Full&Default Power Mode

GSM850 Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.20	33.32	33.28	33.50	24.20	24.32	24.28	24.50
GPRS 1 Tx slot	33.25	33.39	33.31	33.50	24.25	24.39	24.31	24.50
GPRS 2 Tx slots	30.42	30.54	30.50	31.00	24.42	24.54	24.50	25.00
GPRS 3 Tx slots	28.88	28.92	28.84	29.50	24.62	24.66	24.58	25.24
GPRS 4 Tx slots	27.25	27.38	27.30	28.00	24.25	24.38	24.30	25.00
EDGE 1 Tx slot	26.18	26.24	26.10	27.00	17.18	17.24	17.10	18.00
EDGE 2 Tx slots	24.41	24.49	24.45	25.00	18.41	18.49	18.45	19.00
EDGE 3 Tx slots	23.12	23.25	23.10	24.00	18.86	18.99	18.84	19.74
EDGE 4 Tx slots	21.20	21.27	21.18	22.00	18.20	18.27	18.18	19.00

GSM1900 Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.65	28.68	28.60	29.00	19.65	19.68	19.60	20.00
GPRS 1 Tx slot	28.69	28.74	28.63	29.00	19.69	19.74	19.63	20.00
GPRS 2 Tx slots	25.35	25.39	25.31	26.00	19.35	19.39	19.31	20.00
GPRS 3 Tx slots	22.96	23.07	22.96	24.50	18.70	18.81	18.70	20.24
GPRS 4 Tx slots	21.28	21.38	21.27	22.50	18.28	18.38	18.27	19.50
EDGE 1 Tx slot	23.50	23.57	23.43	24.50	14.50	14.57	14.43	15.50
EDGE 2 Tx slots	21.83	21.87	21.80	23.00	15.83	15.87	15.80	17.00
EDGE 3 Tx slots	20.69	20.74	20.61	22.00	16.43	16.48	16.35	17.74
EDGE 4 Tx slots	18.46	18.57	18.52	20.00	15.46	15.57	15.52	17.00

Band		WCDMA IV Ant0			Tune-up Limit (dBm)	WCDMA V Ant0			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		4132	4182	4233	
Rx Channel		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.80	21.92	21.87	23.00	23.65	23.72	23.63	24.00
3GPP Rel 99	RMC 12.2Kbps	21.85	21.99	21.93	23.00	23.71	23.78	23.66	24.00
3GPP Rel 6	HSDPA Subtest-1	21.11	21.15	21.00	22.00	22.89	22.84	22.83	23.00
3GPP Rel 6	HSDPA Subtest-2	20.97	21.09	20.97	22.00	22.77	22.91	22.84	23.00
3GPP Rel 6	HSDPA Subtest-3	20.50	20.61	20.51	21.50	22.30	22.43	22.33	22.50
3GPP Rel 6	HSDPA Subtest-4	20.41	20.62	20.49	21.50	22.24	22.41	22.37	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.03	21.13	20.88	22.00	22.89	22.73	22.75	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.84	20.95	20.75	22.00	22.65	22.79	22.59	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.45	20.42	20.34	21.50	22.26	22.26	22.21	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.33	20.49	20.49	21.50	22.16	22.29	22.31	22.50
3GPP Rel 6	HSUPA Subtest-1	21.10	21.06	21.04	22.00	22.90	22.94	22.94	23.00
3GPP Rel 6	HSUPA Subtest-2	19.02	19.14	18.97	20.00	20.89	20.97	20.75	21.00
3GPP Rel 6	HSUPA Subtest-3	19.96	20.03	20.05	21.00	21.79	21.92	21.93	22.00
3GPP Rel 6	HSUPA Subtest-4	18.90	19.07	19.05	20.00	20.77	20.87	20.83	21.00
3GPP Rel 6	HSUPA Subtest-5	21.06	20.90	20.94	22.00	22.85	22.76	22.74	23.00

Band 4 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.26	20.30	20.22	21	0
20	QPSK	1	49	20.14	20.23	20.19		
20	QPSK	1	99	20.11	20.16	20.04		
20	QPSK	50	0	19.23	19.37	19.22	20	1
20	QPSK	50	24	19.21	19.30	19.24		
20	QPSK	50	50	19.11	19.25	19.12		
20	QPSK	100	0	19.19	19.32	19.25		
20	16QAM	1	0	19.16	19.26	19.15	20	1
20	16QAM	1	49	19.12	19.25	19.19		
20	16QAM	1	99	19.08	19.15	19.03		
20	16QAM	50	0	18.43	18.49	18.41	19	2
20	16QAM	50	24	18.38	18.51	18.38		
20	16QAM	50	50	18.45	18.49	18.43		
20	16QAM	100	0	18.48	18.61	18.57		
20	64QAM	1	0	18.29	18.35	18.21	19	2
20	64QAM	1	49	18.37	18.43	18.31		
20	64QAM	1	99	18.12	18.25	18.10		
20	64QAM	50	0	17.30	17.43	17.35	18	3
20	64QAM	50	24	17.34	17.40	17.37		
20	64QAM	50	50	17.22	17.30	17.25		
20	64QAM	100	0	17.37	17.41	17.27		
20	256QAM	1	0	15.45	15.51	15.47	16	5
20	256QAM	1	49	15.25	15.38	15.32		
20	256QAM	1	99	15.34	15.37	15.30		
20	256QAM	50	0	15.38	15.41	15.33	16	5
20	256QAM	50	24	15.42	15.45	15.36		
20	256QAM	50	50	15.14	15.26	15.11		
20	256QAM	100	0	15.27	15.37	15.25		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.15	20.27	20.12	21	0
15	QPSK	1	37	20.14	20.24	20.09		
15	QPSK	1	74	20.07	20.04	19.96		
15	QPSK	36	0	19.26	19.37	19.29	20	1
15	QPSK	36	20	19.23	19.38	19.34		
15	QPSK	36	39	19.15	19.32	19.21		
15	QPSK	75	0	19.25	19.39	19.31		
15	16QAM	1	0	19.21	19.29	19.22	20	1
15	16QAM	1	37	19.18	19.35	19.27		
15	16QAM	1	74	19.11	19.25	19.13		
15	16QAM	36	0	18.37	18.36	18.37	19	2
15	16QAM	36	20	18.25	18.43	18.28		
15	16QAM	36	39	18.31	18.36	18.37		
15	16QAM	75	0	18.40	18.57	18.46		
15	64QAM	1	0	18.21	18.32	18.07	19	2
15	64QAM	1	37	18.32	18.40	18.23		
15	64QAM	1	74	17.97	18.17	17.98		
15	64QAM	36	0	17.17	17.32	17.21	18	3
15	64QAM	36	20	17.25	17.33	17.26		
15	64QAM	36	39	17.17	17.23	17.19		
15	64QAM	75	0	17.26	17.31	17.21		
15	256QAM	1	0	15.31	15.39	15.37	16	5
15	256QAM	1	37	15.13	15.24	15.17		
15	256QAM	1	74	15.26	15.31	15.25		
15	256QAM	36	0	15.34	15.30	15.23	16	5
15	256QAM	36	20	15.28	15.37	15.26		
15	256QAM	36	39	15.07	15.18	15.11		
15	256QAM	75	0	15.19	15.31	15.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.17	20.23	20.17	21	0
10	QPSK	1	25	20.18	20.21	20.10		
10	QPSK	1	49	20.01	20.12	19.93		
10	QPSK	25	0	19.32	19.38	19.32	20	1
10	QPSK	25	12	19.22	19.40	19.32		
10	QPSK	25	25	19.21	19.31	19.20		
10	QPSK	50	0	19.24	19.32	19.28		
10	16QAM	1	0	19.21	19.33	19.20	20	1
10	16QAM	1	25	19.23	19.32	19.27		
10	16QAM	1	49	19.12	19.17	19.11		
10	16QAM	25	0	18.36	18.39	18.34	19	2
10	16QAM	25	12	18.31	18.39	18.34		
10	16QAM	25	25	18.30	18.35	18.38		
10	16QAM	50	0	18.41	18.50	18.52		
10	64QAM	1	0	18.15	18.23	18.09	19	2
10	64QAM	1	25	18.27	18.33	18.23		
10	64QAM	1	49	18.09	18.18	17.98		
10	64QAM	25	0	17.24	17.36	17.32	18	3
10	64QAM	25	12	17.25	17.36	17.31		
10	64QAM	25	25	17.11	17.21	17.17		
10	64QAM	50	0	17.31	17.31	17.22		
10	256QAM	1	0	15.38	15.47	15.35	16	5
10	256QAM	1	25	15.18	15.24	15.22		
10	256QAM	1	49	15.20	15.25	15.24		
10	256QAM	25	0	15.34	15.30	15.24	16	5
10	256QAM	25	12	15.35	15.36	15.30		
10	256QAM	25	25	15.09	15.14	15.05		
10	256QAM	50	0	15.13	15.31	15.14		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.22	20.23	20.12	21	0
5	QPSK	1	12	20.20	20.26	20.05		
5	QPSK	1	24	20.06	20.10	19.93		
5	QPSK	12	0	19.24	19.45	19.33	20	1
5	QPSK	12	7	19.23	19.32	19.33		
5	QPSK	12	13	19.22	19.31	19.19		
5	QPSK	25	0	19.25	19.42	19.35		
5	16QAM	1	0	19.27	19.28	19.18	20	1
5	16QAM	1	12	19.20	19.31	19.22		
5	16QAM	1	24	19.17	19.24	19.08		
5	16QAM	12	0	18.36	18.37	18.27	19	2
5	16QAM	12	7	18.30	18.46	18.30		
5	16QAM	12	13	18.41	18.38	18.38		
5	16QAM	25	0	18.40	18.53	18.50		
5	64QAM	1	0	18.17	18.21	18.14	19	2
5	64QAM	1	12	18.25	18.40	18.24		
5	64QAM	1	24	17.97	18.11	17.97		
5	64QAM	12	0	17.25	17.37	17.26	18	3
5	64QAM	12	7	17.29	17.27	17.31		
5	64QAM	12	13	17.12	17.17	17.16		
5	64QAM	25	0	17.31	17.27	17.17		
5	256QAM	1	0	15.37	15.40	15.33	16	5
5	256QAM	1	12	15.15	15.29	15.21		
5	256QAM	1	24	15.24	15.24	15.27		
5	256QAM	12	0	15.35	15.36	15.18	16	5
5	256QAM	12	7	15.29	15.41	15.30		
5	256QAM	12	13	15.10	15.11	15.00		
5	256QAM	25	0	15.23	15.31	15.12		
Channel				19950	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.18	20.28	20.15	21	0
3	QPSK	1	8	20.19	20.24	20.11		
3	QPSK	1	14	20.04	20.10	19.99		
3	QPSK	8	0	19.33	19.37	19.24	20	1
3	QPSK	8	4	19.24	19.37	19.30		
3	QPSK	8	7	19.21	19.32	19.14		
3	QPSK	15	0	19.30	19.38	19.28		
3	16QAM	1	0	19.26	19.33	19.21	20	1
3	16QAM	1	8	19.21	19.25	19.21		
3	16QAM	1	14	19.16	19.15	19.04		
3	16QAM	8	0	18.38	18.45	18.31	19	2
3	16QAM	8	4	18.29	18.44	18.29		
3	16QAM	8	7	18.32	18.42	18.30		
3	16QAM	15	0	18.44	18.47	18.45		
3	64QAM	1	0	18.21	18.24	18.08	19	2
3	64QAM	1	8	18.32	18.29	18.24		
3	64QAM	1	14	18.07	18.15	17.99		
3	64QAM	8	0	17.24	17.33	17.30	18	3
3	64QAM	8	4	17.23	17.35	17.24		
3	64QAM	8	7	17.10	17.18	17.21		
3	64QAM	15	0	17.23	17.29	17.13		
3	256QAM	1	0	15.37	15.37	15.43	16	5
3	256QAM	1	8	15.16	15.33	15.24		
3	256QAM	1	14	15.30	15.25	15.17		
3	256QAM	8	0	15.32	15.30	15.26	16	5
3	256QAM	8	4	15.28	15.41	15.22		
3	256QAM	8	7	15.09	15.18	15.01		
3	256QAM	15	0	15.21	15.28	15.13		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.22	20.26	20.13	21	0
1.4	QPSK	1	3	20.09	20.21	20.07		
1.4	QPSK	1	5	19.96	20.01	19.90		
1.4	QPSK	3	0	20.22	20.23	20.14		
1.4	QPSK	3	1	20.13	20.16	20.13		
1.4	QPSK	3	3	20.04	20.04	19.90		
1.4	QPSK	6	0	19.27	19.49	19.33	20	1
1.4	16QAM	1	0	19.31	19.36	19.27	20	1
1.4	16QAM	1	3	19.14	19.35	19.17		
1.4	16QAM	1	5	19.24	19.40	19.29		
1.4	16QAM	3	0	19.20	19.37	19.25		
1.4	16QAM	3	1	19.14	19.27	19.23		
1.4	16QAM	3	3	19.12	19.23	19.07		
1.4	16QAM	6	0	18.35	18.41	18.34	19	2
1.4	64QAM	1	0	18.29	18.41	18.25	19	2
1.4	64QAM	1	3	18.33	18.45	18.34		
1.4	64QAM	1	5	18.38	18.48	18.45		
1.4	64QAM	3	0	18.16	18.24	18.15		
1.4	64QAM	3	1	18.27	18.33	18.23		
1.4	64QAM	3	3	18.01	18.19	17.97		
1.4	64QAM	6	0	17.17	17.39	17.22	18	3
1.4	256QAM	1	0	15.40	15.43	15.37	16	5
1.4	256QAM	1	3	15.12	15.35	15.19		
1.4	256QAM	1	5	15.23	15.31	15.15		
1.4	256QAM	3	0	15.29	15.32	15.30		
1.4	256QAM	3	1	15.37	15.32	15.21		
1.4	256QAM	3	3	15.01	15.17	15.06		
1.4	256QAM	6	0	15.17	15.31	15.11	16	5

Band 5 Ant 0

BW [MHz]	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	22.78	22.82	22.72	24	0
10	QPSK	1	25	22.71	22.77	22.67		
10	QPSK	1	49	22.63	22.76	22.64		
10	QPSK	25	0	21.94	21.97	21.90	23	1
10	QPSK	25	12	21.77	21.90	21.81		
10	QPSK	25	25	21.67	21.81	21.69		
10	QPSK	50	0	21.79	21.88	21.74		
10	16QAM	1	0	21.86	21.91	21.77	23	1
10	16QAM	1	25	21.73	21.82	21.76		
10	16QAM	1	49	21.66	21.78	21.71		
10	16QAM	25	0	20.83	20.96	20.91	22	2
10	16QAM	25	12	20.71	20.77	20.69		
10	16QAM	25	25	20.69	20.79	20.75		
10	16QAM	50	0	20.75	20.85	20.72		
10	64QAM	1	0	20.86	20.91	20.85	22	2
10	64QAM	1	25	20.79	20.83	20.71		
10	64QAM	1	49	20.65	20.76	20.68		
10	64QAM	25	0	19.76	19.91	19.84	21	3
10	64QAM	25	12	19.74	19.77	19.69		
10	64QAM	25	25	19.72	19.86	19.80		
10	64QAM	50	0	19.73	19.81	19.75		
10	256QAM	1	0	17.71	17.82	17.68	19	5
10	256QAM	1	25	17.67	17.72	17.61		
10	256QAM	1	49	17.62	17.74	17.68		
10	256QAM	25	0	17.69	17.78	17.72	19	5
10	256QAM	25	12	17.57	17.69	17.64		
10	256QAM	25	25	17.55	17.65	17.58		
10	256QAM	50	0	17.65	17.71	17.62		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.72	22.77	22.62	24	0
5	QPSK	1	12	22.67	22.73	22.63		
5	QPSK	1	24	22.56	22.59	22.54		
5	QPSK	12	0	21.90	21.83	21.86	23	1
5	QPSK	12	7	21.65	21.82	21.70		
5	QPSK	12	13	21.62	21.68	21.55		
5	QPSK	25	0	21.73	21.80	21.71		
5	16QAM	1	0	21.79	21.88	21.62	23	1
5	16QAM	1	12	21.70	21.74	21.63		
5	16QAM	1	24	21.58	21.66	21.52		
5	16QAM	12	0	20.74	20.90	20.88	22	2
5	16QAM	12	7	20.62	20.64	20.63		
5	16QAM	12	13	20.54	20.67	20.67		
5	16QAM	25	0	20.68	20.81	20.58		
5	64QAM	1	0	20.80	20.80	20.81	22	2
5	64QAM	1	12	20.51	20.61	20.53		
5	64QAM	1	24	20.38	20.57	20.48		
5	64QAM	12	0	19.69	19.76	19.69	21	3
5	64QAM	12	7	19.67	19.64	19.55		
5	64QAM	12	13	19.59	19.80	19.71		
5	64QAM	25	0	19.63	19.72	19.66		
5	256QAM	1	0	17.64	17.76	17.53	19	5
5	256QAM	1	12	17.63	17.67	17.57		
5	256QAM	1	24	17.50	17.62	17.58		
5	256QAM	12	0	17.65	17.63	17.67	19	5
5	256QAM	12	7	17.49	17.61	17.55		
5	256QAM	12	13	17.44	17.57	17.50		
5	256QAM	25	0	17.53	17.61	17.59		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.69	22.72	22.62	24	0
3	QPSK	1	8	22.63	22.67	22.63		
3	QPSK	1	14	22.54	22.68	22.51		
3	QPSK	8	0	21.89	21.89	21.79	23	1
3	QPSK	8	4	21.63	21.79	21.70		
3	QPSK	8	7	21.53	21.66	21.54		
3	QPSK	15	0	21.73	21.85	21.64		
3	16QAM	1	0	21.73	21.86	21.66	23	1
3	16QAM	1	8	21.63	21.69	21.72		
3	16QAM	1	14	21.46	21.56	21.45		
3	16QAM	8	0	20.73	20.85	20.88	22	2
3	16QAM	8	4	20.63	20.70	20.58		
3	16QAM	8	7	20.63	20.65	20.62		
3	16QAM	15	0	20.61	20.76	20.60		
3	64QAM	1	0	20.76	20.87	20.77	22	2
3	64QAM	1	8	20.45	20.64	20.53		
3	64QAM	1	14	20.41	20.52	20.43		
3	64QAM	8	0	19.72	19.81	19.77	21	3
3	64QAM	8	4	19.69	19.72	19.56		
3	64QAM	8	7	19.61	19.80	19.77		
3	64QAM	15	0	19.65	19.74	19.65		
3	256QAM	1	0	17.68	17.71	17.57	19	5
3	256QAM	1	8	17.55	17.64	17.49		
3	256QAM	1	14	17.56	17.65	17.63		
3	256QAM	8	0	17.63	17.69	17.64	19	5
3	256QAM	8	4	17.48	17.61	17.59		
3	256QAM	8	7	17.41	17.59	17.44		
3	256QAM	15	0	17.62	17.66	17.49		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.65	22.78	22.62	24	0
1.4	QPSK	1	3	22.62	22.66	22.61		
1.4	QPSK	1	5	22.49	22.61	22.58		
1.4	QPSK	3	0	22.68	22.70	22.66		
1.4	QPSK	3	1	22.60	22.72	22.55		
1.4	QPSK	3	3	22.51	22.58	22.60		
1.4	QPSK	6	0	21.89	21.85	21.86	23	1
1.4	16QAM	1	0	21.64	21.82	21.68	23	1
1.4	16QAM	1	3	21.62	21.72	21.60		
1.4	16QAM	1	5	21.68	21.84	21.67		
1.4	16QAM	3	0	21.77	21.81	21.68		
1.4	16QAM	3	1	21.65	21.68	21.66		
1.4	16QAM	3	3	21.46	21.64	21.43		
1.4	16QAM	6	0	20.72	20.92	20.81	22	2
1.4	64QAM	1	0	20.56	20.71	20.63	22	2
1.4	64QAM	1	3	20.60	20.66	20.68		
1.4	64QAM	1	5	20.67	20.75	20.85		
1.4	64QAM	3	0	20.81	20.82	20.78		
1.4	64QAM	3	1	20.68	20.73	20.62		
1.4	64QAM	3	3	20.58	20.69	20.55		
1.4	64QAM	6	0	19.72	19.79	19.75	21	3
1.4	256QAM	1	0	17.67	17.72	17.61	19	5
1.4	256QAM	1	3	17.54	17.66	17.54		
1.4	256QAM	1	5	17.59	17.70	17.62		
1.4	256QAM	3	0	17.61	17.68	17.62		
1.4	256QAM	3	1	17.50	17.56	17.61		
1.4	256QAM	3	3	17.47	17.52	17.44		
1.4	256QAM	6	0	17.61	17.59	17.55	19	5

Band 7 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.16	23.24	23.12	24	0
20	QPSK	1	49	23.14	23.19	23.09		
20	QPSK	1	99	23.09	23.12	23.04		
20	QPSK	50	0	22.22	22.37	22.27	23	1
20	QPSK	50	24	22.28	22.32	22.21		
20	QPSK	50	50	22.10	22.25	22.12		
20	QPSK	100	0	22.27	22.31	22.26		
20	16QAM	1	0	22.10	22.24	22.16	23	1
20	16QAM	1	49	22.12	22.19	22.05		
20	16QAM	1	99	22.01	22.12	21.99		
20	16QAM	50	0	21.43	21.48	21.33	22	2
20	16QAM	50	24	21.29	21.43	21.29		
20	16QAM	50	50	21.33	21.36	21.26		
20	16QAM	100	0	21.30	21.42	21.31		
20	64QAM	1	0	21.26	21.36	21.27	22	2
20	64QAM	1	49	21.21	21.31	21.21		
20	64QAM	1	99	21.18	21.24	21.19		
20	64QAM	50	0	20.35	20.41	20.37	21	3
20	64QAM	50	24	20.27	20.36	20.23		
20	64QAM	50	50	20.16	20.29	20.22		
20	64QAM	100	0	20.31	20.35	20.23		
20	256QAM	1	0	18.36	18.46	18.38	19	5
20	256QAM	1	49	18.38	18.41	18.34		
20	256QAM	1	99	18.25	18.34	18.28		
20	256QAM	50	0	18.27	18.42	18.36	19	5
20	256QAM	50	24	18.31	18.37	18.29		
20	256QAM	50	50	18.21	18.30	18.25		
20	256QAM	100	0	18.30	18.39	18.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.08	23.17	23.03	24	0
15	QPSK	1	37	23.09	23.11	22.95		
15	QPSK	1	74	23.01	23.09	22.99		
15	QPSK	36	0	22.19	22.31	22.19	23	1
15	QPSK	36	20	22.16	22.21	22.08		
15	QPSK	36	39	22.01	22.22	22.03		
15	QPSK	75	0	22.21	22.18	22.13		
15	16QAM	1	0	22.06	22.19	22.07	23	1
15	16QAM	1	37	22.07	22.04	21.96		
15	16QAM	1	74	21.97	21.97	21.90		
15	16QAM	36	0	21.36	21.42	21.25	22	2
15	16QAM	36	20	21.23	21.30	21.20		
15	16QAM	36	39	21.18	21.26	21.20		
15	16QAM	75	0	21.20	21.35	21.27		
15	64QAM	1	0	21.13	21.33	21.14	22	2
15	64QAM	1	37	21.15	21.24	21.09		
15	64QAM	1	74	21.10	21.21	21.13		
15	64QAM	36	0	20.29	20.36	20.25	21	3
15	64QAM	36	20	20.14	20.26	20.18		
15	64QAM	36	39	20.04	20.14	20.09		
15	64QAM	75	0	20.18	20.22	20.12		
15	256QAM	1	0	18.31	18.34	18.29	19	5
15	256QAM	1	37	18.23	18.33	18.26		
15	256QAM	1	74	18.21	18.30	18.16		
15	256QAM	36	0	18.13	18.29	18.32	19	5
15	256QAM	36	20	18.21	18.31	18.23		
15	256QAM	36	39	18.06	18.25	18.19		
15	256QAM	75	0	18.20	18.29	18.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.13	23.21	23.03	24	0
10	QPSK	1	25	23.09	23.10	23.03		
10	QPSK	1	49	23.01	23.07	22.97		
10	QPSK	25	0	22.13	22.33	22.15	23	1
10	QPSK	25	12	22.23	22.27	22.17		
10	QPSK	25	25	22.05	22.14	22.05		
10	QPSK	50	0	22.21	22.19	22.24		
10	16QAM	1	0	22.04	22.16	22.12	23	1
10	16QAM	1	25	22.00	22.14	21.92		
10	16QAM	1	49	21.94	22.04	21.93		
10	16QAM	25	0	21.30	21.38	21.22	22	2
10	16QAM	25	12	21.24	21.30	21.17		
10	16QAM	25	25	21.26	21.24	21.20		
10	16QAM	50	0	21.26	21.31	21.21		
10	64QAM	1	0

Band 13 Ant 0

BW [MHz]	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		22.82		24	0
10	QPSK	1	25		22.77			
10	QPSK	1	49		22.73			
10	QPSK	25	0		21.87		23	1
10	QPSK	25	12		21.82			
10	QPSK	25	25		21.76			
10	QPSK	50	0		21.83			
10	16QAM	1	0		21.77		23	1
10	16QAM	1	25		21.72			
10	16QAM	1	49		21.61			
10	16QAM	25	0		20.90		22	2
10	16QAM	25	12		20.85			
10	16QAM	25	25		20.73			
10	16QAM	50	0		20.84			
10	64QAM	1	0		20.79		22	2
10	64QAM	1	25		20.74			
10	64QAM	1	49		20.60			
10	64QAM	25	0		19.91		21	3
10	64QAM	25	12		19.86			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.85			
10	256QAM	1	0		17.91		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.74			
10	256QAM	25	0		17.87		19	5
10	256QAM	25	12		17.82			
10	256QAM	25	25		17.74			
10	256QAM	50	0		17.80			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.71	22.78	22.67	24	0
5	QPSK	1	12	22.68	22.72	22.64		
5	QPSK	1	24	22.54	22.62	22.53		
5	QPSK	12	0	21.66	21.77	21.68	23	1
5	QPSK	12	7	21.71	21.78	21.73		
5	QPSK	12	13	21.49	21.64	21.54		
5	QPSK	25	0	21.66	21.79	21.67		
5	16QAM	1	0	21.63	21.74	21.63	23	1
5	16QAM	1	12	21.57	21.60	21.54		
5	16QAM	1	24	21.39	21.51	21.46		
5	16QAM	12	0	20.70	20.81	20.69	22	2
5	16QAM	12	7	20.68	20.77	20.64		
5	16QAM	12	13	20.61	20.72	20.61		
5	16QAM	25	0	20.68	20.81	20.73		
5	64QAM	1	0	20.52	20.65	20.59	22	2
5	64QAM	1	12	20.46	20.60	20.50		
5	64QAM	1	24	20.48	20.57	20.43		
5	64QAM	12	0	19.66	19.76	19.67	21	3
5	64QAM	12	7	19.70	19.74	19.63		
5	64QAM	12	13	19.66	19.71	19.59		
5	64QAM	25	0	19.71	19.79	19.66		
5	256QAM	1	0	17.78	17.83	17.76	19	5
5	256QAM	1	12	17.68	17.83	17.76		
5	256QAM	1	24	17.64	17.75	17.70		
5	256QAM	12	0	17.78	17.83	17.77	19	5
5	256QAM	12	7	17.65	17.73	17.60		
5	256QAM	12	13	17.55	17.70	17.65		
5	256QAM	25	0	17.73	17.78	17.68		

Band 17 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23780	23790	23800	
Frequency (MHz)					709	710	711	
10	QPSK	1	0	22.85	22.88	22.81	24	0
10	QPSK	1	25	22.81	22.87	22.75		
10	QPSK	1	49	22.71	22.80	22.67		
10	QPSK	25	0	21.89	21.96	21.86	23	1
10	QPSK	25	12	21.79	21.91	21.84		
10	QPSK	25	25	21.75	21.84	21.80		
10	QPSK	50	0	21.75	21.89	21.84		
10	16QAM	1	0	21.75	21.81	21.68	23	1
10	16QAM	1	25	21.65	21.76	21.67		
10	16QAM	1	49	21.59	21.69	21.65		
10	16QAM	25	0	20.89	20.92	20.86	22	2
10	16QAM	25	12	20.77	20.87	20.82		
10	16QAM	25	25	20.65	20.80	20.73		
10	16QAM	50	0	20.73	20.86	20.71		
10	64QAM	1	0	20.71	20.81	20.69	22	2
10	64QAM	1	25	20.71	20.76	20.66		
10	64QAM	1	49	20.59	20.69	20.57		
10	64QAM	25	0	19.79	19.90	19.79	21	3
10	64QAM	25	12	19.79	19.85	19.79		
10	64QAM	25	25	19.75	19.78	19.64		
10	64QAM	50	0	19.77	19.86	19.77		
10	256QAM	1	0	17.82	17.90	17.80	19	5
10	256QAM	1	25	17.76	17.85	17.80		
10	256QAM	1	49	17.73	17.78	17.71		
10	256QAM	25	0	17.78	17.84	17.80	19	5
10	256QAM	25	12	17.65	17.79	17.69		
10	256QAM	25	25	17.63	17.72	17.67		
10	256QAM	50	0	17.67	17.79	17.72		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.77	22.85	22.72	24	0
5	QPSK	1	12	22.74	22.72	22.68		
5	QPSK	1	24	22.65	22.74	22.61		
5	QPSK	12	0	21.76	21.81	21.72	23	1
5	QPSK	12	7	21.69	21.77	21.71		
5	QPSK	12	13	21.69	21.80	21.72		
5	QPSK	25	0	21.69	21.76	21.79		
5	16QAM	1	0	21.72	21.76	21.57	23	1
5	16QAM	1	12	21.60	21.67	21.56		
5	16QAM	1	24	21.54	21.54	21.53		
5	16QAM	12	0	20.82	20.85	20.74	22	2
5	16QAM	12	7	20.74	20.83	20.71		
5	16QAM	12	13	20.56	20.66	20.67		
5	16QAM	25	0	20.70	20.79	20.58		
5	64QAM	1	0	20.59	20.72	20.63	22	2
5	64QAM	1	12	20.59	20.62	20.57		
5	64QAM	1	24	20.54	20.61	20.50		
5	64QAM	12	0	19.67	19.79	19.72	21	3
5	64QAM	12	7	19.71	19.73	19.72		
5	64QAM	12	13	19.71	19.67	19.60		
5	64QAM	25	0	19.63	19.75	19.66		
5	256QAM	1	0	17.71	17.84	17.75	19	5
5	256QAM	1	12	17.66	17.79	17.73		
5	256QAM	1	24	17.65	17.73	17.60		
5	256QAM	12	0	17.69	17.74	17.71	19	5
5	256QAM	12	7	17.66	17.76	17.61		
5	256QAM	12	13	17.53	17.65	17.62		
5	256QAM	25	0	17.61	17.65	17.59		

Band 26 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					26765	26865	26965	
Frequency (MHz)					821.5	831.5	841.5	
15	QPSK	1	0	22.82	22.89	22.74	24	0
15	QPSK	1	37	22.79	22.84	22.70		
15	QPSK	1	74	22.68	22.77	22.71		
15	QPSK	36	0	21.68	21.81	21.67	23	1
15	QPSK	36	20	21.73	21.76	21.70		
15	QPSK	36	39	21.60	21.69	21.58		
15	QPSK	75	0	21.65	21.76	21.65		
15	16QAM	1	0	21.57	21.72	21.66	23	1
15	16QAM	1	37	21.63	21.67	21.53		
15	16QAM	1	74	21.48	21.60	21.55		
15	16QAM	36	0	20.67	20.79	20.66	22	2
15	16QAM	36	20	20.69	20.74	20.69		
15	16QAM	36	39	20.56	20.67	20.60		
15	16QAM	75	0	20.58	20.73	20.68		
15	64QAM	1	0	20.55	20.68	20.54	22	2
15	64QAM	1	37	20.49	20.63	20.51		
15	64QAM	1	74	20.51	20.56	20.49		
15	64QAM	36	0	19.71	19.76	19.69	21	3
15	64QAM	36	20	19.60	19.71	19.62		
15	64QAM	36	39	19.50	19.64	19.53		
15	64QAM	75	0	19.58	19.68	19.62		
15	256QAM	1	0	17.67	17.80	17.66	19	5
15	256QAM	1	37	17.66	17.75	17.71		
15	256QAM	1	74	17.64	17.68	17.62		
15	256QAM	36	0	17.62	17.73	17.67	19	5
15	256QAM	36	20	17.61	17.68	17.53		
15	256QAM	36	39	17.55	17.71	17.51		
15	256QAM	75	0	17.58	17.68	17.56		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.73	22.82	22.66	24	0
10	QPSK	1	25	22.70	22.82	22.56		
10	QPSK	1	49	22.54	22.63	22.65		
10	QPSK	25	0	21.57	21.77	21.54	23	1
10	QPSK	25	12	21.68	21.66	21.64		
10	QPSK	25	25	21.49	21.67	21.48		
10	QPSK	50	0	21.52	21.62	21.54		
10	16QAM	1	0	21.48	21.65	21.63	23	1
10	16QAM	1	25	21.50	21.63	21.46		
10	16QAM	1	49	21.35	21.48	21.42		
10	16QAM	25	0	20.55	20.68	20.63	22	2
10	16QAM	25	12	20.59	20.59	20.63		
10	16QAM	25	25	20.53	20.62	20.56		
10	16QAM	50	0	20.45	20.59	20.63		
10	64QAM	1	0	20.48	20.56	20.48	22	2
10	64QAM	1	25	20.40	20.53	20.44		
10	64QAM	1	49	20.37	20.43	20.37		
10	64QAM	25	0	19.64	19.62	19.56	21	3
10	64QAM	25	12	19.54	19.61	19.56		
10	64QAM	25	25	19.40	19.57	19.45		
10	64QAM	50	0	19.44	19.57	19.59		
10	256QAM	1	0	17.60	17.73	17.59	19	5
10	256QAM	1	25	17.63	17.71	17.57		
10	256QAM	1	49	17.57	17.60	17.55		
10	256QAM	25	0	17.54	17.64	17.57	19	5
10	256QAM	25	12	17.52	17.60	17.47		
10	256QAM	25	25	17.49	17.54	17.36		
10	256QAM	50	0	17.45	17.53	17.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.70	22.75	22.69	24	0
5	QPSK	1	12	22.73	22.71	22.61		
5	QPSK	1	24	22.64	22.73	22.57		
5	QPSK	12	0	21.55	21.72	21.56	23	1
5	QPSK	12	7	21.59	21.68	21.64		
5	QPSK	12	13	21.57	21.59	21.47		
5	QPSK	25	0	21.61	21.67	21.60		
5	16QAM	1	0	21.48	21.64	21.62	23	1
5	16QAM	1	12	21.60	21.53	21.48		
5	16QAM	1	24	21.40	21.52	21.48		
5	16QAM	12	0	20.56	20.70	20.53	22	2
5	16QAM	12	7	20.62	20.68	20.56		
5	16QAM	12	13	20.49	20.55	20.45		
5	16QAM	25	0	20.52	20.63	20.58		
5	64QAM	1	0	20.52	20.63	20.41	22	2
5	64QAM	1	12	20.36	20.59	20.36		
5	64QAM	1	24	20.40	20.44	20.46		
5	64QAM	12	0	19.66	19.67	19.64	21	3
5	64QAM	12	7	19.46	19.58	19.53		
5	64QAM	12	13	19.38	19.57	19.38		
5	64QAM	25	0	19.54	19.59	19.51		
5	256QAM	1	0	17.64	17.71	17.60	19	5
5	256QAM	1	12	17.53	17.71	17.66		
5	256QAM	1	24	17.59	17.63	17.47		
5	256QAM	12	0	17.50	17.70	17.53	19	5
5	256QAM	12	7	17.46	17.53	17.39		
5	256QAM	12	13	17.43	17.47	17.46		
5	256QAM	25	0	17.49	17.64	17.46		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.69	22.79	22.60	24	0
3	QPSK	1	8	22.70	22.74	22.67		
3	QPSK	1	14	22.57	22.72	22.56		
3	QPSK	8	0	21.63	21.69	21.56	23	1
3	QPSK	8	4	21.65	21.63	21.65		
3	QPSK	8	7	21.51	21.55	21.55		
3	QPSK	15	0	21.61	21.73	21.51		
3	16QAM	1	0	21.48	21.65	21.58	23	1
3	16QAM	1	8	21.50	21.63	21.41		
3	16QAM	1	14	21.38	21.46	21.50		
3	16QAM	8	0	20.54	20.72	20.55	22	2
3	16QAM	8	4	20.62	20.60	20.60		
3	16QAM	8	7	20.52	20.63	20.54		
3	16QAM	15	0	20.48	20.62	20.60		
3	64QAM	1	0	20.44	20.58	20.40	22	2
3	64QAM	1	8	20.46	20.53	20.42		
3	64QAM	1	14	20.42	20.49	20.43		
3	64QAM	8	0	19.68	19.66	19.60	21	3
3	64QAM	8	4	19.49	19.68	19.51		
3	64QAM	8	7	19.43	19.58	19.48		
3	64QAM	15	0	19.48	19.63	19.52		
3	256QAM	1	0	17.54	17.69	17.57	19	5
3	256QAM	1	8	17.61	17.61	17.58		
3	256QAM	1	14	17.56	17.58	17.50		
3	256QAM	8	0	17.56	17.58	17.62	19	5
3	256QAM	8	4	17.51	17.60	17.44		
3	256QAM	8	7	17.47	17.55	17.38		
3	256QAM	15	0	17.51	17.64	17.51		
Channel				26907	26965	27023	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.77	22.85	22.63	24	0
1.4	QPSK	1	3	22.66	22.80	22.57		
1.4	QPSK	1	5	22.64	22.71	22.66		
1.4	QPSK	3	0	22.74	22.82	22.71		
1.4	QPSK	3	1	22.74	22.76	22.64		
1.4	QPSK	3	3	22.56	22.63	22.56		
1.4	QPSK	6	0	21.65	21.67	21.59	23	1
1.4	16QAM	1	0	21.60	21.69	21.58	23	1
1.4	16QAM	1	3	21.49	21.63	21.51		
1.4	16QAM	1	5	21.54	21.67	21.56		
1.4	16QAM	3	0	21.51	21.58	21.61		
1.4	16QAM	3	1	21.48	21.62	21.38		
1.4	16QAM	3	3	21.38	21.46	21.49		
1.4	16QAM	6	0	20.63	20.66	20.56	22	2
1.4	64QAM	1	0	20.60	20.62	20.62	22	2
1.4	64QAM	1	3	20.42	20.54	20.48		
1.4	64QAM	1	5	20.50	20.60	20.59		
1.4	64QAM	3	0	20.51	20.53	20.43		
1.4	64QAM	3	1	20.38	20.53	20.37		
1.4	64QAM	3	3	20.40	20.45	20.38		
1.4	64QAM	6	0	19.62	19.73	19.57	21	3
1.4	256QAM	1	0	17.54	17.74	17.51	19	5
1.4	256QAM	1	3	17.55	17.71	17.65		
1.4	256QAM	1	5	17.50	17.64	17.54		
1.4	256QAM	3	0	17.53	17.69	17.60		
1.4	256QAM	3	1	17.49	17.57	17.42		
1.4	256QAM	3	3	17.41	17.56	17.36		
1.4	256QAM	6	0	17.45	17.53	17.48	19	5

Band 66 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					132072	132322	132572	
Frequency (MHz)					1720	1745	1770	
20	QPSK	1	0	20.26	20.36	20.20	21	0
20	QPSK	1	49	20.22	20.29	20.16		
20	QPSK	1	99	20.15	20.22	20.08		
20	QPSK	50	0	19.24	19.38	19.25	20	1
20	QPSK	50	24	19.21	19.33	19.28		
20	QPSK	50	50	19.15	19.26	19.14		
20	QPSK	100	0	19.21	19.33	19.21		
20	16QAM	1	0	19.27	19.31	19.22	20	1
20	16QAM	1	49	19.15	19.26	19.22		
20	16QAM	1	99	19.12	19.19	19.15		
20	16QAM	50	0	18.38	18.44	18.38	19	2
20	16QAM	50	24	18.29	18.39	18.24		
20	16QAM	50	50	18.29	18.32	18.27		
20	16QAM	100	0	18.31	18.37	18.29		
20	64QAM	1	0	18.18	18.30	18.16	19	2
20	64QAM	1	49	18.21	18.25	18.14		
20	64QAM	1	99	18.04	18.18	18.09		
20	64QAM	50	0	17.34	17.41	17.35	18	3
20	64QAM	50	24	17.29	17.36	17.24		
20	64QAM	50	50	17.16	17.29	17.24		
20	64QAM	100	0	17.26	17.34	17.22		
20	256QAM	1	0	15.34	15.43	15.36	16	5
20	256QAM	1	49	15.27	15.38	15.33		
20	256QAM	1	99	15.20	15.31	15.19		
20	256QAM	50	0	15.28	15.37	15.29	16	5
20	256QAM	50	24	15.26	15.32	15.22		
20	256QAM	50	50	15.20	15.25	15.15		
20	256QAM	100	0	15.21	15.31	15.19		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.09	20.16	20.06	21	0
15	QPSK	1	37	20.06	20.12	20.02		
15	QPSK	1	74	19.94	20.01	19.95		
15	QPSK	36	0	19.20	19.28	19.19	20	1
15	QPSK	36	20	19.16	19.26	19.24		
15	QPSK	36	39	19.08	19.16	19.07		
15	QPSK	75	0	19.14	19.20	19.16		
15	16QAM	1	0	19.22	19.16	19.07	20	1
15	16QAM	1	37	19.01	19.21	19.14		
15	16QAM	1	74	19.02	19.16	19.09		
15	16QAM	36	0	18.28	18.36	18.33	19	2
15	16QAM	36	20	18.21	18.27	18.15		
15	16QAM	36	39	18.21	18.23	18.24		
15	16QAM	75	0	18.23	18.26	18.21		
15	64QAM	1	0	18.13	18.25	18.06	19	2
15	64QAM	1	37	18.08	18.12	18.10		
15	64QAM	1	74	17.91	18.08	17.98		
15	64QAM	36	0	17.21	17.38	17.26	18	3
15	64QAM	36	20	17.18	17.23	17.12		
15	64QAM	36	39	17.05	17.18	17.12		
15	64QAM	75	0	17.14	17.24	17.16		
15	256QAM	1	0	15.27	15.36	15.22	16	5
15	256QAM	1	37	15.12	15.34	15.21		
15	256QAM	1	74	15.07	15.27	15.11		
15	256QAM	36	0	15.20	15.27	15.25	16	5
15	256QAM	36	20	15.19	15.25	15.11		
15	256QAM	36	39	15.08	15.19	15.00		
15	256QAM	75	0	15.17	15.19	15.14		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.09	20.18	19.97	21	0
10	QPSK	1	25	20.01	20.10	19.99		
10	QPSK	1	49	19.91	20.09	19.99		
10	QPSK	25	0	19.13	19.28	19.22	20	1
10	QPSK	25	12	19.11	19.25	19.20		
10	QPSK	25	25	19.03	19.15	19.10		
10	QPSK	50	0	19.07	19.25	19.09		
10	16QAM	1	0	19.19	19.19	19.08	20	1
10	16QAM	1	25	19.04	19.20	19.17		
10	16QAM	1	49	19.05	19.10	19.12		
10	16QAM	25	0	18.33	18.29	18.27	19	2
10	16QAM	25	12	18.15	18.36	18.20		
10	16QAM	25	25	18.17	18.18	18.14		
10	16QAM	50	0	18.24	18.30	18.23		
10	64QAM	1	0	18.12	18.16	18.06	19	2
10	64QAM	1	25	18.17	18.15	18.02		
10	64QAM	1	49	18.01	18.04	18.03		
10	64QAM	25	0	17.20	17.28	17.25	18	3
10	64QAM	25	12	17.15	17.21	17.18		
10	64QAM	25	25	17.10	17.20	17.20		
10	64QAM	50	0	17.18	17.28	17.18		
10	256QAM	1	0	15.22	15.38	15.26	16	5
10	256QAM	1	25	15.19	15.28	15.29		
10	256QAM	1	49	15.13	15.22	15.09		
10	256QAM	25	0	15.18	15.25	15.15	16	5
10	256QAM	25	12	15.16	15.25	15.09		
10	256QAM	25	25	15.16	15.19	15.03		
10	256QAM	50	0	15.17	15.22	15.04		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.04	20.10	19.98	21	0
5	QPSK	1	12	20.08	20.09	20.00		
5	QPSK	1	24	19.97	20.08	19.94		
5	QPSK	12	0	19.14	19.25	19.17	20	1
5	QPSK	12	7	19.08	19.20	19.24		
5	QPSK	12	13	19.05	19.22	19.03		
5	QPSK	25	0	19.07	19.25	19.14		
5	16QAM	1	0	19.19	19.20	19.17	20	1
5	16QAM	1	12	19.02	19.19	19.09		
5	16QAM	1	24	18.97	19.09	19.00		
5	16QAM	12	0	18.25	18.32	18.31	19	2
5	16QAM	12	7	18.15	18.33	18.14		
5	16QAM	12	13	18.24	18.28	18.23		
5	16QAM	25	0	18.17	18.32	18.19		
5	64QAM	1	0	18.15	18.16	18.04	19	2
5	64QAM	1	12	18.17	18.18	18.09		
5	64QAM	1	24	17.90	18.09	18.00		
5	64QAM	12	0	17.26	17.27	17.28	18	3
5	64QAM	12	7	17.15	17.33	17.12		
5	64QAM	12	13	17.09	17.20	17.20		
5	64QAM	25	0	17.17	17.30	17.17		

Band 38 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.63	20.70	20.57		
20	QPSK	1	49	20.60	20.65	20.53	22	0
20	QPSK	1	99	20.52	20.58	20.48		
20	QPSK	50	0	19.56	19.61	19.50		
20	QPSK	50	24	19.42	19.56	19.39	21	1
20	QPSK	50	50	19.38	19.49	19.34		
20	QPSK	100	0	19.44	19.57	19.51		
20	16QAM	1	0	19.42	19.52	19.39		
20	16QAM	1	49	19.33	19.47	19.42	21	1
20	16QAM	1	99	19.30	19.40	19.35		
20	16QAM	50	0	18.45	18.55	18.47		
20	16QAM	50	24	18.43	18.50	18.39	20	2
20	16QAM	50	50	18.35	18.43	18.39		
20	16QAM	100	0	18.46	18.49	18.45		
20	64QAM	1	0	18.33	18.45	18.35		
20	64QAM	1	49	18.31	18.40	18.32	20	2
20	64QAM	1	99	18.26	18.33	18.26		
20	64QAM	50	0	17.41	17.46	17.35		
20	64QAM	50	24	17.33	17.41	17.27	19	3
20	64QAM	50	50	17.30	17.34	17.19		
20	64QAM	100	0	17.32	17.43	17.38		
20	256QAM	1	0	15.45	15.51	15.40		
20	256QAM	1	49	15.35	15.46	15.31	17	5
20	256QAM	1	99	15.34	15.39	15.28		
20	256QAM	50	0	15.44	15.48	15.42		
20	256QAM	50	24	15.35	15.43	15.31	17	5
20	256QAM	50	50	15.30	15.36	15.25		
20	256QAM	100	0	15.38	15.44	15.29		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	20.50	20.62	20.50		
15	QPSK	1	37	20.55	20.58	20.40	22	0
15	QPSK	1	74	20.42	20.54	20.35		
15	QPSK	36	0	19.51	19.47	19.36		
15	QPSK	36	20	19.29	19.51	19.35	21	1
15	QPSK	36	39	19.33	19.35	19.21		
15	QPSK	75	0	19.33	19.49	19.39		
15	16QAM	1	0	19.31	19.47	19.34		
15	16QAM	1	37	19.30	19.35	19.37	21	1
15	16QAM	1	74	19.16	19.31	19.24		
15	16QAM	36	0	18.39	18.49	18.39		
15	16QAM	36	20	18.40	18.41	18.31	20	2
15	16QAM	36	39	18.31	18.35	18.26		
15	16QAM	75	0	18.37	18.44	18.39		
15	64QAM	1	0	18.26	18.37	18.26		
15	64QAM	1	37	18.25	18.29	18.20	20	2
15	64QAM	1	74	18.16	18.22	18.13		
15	64QAM	36	0	17.37	17.35	17.24		
15	64QAM	36	20	17.28	17.34	17.21	19	3
15	64QAM	36	39	17.15	17.24	17.13		
15	64QAM	75	0	17.22	17.37	17.29		
15	256QAM	1	0	15.38	15.38	15.32		
15	256QAM	1	37	15.22	15.40	15.21	17	5
15	256QAM	1	74	15.25	15.33	15.22		
15	256QAM	36	0	15.31	15.35	15.37		
15	256QAM	36	20	15.21	15.36	15.28	17	5
15	256QAM	36	39	15.20	15.24	15.16		
15	256QAM	75	0	15.27	15.36	15.19		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	20.50	20.59	20.52		
10	QPSK	1	25	20.51	20.55	20.42	22	0
10	QPSK	1	49	20.42	20.48	20.34		
10	QPSK	25	0	19.44	19.51	19.41		
10	QPSK	25	12	19.36	19.47	19.39	21	1
10	QPSK	25	25	19.27	19.38	19.30		
10	QPSK	50	0	19.36	19.48	19.48		
10	16QAM	1	0	19.30	19.44	19.30		
10	16QAM	1	25	19.29	19.35	19.36	21	1
10	16QAM	1	49	19.21	19.28	19.28		
10	16QAM	25	0	18.35	18.42	18.35		
10	16QAM	25	12	18.40	18.42	18.26	20	2
10	16QAM	25	25	18.29	18.31	18.32		
10	16QAM	50	0	18.37	18.37	18.32		
10	64QAM	1	0	18.29	18.31	18.21		
10	64QAM	1	25	18.18	18.32	18.27	20	2
10	64QAM	1	49	18.16	18.22	18.19		
10	64QAM	25	0	17.32	17.36	17.22		
10	64QAM	25	12	17.28	17.30	17.23	19	3
10	64QAM	25	25	17.21	17.22	17.15		
10	64QAM	50	0	17.29	17.31	17.25		
10	256QAM	1	0	15.31	15.37	15.30		
10	256QAM	1	25	15.21	15.33	15.27	17	5
10	256QAM	1	49	15.30	15.29	15.14		
10	256QAM	25	0	15.29	15.45	15.32		
10	256QAM	25	12	15.28	15.32	15.17	17	5
10	256QAM	25	25	15.27	15.31	15.14		
10	256QAM	50	0	15.25	15.40	15.22		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	20.54	20.57	20.43		
5	QPSK	1	12	20.48	20.55	20.46	22	0
5	QPSK	1	24	20.39	20.49	20.40		
5	QPSK	12	0	19.41	19.58	19.45		
5	QPSK	12	7	19.29	19.48	19.36	21	1
5	QPSK	12	13	19.24	19.41	19.27		
5	QPSK	25	0	19.32	19.49	19.42		
5	16QAM	1	0	19.34	19.48	19.25		
5	16QAM	1	12	19.28	19.35	19.29	21	1
5	16QAM	1	24	19.16	19.37	19.26		
5	16QAM	12	0	18.42	18.42	18.42		
5	16QAM	12	7	18.34	18.36	18.30	20	2
5	16QAM	12	13	18.27	18.35	18.27		
5	16QAM	25	0	18.34	18.38	18.40		
5	64QAM	1	0	18.23	18.34	18.22		
5	64QAM	1	12	18.26	18.27	18.27	20	2
5	64QAM	1	24	18.18	18.30	18.13		
5	64QAM	12	0	17.29	17.43	17.24		
5	64QAM	12	7	17.22	17.37	17.18	19	3
5	64QAM	12	13	17.26	17.23	17.07		
5	64QAM	25	0	17.25	17.36	17.25		
5	256QAM	1	0	15.32	15.48	15.36		
5	256QAM	1	12	15.26	15.36	15.26	17	5
5	256QAM	1	24	15.24	15.32	15.21		
5	256QAM	12	0	15.33	15.44	15.35		
5	256QAM	12	7	15.28	15.33	15.19	17	5
5	256QAM	12	13	15.21	15.27	15.20		
5	256QAM	25	0	15.27	15.38	15.16		

Band 41 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.58	20.65	20.77	20.71	20.63		
20	QPSK	1	49	20.54	20.63	20.72	20.68	20.58	22	0
20	QPSK	1	99	20.49	20.53	20.65	20.50	20.54		
20	QPSK	50	0	19.62	19.62	19.74	19.64	19.69		
20	QPSK	50	24	19.57	19.63	19.69	19.58	19.54	21	1
20	QPSK	50	50	19.51	19.50	19.62	19.47	19.52		
20	QPSK	100	0	19.53	19.59	19.66	19.57	19.59		
20	16QAM	1	0	19.45	19.46	19.58	19.48	19.48		
20	16QAM	1	49	19.35	19.40	19.53	19.44	19.41	21	1
20	16QAM	1	99	19.35	19.34	19.46	19.43	19.32		
20	16QAM	50	0	18.52	18.59	18.70	18.61	18.55		
20	16QAM	50	24	18.50	18.51	18.65	18.56	18.52	20	2
20	16QAM	50	50	18.46	18.49	18.58	18.47	18.53		
20	16QAM	100	0	18.49	18.57	18.64	18.51	18.57		
20	64QAM	1	0	18.46	18.55	18.61	18.48	18.56		
20	64QAM	1	49	18.38	18.42	18.58	18.50	18.45	20	2
20	64QAM	1	99	18.29	18.38	18.49	18.38	18.45		
20	64QAM	50	0	17.53	17.55	17.66	17.55	17.52		
20	64QAM	50	24	17.43	17.55	17.61	17.48	17.56	19	3
20	64QAM	50	50	17.38	17.39	17.54	17.47	17.43		
20	64QAM	100	0	17.50	17.47	17.60	17.48	17.54		
20	256QAM	1	0	15.60	15.67	15.77	15.73	15.70		
20	256QAM	1	49	15.59	15.59	15.72	15.68	15.65	17	5
20	256QAM	1	99	15.47	15.56	15.65	15.50	15.56		
20	256QAM	50	0	15.62	15.61	15.72	15.57	15.62		
20	256QAM	50	24	15.56	15.55	15.67	15.60	15.55	17	5
20	256QAM	50	50	15.45	15.49	15.60	15.48	15.56		
20	256QAM	100	0	15.47	15.50	15.64	15.50	15.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	20.48	20.54	20.73	20.61	20.50		
15	QPSK	1	37	20.43	20.50	20.59	20.60	20.55	22.00	0
15	QPSK	1	74	20.41	20.44	20.61	20.35	20.47		
15	QPSK	36	0	19.55	19.54	19.67	19.59	19.54		
15	QPSK	36	20	19.50	19.57	19.60	19.45	19.49	21	1
15	QPSK	36	39	19.42	19.38	19.56	19.36	19.47		
15	QPSK	75	0	19.42	19.56	19.62	19.43	19.46		
15	16QAM	1	0	19.34	19.43	19.44	19.35	19.34		
15	16QAM	1	37	19.32	19.29	19.45	19.34	19.28	21	1
15	16QAM	1	74	19.23	19.23	19.33	19.35	19.25		
15	16QAM	36	0	18.38	18.50	18.61	18.57	18.48		
15	16QAM	36	20	18.36	18.47	18.54	18.51	18.45	20	2
15	16QAM	36	39	18.34	18.38	18.46	18.39	18.47		
15	16QAM	75	0	18.38	18.48	18.51	18.41	18.47		
15	64QAM	1	0	18.39	18.48	18.58	18.38	18.50		
15	64QAM	1	37	18.30	18.39	18.50	18.44	18.36	20	2
15	64QAM	1	74	18.17	18.25	18.37	18.35	18.32		
15	64QAM	36	0	17.41	17.43	17.58	17.48	17.49		
15	64QAM	36	20	17.33	17.43	17.54	17.38	17.45	19	3
15	64QAM	36	39	17.24	17.27	17.49	17.40	17.36		
15	64QAM	75	0	17.39	17.37	17.45	17.42	17.39		
15	256QAM	1	0	15.52	15.62	15.70	15.64	15.64		
15	256QAM	1	37	15.45	15.48	15.63	15.56	15.55	17	5
15	256QAM	1	74	15.34	15.44	15.54	15.44	15.46		
15	256QAM	36	0	15.48	15.53	15.65	15.53	15.58		
15	256QAM	36	20	15.51	15.47	15.53	15.48	15.47	17	5
15	256QAM	36	39	15.38	15.41	15.50	15.40	15.47		
15	256QAM	75	0	15.36	15.46	15.57	15.44	15.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	20.51	20.58	20.71	20.56	20.54		
10	QPSK	1	25	20.45	20.49	20.57	20.63	20.54	22.00	0
10	QPSK	1	49	20.36	20.39	20.56	20.41	20.48		
10	QPSK	25	0	19.59	19.54	19.70	19.57	19.55		
10	QPSK	25	12	19.45	19.52	19.58	19.54	19.49	21	1
10	QPSK	25	25	19.36	19.42	19.59	19.40	19.38		
10	QPSK	50	0	19.40	19.53	19.57	19.42	19.49		
10	16QAM	1	0	19.40	19.32	19.53	19.36	19.43		
10	16QAM	1	25	19.24	19.34	19.47	19.34	19.34	21	1
10	16QAM	1	49	19.25	19.28	19.32	19.40	19.19		
10	16QAM	25	0	18.45	18.53	18.62	18.48	18.45		
10	16QAM	25	12	18.45	18.42	18.56	18.49	18.45	20	2
10	16QAM	25	25	18.32	18.42	18.52	18.36	18.43		
10	16QAM	50	0	18.40	18.44	18.50	18.39	18.48		
10	64QAM	1	0	18.42	18.42	18.52	18.40	18.43		
10	64QAM	1	25	18.30	18.28	18.48	18.45	18.31	20	2
10	64QAM	1	49	18.16	18.34	18.38	18.29	18.41		
10	64QAM	25	0	17.41	17.41	17.61	17.45	17.38		
10	64QAM	25	12	17.36	17.42	17.55	17.44	17.46	19	3
10	64QAM	25	25	17.28	17.27	17.46	17.38	17.38		
10	64QAM	50	0	17.35	17.40	17.46	17.43	17.39		
10	256QAM	1	0	15.51	15.62	15.64	15.66	15.57		
10	256QAM	1	25	15.49	15.52	15.61	15.54	15.53	17	5
10	256QAM	1	49	15.36	15.45	15.51	15.44	15.50		
10	256QAM	25	0	15.57	15.52	15.61	15.52	15.58		
10	256QAM	25	12	15.44	15.51	15.55	15.48	15.40	17	5
10	256QAM	25	25	15.36	15.41	15.52	15.36	15.44		
10	256QAM	50	0	15.42	15.45	15.52	15.39	15.43		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	20.49	20.55	20.66	20.62	20.59		
5	QPSK	1	12	20.45	20.49	20.63	20.56	20.50	22.00	0
5	QPSK	1	24	20.41	20.40	20.55	20.36	20.43		
5	QPSK	12	0	19.48	19.42	19.63	19.51	19.63		
5	QPSK	12	7	19.52	19.51	19.55	19.55	19.45	21	1
5	QPSK	12	13	19.36	19.39	19.55	19.34	19.48		
5	QPSK	25	0	19.49	19.52	19.56	19.52	19.45		
5	16QAM	1	0	19.37	19.35	19.44	19.38	19.39		
5	16QAM	1	12	19.28	19.26	19.45	19.34	19.27	21	1
5	16QAM	1	24	19.26	19.22	19.39	19.36	19.26		
5	16QAM	12	0	18.45	18.48	18.59	18.52	18.52		
5	16QAM	12	7	18.38	18.39	18.54	18.49	18.45	20	2
5	16QAM	12	13	18.35	18.39	18.47	18.39	18.44		
5	16QAM	25	0	18.42	18.47	18.58	18.39	18.46		
5	64QAM	1	0	18.36	18.41	18.56	18.44	18.47		
5	64QAM	1	12	18.29	18.31	18.50	18.46	18.35	20	2
5	64QAM	1	24	18.20	18.34	18.46	18.26	18.31		
5	64QAM	12	0	17.41	17.44	17.60	17.41	17.39		
5	64QAM	12	7	17.30	17.46	17.57	17.36	17.45	19	3
5	64QAM	12	13	17.31	17.25	17.40	17.39	17.39		
5	64QAM	25	0	17.39	17.42	17.55	17.38	17.46		
5	256QAM	1	0	15.54	15.63	15.63	15.67	15.59		
5	256QAM	1	12	15.44	15.54	15.69	15.63	15.59	17	5
5	256QAM	1	24	15.34	15.49	15.60	15.44	15.42		
5	256QAM	12	0	15.53	15.52	15.69	15.43	15.56		
5	256QAM	12	7	15.52	15.41	15.55	15.47	15.47	17	5
5	256QAM	12	13	15.35	15.39	15.53	15.40	15.43		
5	256QAM	25	0	15.33	15.40	15.49	15.37	15.45		

Band 41 HPUE Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.57	23.61	23.76	23.74	23.68		
20	QPSK	1	49	23.56	23.61	23.67	23.64	23.53	25	0
20	QPSK	1	99	23.47	23.47	23.70	23.47	23.50		
20	QPSK	50	0	22.65	22.59	22.74	22.63	22.67		
20	QPSK	50	24	22.57	22.62	22.70	22.61	22.49	24	1
20	QPSK	50	50	22.52	22.49	22.67	22.52	22.48		
20	QPSK	100	0	22.56	22.54	22.70	22.61	22.55		
20	16QAM	1	0	22.51	22.51	22.62	22.48	22.51		
20	16QAM	1	49	22.33	22.41	22.52	22.46	22.43	24	1
20	16QAM	1	99	22.37	22.30	22.45	22.42	22.27		
20	16QAM	50	0	21.53	21.64	21.75	21.60	21.50		
20	16QAM	50	24	21.52	21.50	21.68	21.58	21.50	23	2
20	16QAM	50	50	21.47	21.45	21.60	21.49	21.49		
20	16QAM	100	0	21.47	21.62	21.61	21.56	21.59		
20	64QAM	1	0	21.45	21.51	21.59	21.46	21.58		
20	64QAM	1	49	21.41	21.37	21.53	21.53	21.44	23	2
20	64QAM	1	99	21.32	21.42	21.48	21.42	21.41		
20	64QAM	50	0	20.58	20.55	20.62	20.54	20.52		
20	64QAM	50	24	20.42	20.49	20.60	20.46	20.51	22	3
20	64QAM	50	50	20.42	20.39	20.55	20.44	20.43		
20	64QAM	100	0	20.53	20.51	20.64	20.44	20.54		
20	256QAM	1	0	18.57	18.67	18.82	18.68	18.64		
20	256QAM	1	49	18.60	18.64	18.71	18.68	18.66	20	5
20	256QAM	1	99	18.42	18.55	18.64	18.52	18.53		
20	256QAM	50	0	18.58	18.59	18.73	18.52	18.61		
20	256QAM	50	24	18.56	18.53	18.64	18.55	18.50	20	5
20	256QAM	50	50	18.42	18.54	18.56	18.49	18.59		
20	256QAM	100	0	18.48	18.52	18.62	18.46	18.61		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	23.52	23.54	23.63	23.61	23.58		
15	QPSK	1	37	23.41	23.46	23.52	23.51	23.39	25.00	0
15	QPSK	1	74	23.37	23.38	23.63	23.34	23.39		
15	QPSK	36	0	22.60	22.47	22.60	22.53	22.59		
15	QPSK	36	20	22.50	22.53	22.59	22.49	22.43	24	1
15	QPSK	36	39	22.46	22.44	22.62	22.42	22.38		
15	QPSK	75	0	22.43	22.50	22.57	22.52	22.45		
15	16QAM	1	0	22.36	22.41	22.52	22.38	22.35		
15	16QAM	1	37	22.20	22.36	22.40	22.33	22.35	24	1
15	16QAM	1	74	22.26	22.19	22.38	22.32	22.17		
15	16QAM	36	0	21.46	21.51	21.61	21.45	21.43		
15	16QAM	36	20	21.45	21.34	21.55	21.46	21.40	23	2
15	16QAM	36	39	21.34	21.33	21.47	21.37	21.39		
15	16QAM	75	0	21.35	21.47	21.48	21.47	21.45		
15	64QAM	1	0	21.34	21.36	21.46	21.36	21.54		
15	64QAM	1	37	21.32	21.33	21.38	21.47	21.40	23	2
15	64QAM	1	74	21.23	21.33	21.34	21.29	21.27		
15	64QAM	36	0	20.52	20.46	20.51	20.39	20.42		
15	64QAM	36	20	20.37	20.34	20.50	20.32	20.38	22	3
15	64QAM	36	39	20.36	20.34	20.46	20.30	20.38		
15	64QAM	75	0	20.37	20.39	20.55	20.32	20.43		
15	256QAM	1	0	18.45	18.61	18.76	18.60	18.50		
15	256QAM	1	37	18.54	18.49	18.56	18.60	18.57	20	5
15	256QAM	1	74	18.28	18.47	18.56	18.45	18.44		
15	256QAM	36	0	18.42	18.46	18.66	18.48	18.56		
15	256QAM	36	20	18.49	18.46	18.58	18.44	18.45	20	5
15	256QAM	36	39	18.26	18.48	18.50	18.38	18.45		
15	256QAM	75	0	18.34	18.48	18.55	18.38	18.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.51	23.51	23.70	23.69	23.54		
10	QPSK	1	25	23.42	23.55	23.57	23.48	23.39	25.00	0
10	QPSK	1	49	23.32	23.37	23.62	23.40	23.37		
10	QPSK	25	0	22.52	22.52	22.64	22.55	22.54		
10	QPSK	25	12	22.51	22.58	22.56	22.47	22.41	24	1
10	QPSK	25	25	22.44	22.40	22.58	22.47	22.41		
10	QPSK	50	0	22.46	22.41	22.64	22.55	22.47		
10	16QAM	1	0	22.38	22.47	22.55	22.43	22.44		
10	16QAM	1	25	22.21	22.30	22.42	22.36	22.36	24	1
10	16QAM	1	49	22.24	22.19	22.30	22.29	22.12		
10	16QAM	25	0	21.43	21.57	21.59	21.54	21.45		
10	16QAM	25	12	21.36	21.44	21.54	21.48	21.43	23	2
10	16QAM	25	25	21.36	21.33	21.44	21.34	21.34		
10	16QAM	50	0	21.36	21.56	21.46	21.43	21.54		
10	64QAM	1	0	21.30	21.45	21.49	21.38	21.54		
10	64QAM	1	25	21.28	21.24	21.48	21.49	21.40	23	2
10	64QAM	1	49	21.17	21.30	21.38	21.37	21.34		
10	64QAM	25	0	20.45	20.40	20.

Band 42 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.62	20.74	20.67	22	0
20	QPSK	1	49	20.60	20.72	20.64		
20	QPSK	1	99	20.56	20.65	20.52		
20	QPSK	50	0	19.70	19.74	19.70	21	1
20	QPSK	50	24	19.61	19.69	19.60		
20	QPSK	50	50	19.55	19.62	19.53		
20	QPSK	100	0	19.59	19.66	19.53		
20	16QAM	1	0	19.53	19.58	19.47	21	1
20	16QAM	1	49	19.40	19.53	19.42		
20	16QAM	1	99	19.38	19.46	19.37		
20	16QAM	50	0	18.59	18.70	18.61	20	2
20	16QAM	50	24	18.55	18.65	18.53		
20	16QAM	50	50	18.54	18.58	18.55		
20	16QAM	100	0	18.55	18.64	18.54		
20	64QAM	1	0	18.52	18.61	18.51	20	2
20	64QAM	1	49	18.50	18.56	18.49		
20	64QAM	1	99	18.43	18.49	18.43		
20	64QAM	50	0	17.55	17.66	17.54	19	3
20	64QAM	50	24	17.48	17.61	17.48		
20	64QAM	50	50	17.39	17.54	17.45		
20	64QAM	100	0	17.50	17.60	17.55		
20	256QAM	1	0	15.69	15.77	15.68	17	5
20	256QAM	1	49	15.61	15.72	15.68		
20	256QAM	1	99	15.57	15.65	15.57		
20	256QAM	50	0	15.69	15.72	15.57	17	5
20	256QAM	50	24	15.56	15.67	15.59		
20	256QAM	50	50	15.53	15.60	15.47		
20	256QAM	100	0	15.60	15.64	15.58		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.56	20.61	20.54	22	0
15	QPSK	1	37	20.50	20.58	20.55		
15	QPSK	1	74	20.43	20.58	20.47		
15	QPSK	36	0	19.60	19.68	19.65	21	1
15	QPSK	36	20	19.52	19.54	19.54		
15	QPSK	36	39	19.41	19.54	19.46		
15	QPSK	75	0	19.44	19.58	19.44		
15	16QAM	1	0	19.40	19.44	19.33	21	1
15	16QAM	1	37	19.37	19.42	19.29		
15	16QAM	1	74	19.25	19.42	19.28		
15	16QAM	36	0	18.48	18.57	18.46	20	2
15	16QAM	36	20	18.46	18.52	18.38		
15	16QAM	36	39	18.44	18.51	18.46		
15	16QAM	75	0	18.48	18.53	18.43		
15	64QAM	1	0	18.47	18.57	18.44	20	2
15	64QAM	1	37	18.37	18.49	18.38		
15	64QAM	1	74	18.30	18.40	18.35		
15	64QAM	36	0	17.52	17.59	17.47	19	3
15	64QAM	36	20	17.41	17.54	17.41		
15	64QAM	36	39	17.24	17.42	17.35		
15	64QAM	75	0	17.39	17.46	17.47		
15	256QAM	1	0	15.66	15.64	15.61	17	5
15	256QAM	1	37	15.56	15.57	15.60		
15	256QAM	1	74	15.53	15.54	15.49		
15	256QAM	36	0	15.63	15.60	15.45	17	5
15	256QAM	36	20	15.46	15.64	15.49		
15	256QAM	36	39	15.45	15.56	15.38		
15	256QAM	75	0	15.46	15.51	15.54		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.54	20.69	20.56	22	0
10	QPSK	1	25	20.52	20.58	20.50		
10	QPSK	1	49	20.53	20.51	20.38		
10	QPSK	25	0	19.59	19.67	19.55	21	1
10	QPSK	25	12	19.52	19.64	19.56		
10	QPSK	25	25	19.50	19.53	19.40		
10	QPSK	50	0	19.50	19.55	19.48		
10	16QAM	1	0	19.38	19.50	19.43	21	1
10	16QAM	1	25	19.33	19.48	19.29		
10	16QAM	1	49	19.25	19.34	19.32		
10	16QAM	25	0	18.52	18.58	18.52	20	2
10	16QAM	25	12	18.51	18.60	18.44		
10	16QAM	25	25	18.41	18.54	18.40		
10	16QAM	50	0	18.40	18.52	18.40		
10	64QAM	1	0	18.49	18.52	18.40	20	2
10	64QAM	1	25	18.42	18.47	18.37		
10	64QAM	1	49	18.39	18.42	18.36		
10	64QAM	25	0	17.44	17.56	17.40	19	3
10	64QAM	25	12	17.37	17.51	17.43		
10	64QAM	25	25	17.31	17.41	17.35		
10	64QAM	50	0	17.43	17.57	17.41		
10	256QAM	1	0	15.59	15.71	15.60	17	5
10	256QAM	1	25	15.56	15.67	15.58		
10	256QAM	1	49	15.44	15.60	15.44		
10	256QAM	25	0	15.58	15.68	15.54	17	5
10	256QAM	25	12	15.47	15.63	15.48		
10	256QAM	25	25	15.40	15.46	15.39		
10	256QAM	50	0	15.54	15.53	15.43		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.50	20.65	20.62	22	0
5	QPSK	1	12	20.48	20.59	20.54		
5	QPSK	1	24	20.52	20.54	20.43		
5	QPSK	12	0	19.58	19.68	19.64	21	1
5	QPSK	12	7	19.47	19.61	19.47		
5	QPSK	12	13	19.42	19.54	19.39		
5	QPSK	25	0	19.54	19.56	19.45		
5	16QAM	1	0	19.46	19.44	19.37	21	1
5	16QAM	1	12	19.26	19.40	19.38		
5	16QAM	1	24	19.29	19.35	19.23		
5	16QAM	12	0	18.45	18.65	18.57	20	2
5	16QAM	12	7	18.49	18.58	18.49		
5	16QAM	12	13	18.42	18.53	18.50		
5	16QAM	25	0	18.50	18.57	18.50		
5	64QAM	1	0	18.40	18.46	18.38	20	2
5	64QAM	1	12	18.43	18.44	18.39		
5	64QAM	1	24	18.29	18.37	18.32		
5	64QAM	12	0	17.43	17.58	17.45	19	3
5	64QAM	12	7	17.40	17.57	17.44		
5	64QAM	12	13	17.35	17.50	17.34		
5	64QAM	25	0	17.46	17.46	17.44		
5	256QAM	1	0	15.62	15.67	15.59	17	5
5	256QAM	1	12	15.52	15.64	15.53		
5	256QAM	1	24	15.44	15.55	15.50		
5	256QAM	12	0	15.59	15.61	15.53	17	5
5	256QAM	12	7	15.51	15.57	15.48		
5	256QAM	12	13	15.50	15.51	15.43		
5	256QAM	25	0	15.57	15.55	15.51		

Band 42 Part 96 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3680	3575	3590		
20	QPSK	1	0	20.44	20.61	20.51	22	0
20	QPSK	1	49	20.50	20.58	20.54		
20	QPSK	1	99	20.38	20.52	20.41		
20	QPSK	50	0	19.52	19.68	19.53	21	1
20	QPSK	50	24	19.44	19.60	19.57		
20	QPSK	50	50	19.40	19.47	19.41		
20	QPSK	100	0	19.52	19.54	19.44		
20	16QAM	1	0	19.39	19.43	19.37	21	1
20	16QAM	1	49	19.26	19.40	19.37		
20	16QAM	1	99	19.33	19.32	19.23		
20	16QAM	50	0	18.57	18.54	18.57	20	2
20	16QAM	50	24	18.47	18.52	18.48		
20	16QAM	50	50	18.38	18.41	18.48		
20	16QAM	100	0	18.42	18.53	18.40		
20	64QAM	1	0	18.42	18.51	18.34	20	2
20	64QAM	1	49	18.36	18.52	18.36		
20	64QAM	1	99	18.26	18.31	18.32		
20	64QAM	50	0	17.41	17.60	17.50	19	3
20	64QAM	50	24	17.32	17.58	17.41		
20	64QAM	50	50	17.29	17.52	17.39		
20	64QAM	100	0	17.43	17.55	17.43		
20	256QAM	1	0	15.66	15.64	15.63	17	5
20	256QAM	1	49	15.55	15.54	15.52		
20	256QAM	1	99	15.49	15.62	15.42		
20	256QAM	50	0	15.60	15.62	15.52	17	5
20	256QAM	50	24	15.49	15.59	15.50		
20	256QAM	50	50	15.45	15.43	15.43		
20	256QAM	100	0	15.48	15.49	15.51		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3575	3692.5		
15	QPSK	1	0	20.40	20.57	20.38	22	0
15	QPSK	1	37	20.35	20.53	20.40		
15	QPSK	1	74	20.36	20.43	20.37		
15	QPSK	36	0	19.45	19.56	19.46	21	1
15	QPSK	36	20	19.29	19.55	19.45		
15	QPSK	36	39	19.29	19.44	19.39		
15	QPSK	75	0	19.49	19.46	19.37		
15	16QAM	1	0	19.32	19.31	19.33	21	1
15	16QAM	1	37	19.20	19.27	19.35		
15	16QAM	1	74	19.22	19.23	19.15		
15	16QAM	36	0	18.46	18.45	18.52	20	2
15	16QAM	36	20	18.42	18.38	18.45		
15	16QAM	36	39	18.29	18.31	18.35		
15	16QAM	75	0	18.28	18.39	18.27		
15	64QAM	1	0	18.33	18.39	18.28	20	2
15	64QAM	1	37	18.32	18.48	18.24		
15	64QAM	1	74	18.18	18.23	18.24		
15	64QAM	36	0	17.37	17.46	17.36	19	3
15	64QAM	36	20	17.15	17.57	17.30		
15	64QAM	36	39	17.22	17.37	17.26		
15	64QAM	75	0	17.35	17.51	17.39		
15	256QAM	1	0	15.52	15.51	15.58	17	5
15	256QAM	1	37	15.38	15.50	15.41		
15	256QAM	1	74	15.34	15.49	15.37		
15	256QAM	36	0	15.43	15.51	15.50	17	5
15	256QAM	36	20	15.40	15.57	15.47		
15	256QAM	36	39	15.30	15.32	15.37		
15	256QAM	75	0	15.46	15.32	15.46		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3575	3695		
10	QPSK	1	0	20.30	20.59	20.46	22	0
10	QPSK	1	25	20.46	20.52	20.39		
10	QPSK	1	49	20.28	20.35	20.34		
10	QPSK	25	0	19.37	19.56	19.51	21	1
10	QPSK	25	12	19.41	19.46	19.55		
10	QPSK	25	25	19.39	19.34	19.32		
10	QPSK	50	0	19.42	19.48	19.35		
10	16QAM	1	0	19.28	19.31	19.26	21	1
10	16QAM	1	25	19.11	19.26	19.28		
10	16QAM	1	49	19.20	19.17	19.18		
10	16QAM	25	0	18.44	18.46	18.49	20	2
10	16QAM	25	12	18.39	18.36	18.36		
10	16QAM	25	25	18.30	18.24	18.36		
10	16QAM	50	0	18.26	18.37	18.31		
10	64QAM	1	0	18.33	18.42	18.20	20	2
10	64QAM	1	25	18.28	18.45	18.21		
10	64QAM	1	49	18.12	18.29	18.16		
10	64QAM	25	0	17.27	17.48	17.35	19	3
10	64QAM	25	12	17.23	17.43	17.30		
10	64QAM	25	25	17.24	17.44	17.24		
10	64QAM	50	0	17.28	17.45	17.30		
10	256QAM	1	0	15.65	15.51	15.50	17	5
10	256QAM	1	25	15.46	15.46	15.47		
10	256QAM	1	49	15.45	15.58	15.28		
10	256QAM	25	0	15.56	15.49	15.41	17	5
10	256QAM	25	12	15.33	15.46	15.43		
10	256QAM	25	25	15.41	15.38	15.32		
10	256QAM	50	0	15.37	15.45	15.44		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3575	3697.5		
5	QPSK	1	0	20.42	20.59	20.41	22	0
5	QPSK	1	12	20.37	20.56	20.38		
5	QPSK	1	24	20.29	20.50	20.27		
5	QPSK	12	0	19.46	19.55	19.50	21	1
5	QPSK	12	7	19.37	19.45	19.47		
5	QPSK	12	13	19.32	19.40	19.34		
5	QPSK	25	0	19.42	19.48	19.35		
5	16QAM	1	0	19.28	19.27	19.24	21	1
5	16QAM	1	12	19.16	19.24	19.35		
5	16QAM	1	24	19.26	19.28	19.07		
5	16QAM	12	0	18.46	18.37	18.48	20	2
5	16QAM	12	7	18.36	18.35	18.43		
5	16QAM	12	13	18.34	18.37	18.43		
5	16QAM	25	0	18.32	18.51	18.29	20	2
5	64QAM	1	0	18.36	18.42	18.31		
5	64QAM	1	12	18.29	18.36	18.25		
5	64QAM	1	24	18.12	18.18	18.15		
5	64QAM	12	0	17.31	17.48	17.47	19	3
5	64QAM	12	7	17.23	17.47	17.28		
5	64QAM	12	13	17.26	17.39	17.35		
5	64QAM	25	0	17.38	17.51	17.37		
5	256QAM	1	0	15.64	15.54	15.59	17	5
5	256QAM	1	12	15.47	15.41	15.45		
5	256QAM	1	24	15.36	15.53	15.39		
5	256QAM	12	0	15.48	15.49	15.41	17	5
5	256QAM	12	7	15.37	15.53	15.35		
5	256QAM	12	13	15.33	15.29	15.41		
5	256QAM	25	0	15.35	15.38	15.47		

Band 43 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3810	3850	3890		
20	QPSK	1	0	20.63	20.67	20.55	22	0
20	QPSK	1	49	20.58	20.62	20.52		
20	QPSK	1	99	20.40	20.55	20.44		
20	QPSK	50	0	19.49	19.59	19.47	21	1
20	QPSK	50	24	19.41	19.54	19.49		
20	QPSK	50	50	19.38	19.47	19.41		
20	QPSK	100	0	19.49	19.53	19.45		
20	16QAM	1	0	19.34	19.47	19.41	21	1
20	16QAM	1	49	19.29	19.42	19.33		
20	16QAM	1	99	19.28	19.35	19.24		
20	16QAM	50	0	18.47	18.51	18.37	20	2
20	16QAM	50	24	18.37	18.46	18.40		
20	16QAM	50	50	18.25	18.39	18.24		
20	16QAM	100	0	18.31	18.46	18.38		
20	64QAM	1	0	18.38	18.43	18.36	20	2
20	64QAM	1	49	18.29	18.38	18.34		
20	64QAM	1	99	18.18	18.31	18.23		
20	64QAM	50	0	17.32	17.44	17.36	19	3
20	64QAM	50	24	17.25	17.39	17.28		
20	64QAM	50	50	17.18	17.32	17.25		
20	64QAM	100	0	17.34	17.41	17.29		
20	256QAM	1	0	15.40	15.52	15.44	17	5
20	256QAM	1	49	15.34	15.47	15.40		
20	256QAM	1	99	15.37	15.40	15.32		
20	256QAM	50	0	15.37	15.45	15.33	17	5
20	256QAM	50	24	15.26	15.40	15.32		
20	256QAM	50	50	15.25	15.33	15.29		
20	256QAM	100	0	15.33	15.38	15.27		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3807.5	3850	3892.5		
15	QPSK	1	0	20.57	20.64	20.40	22	0
15	QPSK	1	37	20.45	20.51	20.47		
15	QPSK	1	74	20.30	20.50	20.34		
15	QPSK	36	0	19.35	19.55	19.34	21	1
15	QPSK	36	20	19.28	19.41	19.38		
15	QPSK	36	39	19.32	19.41	19.27		
15	QPSK	75	0	19.37	19.39	19.39		
15	16QAM	1	0	19.27	19.42	19.37	21	1
15	16QAM	1	37	19.17	19.36	19.20		
15	16QAM	1	74	19.14	19.29	19.19		
15	16QAM	36	0	18.37	18.38	18.30	20	2
15	16QAM	36	20	18.28	18.40	18.31		
15	16QAM	36	39	18.19	18.27	18.15		
15	16QAM	75	0	18.28	18.32	18.31		
15	64QAM	1	0	18.33	18.33	18.23	20	2
15	64QAM	1	37	18.21	18.32	18.21		
15	64QAM	1	74	18.11	18.28	18.17		
15	64QAM	36	0	17.28	17.35	17.33	19	3
15	64QAM	36	20	17.18	17.26	17.18		
15	64QAM	36	39	17.10	17.18	17.16		
15	64QAM	75	0	17.27	17.28	17.24		
15	256QAM	1	0	15.26	15.44	15.31	17	5
15	256QAM	1	37	15.30	15.39	15.32		
15	256QAM	1	74	15.33	15.29	15.20		
15	256QAM	36	0	15.26	15.37	15.22	17	5
15	256QAM	36	20	15.20	15.33	15.24		
15	256QAM	36	39	15.18	15.19	15.17		
15	256QAM	75	0	15.22	15.31	15.14		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3805	3850	3895		
10	QPSK	1	0	20.49	20.56	20.52	22	0
10	QPSK	1	25	20.45	20.55	20.45		
10	QPSK	1	49	20.25	20.46	20.33		
10	QPSK	25	0	19.42	19.50	19.43	21	1
10	QPSK	25	12	19.27	19.43	19.37		
10	QPSK	25	25	19.26	19.43	19.37		
10	QPSK	50	0	19.40	19.48	19.34		
10	16QAM	1	0	19.25	19.37	19.36	21	1
10	16QAM	1	25	19.20	19.28	19.26		
10	16QAM	1	49	19.20	19.20	19.16		
10	16QAM	25	0	18.35	18.47	18.23	20	2
10	16QAM	25	12	18.31	18.38	18.35		
10	16QAM	25	25	18.14	18.32	18.13		
10	16QAM	50	0	18.26	18.39	18.29		
10	64QAM	1	0	18.25	18.39	18.28	20	2
10	64QAM	1	25	18.22	18.28	18.24		
10	64QAM	1	49	18.08	18.23	18.11		
10	64QAM	25	0	17.20	17.35	17.25	19	3
10	64QAM	25	12	17.19	17.31	17.25		
10	64QAM	25	25	17.12	17.19	17.22		
10	64QAM	50	0	17.27	17.37	17.22		
10	256QAM	1	0	15.30	15.41	15.38	17	5
10	256QAM	1	25	15.24	15.38	15.27		
10	256QAM	1	49	15.30	15.25	15.23		
10	256QAM	25	0	15.31	15.31	15.29	17	5
10	256QAM	25	12	15.12	15.29	15.22		
10	256QAM	25	25	15.10	15.22	15.25		
10	256QAM	50	0	15.23	15.31	15.17		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3802.5	3850	3897.5		
5	QPSK	1	0	20.55	20.58	20.51	22	0
5	QPSK	1	12	20.51	20.57	20.44		
5	QPSK	1	24	20.35	20.51	20.36		
5	QPSK	12	0	19.35	19.45	19.32	21	1
5	QPSK	12	7	19.34	19.40	19.40		
5	QPSK	12	13	19.25	19.41	19.32		
5	QPSK	25	0	19.41	19.44	19.36		
5	16QAM	1	0	19.28	19.41	19.29	21	1
5	16QAM	1	12	19.21	19.36	19.29		
5	16QAM	1	24	19.25	19.23	19.20		
5	16QAM	12	0	18.41	18.37	18.24	20	2
5	16QAM	12	7	18.23	18.41	18.30		
5	16QAM	12	13	18.16	18.28	18.13		
5	16QAM	25	0	18.20	18.32	18.29		
5	64QAM	1	0	18.32	18.32	18.28	20	2
5	64QAM	1	12	18.18	18.28	18.29		
5	64QAM	1	24	18.12	18.25	18.09		
5	64QAM	12	0	17.20	17.33	17.23	19	3
5	64QAM	12	7	17.15	17.28	17.14		
5	64QAM	12	13	17.05	17.21	17.15		
5	64QAM	25	0	17.24	17.26	17.20		
5	256QAM	1	0	15.34	15.48	15.36	17	5
5	256QAM	1	12	15.29	15.34	15.26		
5	256QAM	1	24	15.25	15.36	15.22		
5	256QAM	12	0	15.26	15.35	15.22	17	5
5	256QAM	12	7	15.22	15.25	15.24		
5	256QAM	12	13	15.12	15.23	15.19		
5	256QAM	25	0	15.27	15.24	15.24		

Band 48 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.77	20.84	20.71	20.67	22	0
20	QPSK	1	49	20.71	20.79	20.67	20.62		
20	QPSK	1	99	20.69	20.72	20.59	20.58		
20	QPSK	50	0	20.51	20.64	20.54	20.56	21	1
20	QPSK	50	24	20.55	20.59	20.49	20.55		
20	QPSK	50	50	20.43	20.52	20.42	20.39		
20	QPSK	100	0	20.56	20.61	20.54	20.52		
20	16QAM	1	0	20.49	20.59	20.53	20.45	21	1
20	16QAM	1	49	20.49	20.54	20.47	20.43		
20	16QAM	1	99	20.43	20.47	20.35	20.41		
20	16QAM	50	0	19.51	19.63	19.60	19.54	20	2
20	16QAM	50	24	19.54	19.58	19.52	19.44		
20	16QAM	50	50	19.46	19.51	19.41	19.48		
20	16QAM	100	0	19.46	19.58	19.51	19.55		
20	64QAM	1	0	19.49	19.60	19.54	19.45	20	2
20	64QAM	1	49	19.45	19.55	19.41	19.43		
20	64QAM	1	99	19.36	19.48	19.41	19.40		
20	64QAM	50	0	18.70	18.73	18.67	18.69	19	3
20	64QAM	50	24	18.54	18.68	18.64	18.58		
20	64QAM	50	50	18.51	18.61	18.56	18.52		
20	64QAM	100	0	18.61	18.69	18.56	18.56		
20	256QAM	1	0	16.69	16.74	16.61	16.66	17	5
20	256QAM	1	49	16.66	16.69	16.61	16.65		
20	256QAM	1	99	16.52	16.62	16.48	16.53		
20	256QAM	50	0	16.60	16.66	16.57	16.63	17	5
20	256QAM	50	24	16.52	16.61	16.54	16.55		
20	256QAM	50	50	16.39	16.54	16.41	16.44		
20	256QAM	100	0	16.57	16.61	16.50	16.55		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.71	20.77	20.62	20.59	22	0
15	QPSK	1	37	20.60	20.69	20.60	20.51		
15	QPSK	1	74	20.60	20.62	20.55	20.49		
15	QPSK	36	0	20.48	20.50	20.48	20.47	21	1
15	QPSK	36	20	20.44	20.49	20.45	20.40		
15	QPSK	36	39	20.33	20.40	20.33	20.32		
15	QPSK	75	0	20.42	20.55	20.43	20.46		
15	16QAM	1	0	20.44	20.55	20.44	20.32	21	1
15	16QAM	1	37	20.40	20.50	20.35	20.36		
15	16QAM	1	74	20.34	20.39	20.21	20.28		
15	16QAM	36	0	19.46	19.51	19.45	19.46	20	2
15	16QAM	36	20	19.48	19.51	19.47	19.30		
15	16QAM	36	39	19.39	19.40	19.26	19.41		
15	16QAM	75	0	19.36	19.51	19.36	19.48		
15	64QAM	1	0	19.36	19.53	19.49	19.33	20	2
15	64QAM	1	37	19.41	19.45	19.33	19.36		
15	64QAM	1	74	19.26	19.41	19.29	19.30		
15	64QAM	36	0	18.55	18.67	18.56	18.59	19	3
15	64QAM	36	20	18.47	18.61	18.61	18.51		
15	64QAM	36	39	18.36	18.58	18.49	18.38		
15	64QAM	75	0	18.54	18.54	18.47	18.44		
15	256QAM	1	0	16.61	16.62	16.57	16.56	17	5
15	256QAM	1	37	16.60	16.65	16.47	16.56		
15	256QAM	1	74	16.42	16.48	16.37	16.44		
15	256QAM	36	0	16.52	16.62	16.54	16.58	17	5
15	256QAM	36	20	16.38	16.50	16.49	16.47		
15	256QAM	36	39	16.36	16.48	16.34	16.35		
15	256QAM	75	0	16.50	16.47	16.43	16.50		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.72	20.73	20.64	20.61	22	0
10	QPSK	1	25	20.65	20.66	20.59	20.52		
10	QPSK	1	49	20.59	20.60	20.54	20.52		
10	QPSK	25	0	20.38	20.61	20.47	20.44	21	1
10	QPSK	25	12	20.44	20.56	20.45	20.51		
10	QPSK	25	25	20.37	20.37	20.38	20.29		
10	QPSK	50	0	20.53	20.48	20.50	20.40		
10	16QAM	1	0	20.44	20.51	20.39	20.37	21	1
10	16QAM	1	25	20.40	20.46	20.35	20.33		
10	16QAM	1	49	20.31	20.38	20.29	20.28		
10	16QAM	25	0	19.38	19.50	19.51	19.42	20	2
10	16QAM	25	12	19.41	19.45	19.37	19.37		
10	16QAM	25	25	19.42	19.38	19.28	19.38		
10	16QAM	50	0	19.40	19.47	19.43	19.47		
10	64QAM	1	0	19.42	19.46	19.44	19.38	20	2
10	64QAM	1	25	19.35	19.44	19.35	19.36		
10	64QAM	1	49	19.27	19.33	19.27	19.31		
10	64QAM	25	0	18.64	18.60	18.61	18.62	19	3
10	64QAM	25	12	18.49	18.64	18.54	18.51		
10	64QAM	25	25	18.37	18.48	18.49	18.44		
10	64QAM	50	0	18.47	18.58	18.48	18.50		
10	256QAM	1	0	16.65	16.61	16.58	16.55	17	5
10	256QAM	1	25	16.63	16.58	16.51	16.51		
10	256QAM	1	49	16.40	16.50	16.45	16.41		
10	256QAM	25	0	16.49	16.58	16.42	16.49	17	5
10	256QAM	25	12	16.45	16.51	16.46	16.44		
10	256QAM	25	25	16.36	16.43	16.30	16.31		
10	256QAM	50	0	16.51	16.54	16.43	16.45		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.73	20.81	20.57	20.61	22	0
5	QPSK	1	12	20.62	20.64	20.57	20.51		
5	QPSK	1	24	20.60	20.61	20.50	20.51		
5	QPSK	12	0	20.42	20.53	20.48	20.47	21	1
5	QPSK	12	7	20.47	20.52	20.42	20.48		
5	QPSK	12	13	20.31	20.40	20.35	20.34		
5	QPSK	25	0	20.44	20.57	20.44	20.43		
5	16QAM	1	0	20.36	20.46	20.39	20.34	21	1
5	16QAM	1	12	20.39	20.41	20.43	20.30		
5	16QAM	1	24	20.28	20.39	20.24	20.27		
5	16QAM	12	0	19.39	19.54	19.53	19.47	20	2
5	16QAM	12	7	19.40	19.55	19.45	19.34		
5	16QAM	12	13	19.39	19.40	19.31	19.34		
5	16QAM	25	0	19.42	19.48	19.42	19.43		
5	64QAM	1	0	19.35	19.51	19.42	19.40	20	2
5	64QAM	1	12	19.39	19.41	19.34	19.30		
5	64QAM	1	24	19.27	19.37	19.37	19.29		
5	64QAM	12	0	18.56	18.68	18.53	18.55	19	3
5	64QAM	12	7	18.48	18.61	18.58	18.53		
5	64QAM	12	13	18.46	18.56	18.50	18.46		
5	64QAM	25	0	18.47	18.57	18.50	18.42		
5	256QAM	1	0	16.56	16.66	16.56	16.56	17	5
5	256QAM	1	12	16.60	16.55	16.54	16.55		
5	256QAM	1	24	16.45	16.51	16.40	16.38		
5	256QAM	12	0	16.47	16.60	16.54	16.57	17	5
5	256QAM	12	7	16.48	16.53	16.43	16.51		
5	256QAM	12	13	16.30	16.45	16.27	16.32		
5	256QAM	25	0	16.53	16.49	16.44	16.45		

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	32.34	32.26	33.50	23.18	23.34	23.26	24.50
GPRS 1 Tx slot	32.23	32.38	32.30	33.50	23.23	23.38	23.30	24.50
GPRS 2 Tx slots	29.48	29.52	29.41	30.50	23.48	23.52	23.41	24.50
GPRS 3 Tx slots	27.74	27.85	27.79	29.00	23.48	23.59	23.53	24.74
GPRS 4 Tx slots	26.27	26.35	26.27	27.00	23.27	23.35	23.27	24.00
EDGE 1 Tx slot	25.13	25.18	25.08	26.00	16.13	16.18	16.08	17.00
EDGE 2 Tx slots	23.21	23.35	23.21	25.00	17.21	17.35	17.21	19.00
EDGE 3 Tx slots	22.19	22.30	22.27	24.00	17.93	18.04	18.01	19.74
EDGE 4 Tx slots	20.02	20.14	20.07	21.00	17.02	17.14	17.07	18.00

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	29.81	29.93	29.89	30.00	20.81	20.93	20.89	21.00
GPRS 1 Tx slot	29.85	29.97	29.93	30.00	20.85	20.97	20.93	21.00
GPRS 2 Tx slots	25.58	25.62	25.50	27.00	19.58	19.62	19.50	21.00
GPRS 3 Tx slots	23.66	23.69	23.61	25.50	19.40	19.43	19.35	21.24
GPRS 4 Tx slots	21.31	21.41	21.28	22.50	18.31	18.41	18.28	19.50
EDGE 1 Tx slot	23.45	23.54	23.51	25.00	14.45	14.54	14.51	16.00
EDGE 2 Tx slots	21.84	21.91	21.79	23.50	15.84	15.91	15.79	17.50
EDGE 3 Tx slots	20.63	20.69	20.56	22.50	16.37	16.43	16.30	18.24
EDGE 4 Tx slots	18.56	18.66	18.62	20.50	15.56	15.66	15.62	17.50

Band		WCDMA IV Ant1			Tune-up Limit (dBm)	WCDMA V Ant1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		4132	4182	4233	
Rx Channel		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.81	22.89	22.78	24.00	22.40	22.46	22.30	24.00
3GPP Rel 99	RMC 12.2Kbps	22.87	22.96	22.83	24.00	22.43	22.49	22.37	24.00
3GPP Rel 6	HSDPA Subtest-1	21.95	22.02	21.87	23.00	21.55	21.60	21.37	23.00
3GPP Rel 6	HSDPA Subtest-2	21.85	21.86	21.83	23.00	21.47	21.50	21.47	23.00
3GPP Rel 6	HSDPA Subtest-3	21.28	21.46	21.37	22.50	20.86	21.05	21.00	22.50
3GPP Rel 6	HSDPA Subtest-4	21.27	21.52	21.36	22.50	20.85	21.15	20.90	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.94	22.12	21.74	23.00	21.47	21.68	21.28	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.85	21.86	21.70	23.00	21.42	21.42	21.34	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.45	21.28	21.38	22.50	21.02	20.85	20.93	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.26	21.13	21.39	22.50	20.82	20.75	20.99	22.50
3GPP Rel 6	HSUPA Subtest-1	21.90	21.98	22.06	23.00	21.51	21.56	21.61	23.00
3GPP Rel 6	HSUPA Subtest-2	19.87	19.94	19.82	21.00	19.41	19.49	19.39	21.00
3GPP Rel 6	HSUPA Subtest-3	20.92	20.93	20.82	22.00	20.54	20.48	20.44	22.00
3GPP Rel 6	HSUPA Subtest-4	19.77	19.86	19.82	21.00	19.37	19.45	19.37	21.00
3GPP Rel 6	HSUPA Subtest-5	22.04	21.68	21.73	23.00	21.58	21.32	21.38	23.00

Band 4 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.63	21.75	21.68	23	0
20	QPSK	1	49	21.59	21.70	21.62		
20	QPSK	1	99	21.54	21.68	21.53		
20	QPSK	50	0	20.95	21.03	20.95	22	1
20	QPSK	50	24	20.92	20.98	20.87		
20	QPSK	50	50	20.78	20.91	20.84		
20	QPSK	100	0	20.93	20.96	20.87		
20	16QAM	1	0	20.75	20.89	20.85	22	1
20	16QAM	1	49	20.76	20.84	20.74		
20	16QAM	1	99	20.65	20.77	20.70		
20	16QAM	50	0	19.89	19.97	19.83	21	2
20	16QAM	50	24	19.83	19.92	19.85		
20	16QAM	50	50	19.74	19.85	19.72		
20	16QAM	100	0	19.89	19.92	19.83		
20	64QAM	1	0	19.75	19.83	19.79	21	2
20	64QAM	1	49	19.65	19.78	19.66		
20	64QAM	1	99	19.56	19.71	19.59		
20	64QAM	50	0	18.90	18.98	18.89	20	3
20	64QAM	50	24	18.83	18.93	18.81		
20	64QAM	50	50	18.74	18.88	18.74		
20	64QAM	100	0	18.77	18.91	18.81		
20	256QAM	1	0	16.92	16.95	16.89	18	5
20	256QAM	1	49	16.82	16.90	16.85		
20	256QAM	1	99	16.70	16.83	16.69		
20	256QAM	50	0	16.72	16.87	16.80	18	5
20	256QAM	50	24	16.73	16.82	16.77		
20	256QAM	50	50	16.67	16.75	16.63		
20	256QAM	100	0	16.76	16.81	16.66		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.56	21.71	21.58	23	0
15	QPSK	1	37	21.54	21.70	21.53		
15	QPSK	1	74	21.45	21.60	21.40		
15	QPSK	36	0	20.80	20.94	20.89	22	1
15	QPSK	36	20	20.83	20.91	20.73		
15	QPSK	36	39	20.70	20.86	20.78		
15	QPSK	75	0	20.79	20.92	20.75		
15	16QAM	1	0	20.72	20.80	20.80	22	1
15	16QAM	1	37	20.64	20.80	20.59		
15	16QAM	1	74	20.51	20.65	20.65		
15	16QAM	36	0	19.84	19.91	19.75	21	2
15	16QAM	36	20	19.70	19.82	19.78		
15	16QAM	36	39	19.70	19.82	19.65		
15	16QAM	75	0	19.82	19.79	19.77		
15	64QAM	1	0	19.70	19.71	19.70	21	2
15	64QAM	1	37	19.53	19.67	19.60		
15	64QAM	1	74	19.48	19.59	19.52		
15	64QAM	36	0	18.80	18.87	18.77	20	3
15	64QAM	36	20	18.77	18.90	18.78		
15	64QAM	36	39	18.64	18.73	18.61		
15	64QAM	75	0	18.74	18.87	18.70		
15	256QAM	1	0	16.81	16.85	16.84	18	5
15	256QAM	1	37	16.78	16.74	16.74		
15	256QAM	1	74	16.62	16.74	16.64		
15	256QAM	36	0	16.62	16.79	16.71	18	5
15	256QAM	36	20	16.63	16.71	16.74		
15	256QAM	36	39	16.61	16.64	16.57		
15	256QAM	75	0	16.63	16.74	16.55		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.49	21.61	21.64	23	0
10	QPSK	1	25	21.53	21.62	21.51		
10	QPSK	1	49	21.42	21.57	21.41		
10	QPSK	25	0	20.85	20.90	20.88	22	1
10	QPSK	25	12	20.85	20.91	20.75		
10	QPSK	25	25	20.65	20.73	20.77		
10	QPSK	50	0	20.89	20.83	20.81		
10	16QAM	1	0	20.71	20.84	20.78	22	1
10	16QAM	1	25	20.64	20.76	20.61		
10	16QAM	1	49	20.60	20.60	20.65		
10	16QAM	25	0	19.78	19.91	19.72	21	2
10	16QAM	25	12	19.76	19.84	19.78		
10	16QAM	25	25	19.68	19.71	19.64		
10	16QAM	50	0	19.83	19.84	19.75		
10	64QAM	1	0	19.71	19.68	19.73	21	2
10	64QAM	1	25	19.50	19.69	19.56		
10	64QAM	1	49	19.45	19.67	19.51		
10	64QAM	25	0	18.78	18.84	18.83	20	3
10	64QAM	25	12	18.80	18.86	18.71		
10	64QAM	25	25	18.68	18.74	18.68		
10	64QAM	50	0	18.73	18.83	18.74		
10	256QAM	1	0	16.81	16.90	16.84	18	5
10	256QAM	1	25	16.73	16.80	16.76		
10	256QAM	1	49	16.58	16.72	16.62		
10	256QAM	25	0	16.57	16.83	16.65	18	5
10	256QAM	25	12	16.69	16.76	16.72		
10	256QAM	25	25	16.56	16.71	16.54		
10	256QAM	50	0	16.67	16.67	16.54		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.56	21.69	21.65	23	0
5	QPSK	1	12	21.48	21.60	21.57		
5	QPSK	1	24	21.48	21.57	21.42		
5	QPSK	12	0	20.80	20.97	20.81	22	1
5	QPSK	12	7	20.86	20.92	20.76		
5	QPSK	12	13	20.64	20.81	20.76		
5	QPSK	25	0	20.87	20.84	20.76		
5	16QAM	1	0	20.64	20.80	20.79	22	1
5	16QAM	1	12	20.68	20.71	20.60		
5	16QAM	1	24	20.56	20.63	20.56		
5	16QAM	12	0	19.81	19.89	19.74	21	2
5	16QAM	12	7	19.76	19.87	19.77		
5	16QAM	12	13	19.70	19.81	19.58		
5	16QAM	25	0	19.79	19.81	19.78		
5	64QAM	1	0	19.71	19.70	19.73	21	2
5	64QAM	1	12	19.58	19.66	19.60		
5	64QAM	1	24	19.50	19.67	19.55		
5	64QAM	12	0	18.84	18.91	18.83	20	3
5	64QAM	12	7	18.72	18.87	18.75		
5	64QAM	12	13	18.62	18.83	18.64		
5	64QAM	25	0	18.72	18.87	18.71		
5	256QAM	1	0	16.87	16.84	16.85	18	5
5	256QAM	1	12	16.71	16.80	16.73		
5	256QAM	1	24	16.67	16.68	16.60		
5	256QAM	12	0	16.72	16.83	16.72	18	5
5	256QAM	12	7	16.68	16.78	16.65		
5	256QAM	12	13	16.59	16.68	16.55		
5	256QAM	25	0	16.64	16.70	16.57		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.49	21.70	21.62	23	0
3	QPSK	1	8	21.52	21.61	21.59		
3	QPSK	1	14	21.45	21.53	21.40		
3	QPSK	8	0	20.89	20.99	20.87	22	1
3	QPSK	8	4	20.82	20.86	20.75		
3	QPSK	8	7	20.68	20.84	20.75		
3	QPSK	15	0	20.86	20.82	20.81		
3	16QAM	1	0	20.66	20.79	20.76	22	1
3	16QAM	1	8	20.68	20.76	20.68		
3	16QAM	1	14	20.57	20.69	20.63		
3	16QAM	8	0	19.75	19.93	19.75	21	2
3	16QAM	8	4	19.70	19.88	19.72		
3	16QAM	8	7	19.68	19.75	19.58		
3	16QAM	15	0	19.81	19.84	19.77		
3	64QAM	1	0	19.71	19.71	19.69	21	2
3	64QAM	1	8	19.54	19.64	19.59		
3	64QAM	1	14	19.51	19.60	19.50		
3	64QAM	8	0	18.84	18.85	18.84	20	3
3	64QAM	8	4	18.77	18.81	18.73		
3	64QAM	8	7	18.66	18.72	18.70		
3	64QAM	15	0	18.70	18.78	18.68		
3	256QAM	1	0	16.83	16.92	16.84	18	5
3	256QAM	1	8	16.71	16.78	16.74		
3	256QAM	1	14	16.62	16.79	16.59		
3	256QAM	8	0	16.62	16.77	16.72	18	5
3	256QAM	8	4	16.67	16.76	16.64		
3	256QAM	8	7	16.59	16.65	16.57		
3	256QAM	15	0	16.66	16.74	16.51		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.51	21.71	21.57	23	0
1.4	QPSK	1	3	21.56	21.58	21.52		
1.4	QPSK	1	5	21.45	21.50	21.42		
1.4	QPSK	3	0	21.54	21.62	21.55		
1.4	QPSK	3	1	21.50	21.57	21.55		
1.4	QPSK	3	3	21.50	21.52	21.41		
1.4	QPSK	6	0	20.82	20.98	20.81	22	1
1.4	16QAM	1	0	20.84	20.92	20.83	22	1
1.4	16QAM	1	3	20.67	20.86	20.73		
1.4	16QAM	1	5	20.88	20.81	20.78		
1.4	16QAM	3	0	20.71	20.83	20.75		
1.4	16QAM	3	1	20.70	20.76	20.62		
1.4	16QAM	3	3	20.52	20.74	20.57		
1.4	16QAM	6	0	19.79	19.93	19.76	21	2
1.4	64QAM	1	0	19.77	19.87	19.73	21	2
1.4	64QAM	1	3	19.60	19.74	19.65		
1.4	64QAM	1	5	19.76	19.85	19.79		
1.4	64QAM	3	0	19.71	19.72	19.69		
1.4	64QAM	3	1	19.58	19.69	19.62		
1.4	64QAM	3	3	19.50	19.57	19.53		
1.4	64QAM	6	0	18.83	18.95	18.78	20	3
1.4	256QAM	1	0	16.89	16.84	16.78	18	5
1.4	256QAM	1	3	16.79	16.79	16.81		
1.4	256QAM	1	5	16.63	16.70	16.60		
1.4	256QAM	3	0	16.68	16.82	16.66		
1.4	256QAM	3	1	16.65	16.73	16.68		
1.4	256QAM	3	3	16.52	16.66	16.52		
1.4	256QAM	6	0	16.72	16.70	16.51	18	5

Band 5 Ant 1

BW [MHz]	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	21.31	21.26	22	0
10	QPSK	1	25	21.16	21.28	21.20		
10	QPSK	1	49	21.08	21.15	21.12		
10	QPSK	25	0	20.29	20.34	20.23	21	1
10	QPSK	25	12	20.21	20.29	20.16		
10	QPSK	25	25	20.15	20.22	20.17		
10	QPSK	50	0	20.16	20.25	20.15		
10	16QAM	1	0	20.13	20.21	20.08	21	1
10	16QAM	1	25	20.01	20.16	20.13		
10	16QAM	1	49	20.03	20.09	20.00		
10	16QAM	25	0	19.30	19.42	19.30	20	2
10	16QAM	25	12	19.30	19.37	19.32		
10	16QAM	25	25	19.26	19.30	19.23		
10	16QAM	50	0	19.26	19.37	19.27		
10	64QAM	1	0	19.29	19.33	19.24	20	2
10	64QAM	1	25	19.16	19.28	19.21		
10	64QAM	1	49	19.09	19.21	19.08		
10	64QAM	25	0	18.37	18.44	18.36	19	3
10	64QAM	25	12	18.26	18.39	18.31		
10	64QAM	25	25	18.26	18.32	18.17		
10	64QAM	50	0	18.36	18.40	18.30		
10	256QAM	1	0	16.37	16.47	16.32	17	5
10	256QAM	1	25	16.30	16.42	16.30		
10	256QAM	1	49	16.24	16.35	16.27		
10	256QAM	25	0	16.36	16.42	16.33	17	5
10	256QAM	25	12	16.31	16.37	16.30		
10	256QAM	25	25	16.15	16.30	16.21		
10	256QAM	50	0	16.28	16.35	16.22		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.11	21.24	21.22	22	0
5	QPSK	1	12	21.07	21.16	21.05		
5	QPSK	1	24	20.99	21.04	21.08		
5	QPSK	12	0	20.20	20.31	20.10	21	1
5	QPSK	12	7	20.18	20.15	20.12		
5	QPSK	12	13	20.09	20.15	20.09		
5	QPSK	25	0	20.03	20.21	20.05		
5	16QAM	1	0	20.07	20.13	20.03	21	1
5	16QAM	1	12	19.88	20.04	20.06		
5	16QAM	1	24	19.93	20.02	19.96		
5	16QAM	12	0	19.21	19.35	19.19	20	2
5	16QAM	12	7	19.22	19.29	19.19		
5	16QAM	12	13	19.23	19.26	19.17		
5	16QAM	25	0	19.11	19.23	19.13		
5	64QAM	1	0	19.21	19.23	19.21	20	2
5	64QAM	1	12	19.03	19.16	19.13		
5	64QAM	1	24	19.00	19.16	18.94		
5	64QAM	12	0	18.33	18.34	18.28	19	3
5	64QAM	12	7	18.11	18.36	18.18		
5	64QAM	12	13	18.20	18.22	18.03		
5	64QAM	25	0	18.29	18.35	18.16		
5	256QAM	1	0	16.24	16.39	16.26	17	5
5	256QAM	1	12	16.20	16.27	16.23		
5	256QAM	1	24	16.20	16.29	16.20		
5	256QAM	12	0	16.31	16.32	16.27	17	5
5	256QAM	12	7	16.25	16.24	16.24		
5	256QAM	12	13	16.09	16.17	16.09		
5	256QAM	25	0	16.15	16.20	16.12		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.16	21.27	21.16	22	0
3	QPSK	1	8	21.11	21.21	21.09		
3	QPSK	1	14	20.95	21.00	21.03		
3	QPSK	8	0	20.24	20.29	20.18	21	1
3	QPSK	8	4	20.13	20.25	20.09		
3	QPSK	8	7	20.06	20.15	20.11		
3	QPSK	15	0	20.01	20.19	20.02		
3	16QAM	1	0	20.00	20.17	19.95	21	1
3	16QAM	1	8	19.90	20.08	20.10		
3	16QAM	1	14	19.88	19.99	19.89		
3	16QAM	8	0	19.26	19.33	19.19	20	2
3	16QAM	8	4	19.26	19.23	19.19		
3	16QAM	8	7	19.12	19.18	19.10		
3	16QAM	15	0	19.15	19.25	19.20		
3	64QAM	1	0	19.18	19.29	19.11	20	2
3	64QAM	1	8	19.02	19.17	19.15		
3	64QAM	1	14	19.00	19.18	18.97		
3	64QAM	8	0	18.32	18.38	18.29	19	3
3	64QAM	8	4	18.14	18.30	18.19		
3	64QAM	8	7	18.12	18.22	18.14		
3	64QAM	15	0	18.31	18.25	18.20		
3	256QAM	1	0	16.23	16.35	16.21	17	5
3	256QAM	1	8	16.18	16.34	16.27		
3	256QAM	1	14	16.13	16.30	16.14		
3	256QAM	8	0	16.23	16.37	16.27	17	5
3	256QAM	8	4	16.19	16.23	16.16		
3	256QAM	8	7	16.03	16.19	16.12		
3	256QAM	15	0	16.20	16.31	16.14		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.14	21.17	21.23	22	0
1.4	QPSK	1	3	21.11	21.18	21.16		
1.4	QPSK	1	5	21.00	21.12	20.98		
1.4	QPSK	3	0	21.09	21.11	21.06		
1.4	QPSK	3	1	21.08	21.01	20.96		
1.4	QPSK	3	3	20.85	20.95	20.94		
1.4	QPSK	6	0	20.24	20.28	20.18	21	1
1.4	16QAM	1	0	20.09	20.26	20.09	21	1
1.4	16QAM	1	3	20.09	20.09	20.12		
1.4	16QAM	1	5	20.05	20.22	20.05		
1.4	16QAM	3	0	20.02	20.08	19.96		
1.4	16QAM	3	1	19.97	20.09	20.07		
1.4	16QAM	3	3	19.97	20.00	19.93		
1.4	16QAM	6	0	19.20	19.36	19.23	20	2
1.4	64QAM	1	0	19.17	19.32	19.17	20	2
1.4	64QAM	1	3	19.14	19.16	19.15		
1.4	64QAM	1	5	19.18	19.25	19.20		
1.4	64QAM	3	0	19.17	19.25	19.16		
1.4	64QAM	3	1	19.13	19.13	19.06		
1.4	64QAM	3	3	18.98	19.09	18.97		
1.4	64QAM	6	0	18.26	18.38	18.27	19	3
1.4	256QAM	1	0	16.33	16.37	16.27	17	5
1.4	256QAM	1	3	16.23	16.33	16.21		
1.4	256QAM	1	5	16.20	16.21	16.15		
1.4	256QAM	3	0	16.24	16.32	16.21		
1.4	256QAM	3	1	16.27	16.27	16.26		
1.4	256QAM	3	3	16.00	16.27	16.13		
1.4	256QAM	6	0	16.14	16.23	16.16	17	5

Band 7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.17	22.30	22.22	23	0
20	QPSK	1	49	22.14	22.25	22.19		
20	QPSK	1	99	22.07	22.18	22.11		
20	QPSK	50	0	21.28	21.39	21.32	22	1
20	QPSK	50	24	21.30	21.34	21.26		
20	QPSK	50	50	21.19	21.27	21.14		
20	QPSK	100	0	21.23	21.32	21.29		
20	16QAM	1	0	21.23	21.31	21.21	22	1
20	16QAM	1	49	21.15	21.26	21.15		
20	16QAM	1	99	21.06	21.19	21.14		
20	16QAM	50	0	20.22	20.35	20.23	21	2
20	16QAM	50	24	20.19	20.30	20.16		
20	16QAM	50	50	20.20	20.23	20.11		
20	16QAM	100	0	20.21	20.28	20.23		
20	64QAM	1	0	20.11	20.23	20.10	21	2
20	64QAM	1	49	20.12	20.18	20.08		
20	64QAM	1	99	20.08	20.11	20.00		
20	64QAM	50	0	19.21	19.36	19.29	20	3
20	64QAM	50	24	19.17	19.31	19.21		
20	64QAM	50	50	19.19	19.24	19.21		
20	64QAM	100	0	19.28	19.32	19.22		
20	256QAM	1	0	17.27	17.41	17.38	18	5
20	256QAM	1	49	17.30	17.36	17.32		
20	256QAM	1	99	17.22	17.29	17.16		
20	256QAM	50	0	17.23	17.38	17.29	18	5
20	256QAM	50	24	17.25	17.33	17.28		
20	256QAM	50	50	17.20	17.26	17.18		
20	256QAM	100	0	17.19	17.33	17.23		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.03	22.26	22.11	23	0
15	QPSK	1	37	22.01	22.20	22.05		
15	QPSK	1	74	21.92	22.13	21.96		
15	QPSK	36	0	21.24	21.26	21.20	22	1
15	QPSK	36	20	21.20	21.22	21.18		
15	QPSK	36	39	21.05	21.22	21.04		
15	QPSK	75	0	21.18	21.30	21.21		
15	16QAM	1	0	21.13	21.21	21.14	22	1
15	16QAM	1	37	21.05	21.19	21.05		
15	16QAM	1	74	20.92	21.10	21.04		
15	16QAM	36	0	20.07	20.27	20.12	21	2
15	16QAM	36	20	20.09	20.20	20.11		
15	16QAM	36	39	20.11	20.12	20.08		
15	16QAM	75	0	20.13	20.19	20.18		
15	64QAM	1	0	20.05	20.17	20.01	21	2
15	64QAM	1	37	19.99	20.13	20.05		
15	64QAM	1	74	19.98	20.07	19.91		
15	64QAM	36	0	19.17	19.25	19.16	20	3
15	64QAM	36	20	19.03	19.19	19.06		
15	64QAM	36	39	19.15	19.17	19.07		
15	64QAM	75	0	19.23	19.17	19.19		
15	256QAM	1	0	17.15	17.26	17.29	18	5
15	256QAM	1	37	17.25	17.28	17.28		
15	256QAM	1	74	17.09	17.19	17.10		
15	256QAM	36	0	17.14	17.35	17.15	18	5
15	256QAM	36	20	17.22	17.18	17.16		
15	256QAM	36	39	17.08	17.13	17.08		
15	256QAM	75	0	17.09	17.25	17.16		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.13	22.22	22.15	23	0
10	QPSK	1	25	22.03	22.19	22.08		
10	QPSK	1	49	21.97	22.05	22.02		
10	QPSK	25	0	21.14	21.33	21.18	22	1
10	QPSK	25	12	21.18	21.20	21.21		
10	QPSK	25	25	21.07	21.20	20.99		
10	QPSK	50	0	21.20	21.26	21.16		
10	16QAM	1	0	21.20	21.23	21.10	22	1
10	16QAM	1	25	21.02	21.21	21.09		
10	16QAM	1	49	20.98	21.15	21.06		
10	16QAM	25	0	20.13	20.25	20.16	21	2
10	16QAM	25	12	20.14	20.26	20.13		
10	16QAM	25	25	20.09	20.14	19.99		
10	16QAM	50	0	20.15	20.23	20.18		
10	64QAM	1	0

Band 13 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.31		23	0
10	QPSK	1	25		21.26			
10	QPSK	1	49		21.23			
10	QPSK	25	0		20.43		22	1
10	QPSK	25	12		20.38			
10	QPSK	25	25		20.33			
10	QPSK	50	0		20.38			
10	16QAM	1	0		20.32		22	1
10	16QAM	1	25		20.27			
10	16QAM	1	49		20.24			
10	16QAM	25	0		19.53		21	2
10	16QAM	25	12		19.48			
10	16QAM	25	25		19.36			
10	16QAM	50	0		19.47			
10	64QAM	1	0		19.40		21	2
10	64QAM	1	25		19.35			
10	64QAM	1	49		19.22			
10	64QAM	25	0		18.48		20	3
10	64QAM	25	12		18.43			
10	64QAM	25	25		18.39			
10	64QAM	50	0		18.41			
10	256QAM	1	0		16.50		18	5
10	256QAM	1	25		16.45			
10	256QAM	1	49		16.37			
10	256QAM	25	0		16.45		18	5
10	256QAM	25	12		16.40			
10	256QAM	25	25		16.36			
10	256QAM	50	0		16.42			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.20	21.27	21.13	23	0
5	QPSK	1	12	21.15	21.20	21.11		
5	QPSK	1	24	21.22	21.29	21.20		
5	QPSK	12	0	20.19	20.30	20.16	22	1
5	QPSK	12	7	20.23	20.30	20.24		
5	QPSK	12	13	20.26	20.29	20.25		
5	QPSK	25	0	20.25	20.32	20.29		
5	16QAM	1	0	20.24	20.29	20.18	22	1
5	16QAM	1	12	20.14	20.19	20.13		
5	16QAM	1	24	20.02	20.11	20.06		
5	16QAM	12	0	19.30	19.42	19.37	21	2
5	16QAM	12	7	19.38	19.44	19.36		
5	16QAM	12	13	19.14	19.22	19.15		
5	16QAM	25	0	19.30	19.44	19.30		
5	64QAM	1	0	19.13	19.28	19.21	21	2
5	64QAM	1	12	19.21	19.25	19.15		
5	64QAM	1	24	19.03	19.11	19.07		
5	64QAM	12	0	18.35	18.44	18.40	20	3
5	64QAM	12	7	18.31	18.36	18.22		
5	64QAM	12	13	18.31	18.36	18.24		
5	64QAM	25	0	18.24	18.37	18.25		
5	256QAM	1	0	16.33	16.38	16.29	18	5
5	256QAM	1	12	16.31	16.35	16.30		
5	256QAM	1	24	16.17	16.26	16.22		
5	256QAM	12	0	16.28	16.39	16.35	18	5
5	256QAM	12	7	16.22	16.36	16.24		
5	256QAM	12	13	16.19	16.27	16.15		
5	256QAM	25	0	16.16	16.27	16.21		

Band 17 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23780	23790	23800	
Frequency (MHz)					709	710	711	
10	QPSK	1	0	21.61	21.65	21.57	23	0
10	QPSK	1	25	21.55	21.64	21.63		
10	QPSK	1	49	21.59	21.62	21.54		
10	QPSK	25	0	20.68	20.72	20.67	22	1
10	QPSK	25	12	20.57	20.67	20.59		
10	QPSK	25	25	20.53	20.60	20.48		
10	QPSK	50	0	20.53	20.66	20.53		
10	16QAM	1	0	20.46	20.59	20.48	22	1
10	16QAM	1	25	20.39	20.54	20.46		
10	16QAM	1	49	20.42	20.47	20.38		
10	16QAM	25	0	19.62	19.68	19.62	21	2
10	16QAM	25	12	19.55	19.63	19.49		
10	16QAM	25	25	19.52	19.56	19.44		
10	16QAM	50	0	19.56	19.62	19.55		
10	64QAM	1	0	19.42	19.55	19.43	21	2
10	64QAM	1	25	19.43	19.50	19.35		
10	64QAM	1	49	19.33	19.43	19.30		
10	64QAM	25	0	18.69	18.76	18.69	20	3
10	64QAM	25	12	18.62	18.71	18.59		
10	64QAM	25	25	18.51	18.64	18.53		
10	64QAM	50	0	18.58	18.71	18.60		
10	256QAM	1	0	16.67	16.77	16.65	18	5
10	256QAM	1	25	16.65	16.72	16.62		
10	256QAM	1	49	16.55	16.65	16.59		
10	256QAM	25	0	16.64	16.72	16.62	18	5
10	256QAM	25	12	16.53	16.67	16.57		
10	256QAM	25	25	16.50	16.60	16.50		
10	256QAM	50	0	16.61	16.65	16.60		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.47	21.58	21.41	23	0
5	QPSK	1	12	21.38	21.37	21.31		
5	QPSK	1	24	21.42	21.43	21.33		
5	QPSK	12	0	20.59	20.62	20.55	22	1
5	QPSK	12	7	20.54	20.53	20.54		
5	QPSK	12	13	20.48	20.54	20.44		
5	QPSK	25	0	20.49	20.56	20.49		
5	16QAM	1	0	20.34	20.48	20.34	22	1
5	16QAM	1	12	20.32	20.49	20.41		
5	16QAM	1	24	20.39	20.39	20.25		
5	16QAM	12	0	19.51	19.54	19.56	21	2
5	16QAM	12	7	19.45	19.48	19.36		
5	16QAM	12	13	19.46	19.46	19.39		
5	16QAM	25	0	19.43	19.52	19.43		
5	64QAM	1	0	19.36	19.41	19.31	21	2
5	64QAM	1	12	19.32	19.37	19.28		
5	64QAM	1	24	19.24	19.29	19.18		
5	64QAM	12	0	18.56	18.68	18.66	20	3
5	64QAM	12	7	18.50	18.65	18.51		
5	64QAM	12	13	18.37	18.52	18.42		
5	64QAM	25	0	18.46	18.60	18.48		
5	256QAM	1	0	16.55	16.63	16.50	18	5
5	256QAM	1	12	16.57	16.66	16.52		
5	256QAM	1	24	16.40	16.59	16.50		
5	256QAM	12	0	16.51	16.63	16.55	18	5
5	256QAM	12	7	16.43	16.56	16.53		
5	256QAM	12	13	16.41	16.52	16.45		
5	256QAM	25	0	16.52	16.54	16.57		

Band 26 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					26765	26865	26965	
Frequency (MHz)					821.5	831.5	841.5	
15	QPSK	1	0	21.32	21.38	21.29	22	0
15	QPSK	1	37	21.17	21.27	21.14		
15	QPSK	1	74	21.14	21.29	21.10		
15	QPSK	36	0	20.28	20.32	20.28	21	1
15	QPSK	36	20	20.21	20.27	20.14		
15	QPSK	36	39	20.17	20.20	20.12		
15	QPSK	75	0	20.24	20.27	20.17		
15	16QAM	1	0	20.19	20.22	20.19	21	1
15	16QAM	1	37	20.10	20.17	20.13		
15	16QAM	1	74	19.99	20.10	20.04		
15	16QAM	36	0	19.24	19.37	19.22	20	2
15	16QAM	36	20	19.26	19.32	19.22		
15	16QAM	36	39	19.14	19.25	19.13		
15	16QAM	75	0	19.20	19.30	19.21		
15	64QAM	1	0	19.16	19.23	19.15	20	2
15	64QAM	1	37	19.15	19.18	19.04		
15	64QAM	1	74	19.05	19.11	19.00		
15	64QAM	36	0	18.25	18.36	18.22	19	3
15	64QAM	36	20	18.19	18.31	18.17		
15	64QAM	36	39	18.13	18.24	18.14		
15	64QAM	75	0	18.19	18.32	18.29		
15	256QAM	1	0	16.31	16.38	16.30	17	5
15	256QAM	1	37	16.28	16.33	16.28		
15	256QAM	1	74	16.16	16.26	16.13		
15	256QAM	36	0	16.26	16.33	16.19	17	5
15	256QAM	36	20	16.17	16.28	16.21		
15	256QAM	36	39	16.11	16.21	16.07		
15	256QAM	75	0	16.15	16.26	16.22		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.20	21.26	21.26	22	0
10	QPSK	1	25	21.13	21.15	21.01		
10	QPSK	1	49	21.10	21.14	21.04		
10	QPSK	25	0	20.24	20.20	20.24	21	1
10	QPSK	25	12	20.17	20.23	19.99		
10	QPSK	25	25	20.03	20.12	20.08		
10	QPSK	50	0	20.14	20.15	20.02		
10	16QAM	1	0	20.07	20.18	20.04	21	1
10	16QAM	1	25	20.05	20.08	20.07		
10	16QAM	1	49	19.88	20.01	19.96		
10	16QAM	25	0	19.18	19.31	19.10	20	2
10	16QAM	25	12	19.12	19.23	19.17		
10	16QAM	25	25	19.08	19.15	19.03		
10	16QAM	50	0	19.09	19.27	19.13		
10	64QAM	1	0	19.01	19.17	19.02	20	2
10	64QAM	1	25	19.11	19.13	18.98		
10	64QAM	1	49	18.91	19.07	18.97		
10	64QAM	25	0	18.19	18.31	18.10	19	3
10	64QAM	25	12	18.06	18.19	18.07		
10	64QAM	25	25	18.07	18.22	18.23		
10	64QAM	50	0	18.07	18.22	18.23		
10	256QAM	1	0	16.24	16.27	16.19	17	5
10	256QAM	1	25	16.17	16.27	16.20		
10	256QAM	1	49	16.05	16.18	16.05		
10	256QAM	25	0	16.22	16.24	16.05	17	5
10	256QAM	25	12	16.09	16.23	16.16		
10	256QAM	25	25	16.03	16.11	15.94		
10	256QAM	50	0	16.06	16.22	16.08		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.19	21.34	21.20	22	0
5	QPSK	1	12	21.11	21.12	21.05		
5	QPSK	1	24	21.09	21.09	20.96		
5	QPSK	12	0	20.24	20.26	20.23	21	1
5	QPSK	12	7	20.17	20.13	20.09		
5	QPSK	12	13	20.07	20.11	20.04		
5	QPSK	25	0	20.14	20.12	20.13		
5	16QAM	1	0	20.10	20.17	20.08	21	1
5	16QAM	1	12	19.96	20.09	20.05		
5	16QAM	1	24	19.85	20.04	19.91		
5	16QAM	12	0	19.21	19.25	19.13	20	2
5	16QAM	12	7	19.14	19.21	19.19		
5	16QAM	12	13	19.09	19.14	19.06		
5	16QAM	25	0	19.16	19.18	19.07		
5	64QAM	1	0	19.11	19.15	19.06	20	2
5	64QAM	1	12	19.00	19.09	18.92		
5	64QAM	1	24	19.00	18.98	18.92		
5	64QAM	12	0	18.16	18.26	18.13	19	3
5	64QAM	12	7	18.09	18.26	18.11		
5	64QAM	12	13	17.98	18.15	18.03		
5	64QAM	25	0	18.10	18.22	18.18		
5	256QAM	1	0	16.24	16.34	16.17	17	5
5	256QAM	1	12	16.18	16.27	16.17		
5	256QAM	1	24	16.11	16.20	16.00		
5	256QAM	12	0	16.22	16.19	16.06	17	5
5	256QAM	12	7	16.13	16.17	16.09		
5	256QAM	12	13	16.01	16.12	15.92		
5	256QAM	25	0	16.03	16.20	16.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.23	21.32	21.17	22	0
3	QPSK	1	8	21.07	21.20	21.08		
3	QPSK	1	14	21.09	21.15	20.96		
3	QPSK	8	0	20.16	20.20	20.16	21	1
3	QPSK	8	4	20.09	20.12	20.05		
3	QPSK	8	7	20.09	20.10	20.02		
3	QPSK	15	0	20.19	20.20	20.07		
3	16QAM	1	0	20.15	20.18	20.04	21	1
3	16QAM	1	8	20.03	20.06	20.07		
3	16QAM	1	14	19.95	19.96	20.01		
3	16QAM	8	0	19.13	19.33	19.12	20	2
3	16QAM	8	4	19.23	19.24	19.10		
3	16QAM	8	7	18.99	19.12	18.99		
3	16QAM	15	0	19.10	19.25	19.09		
3	64QAM	1	0	19.11	19.14	19.05	20	2
3	64QAM	1	8	19.06	19.03	18.92		
3	64QAM	1	14	18.93	18.97	18.91		
3	64QAM	8	0	18.11	18.31	18.19	19	3
3	64QAM	8	4	18.10	18.18	18.03		
3	64QAM	8	7	18.03	18.17	18.03		
3	64QAM	15	0	18.04	18.29	18.15		
3	256QAM	1	0	16.25	16.26	16.24	17	5
3	256QAM	1	8	16.23	16.21	16.21		
3	256QAM	1	14	16.03	16.23	16.01		
3	256QAM	8	0	16.23	16.22	16.15	17	5
3	256QAM	8	4	16.02	16.22	16.06		
3	256QAM	8	7	16.02	16.12	15.92		
3	256QAM	15	0	16.08	16.12	16.14		
Channel				26927	26865	27031	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.20	21.28	21.17	22	0
1.4	QPSK	1	3	21.11	21.21	21.01		
1.4	QPSK	1	5	21.04	21.14	21.02		
1.4	QPSK	3	0	21.05	21.28	21.04		
1.4	QPSK	3	1	21.09	21.08	21.04		
1.4	QPSK	3	3	20.99	21.14	21.03		
1.4	QPSK	6	0	20.15	20.21	20.21	21	1
1.4	16QAM	1	0	20.09	20.19	20.03	21	1
1.4	16QAM	1	3	20.08	20.06	20.09		
1.4	16QAM	1	5	20.16	20.16	20.10		
1.4	16QAM	3	0	20.07	20.15	20.08		
1.4	16QAM	3	1	20.03	20.05	20.06		
1.4	16QAM	3	3	19.85	19.96	19.96		
1.4	16QAM	6	0	19.10	19.25	19.10	20	2
1.4	64QAM	1	0	19.11	19.18	19.16	20	2
1.4	64QAM	1	3	19.09	19.10	19.07		
1.4	64QAM	1	5	19.13	19.19	19.15		
1.4	64QAM	3	0	19.10	19.08	19.06		
1.4	64QAM	3	1	19.08	19.12	18.93		
1.4	64QAM	3	3	18.98	19.00	18.90		
1.4	64QAM	6	0	18.15	18.25	18.16	19	3
1.4	256QAM	1	0	16.20	16.30	16.16	17	5
1.4	256QAM	1	3	16.19	16.24	16.23		
1.4	256QAM	1	5	16.11	16.18	16.02		
1.4	256QAM	3	0	16.23	16.25	16.09		
1.4	256QAM	3	1	16.09	16.17	16.07		
1.4	256QAM	3	3	16.00	16.08	15.99		
1.4	256QAM	6	0	16.04	16.21	16.11	17	5

Band 66 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					132072	132322	132572	
Frequency (MHz)					1720	1745	1770	
20	QPSK	1	0	21.72	21.83	21.76	23	0
20	QPSK	1	49	21.67	21.78	21.71		
20	QPSK	1	99	21.58	21.73	21.67		
20	QPSK	50	0	20.77	20.85	20.82	22	1
20	QPSK	50	24	20.66	20.80	20.73		
20	QPSK	50	50	20.68	20.73	20.59		
20	QPSK	100	0	20.65	20.77	20.72		
20	16QAM	1	0	20.69	20.74	20.66	22	1
20	16QAM	1	49	20.57	20.69	20.56		
20	16QAM	1	99	20.56	20.62	20.55		
20	16QAM	50	0	19.64	19.78	19.68	21	2
20	16QAM	50	24	19.63	19.73	19.63		
20	16QAM	50	50	19.63	19.66	19.61		
20	16QAM	100	0	19.64	19.71	19.68		
20	64QAM	1	0	19.52	19.64	19.49	21	2
20	64QAM	1	49	19.51	19.59	19.52		
20	64QAM	1	99	19.45	19.52	19.41		
20	64QAM	50	0	18.61	18.69	18.54	20	3
20	64QAM	50	24	18.58	18.64	18.61		
20	64QAM	50	50	18.53	18.57	18.51		
20	64QAM	100	0	18.52	18.62	18.54		
20	256QAM	1	0	16.61	16.75	16.64	18	5
20	256QAM	1	49	16.65	16.70	16.65		
20	256QAM	1	99	16.48	16.63	16.57		
20	256QAM	50	0	16.62	16.71	16.66	18	5
20	256QAM	50	24	16.60	16.66	16.55		
20	256QAM	50	50	16.49	16.59	16.45		
20	256QAM	100	0	16.61	16.68	16.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.59	21.72	21.67	23	0
15	QPSK	1	37	21.60	21.71	21.63		
15	QPSK	1	74	21.54	21.58	21.62		
15	QPSK	36	0	20.74	20.79	20.75	22	1
15	QPSK	36	20	20.58	20.68	20.66		
15	QPSK	36	39	20.55	20.62	20.55		
15	QPSK	75	0	20.52	20.70	20.69		
15	16QAM	1	0	20.65	20.68	20.53	22	1
15	16QAM	1	37	20.48	20.55	20.49		
15	16QAM	1	74	20.45	20.51	20.45		
15	16QAM	36	0	19.50	19.74	19.61	21	2
15	16QAM	36	20	19.53	19.60	19.53		
15	16QAM	36	39	19.52	19.60	19.57		
15	16QAM	75	0	19.52	19.61	19.58		
15	64QAM	1	0	19.42	19.55	19.40	21	2
15	64QAM	1	37	19.43	19.51	19.40		
15	64QAM	1	74	19.35	19.39	19.30		
15	64QAM	36	0	18.56	18.57	18.42	20	3
15	64QAM	36	20	18.52	18.58	18.50		
15	64QAM	36	39	18.48	18.50	18.42		
15	64QAM	75	0	18.48	18.59	18.48		
15	256QAM	1	0	16.55	16.66	16.50	18	5
15	256QAM	1	37	16.62	16.65	16.61		
15	256QAM	1	74	16.38	16.55	16.49		
15	256QAM	36	0	16.56	16.58	16.55	18	5
15	256QAM	36	20	16.56	16.54	16.47		
15	256QAM	36	39	16.39	16.50	16.32		
15	256QAM	75	0	16.50	16.55	16.47		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.65	21.80	21.69	23	0
10	QPSK	1	25	21.55	21.72	21.66		
10	QPSK	1	49	21.54	21.64	21.60		
10	QPSK	25	0	20.64	20.76	20.77	22	1
10	QPSK	25	12	20.55	20.72	20.66		
10	QPSK	25	25	20.57	20.70	20.56		
10	QPSK	50	0	20.51	20.66	20.58		
10	16QAM	1	0	20.64	20.59	20.51	22	1
10	16QAM	1	25	20.51	20.59	20.43		
10	16QAM	1	49	20.50	20.51	20.46		
10	16QAM	25	0	19.52	19.64	19.59	21	2
10	16QAM	25	12	19.51	19.63	19.59		
10	16QAM	25	25	19.59	19.62	19.57		
10	16QAM	50	0	19.60	19.63	19.60		
10	64QAM	1	0	19.38	19.61	19.40	21	2
10	64QAM	1	25	19.48	19.48	19.41		
10	64QAM	1	49	19.38	19.42	19.30		
10	64QAM	25	0	18.50	18.55	18.47	20	3
10	64QAM	25	12	18.48	18.60	18.49		
10	64QAM	25	25	18.41	18.47	18.45		
10	64QAM	50	0	18.44	18.56	18.48		
10	256QAM	1	0	16.58	16.64	16.60	18	5
10	256QAM	1	25	16.58	16.66	16.58		
10	256QAM	1	49	16.41	16.53	16.53		
10	256QAM	25	0	16.54	16.58	16.61	18	5
10	256QAM	25	12	16.48	16.59	16.40		
10	256QAM	25	25	16.46	16.46	16.41		
10	256QAM	50	0	16.57	16.54	16.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.64	21.77	21.72	23	0
5	QPSK	1	12	21.60	21.70	21.62		
5	QPSK	1	24	21.46	21.57	21.63		
5	QPSK	12	0	20.64	20.78	20.73	22	1
5	QPSK	12	7	20.63	20.70	20.59		
5	QPSK	12	13	20.60	20.62	20.45		
5	QPSK	25	0	20.57	20.71	20.60		
5	16QAM	1	0	20.59	20.68	20.60	22	1
5	16QAM	1	12	20.47	20.60	20.49		
5	16QAM	1	24	20.53	20.54	20.50		
5	16QAM	12	0	19.50	19.66	19.55	21	2
5	16QAM	12	7	19.53	19.59	19.51		
5	16QAM	12	13	19.56	19.58	19.58		
5	16QAM	25	0	19.55	19.60	19.64		
5	64QAM	1	0	19.39	19.53	19.39	21	2
5	64QAM	1	12	19.36	19.46	19.43		
5	64QAM	1	24	19.36	19.43	19.35		
5	64QAM	12	0	18.49	18.55	18.41	20	3
5	64QAM	12	7	18.55	18.61	18.51		
5	64QAM	12	13	18.41	18.43	18.39		
5	64QAM	25	0	18.48	18.53	18.46		

Band 38 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.41	22.53	22.49	24	0
20	QPSK	1	49	22.32	22.35	22.39		
20	QPSK	1	99	22.25	22.32	22.29		
20	QPSK	50	0	21.48	21.53	21.47	23	1
20	QPSK	50	24	21.36	21.45	21.40		
20	QPSK	50	50	21.31	21.41	21.31		
20	QPSK	100	0	21.37	21.48	21.34		
20	16QAM	1	0	21.32	21.38	21.36	23	1
20	16QAM	1	49	21.28	21.43	21.31		
20	16QAM	1	99	21.30	21.35	21.16		
20	16QAM	50	0	20.41	20.54	20.36	22	2
20	16QAM	50	24	20.34	20.39	20.33		
20	16QAM	50	50	20.20	20.37	20.29		
20	16QAM	100	0	20.39	20.40	20.42		
20	64QAM	1	0	20.28	20.41	20.40	22	2
20	64QAM	1	49	20.26	20.31	20.34		
20	64QAM	1	99	20.29	20.33	20.14		
20	64QAM	50	0	19.34	19.49	19.38	21	3
20	64QAM	50	24	19.41	19.46	19.29		
20	64QAM	50	50	19.26	19.45	19.30		
20	64QAM	100	0	19.34	19.43	19.44		
20	256QAM	1	0	17.42	17.47	17.34	19	5
20	256QAM	1	49	17.32	17.44	17.31		
20	256QAM	1	99	17.20	17.34	17.23		
20	256QAM	50	0	17.28	17.36	17.33	19	5
20	256QAM	50	24	17.20	17.40	17.27		
20	256QAM	50	50	17.18	17.27	17.12		
20	256QAM	100	0	17.30	17.35	17.17		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.26	22.49	22.41	24	0
15	QPSK	1	37	22.19	22.23	22.30		
15	QPSK	1	74	22.12	22.20	22.21		
15	QPSK	36	0	21.40	21.42	21.36	23	1
15	QPSK	36	20	21.25	21.35	21.31		
15	QPSK	36	39	21.20	21.36	21.17		
15	QPSK	75	0	21.23	21.42	21.29		
15	16QAM	1	0	21.27	21.28	21.25	23	1
15	16QAM	1	37	21.22	21.39	21.19		
15	16QAM	1	74	21.25	21.26	21.04		
15	16QAM	36	0	20.30	20.45	20.22	22	2
15	16QAM	36	20	20.19	20.28	20.30		
15	16QAM	36	39	20.17	20.22	20.16		
15	16QAM	75	0	20.35	20.26	20.38		
15	64QAM	1	0	20.13	20.35	20.37	22	2
15	64QAM	1	37	20.14	20.25	20.29		
15	64QAM	1	74	20.15	20.29	20.06		
15	64QAM	36	0	19.28	19.41	19.33	21	3
15	64QAM	36	20	19.36	19.36	19.24		
15	64QAM	36	39	19.21	19.36	19.26		
15	64QAM	75	0	19.27	19.36	19.31		
15	256QAM	1	0	17.34	17.40	17.24	19	5
15	256QAM	1	37	17.27	17.37	17.22		
15	256QAM	1	74	17.16	17.27	17.14		
15	256QAM	36	0	17.19	17.24	17.27	19	5
15	256QAM	36	20	17.16	17.33	17.13		
15	256QAM	36	39	17.15	17.12	17.03		
15	256QAM	75	0	17.16	17.30	17.07		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.29	22.47	22.41	24	0
10	QPSK	1	25	22.23	22.30	22.27		
10	QPSK	1	49	22.19	22.21	22.25		
10	QPSK	25	0	21.34	21.38	21.41	23	1
10	QPSK	25	12	21.28	21.36	21.32		
10	QPSK	25	25	21.17	21.37	21.25		
10	QPSK	50	0	21.32	21.44	21.27		
10	16QAM	1	0	21.23	21.26	21.30	23	1
10	16QAM	1	25	21.13	21.37	21.27		
10	16QAM	1	49	21.22	21.28	21.08		
10	16QAM	25	0	20.36	20.50	20.29	22	2
10	16QAM	25	12	20.28	20.28	20.27		
10	16QAM	25	25	20.11	20.29	20.20		
10	16QAM	50	0	20.33	20.29	20.34		
10	64QAM	1	0	20.14	20.36	20.29	22	2
10	64QAM	1	25	20.18	20.20	20.24		
10	64QAM	1	49	20.15	20.30	20.02		
10	64QAM	25	0	19.20	19.40	19.27	21	3
10	64QAM	25	12	19.33	19.32	19.25		
10	64QAM	25	25	19.16	19.32	19.22		
10	64QAM	50	0	19.24	19.30	19.36		
10	256QAM	1	0	17.37	17.41	17.21	19	5
10	256QAM	1	25	17.27	17.32	17.18		
10	256QAM	1	49	17.16	17.27	17.09		
10	256QAM	25	0	17.16	17.23	17.30	19	5
10	256QAM	25	12	17.13	17.31	17.14		
10	256QAM	25	25	17.10	17.20	17.09		
10	256QAM	50	0	17.18	17.27	17.10		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.26	22.40	22.42	24	0
5	QPSK	1	12	22.27	22.21	22.34		
5	QPSK	1	24	22.17	22.17	22.21		
5	QPSK	12	0	21.43	21.47	21.44	23	1
5	QPSK	12	7	21.30	21.39	21.30		
5	QPSK	12	13	21.20	21.36	21.22		
5	QPSK	25	0	21.30	21.44	21.19		
5	16QAM	1	0	21.27	21.30	21.27	23	1
5	16QAM	1	12	21.15	21.32	21.22		
5	16QAM	1	24	21.23	21.31	21.04		
5	16QAM	12	0	20.36	20.40	20.32	22	2
5	16QAM	12	7	20.28	20.30	20.20		
5	16QAM	12	13	20.11	20.29	20.15		
5	16QAM	25	0	20.35	20.31	20.29		
5	64QAM	1	0	20.21	20.28	20.27	22	2
5	64QAM	1	12	20.16	20.22	20.23		
5	64QAM	1	24	20.25	20.28	20.07		
5	64QAM	12	0	19.28	19.35	19.27	21	3
5	64QAM	12	7	19.38	19.39	19.34		
5	64QAM	12	13	19.23	19.35	19.19		
5	64QAM	25	0	19.24	19.29	19.31		
5	256QAM	1	0	17.30	17.33	17.22	19	5
5	256QAM	1	12	17.23	17.35	17.25		
5	256QAM	1	24	17.05	17.29	17.19		
5	256QAM	12	0	17.13	17.30	17.29	19	5
5	256QAM	12	7	17.13	17.30	17.21		
5	256QAM	12	13	17.09	17.18	17.06		
5	256QAM	25	0	17.15	17.31	17.06		

Band 41 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.54	22.62	22.69	22.51	22.48	24	0
20	QPSK	1	49	22.50	22.59	22.64	22.46	22.43		
20	QPSK	1	99	22.52	22.51	22.57	22.38	22.35		
20	QPSK	50	0	21.54	21.57	21.64	21.55	21.44	23	1
20	QPSK	50	24	21.50	21.45	21.59	21.47	21.43		
20	QPSK	50	50	21.38	21.47	21.52	21.42	21.31		
20	QPSK	100	0	21.50	21.45	21.58	21.43	21.39		
20	16QAM	1	0	21.40	21.46	21.53	21.38	21.40	23	1
20	16QAM	1	49	21.42	21.33	21.48	21.36	21.33		
20	16QAM	1	99	21.37	21.30	21.41	21.26	21.22		
20	16QAM	50	0	20.54	20.53	20.62	20.46	20.38	22	2
20	16QAM	50	24	20.43	20.43	20.57	20.45	20.40		
20	16QAM	50	50	20.41	20.37	20.50	20.31	20.32		
20	16QAM	100	0	20.53	20.51	20.57	20.39	20.37		
20	64QAM	1	0	20.38	20.40	20.51	20.31	20.35	22	2
20	64QAM	1	49	20.39	20.35	20.46	20.29	20.32		
20	64QAM	1	99	20.28	20.29	20.39	20.21	20.21		
20	64QAM	50	0	19.48	19.58	19.63	19.53	19.38	21	3
20	64QAM	50	24	19.43	19.51	19.58	19.39	19.41		
20	64QAM	50	50	19.37	19.40	19.51	19.34	19.28		
20	64QAM	100	0	19.52	19.42	19.56	19.39	19.39		
20	256QAM	1	0	17.54	17.62	17.66	17.49	17.44	19	5
20	256QAM	1	49	17.54	17.54	17.61	17.52	17.38		
20	256QAM	1	99	17.42	17.43	17.54	17.45	17.33		
20	256QAM	50	0	17.48	17.59	17.62	17.52	17.45	19	5
20	256QAM	50	24	17.44	17.47	17.57	17.45	17.42		
20	256QAM	50	50	17.46	17.42	17.50	17.36	17.33		
20	256QAM	100	0	17.38	17.35	17.47	17.32	17.31		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.42	22.52	22.63	22.43	22.40	24.00	0
15	QPSK	1	37	22.45	22.54	22.54	22.41	22.31		
15	QPSK	1	74	22.40	22.40	22.48	22.29	22.22		
15	QPSK	36	0	21.45	21.53	21.49	21.43	21.36	23	1
15	QPSK	36	20	21.45	21.38	21.53	21.41	21.30		
15	QPSK	36	39	21.25	21.36	21.40	21.35	21.27		
15	QPSK	75	0	21.42	21.32	21.45	21.37	21.34		
15	16QAM	1	0	21.28	21.39	21.40	21.26	21.27	23	1
15	16QAM	1	37	21.37	21.19	21.37	21.25	21.23		
15	16QAM	1	74	21.23	21.20	21.29	21.20	21.14		
15	16QAM	36	0	20.48	20.40	20.59	20.42	20.24	22	2
15	16QAM	36	20	20.29	20.29	20.46	20.41	20.26		
15	16QAM	36	39	20.31	20.32	20.41	20.21	20.26		
15	16QAM	75	0	20.43	20.43	20.49	20.28	20.33		
15	64QAM	1	0	20.33	20.37	20.45	20.20	20.29	22	2
15	64QAM	1	37	20.33	20.24	20.36	20.20	20.21		
15	64QAM	1	74	20.16	20.15	20.30	20.13	20.12		
15	64QAM	36	0	19.42	19.44	19.57	19.39	19.31	21	3
15	64QAM	36	20	19.37	19.44	19.51	19.31	19.36		
15	64QAM	36	39	19.32	19.33	19.47	19.20	19.13		
15	64QAM	75	0	19.43	19.33	19.43	19.35	19.32		
15	256QAM	1	0	17.43	17.55	17.55	17.43	17.34	19	5
15	256QAM	1	37	17.45	17.46	17.56	17.39	17.34		
15	256QAM	1	74	17.30	17.39	17.48	17.35	17.22		
15	256QAM	36	0	17.34	17.53	17.49	17.43	17.38	19	5
15	256QAM	36	20	17.31	17.36	17.53	17.33	17.32		
15	256QAM	36	39	17.41	17.37	17.44	17.24	17.25		
15	256QAM	75	0	17.24	17.29	17.40	17.19	17.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.40	22.58	22.57	22.38	22.37	24.00	0
10	QPSK	1	25	22.43	22.44	22.51	22.32	22.35		
10	QPSK	1	49	22.47	22.39	22.42	22.35	22.22		
10	QPSK	25	0	21.49	21.43	21.59	21.44	21.37	23	1
10	QPSK	25	12	21.41	21.36	21.46	21.37	21.35		
10	QPSK	25	25	21.26	21.36	21.48	21.33	21.16		
10	QPSK	50	0	21.44	21.39	21.46	21.29	21.25		
10	16QAM	1	0	21.36	21.42	21.39	21.35	21.33	23	1
10	16QAM	1	25	21.36	21.22	21.34	21.28	21.29		
10	16QAM	1	49	21.33	21.18	21.34	21.21	21.18		
10	16QAM	25	0	20.40	20.41	20.48	20.34	20.30	22	2
10	16QAM	25	12	20.38	20.33	20.54	20.32	20.32		
10	16QAM	25	25	20.30	20.24	20.35	20.26	20.19		
10	16QAM	50	0	20.38	20.47	20.47	20.35	20.32		
10	64QAM	1	0	20.26	20.27	20.38	20.20	20.23	22	2
10	64QAM	1	25	20.29	20.21	20.41	20.17	20.27		
10	64QAM	1	49	20.16	20.24	20.28	20.17	20.14		
10	64QAM	25	0	19.35	19.51	19.55	19.43	19.35	21	3
10	64QAM	25	12	19.40	19.45	19.45	19.24	19.29		
10	64QAM	25	25	19.29	19.28	19.39	19.27	19.14		
10	64QAM	50	0	19.40	19.37	19.42	19.28	19.29		
10	256QAM	1	0	17.48	17.52	17.58	17.36	17.30	19	5
10	256QAM	1	25	17.45	17.43	17.55	17.49	17.24		
10	256QAM	1	49	17.31	17.30	17.47	17.34	17.29		
10	256QAM	25	0	17.36	17.54	17.51	17.39	17.34	19	5
10	256QAM	25	12	17.39	17.39	17.54	17.41	17.31		
10	256QAM	25	25	17.32	17.32	17.36	17.24	17.25		
10	256QAM	50	0	17.34	17.31	17.41	17.19	17.19		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.48	22.56	22.66	22.43	22.41	24.00	0
5	QPSK	1	12	22.40	22.55	22.54	22.35	22.29		
5	QPSK	1	24	22.41	22.44	22.54	22.32	22.30		
5	QPSK	12	0	21.40	21.48	21.58	21.44	21.33	23	1
5	QPSK	12	7	21.45	21.39	21.50	21.43	21.32		
5	QPSK	12	13	21.25	21.33	21.42	21.37	21.21		
5	QPSK	25	0	21.43	21.41	21.52	21.36	21.24		
5	16QAM	1	0	21.27	21.33	21.38	21.29	21.25	23	1
5	16QAM	1	12	21.33	21.26	21.43	21.29	21.22		
5	16QAM	1	24	21.25	21.17	21.29	21.18	21.13		
5	16QAM	12	0	20.42	20.45	20.56	20.33	20.31	22	2
5	16QAM	12	7	20.34	20.33	20.44	20.36	20.28		
5	16QAM	12	13	20.32	20.26	20.39	20.27	20.18		
5	16QAM	25	0	20.48	20.37	20.47	20.35	20.26		
5	64QAM	1	0	20.34	20.35	20.44	20.21	20.27	22	2
5	64QAM	1	12	20.24	20.26	20.37	20.25	20.24		
5	64QAM	1	24	20.14	20.24	20.31	20.11	20.17		
5	64QAM	12	0	19.41	19.45	19.54	19.43	19.31	21	3
5	64QAM	12	7	19.45	19.45	19.49	19.24	19.34		
5	64QAM	12	13	19.32	19.36	19.46	19.21	19.19		
5	64QAM	25	0	19.42	19.38	19.46	19.31	19.34		
5	256QAM	1	0	17.39	17.47	17.58	17.43	17.40	19	5
5	256QAM	1	12	17.45	17.46	17.54	17.47	17.35		
5	256QAM	1	24	17.28	17.28	17.43	17.37	17.28		
5	256QAM	12	0	17.36	17.50	17.57	17.46	17.30	19	5
5	256QAM	12	7	17.35	17.43	17.50	17.33	17.34		
5	256QAM	12	13	17.32	17.33	17.36	17.32	17.27		
5	256QAM	25	0	17.25	17.31	17.35	17.19	17.16		

Band 41 HPUE Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.50	25.47	25.54	25.41	25.55	27	0
20	QPSK	1	49	25.33	25.40	25.58	25.35	25.53		
20	QPSK	1	99	25.29	25.33	25.51	25.31	25.41		
20	QPSK	50	0	25.33	25.30	25.49	25.29	25.37	27	0
20	QPSK	50	24	25.27	25.29	25.46	25.27	25.33		
20	QPSK	50	50	25.18	25.22	25.40	25.18	25.26		
20	QPSK	100	0	25.19	25.19	25.38	25.22	25.28		
20	16QAM	1	0	25.18	25.28	25.42	25.23	25.34	27	0
20	16QAM	1	49	25.20	25.14	25.39	25.16	25.28		
20	16QAM	1	99	25.16	25.13	25.35	25.12	25.27		
20	16QAM	50	0	24.29	24.40	24.53	24.34	24.44	26	1
20	16QAM	50	24	24.32	24.26	24.50	24.27	24.42		
20	16QAM	50	50	24.21	24.24	24.46	24.22	24.39		
20	16QAM	100	0	24.25	24.23	24.42	24.19	24.28		
20	64QAM	1	0	24.57	24.66	24.80	24.57	24.75	26	1
20	64QAM	1	49	24.55	24.52	24.74	24.54	24.66		
20	64QAM	1	99	24.52	24.55	24.70	24.50	24.65		
20	64QAM	50	0	23.37	23.35	23.56	23.39	23.46	25	2
20	64QAM	50	24	23.33	23.33	23.53	23.31	23.45		
20	64QAM	50	50	23.35	23.25	23.49	23.33	23.44		
20	64QAM	100	0	23.23	23.29	23.44	23.31	23.33		
20	256QAM	1	0	21.51	21.49	21.68	21.44	21.58	23	4
20	256QAM	1	49	21.43	21.41	21.61	21.42	21.52		
20	256QAM	1	99	21.30	21.36	21.55	21.41	21.51		
20	256QAM	50	0	21.37	21.38	21.52	21.34	21.45	23	4
20	256QAM	50	24	21.27	21.23	21.46	21.24	21.39		
20	256QAM	50	50	21.23	21.26	21.41	21.20	21.35		
20	256QAM	100	0	21.10	21.12	21.34	21.15	21.24		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.47	25.39	25.51	25.36	25.50	27.00	0
15	QPSK	1	37	25.29	25.33	25.46	25.29	25.46		
15	QPSK	1	74	25.15	25.26	25.38	25.24	25.30		
15	QPSK	36	0	25.25	25.24	25.46	25.24	25.26	27	0
15	QPSK	36	20	25.13	25.15	25.43	25.21	25.21		
15	QPSK	36	39	25.04	25.11	25.30	25.08	25.12		
15	QPSK	75	0	25.04	25.06	25.28	25.17	25.24		
15	16QAM	1	0	25.05	25.14	25.32	25.16	25.28	27	0
15	16QAM	1	37	25.06	25.11	25.27	25.03	25.20		
15	16QAM	1	74	25.10	25.00	25.28	25.07	25.21		
15	16QAM	36	0	24.17	24.33	24.39	24.24	24.35	26	1
15	16QAM	36	20	24.25	24.18	24.44	24.15	24.31		
15	16QAM	36	39	24.11	24.09	24.37	24.10	24.26		
15	16QAM	75	0	24.20	24.08	24.29	24.05	24.17		
15	64QAM	1	0	24.44	24.57	24.72	24.47	24.70	26	1
15	64QAM	1	37	24.49	24.48	24.63	24.49	24.55		
15	64QAM	1	74	24.42	24.42	24.62	24.38	24.61		
15	64QAM	36	0	23.26	23.22	23.47	23.29	23.33	25	2
15	64QAM	36	20	23.23	23.28	23.40	23.19	23.34		
15	64QAM	36	39	23.22	23.16	23.36	23.21	23.39		
15	64QAM	75	0	23.19	23.25	23.32	23.18	23.23		
15	256QAM	1	0	21.44	21.44	21.54	21.33	21.45	23	4
15	256QAM	1	37	21.29	21.29	21.56	21.28	21.46		
15	256QAM	1	74	21.25	21.29	21.52	21.31	21.41		
15	256QAM	36	0	21.28	21.27	21.39	21.26	21.30	23	4
15	256QAM	36	20	21.12	21.14	21.34	21.18	21.27		
15	256QAM	36	39	21.14	21.22	21.37	21.12	21.30		
15	256QAM	75	0	21.06	21.19	21.21	21.00	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.38	25.38	25.57	25.37	25.48	27.00	0
10	QPSK	1	25	25.25	25.31	25.46	25.25	25.42		
10	QPSK	1	49	25.21	25.18	25.38	25.17	25.37		
10	QPSK	25	0	25.22	25.18	25.46	25.22	25.32	27	0
10	QPSK	25	12	25.17	25.21	25.43	25.22	25.26		
10	QPSK	25	25	25.04	25.13	25.35	25.10	25.14		
10	QPSK	50	0	25.15	25.06	25.31	25.14	25.24		
10	16QAM	1	0	25.06	25.20	25.30	25.17	25.24	27	0
10	16QAM	1	25	25.06	25.05	25.33	25.12	25.25		
10	16QAM	1	49	25.09	25.07	25.30	25.17	25.24		
10	16QAM	25	0	24.21	24.28	24.44	24.25	24.39	26	1
10	16QAM	25	12	24.23	24.19	24.46	24.18	24.29		
10	16QAM	25	25	24.13	24.11	24.43	24.17	24.35		
10	16QAM	50	0	24.17	24.12	24.31	24.16	24.22		
10	64QAM	1	0	24.44	24.56	24.74	24.49	24.63	26	1
10	64QAM	1	25	24.43	24.46	24.60	24.49	24.61		
10	64QAM	1	49	24.38	24.51	24.59	24.41	24.56		
10	64QAM	25	0	23.23	23.26	23.

Band 42 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.66	23.71	23.59	24	0
20	QPSK	1	49	23.62	23.66	23.57		
20	QPSK	1	99	23.52	23.59	23.48		
20	QPSK	50	0	22.57	22.65	22.53	23	1
20	QPSK	50	24	22.56	22.60	22.56		
20	QPSK	50	50	22.45	22.53	22.39		
20	QPSK	100	0	22.44	22.58	22.51		
20	16QAM	1	0	22.38	22.52	22.42	23	1
20	16QAM	1	49	22.37	22.47	22.44		
20	16QAM	1	99	22.35	22.40	22.30		
20	16QAM	50	0	21.52	21.66	21.59	22	2
20	16QAM	50	24	21.53	21.61	21.48		
20	16QAM	50	50	21.44	21.54	21.49		
20	16QAM	100	0	21.46	21.58	21.47		
20	64QAM	1	0	21.45	21.53	21.48	22	2
20	64QAM	1	49	21.38	21.48	21.44		
20	64QAM	1	99	21.36	21.41	21.37		
20	64QAM	50	0	20.56	20.60	20.53	21	3
20	64QAM	50	24	20.50	20.55	20.50		
20	64QAM	50	50	20.40	20.48	20.34		
20	64QAM	100	0	20.43	20.55	20.40		
20	256QAM	1	0	18.46	18.51	18.42	19	5
20	256QAM	1	49	18.35	18.46	18.36		
20	256QAM	1	99	18.28	18.39	18.30		
20	256QAM	50	0	18.40	18.46	18.34	19	5
20	256QAM	50	24	18.27	18.41	18.20		
20	256QAM	50	50	18.29	18.34	18.21		
20	256QAM	100	0	18.37	18.40	18.34		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.53	23.67	23.45	24	0
15	QPSK	1	37	23.54	23.60	23.53		
15	QPSK	1	74	23.49	23.46	23.38		
15	QPSK	36	0	22.49	22.50	22.44	23	1
15	QPSK	36	20	22.51	22.47	22.50		
15	QPSK	36	39	22.40	22.41	22.35		
15	QPSK	75	0	22.31	22.54	22.37		
15	16QAM	1	0	22.35	22.38	22.29	23	1
15	16QAM	1	37	22.31	22.37	22.38		
15	16QAM	1	74	22.32	22.32	22.24		
15	16QAM	36	0	21.47	21.54	21.51	22	2
15	16QAM	36	20	21.43	21.56	21.41		
15	16QAM	36	39	21.36	21.45	21.34		
15	16QAM	75	0	21.39	21.44	21.41		
15	64QAM	1	0	21.40	21.40	21.36	22	2
15	64QAM	1	37	21.27	21.36	21.30		
15	64QAM	1	74	21.25	21.37	21.27		
15	64QAM	36	0	20.43	20.56	20.40	21	3
15	64QAM	36	20	20.43	20.41	20.38		
15	64QAM	36	39	20.35	20.35	20.25		
15	64QAM	75	0	20.34	20.46	20.35		
15	256QAM	1	0	18.40	18.46	18.28	19	5
15	256QAM	1	37	18.26	18.32	18.22		
15	256QAM	1	74	18.22	18.35	18.23		
15	256QAM	36	0	18.31	18.43	18.30	19	5
15	256QAM	36	20	18.17	18.29	18.13		
15	256QAM	36	39	18.18	18.25	18.14		
15	256QAM	75	0	18.32	18.32	18.23		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.59	23.63	23.54	24	0
10	QPSK	1	25	23.49	23.51	23.52		
10	QPSK	1	49	23.43	23.49	23.34		
10	QPSK	25	0	22.50	22.52	22.48	23	1
10	QPSK	25	12	22.50	22.53	22.52		
10	QPSK	25	25	22.35	22.45	22.28		
10	QPSK	50	0	22.37	22.53	22.47		
10	16QAM	1	0	22.27	22.38	22.35	23	1
10	16QAM	1	25	22.22	22.39	22.32		
10	16QAM	1	49	22.24	22.34	22.22		
10	16QAM	25	0	21.37	21.61	21.45	22	2
10	16QAM	25	12	21.42	21.50	21.40		
10	16QAM	25	25	21.35	21.42	21.45		
10	16QAM	50	0	21.34	21.51	21.34		
10	64QAM	1	0	21.33	21.47	21.35	22	2
10	64QAM	1	25	21.24	21.37	21.29		
10	64QAM	1	49	21.30	21.27	21.33		
10	64QAM	25	0	20.42	20.48	20.43	21	3
10	64QAM	25	12	20.42	20.41	20.42		
10	64QAM	25	25	20.30	20.34	20.26		
10	64QAM	50	0	20.33	20.50	20.29		
10	256QAM	1	0	18.40	18.43	18.39	19	5
10	256QAM	1	25	18.25	18.35	18.29		
10	256QAM	1	49	18.15	18.33	18.24		
10	256QAM	25	0	18.32	18.39	18.24	19	5
10	256QAM	25	12	18.19	18.32	18.15		
10	256QAM	25	25	18.16	18.25	18.15		
10	256QAM	50	0	18.34	18.32	18.31		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.56	23.65	23.44	24	0
5	QPSK	1	12	23.47	23.60	23.54		
5	QPSK	1	24	23.46	23.55	23.39		
5	QPSK	12	0	22.45	22.59	22.46	23	1
5	QPSK	12	7	22.42	22.54	22.47		
5	QPSK	12	13	22.35	22.48	22.34		
5	QPSK	25	0	22.34	22.45	22.37		
5	16QAM	1	0	22.30	22.46	22.31	23	1
5	16QAM	1	12	22.28	22.35	22.38		
5	16QAM	1	24	22.26	22.27	22.23		
5	16QAM	12	0	21.48	21.53	21.50	22	2
5	16QAM	12	7	21.45	21.48	21.41		
5	16QAM	12	13	21.35	21.41	21.35		
5	16QAM	25	0	21.39	21.47	21.41		
5	64QAM	1	0	21.39	21.48	21.43	22	2
5	64QAM	1	12	21.35	21.41	21.40		
5	64QAM	1	24	21.27	21.29	21.27		
5	64QAM	12	0	20.50	20.47	20.47	21	3
5	64QAM	12	7	20.47	20.47	20.47		
5	64QAM	12	13	20.25	20.34	20.25		
5	64QAM	25	0	20.38	20.43	20.32		
5	256QAM	1	0	18.40	18.43	18.29	19	5
5	256QAM	1	12	18.30	18.32	18.27		
5	256QAM	1	24	18.18	18.29	18.26		
5	256QAM	12	0	18.28	18.32	18.24	19	5
5	256QAM	12	7	18.12	18.36	18.07		
5	256QAM	12	13	18.17	18.30	18.12		
5	256QAM	25	0	18.23	18.30	18.19		

Band 42 Part 96 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3660	3675	3690		
20	QPSK	1	0	23.56	23.58	23.43	24	0
20	QPSK	1	49	23.56	23.55	23.43		
20	QPSK	1	99	23.38	23.52	23.37		
20	QPSK	50	0	22.47	22.60	22.48	23	1
20	QPSK	50	24	22.44	22.43	22.45		
20	QPSK	50	50	22.36	22.35	22.33		
20	QPSK	100	0	22.29	22.53	22.46		
20	16QAM	1	0	22.35	22.37	22.38	23	1
20	16QAM	1	49	22.23	22.32	22.26		
20	16QAM	1	99	22.26	22.34	22.15		
20	16QAM	50	0	21.40	21.64	21.43	22	2
20	16QAM	50	24	21.39	21.48	21.46		
20	16QAM	50	50	21.26	21.51	21.41		
20	16QAM	100	0	21.30	21.50	21.32		
20	64QAM	1	0	21.38	21.50	21.38	22	2
20	64QAM	1	49	21.25	21.44	21.29		
20	64QAM	1	99	21.26	21.28	21.23		
20	64QAM	50	0	20.49	20.56	20.51	21	3
20	64QAM	50	24	20.40	20.49	20.47		
20	64QAM	50	50	20.35	20.39	20.18		
20	64QAM	100	0	20.29	20.41	20.27		
20	256QAM	1	0	18.33	18.38	18.30	19	5
20	256QAM	1	49	18.27	18.37	18.30		
20	256QAM	1	99	18.22	18.24	18.20		
20	256QAM	50	0	18.37	18.35	18.27	19	5
20	256QAM	50	24	18.15	18.34	18.03		
20	256QAM	50	50	18.17	18.21	18.03		
20	256QAM	100	0	18.32	18.35	18.24		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3675	3692.5		
15	QPSK	1	0	23.52	23.56	23.42	24	0
15	QPSK	1	37	23.45	23.52	23.42		
15	QPSK	1	74	23.36	23.41	23.31		
15	QPSK	36	0	22.38	22.58	22.39	23	1
15	QPSK	36	20	22.32	22.28	22.36		
15	QPSK	36	39	22.31	22.25	22.22		
15	QPSK	75	0	22.24	22.39	22.37		
15	16QAM	1	0	22.31	22.29	22.29	23	1
15	16QAM	1	37	22.08	22.27	22.13		
15	16QAM	1	74	22.23	22.26	22.11		
15	16QAM	36	0	21.31	21.50	21.37	22	2
15	16QAM	36	20	21.32	21.33	21.44		
15	16QAM	36	39	21.21	21.42	21.26		
15	16QAM	75	0	21.22	21.42	21.22		
15	64QAM	1	0	21.35	21.46	21.35	22	2
15	64QAM	1	37	21.09	21.39	21.25		
15	64QAM	1	74	21.21	21.18	21.21		
15	64QAM	36	0	20.45	20.54	20.35	21	3
15	64QAM	36	20	20.23	20.46	20.31		
15	64QAM	36	39	20.31	20.22	20.05		
15	64QAM	75	0	20.16	20.32	20.25		
15	256QAM	1	0	18.30	18.36	18.24	19	5
15	256QAM	1	37	18.22	18.25	18.17		
15	256QAM	1	74	18.12	18.18	18.18		
15	256QAM	36	0	18.29	18.32	18.15	19	5
15	256QAM	36	20	18.11	18.32	17.97		
15	256QAM	36	39	18.12	18.17	17.89		
15	256QAM	75	0	18.27	18.21	18.18		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652	3675	3698		
10	QPSK	1	0	23.42	23.51	23.32	24	0
10	QPSK	1	25	23.42	23.49	23.40		
10	QPSK	1	49	23.26	23.50	23.27		
10	QPSK	25	0	22.33	22.44	22.41	23	1
10	QPSK	25	12	22.39	22.33	22.38		
10	QPSK	25	25	22.34	22.29	22.22		
10	QPSK	50	0	22.24	22.45	22.45		
10	16QAM	1	0	22.32	22.34	22.22	23	1
10	16QAM	1	25	22.16	22.16	22.17		
10	16QAM	1	49	22.14	22.27	22.05		
10	16QAM	25	0	21.31	21.63	21.34	22	2
10	16QAM	25	12	21.31	21.36	21.30		
10	16QAM	25	25	21.21	21.39	21.31		
10	16QAM	50	0	21.23	21.47	21.26		
10	64QAM	1	0	21.34	21.46	21.37	22	2
10	64QAM	1	25	21.16	21.30	21.28		
10	64QAM	1	49	21.19	21.20	21.18		
10	64QAM	25	0	20.37	20.42	20.38	21	3
10	64QAM	25	12	20.38	20.46	20.45		
10	64QAM	25	25	20.28	20.32	20.02		
10	64QAM	50	0	20.27	20.40	20.19		
10	256QAM	1	0	18.16	18.36	18.19	19	5
10	256QAM	1	25	18.16	18.21	18.18		
10	256QAM	1	49	18.17	18.10	18.10		
10	256QAM	25	0	18.22	18.32	18.24	19	5
10	256QAM	25	12	18.02	18.26	18.01		
10	256QAM	25	25	18.01	18.04	18.00		
10	256QAM	50	0	18.29	18.22	18.08		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3650.5	3675	3697.5		
5	QPSK	1	0	23.53	23.44	23.40	24	0
5	QPSK	1	12	23.47	23.46	23.26		
5	QPSK	1	24	23.31	23.38	23.22		
5	QPSK	12	0	22.33	22.54	22.45	23	1
5	QPSK	12	7	22.35	22.33	22.41		
5	QPSK	12	13	22.25	22.33	22.25		
5	QPSK	25	0	22.12	22.44	22.39		
5	16QAM	1	0	22.21	22.20	22.25	23	1
5	16QAM	1	12	22.18	22.23	22.24		
5	16QAM	1	24	22.19	22.23	22.11		
5	16QAM	12	0	21.37	21.48	21.36	22	2
5	16QAM	12	7	21.35	21.43	21.32		
5	16QAM	12	13	21.23	21.41	21.36		
5	16QAM	25	0	21.16	21.36	21.22		
5	64QAM	1	0	21.29	21.43	21.33	22	2
5	64QAM	1	12	21.17	21.30	21.23		
5	64QAM	1	24	21.24	21.17	21.10		
5	64QAM	12	0	20.48	20.46	20.41	21	3
5	64QAM	12	7	20.36	20.45	20.36		
5	64QAM	12	13	20.19	20.34	20.06		
5	64QAM	25	0	20.27	20.26	20.26		
5	256QAM	1	0	18.26	18.31	18.15	19	5
5	256QAM	1	12	18.22	18.26	18.23		
5	256QAM	1	24	18.18	18.12	18.18		
5	256QAM	12	0	18.32	18.28	18.18	19	5
5	256QAM	12	7	18.12	18.20	18.01		
5	256QAM	12	13	18.10	18.08	17.89		
5	256QAM	25	0	18.24	18.26	18.13		

Band 43 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	23.60	23.54	23.55	24	0
20	QPSK	1	49	23.54	23.59	23.48		
20	QPSK	1	99	23.47	23.52	23.47		
20	QPSK	50	0	22.51	22.57	22.45	23	1
20	QPSK	50	24	22.39	22.52	22.39		
20	QPSK	50	50	22.34	22.45	22.32		
20	QPSK	100	0	22.47	22.51	22.37		
20	16QAM	1	0	22.43	22.46	22.36	23	1
20	16QAM	1	49	22.36	22.41	22.38		
20	16QAM	1	99	22.30	22.34	22.29		
20	16QAM	50	0	21.41	21.53	21.49	22	2
20	16QAM	50	24	21.44	21.48	21.41		
20	16QAM	50	50	21.32	21.41	21.28		
20	16QAM	100	0	21.32	21.47	21.40		
20	64QAM	1	0	21.29	21.42	21.37	22	2
20	64QAM	1	49	21.31	21.37	21.33		
20	64QAM	1	99	21.24	21.30	21.21		
20	64QAM	50	0	20.46	20.53	20.40	21	3
20	64QAM	50	24	20.37	20.48	20.41		
20	64QAM	50	50	20.34	20.41	20.26		
20	64QAM	100	0	20.43	20.48	20.36		
20	256QAM	1	0	18.35	18.44	18.29	19	5
20	256QAM	1	49	18.29	18.39	18.35		
20	256QAM	1	99	18.19	18.32	18.19		
20	256QAM	50	0	18.34	18.37	18.31	19	5
20	256QAM	50	24	18.25	18.32	18.19		
20	256QAM	50	50	18.12	18.25	18.17		
20	256QAM	100	0	18.27	18.32	18.21		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	23.45	23.60	23.46	24	0
15	QPSK	1	37	23.51	23.50	23.33		
15	QPSK	1	74	23.43	23.43	23.34		
15	QPSK	36	0	22.45	22.46	22.37	23	1
15	QPSK	36	20	22.33	22.43	22.28		
15	QPSK	36	39	22.28	22.36	22.24		
15	QPSK	75	0	22.32	22.43	22.23		
15	16QAM	1	0	22.37	22.32	22.22	23	1
15	16QAM	1	37	22.25	22.35	22.25		
15	16QAM	1	74	22.26	22.26	22.26		
15	16QAM	36	0	21.28	21.46	21.38	22	2
15	16QAM	36	20	21.30	21.35	21.38		
15	16QAM	36	39	21.25	21.32	21.15		
15	16QAM	75	0	21.22	21.40	21.37		
15	64QAM	1	0	21.19	21.30	21.34	22	2
15	64QAM	1	37	21.18	21.26	21.20		
15	64QAM	1	74	21.15	21.21	21.08		
15	64QAM	36	0	20.35	20.44	20.30	21	3
15	64QAM	36	20	20.29	20.41	20.34		
15	64QAM	36	39	20.30	20.36	20.22		
15	64QAM	75	0	20.39	20.42	20.27		
15	256QAM	1	0	18.23	18.30	18.26	19	5
15	256QAM	1	37	18.22	18.24	18.25		
15	256QAM	1	74	18.04	18.24	18.15		
15	256QAM	36	0	18.26	18.28	18.21	19	5
15	256QAM	36	20	18.21	18.22	18.05		
15	256QAM	36	39	18.03	18.21	18.11		
15	256QAM	75	0	18.13	18.28	18.09		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	23.50	23.54	23.45	24	0
10	QPSK	1	25	23.51	23.48	23.34		
10	QPSK	1	49	23.42	23.38	23.37		
10	QPSK	25	0	22.48	22.51	22.36	23	1
10	QPSK	25	12	22.31	22.48	22.31		
10	QPSK	25	25	22.27	22.38	22.18		
10	QPSK	50	0	22.35	22.40	22.24		
10	16QAM	1	0	22.32	22.33	22.32	23	1
10	16QAM	1	25	22.23	22.36	22.29		
10	16QAM	1	49	22.24	22.21	22.22		
10	16QAM	25	0	21.34	21.44	21.35	22	2
10	16QAM	25	12	21.32	21.36	21.31		
10	16QAM	25	25	21.23	21.31	21.16		
10	16QAM	50	0	21.24	21.43	21.27		
10	64QAM	1	0	21.19	21.34	21.25	22	2
10	64QAM	1	25	21.16	21.25	21.20		
10	64QAM	1	49	21.15	21.27	21.06		
10	64QAM	25	0	20.32	20.40	20.35	21	3
10	64QAM	25	12	20.33	20.40	20.30		
10	64QAM	25	25	20.25	20.35	20.13		
10	64QAM	50	0	20.34	20.40	20.27		
10	256QAM	1	0	18.30	18.34	18.19	19	5
10	256QAM	1	25	18.23	18.31	18.31		
10	256QAM	1	49	18.09	18.18	18.04		
10	256QAM	25	0	18.29	18.28	18.20	19	5
10	256QAM	25	12	18.16	18.29	18.10		
10	256QAM	25	25	18.05	18.18	18.14		
10	256QAM	50	0	18.20	18.18	18.12		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	23.47	23.59	23.50	24	0
5	QPSK	1	12	23.49	23.55	23.44		
5	QPSK	1	24	23.36	23.43	23.32		
5	QPSK	12	0	22.37	22.44	22.32	23	1
5	QPSK	12	7	22.27	22.41	22.31		
5	QPSK	12	13	22.26	22.31	22.23		
5	QPSK	25	0	22.41	22.38	22.24		
5	16QAM	1	0	22.28	22.31	22.31	23	1
5	16QAM	1	12	22.28	22.29	22.32		
5	16QAM	1	24	22.19	22.25	22.22		
5	16QAM	12	0	21.31	21.46	21.45	22	2
5	16QAM	12	7	21.32	21.44	21.37		
5	16QAM	12	13	21.19	21.32	21.20		
5	16QAM	25	0	21.25	21.39	21.33		
5	64QAM	1	0	21.24	21.28	21.26	22	2
5	64QAM	1	12	21.26	21.32	21.22		
5	64QAM	1	24	21.15	21.15	21.08		
5	64QAM	12	0	20.32	20.47	20.26	21	3
5	64QAM	12	7	20.28	20.44	20.27		
5	64QAM	12	13	20.20	20.35	20.17		
5	64QAM	25	0	20.31	20.42	20.25		
5	256QAM	1	0	18.30	18.35	18.15	19	5
5	256QAM	1	12	18.22	18.30	18.29		
5	256QAM	1	24	18.06	18.29	18.07		
5	256QAM	12	0	18.28	18.26	18.27	19	5
5	256QAM	12	7	18.13	18.23	18.10		
5	256QAM	12	13	18.03	18.12	18.06		
5	256QAM	25	0	18.15	18.20	18.15		

Band 48 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3690		
20	QPSK	1	0	23.72	23.82	23.79	23.66	24	0
20	QPSK	1	49	23.56	23.76	23.61	23.54		
20	QPSK	1	99	23.56	23.65	23.58	23.60		
20	QPSK	50	0	23.64	23.74	23.57	23.53	24	0
20	QPSK	50	24	23.48	23.66	23.49	23.50		
20	QPSK	50	50	23.49	23.49	23.45	23.37		
20	QPSK	100	0	23.52	23.68	23.59	23.48		
20	16QAM	1	0	23.67	23.84	23.73	23.52	24	0
20	16QAM	1	49	23.65	23.74	23.66	23.62		
20	16QAM	1	99	23.64	23.66	23.64	23.49		
20	16QAM	50	0	22.62	22.75	22.66	22.71	23	1
20	16QAM	50	24	22.59	22.70	22.63	22.63		
20	16QAM	50	50	22.58	22.63	22.58	22.48		
20	16QAM	100	0	22.65	22.69	22.58	22.57		
20	64QAM	1	0	22.52	22.61	22.57	22.54	23	1
20	64QAM	1	49	22.46	22.56	22.50	22.49		
20	64QAM	1	99	22.37	22.49	22.40	22.35		
20	64QAM	50	0	21.60	21.74	21.66	21.68	22	2
20	64QAM	50	24	21.57	21.69	21.55	21.59		
20	64QAM	50	50	21.57	21.62	21.52	21.57		
20	64QAM	100	0	21.64	21.70	21.60	21.60		
20	256QAM	1	0	19.54	19.64	19.53	19.56	20	4
20	256QAM	1	49	19.55	19.59	19.45	19.52		
20	256QAM	1	99	19.46	19.52	19.48	19.40		
20	256QAM	50	0	19.54	19.58	19.44	19.52	20	4
20	256QAM	50	24	19.39	19.53	19.39	19.41		
20	256QAM	50	50	19.43	19.46	19.36	19.40		
20	256QAM	100	0	19.43	19.52	19.40	19.47		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3537.5	3608	3642	3692.5		
15	QPSK	1	0	23.58	23.83	23.65	23.60	24	0
15	QPSK	1	37	23.49	23.62	23.51	23.42		
15	QPSK	1	74	23.52	23.51	23.50	23.51		
15	QPSK	36	0	23.54	23.69	23.49	23.42	24	0
15	QPSK	36	20	23.33	23.62	23.35	23.37		
15	QPSK	36	39	23.38	23.44	23.40	23.34		
15	QPSK	75	0	23.44	23.64	23.52	23.38		
15	16QAM	1	0	23.52	23.76	23.59	23.40	24	0
15	16QAM	1	37	23.51	23.60	23.62	23.51		
15	16QAM	1	74	23.59	23.51	23.50	23.45		
15	16QAM	36	0	22.58	22.69	22.57	22.66	23	1
15	16QAM	36	20	22.48	22.65	22.49	22.49		
15	16QAM	36	39	22.53	22.49	22.55	22.40		
15	16QAM	75	0	22.51	22.58	22.53	22.48		
15	64QAM	1	0	22.48	22.47	22.44	22.46	23	1
15	64QAM	1	37	22.33	22.52	22.43	22.45		
15	64QAM	1	74	22.23	22.42	22.28	22.31		
15	64QAM	36	0	21.54	21.64	21.56	21.59	22	2
15	64QAM	36	20	21.44	21.64	21.45	21.49		
15	64QAM	36	39	21.50	21.58	21.38	21.53		
15	64QAM	75	0	21.58	21.63	21.55	21.54		
15	256QAM	1	0	19.46	19.51	19.40	19.49	20	4
15	256QAM	1	37	19.48	19.53	19.41	19.40		
15	256QAM	1	74	19.41	19.47	19.44	19.25		
15	256QAM	36	0	19.46	19.44	19.34	19.41	20	4
15	256QAM	36	20	19.30	19.39	19.31	19.33		
15	256QAM	36	39	19.39	19.33	19.23	19.26		
15	256QAM	75	0	19.31	19.46	19.27	19.40		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3535	3607.5	3642.5	3695		
10	QPSK	1	0	23.65	23.74	23.67	23.61	24	0
10	QPSK	1	25	23.49	23.70	23.49	23.47		
10	QPSK	1	49	23.43	23.56	23.48	23.55		
10	QPSK	25	0	23.53	23.61	23.50	23.47	24	0
10	QPSK	25	12	23.40	23.54	23.45	23.42		
10	QPSK	25	25	23.45	23.37	23.31	23.27		
10	QPSK	50	0	23.40	23.62	23.53	23.44		
10	16QAM	1	0	23.59	23.80	23.65	23.46	24	0
10	16QAM	1	25	23.51	23.64	23.62	23.47		
10	16QAM	1	49	23.54	23.56	23.60	23.42		
10	16QAM	25	0	22.51	22.62	22.56	22.62	23	1
10	16QAM	25	12	22.54	22.59	22.57	22.59		
10	16QAM	25	25	22.51	22.49	22.54	22.34		
10	16QAM	50	0	22.50	22.58	22.49	22.45		
10	64QAM	1	0	22.47	22.53	22.52	22.39	23	1
10	64QAM	1	25	22.33	22.42	22.44	22.38		
10	64QAM	1	49	22.29	22.41	22.32	22.29		
10	64QAM	25	0	21.54	21.66	21.62	21.64	22	2
10	64QAM	25	12	21.52	21.61	21.49	21.45		
10	64QAM	25	25	21.53	21.54	21.45	21.45		
10	64QAM	50	0	21.52	21.61	21.52	21.47		
10	256QAM	1	0	19.49	19.53	19.45	19.44	20	4
10	256QAM	1	25	19.43	19.54	19.34	19.48		
10	256QAM	1	49	19.38	19.39	19.35	19.28		
10	256QAM	25	0	19.47	19.46	19.33	19.45	20	4
10	256QAM	25	12	19.30	19.45	19.24	19.32		
10	256QAM	25	25	19.32	19.42	19.30	19.29		
10	256QAM	50	0	19.35	19.39	19.26	19.38		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3532.5	3607	3643	3697.5		
5	QPSK	1	0	23.67	23.77	23.66	23.54	24	0
5	QPSK	1	12	23.43	23.69	23.50	23.45		
5	QPSK	1	24	23.53	23.59	23.55	23.55		
5	QPSK	12	0	23.56	23.71	23.48	23.45	24	0
5	QPSK	12	7	23.44	23.60	23.38	23.36		
5	QPSK	12	13	23.41	23.35	23.31	23.29		
5	QPSK	25	0	23.44	23.59	23.45	23.43		
5	16QAM	1	0	23.53	23.73	23.69	23.49	24	0
5	16QAM	1	12	23.53	23.66	23.57	23.55		
5	16QAM	1	24	23.55	23.61	23.49	23.40		
5	16QAM	12	0	22.52	22.71	22.54	22.68	23	1
5	16QAM	12	7	22.52	22.60	22.51	22.55		
5	16QAM	12	13	22.43	22.55	22.47	22.36		
5	16QAM	25	0	22.59	22.63	22.49	22.43		
5	64QAM	1	0	22.46	22.58	22.51	22.42	23	1
5	64QAM	1	12	22.34	22.50	22.42	22.34		
5	64QAM	1	24	22.24	22.39	22.25	22.24		
5	64QAM	12	0	21.51	21.69	21.51	21.59	22	2
5	64QAM	12	7	21.43	21.56	21.50	21.46		
5	64QAM	12	13	21.43	21.52	21.43	21.45		
5	64QAM	25	0	21.58	21.58	21.51	21.47		
5	256QAM	1	0	19.44	19.52	19.43	19.46	20	4
5	256QAM	1	12	19.48	19.49	19.38	19.42		
5	256QAM	1	24	19.32	19.47	19.42	19.33		
5	256QAM	12	0	19.48	19.54	19.33	19.48	20	4
5	256QAM	12	7	19.27	19.47	19.35	19.33		
5	256QAM	12	13	19.40	19.38	19.28	19.28		
5	256QAM	25	0	19.37	19.47	19.36	19.40		

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	29.32	29.41	29.38	30.00	20.32	20.41	20.38	21.00
GPRS 1 Tx slot	29.35	29.47	29.43	30.00	20.35	20.47	20.43	21.00
GPRS 2 Tx slots	26.38	26.51	26.42	27.00	20.38	20.51	20.42	21.00
GPRS 3 Tx slots	23.74	23.85	23.81	25.50	19.48	19.59	19.55	21.24
GPRS 4 Tx slots	22.18	22.29	22.19	24.00	19.18	19.29	19.19	21.00
EDGE 1 Tx slot	24.14	24.28	24.22	25.50	15.14	15.28	15.22	16.50
EDGE 2 Tx slots	22.45	22.56	22.49	24.00	16.45	16.56	16.49	18.00
EDGE 3 Tx slots	21.38	21.49	21.46	22.50	17.12	17.23	17.20	18.24
EDGE 4 Tx slots	19.33	19.42	19.39	20.50	16.33	16.42	16.39	17.50

Band		WCDMA II Ant2			Tune-up Limit (dBm)	WCDMA IV Ant2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.02	23.15	23.05	24.00	23.20	23.28	23.15	24.00
3GPP Rel 99	RMC 12.2Kbps	23.08	23.17	23.11	24.00	23.29	23.34	23.22	24.00
3GPP Rel 6	HSDPA Subtest-1	22.21	22.37	22.05	23.00	22.27	22.49	22.19	23.00
3GPP Rel 6	HSDPA Subtest-2	22.14	22.26	22.10	23.00	22.23	22.40	22.16	23.00
3GPP Rel 6	HSDPA Subtest-3	21.56	21.80	21.68	22.50	21.72	21.93	21.80	22.50
3GPP Rel 6	HSDPA Subtest-4	21.61	21.74	21.71	22.50	21.71	21.90	21.80	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.15	22.32	22.16	23.00	22.24	22.39	22.31	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.92	22.03	21.99	23.00	22.08	22.13	22.05	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.46	21.56	21.55	22.50	21.60	21.62	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.50	21.58	21.49	22.50	21.60	21.72	21.56	22.50
3GPP Rel 6	HSUPA Subtest-1	22.18	22.35	22.35	23.00	22.28	22.52	22.50	23.00
3GPP Rel 6	HSUPA Subtest-2	20.19	20.24	20.01	21.00	20.30	20.36	20.12	21.00
3GPP Rel 6	HSUPA Subtest-3	21.00	21.23	21.18	22.00	21.37	21.30	21.33	22.00
3GPP Rel 6	HSUPA Subtest-4	20.07	20.15	20.02	21.00	20.12	20.30	20.17	21.00
3GPP Rel 6	HSUPA Subtest-5	22.27	22.18	22.17	23.00	22.38	22.30	22.33	23.00

Band 2 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.12	21.24	21.07	22	0
20	QPSK	1	49	21.00	21.06	20.92		
20	QPSK	1	99	20.92	21.04	20.92		
20	QPSK	50	0	20.80	20.90	20.86	21.5	0.5
20	QPSK	50	24	20.71	20.85	20.78		
20	QPSK	50	50	20.63	20.78	20.74		
20	QPSK	100	0	20.79	20.83	20.78		
20	16QAM	1	0	20.75	20.79	20.75	21.5	0.5
20	16QAM	1	49	20.59	20.74	20.64		
20	16QAM	1	99	20.60	20.67	20.61		
20	16QAM	50	0	19.82	19.91	19.86	20.5	1.5
20	16QAM	50	24	19.74	19.86	19.73		
20	16QAM	50	50	19.67	19.79	19.69		
20	16QAM	100	0	19.77	19.86	19.81		
20	64QAM	1	0	19.78	19.83	19.71	20.5	1.5
20	64QAM	1	49	19.64	19.78	19.71		
20	64QAM	1	99	19.66	19.71	19.61		
20	64QAM	50	0	18.72	18.80	18.73	19.5	2.5
20	64QAM	50	24	18.64	18.75	18.70		
20	64QAM	50	50	18.61	18.68	18.63		
20	64QAM	100	0	18.64	18.71	18.58		
20	256QAM	1	0	16.93	16.96	16.82	17.5	4.5
20	256QAM	1	49	16.87	16.91	16.80		
20	256QAM	1	99	16.80	16.84	16.73		
20	256QAM	50	0	16.71	16.83	16.74	17.5	4.5
20	256QAM	50	24	16.64	16.78	16.72		
20	256QAM	50	50	16.66	16.71	16.60		
20	256QAM	100	0	16.73	16.78	16.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.01	21.18	20.92	22	0
15	QPSK	1	37	20.92	20.99	20.84		
15	QPSK	1	74	20.84	20.98	20.82		
15	QPSK	36	0	20.74	20.84	20.75	21.5	0.5
15	QPSK	36	20	20.66	20.73	20.70		
15	QPSK	36	39	20.52	20.71	20.62		
15	QPSK	75	0	20.67	20.76	20.71		
15	16QAM	1	0	20.61	20.69	20.63	21.5	0.5
15	16QAM	1	37	20.51	20.68	20.58		
15	16QAM	1	74	20.51	20.63	20.54		
15	16QAM	36	0	19.67	19.77	19.76	20.5	1.5
15	16QAM	36	20	19.63	19.76	19.62		
15	16QAM	36	39	19.64	19.66	19.60		
15	16QAM	75	0	19.62	19.83	19.72		
15	64QAM	1	0	19.70	19.73	19.60	20.5	1.5
15	64QAM	1	37	19.57	19.75	19.57		
15	64QAM	1	74	19.58	19.62	19.53		
15	64QAM	36	0	18.61	18.76	18.67	19.5	2.5
15	64QAM	36	20	18.52	18.65	18.58		
15	64QAM	36	39	18.50	18.58	18.51		
15	64QAM	75	0	18.52	18.67	18.51		
15	256QAM	1	0	16.86	16.89	16.71	17.5	4.5
15	256QAM	1	37	16.74	16.86	16.70		
15	256QAM	1	74	16.76	16.76	16.69		
15	256QAM	36	0	16.63	16.73	16.71	17.5	4.5
15	256QAM	36	20	16.56	16.73	16.63		
15	256QAM	36	39	16.58	16.62	16.56		
15	256QAM	75	0	16.62	16.74	16.63		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.98	21.15	20.99	22	0
10	QPSK	1	25	20.97	21.02	20.85		
10	QPSK	1	49	20.79	20.99	20.86		
10	QPSK	25	0	20.73	20.82	20.72	21.5	0.5
10	QPSK	25	12	20.62	20.70	20.70		
10	QPSK	25	25	20.52	20.73	20.69		
10	QPSK	50	0	20.69	20.68	20.74		
10	16QAM	1	0	20.66	20.70	20.65	21.5	0.5
10	16QAM	1	25	20.49	20.69	20.53		
10	16QAM	1	49	20.57	20.53	20.47		
10	16QAM	25	0	19.77	19.79	19.76	20.5	1.5
10	16QAM	25	12	19.60	19.81	19.64		
10	16QAM	25	25	19.55	19.69	19.63		
10	16QAM	50	0	19.68	19.76	19.73		
10	64QAM	1	0	19.72	19.72	19.64	20.5	1.5
10	64QAM	1	25	19.53	19.72	19.63		
10	64QAM	1	49	19.60	19.63	19.55		
10	64QAM	25	0	18.69	18.72	18.67	19.5	2.5
10	64QAM	25	12	18.55	18.62	18.56		
10	64QAM	25	25	18.56	18.60	18.49		
10	64QAM	50	0	18.53	18.62	18.48		
10	256QAM	1	0	16.89	16.93	16.68	17.5	4.5
10	256QAM	1	25	16.80	16.79	16.69		
10	256QAM	1	49	16.69	16.74	16.64		
10	256QAM	25	0	16.65	16.77	16.62	17.5	4.5
10	256QAM	25	12	16.53	16.68	16.67		
10	256QAM	25	25	16.59	16.67	16.46		
10	256QAM	50	0	16.62	16.73	16.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.06	21.11	20.97	22	0
5	QPSK	1	12	20.93	20.94	20.85		
5	QPSK	1	24	20.77	20.89	20.85		
5	QPSK	12	0	20.67	20.79	20.80	21.5	0.5
5	QPSK	12	7	20.57	20.72	20.65		
5	QPSK	12	13	20.48	20.66	20.67		
5	QPSK	25	0	20.66	20.76	20.64		
5	16QAM	1	0	20.67	20.66	20.71	21.5	0.5
5	16QAM	1	12	20.47	20.61	20.50		
5	16QAM	1	24	20.50	20.53	20.55		
5	16QAM	12	0	19.69	19.79	19.72	20.5	1.5
5	16QAM	12	7	19.64	19.80	19.69		
5	16QAM	12	13	19.57	19.72	19.62		
5	16QAM	25	0	19.63	19.73	19.72		
5	64QAM	1	0	19.73	19.74	19.59	20.5	1.5
5	64QAM	1	12	19.59	19.67	19.59		
5	64QAM	1	24	19.55	19.64	19.54		
5	64QAM	12	0	18.64	18.68	18.62	19.5	2.5
5	64QAM	12	7	18.50	18.68	18.58		
5	64QAM	12	13	18.50	18.58	18.59		
5	64QAM	25	0	18.52	18.61	18.49		
5	256QAM	1	0	16.83	16.88	16.73	17.5	4.5
5	256QAM	1	12	16.77	16.84	16.72		
5	256QAM	1	24	16.69	16.77	16.67		
5	256QAM	12	0	16.59	16.78	16.63	17.5	4.5
5	256QAM	12	7	16.53	16.71	16.62		
5	256QAM	12	13	16.61	16.63	16.46		
5	256QAM	25	0	16.62	16.74	16.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.98	21.14	20.96	22	0
3	QPSK	1	8	20.95	20.91	20.88		
3	QPSK	1	14	20.85	20.99	20.84		
3	QPSK	8	0	20.73	20.82	20.73	21.5	0.5
3	QPSK	8	4	20.59	20.72	20.70		
3	QPSK	8	7	20.54	20.69	20.61		
3	QPSK	15	0	20.70	20.69	20.69		
3	16QAM	1	0	20.65	20.68	20.60	21.5	0.5
3	16QAM	1	8	20.52	20.62	20.50		
3	16QAM	1	14	20.50	20.58	20.55		
3	16QAM	8	0	19.70	19.77	19.81	20.5	1.5
3	16QAM	8	4	19.66	19.81	19.62		
3	16QAM	8	7	19.62	19.67	19.56		
3	16QAM	15	0	19.68	19.78	19.73		
3	64QAM	1	0	19.67	19.73	19.61	20.5	1.5
3	64QAM	1	8	19.61	19.66	19.59		
3	64QAM	1	14	19.61	19.59	19.56		
3	64QAM	8	0	18.66	18.71	18.60	19.5	2.5
3	64QAM	8	4	18.51	18.70	18.58		
3	64QAM	8	7	18.52	18.57	18.52		
3	64QAM	15	0	18.57	18.67	18.53		
3	256QAM	1	0	16.80	16.83	16.72	17.5	4.5
3	256QAM	1	8	16.73	16.84	16.65		
3	256QAM	1	14	16.76	16.79	16.68		
3	256QAM	8	0	16.62	16.72	16.63	17.5	4.5
3	256QAM	8	4	16.53	16.74	16.67		
3	256QAM	8	7	16.57	16.67	16.50		
3	256QAM	15	0	16.64	16.71	16.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.03	21.16	20.96	22	0
1.4	QPSK	1	3	20.93	20.96	20.85		
1.4	QPSK	1	5	20.81	20.95	20.86		
1.4	QPSK	3	0	20.98	21.10	21.07		
1.4	QPSK	3	1	20.91	20.96	20.91		
1.4	QPSK	3	3	20.74	20.96	20.87		
1.4	QPSK	6	0	20.73	20.85	20.74	21.5	0.5
1.4	16QAM	1	0	20.57	20.78	20.68	21.5	0.5
1.4	16QAM	1	3	20.57	20.67	20.63		
1.4	16QAM	1	5	20.67	20.69	20.75		
1.4	16QAM	3	0	20.70	20.67	20.66		
1.4	16QAM	3	1	20.47	20.61	20.60		
1.4	16QAM	3	3	20.54	20.57	20.58		
1.4	16QAM	6	0	19.70	19.80	19.74	20.5	1.5
1.4	64QAM	1	0	19.67	19.76	19.68	20.5	1.5
1.4	64QAM	1	3	19.61	19.65	19.65		
1.4	64QAM	1	5	19.71	19.72	19.68		
1.4	64QAM	3	0	19.74	19.75	19.68		
1.4	64QAM	3	1	19.58	19.69	19.57		
1.4	64QAM	3	3	19.63	19.66	19.50		
1.4	64QAM	6	0	18.64	18.76	18.62	19.5	2.5
1.4	256QAM	1	0	16.87	16.86	16.74	17.5	4.5
1.4	256QAM	1	3	16.76	16.85	16.71		
1.4	256QAM	1	5	16.69	16.72	16.60		
1.4	256QAM	3	0	16.63	16.73	16.67		
1.4	256QAM	3	1	16.52	16.68	16.60		
1.4	256QAM	3	3	16.57	16.59	16.46		
1.4	256QAM	6	0	16.66	16.71	16.61	17.5	4.5

Band 4 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.16	21.30	21.12	22	0
20	QPSK	1	49	20.99	21.11	20.94		
20	QPSK	1	99	20.98	21.11	20.88		
20	QPSK	50	0	20.85	20.89	20.81	21.5	0.5
20	QPSK	50	24	20.77	20.84	20.72		
20	QPSK	50	50	20.72	20.77	20.67		
20	QPSK	100	0	20.76	20.84	20.69		
20	16QAM	1	0	20.67	20.81	20.72	21.5	0.5
20	16QAM	1	49	20.69	20.76	20.69		
20	16QAM	1	99	20.59	20.69	20.62		
20	16QAM	50	0	19.91	19.97	19.94	20.5	1.5
20	16QAM	50	24	19.78	19.92	19.80		
20	16QAM	50	50	19.80	19.85	19.79		
20	16QAM	100	0	19.81	19.91	19.78		
20	64QAM	1	0	19.71	19.83	19.68	20.5	1.5
20	64QAM	1	49	19.69	19.78	19.69		
20	64QAM	1	99	19.61	19.71	19.57		
20	64QAM	50	0	18.80	18.92	18.86	19.5	2.5
20	64QAM	50	24	18.79	18.87	18.80		
20	64QAM	50	50	18.76	18.80	18.66		
20	64QAM	100	0	18.83	18.86	18.77		
20	256QAM	1	0	16.85	16.92	16.86	17.5	4.5
20	256QAM	1	49	16.73	16.87	16.79		
20	256QAM	1	99	16.71	16.80	16.70		
20	256QAM	50	0	16.78	16.88	16.85	17.5	4.5
20	256QAM	50	24	16.79	16.83	16.70		
20	256QAM	50	50	16.68	16.76	16.66		
20	256QAM	100	0	16.70	16.84	16.78		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.01	21.25	20.98	22	0
15	QPSK	1	37	20.87	20.97	20.82		
15	QPSK	1	74	20.90	21.07	20.83		
15	QPSK	36	0	20.78	20.82	20.75	21.5	0.5
15	QPSK	36	20	20.71	20.79	20.67		
15	QPSK	36	39	20.68	20.63	20.53		
15	QPSK	75	0	20.65	20.74	20.62		
15	16QAM	1	0	20.54	20.76	20.61	21.5	0.5
15	16QAM	1	37	20.62	20.63	20.62		
15	16QAM	1	74	20.56	20.63	20.54		
15	16QAM	36	0	19.79	19.93	19.88	20.5	1.5
15	16QAM	36	20	19.69	19.78	19.66		
15	16QAM	36	39	19.75	19.71	19.66		
15	16QAM	75	0	19.70	19.84	19.65		
15	64QAM	1	0	19.57	19.79	19.54	20.5	1.5
15	64QAM	1	37	19.60	19.71	19.59		
15	64QAM	1	74	19.56	19.67	19.44		
15	64QAM	36	0	18.66	18.78	18.72	19.5	2.5
15	64QAM	36	20	18.67	18.75	18.69		
15	64QAM	36	39	18.72	18.72	18.56		
15	64QAM	75	0	18.68	18.79	18.64		
15	256QAM	1	0	16.79	16.81	16.72	17.5	4.5
15	256QAM	1	37	16.66	16.79	16.76		
15	256QAM	1	74	16.67	16.70	16.65		
15	256QAM	36	0	16.69	16.78	16.80	17.5	4.5
15	256QAM	36	20	16.73	16.77	16.59		
15	256QAM	36	39	16.64	16.67	16.63		
15	256QAM	75	0	16.59	16.73	16.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.02	21.16	21.04	22	0
10	QPSK	1	25	20.95	20.98	20.83		
10	QPSK	1	49	20.94	20.96	20.73		
10	QPSK	25	0	20.73	20.84	20.68	21.5	0.5
10	QPSK	25	12	20.71	20.78	20.64		
10	QPSK	25	25	20.64	20.69	20.58		
10	QPSK	50	0	20.71	20.76	20.62		
10	16QAM	1	0	20.59	20.69	20.60	21.5	0.5
10	16QAM	1	25	20.63	20.67	20.56		
10	16QAM	1	49	20.45	20.64	20.55		
10	16QAM	25	0	19.83	19.86	19.85	20.5	1.5
10	16QAM	25	12	19.75	19.89	19.70		
10	16QAM	25	25	19.72	19.80	19.71		
10	16QAM	50	0	19.73	19.83	19.71		
10	64QAM	1	0	19.66	19.72	19.61	20.5	1.5
10	64QAM	1	25	19.65	19.64	19.60		
10	64QAM	1	49	19.54	19.64	19.44		
10	64QAM	25	0	18.77	18.84	18.72	19.5	2.5
10	64QAM	25	12	18.76	18.79	18.70		
10	64QAM	25	25	18.65	18.68	18.56		
10	64QAM	50	0	18.77	18.75	18.69		
10	256QAM	1	0	16.73	16.84	16.78	17.5	4.5
10	256QAM	1	25	16.66	16.81	16.66		
10	256QAM	1	49	16.64	16.75	16.60		
10	256QAM	25	0	16.64	16.79	16.79	17.5	4.5
10	256QAM	25	12	16.66	16.69	16.56		
10	256QAM	25	25	16.55	16.66	16.63		
10	256QAM	50	0	16.63	16.75	16.64		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.04	21.24	21.03	22	0
5	QPSK	1	12	20.96	21.03	20.87		
5	QPSK	1	24	20.91	21.07	20.84		
5	QPSK	12	0	20.78	20.80	20.69	21.5	0.5
5	QPSK	12	7	20.68	20.72	20.61		
5	QPSK	12	13	20.66	20.71	20.61		
5	QPSK	25	0	20.63	20.74	20.55		
5	16QAM	1	0	20.58	20.73	20.67	21.5	0.5
5	16QAM	1	12	20.59	20.72	20.56		
5	16QAM	1	24	20.46	20.62	20.56		
5	16QAM	12	0	19.77	19.87	19.84	20.5	1.5
5	16QAM	12	7	19.72	19.78	19.75		
5	16QAM	12	13	19.70	19.78	19.64		
5	16QAM	25	0	19.66	19.78	19.69		
5	64QAM	1	0	19.62	19.72	19.56	20.5	1.5
5	64QAM	1	12	19.56	19.74	19.65		
5	64QAM	1	24	19.48	19.56	19.45		
5	64QAM	12	0	18.77	18.86	18.82	19.5	2.5
5	64QAM	12	7	18.72	18.79	18.67		
5	64QAM	12	13	18.64	18.68	18.51		
5	64QAM	25	0	18.70	18.80	18.71		
5	256QAM	1	0	16.82	16.79	16.81	17.5	4.5
5	256QAM	1	12	16.69	16.78	16.66		
5	256QAM	1	24	16.68	16.73	16.55		
5	256QAM	12	0	16.71	16.74	16.75	17.5	4.5
5	256QAM	12	7	16.76	16.75	16.60		
5	256QAM	12	13	16.64	16.64	16.52		
5	256QAM	25	0	16.65	16.80	16.65		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.04	21.17	21.03	22	0
3	QPSK	1	8	20.87	21.01	20.80		
3	QPSK	1	14	20.90	21.06	20.81		
3	QPSK	8	0	20.75	20.81	20.73	21.5	0.5
3	QPSK	8	4	20.63	20.71	20.57		
3	QPSK	8	7	20.67	20.69	20.58		
3	QPSK	15	0	20.71	20.71	20.55		
3	16QAM	1	0	20.59	20.78	20.65	21.5	0.5
3	16QAM	1	8	20.63	20.68	20.61		
3	16QAM	1	14	20.55	20.63	20.52		
3	16QAM	8	0	19.78	19.83	19.84	20.5	1.5
3	16QAM	8	4	19.72	19.82	19.74		
3	16QAM	8	7	19.66	19.81	19.68		
3	16QAM	15	0	19.76	19.77	19.68		
3	64QAM	1	0	19.59	19.79	19.58	20.5	1.5
3	64QAM	1	8	19.57	19.73	19.66		
3	64QAM	1	14	19.58	19.61	19.50		
3	64QAM	8	0	18.76	18.79	18.79	19.5	2.5
3	64QAM	8	4	18.67	18.77	18.67		
3	64QAM	8	7	18.68	18.75	18.63		
3	64QAM	15	0	18.79	18.81	18.65		
3	256QAM	1	0	16.77	16.79	16.77	17.5	4.5
3	256QAM	1	8	16.59	16.79	16.64		
3	256QAM	1	14	16.63	16.75	16.58		
3	256QAM	8	0	16.74	16.83	16.77	17.5	4.5
3	256QAM	8	4	16.72	16.75	16.58		
3	256QAM	8	7	16.60	16.64	16.55		
3	256QAM	15	0	16.57	16.70	16.70		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.08	21.16	21.06	22	0
1.4	QPSK	1	3	20.94	21.02	20.90		
1.4	QPSK	1	5	20.94	21.05	20.78		
1.4	QPSK	3	0	20.95	21.10	20.91		
1.4	QPSK	3	1	20.94	20.97	20.87		
1.4	QPSK	3	3	20.95	20.83	20.87		
1.4	QPSK	6	0	20.74	20.82	20.69	21.5	0.5
1.4	16QAM	1	0	20.64	20.79	20.67	21.5	0.5
1.4	16QAM	1	3	20.64	20.72	20.56		
1.4	16QAM	1	5	20.64	20.79	20.56		
1.4	16QAM	3	0	20.57	20.77	20.69		
1.4	16QAM	3	1	20.63	20.64	20.62		
1.4	16QAM	3	3	20.51	20.63	20.55		
1.4	16QAM	6	0	19.76	19.92	19.89	20.5	1.5
1.4	64QAM	1	0	19.66	19.88	19.70	20.5	1.5
1.4	64QAM	1	3	19.74	19.71	19.75		
1.4	64QAM	1	5	19.72	19.77	19.72		
1.4	64QAM	3	0	19.56	19.75	19.64		
1.4	64QAM	3	1	19.56	19.66	19.64		
1.4	64QAM	3	3	19.51	19.57	19.54		
1.4	64QAM	6	0	18.66	18.78	18.72	19.5	2.5
1.4	256QAM	1	0	16.80	16.82	16.78	17.5	4.5
1.4	256QAM	1	3	16.69	16.83	16.67		
1.4	256QAM	1	5	16.66	16.66	16.61		
1.4	256QAM	3	0	16.66	16.76	16.74		
1.4	256QAM	3	1	16.67	16.68	16.61		
1.4	256QAM	3	3	16.62	16.69	16.55		
1.4	256QAM	6	0	16.65	16.79	16.67	17.5	4.5

Band 7 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.04	22.13	22.08	23	0
20	QPSK	1	49	21.99	22.08	22.02		
20	QPSK	1	99	21.87	22.01	21.98		
20	QPSK	50	0	21.04	21.19	21.06	22	1
20	QPSK	50	24	21.03	21.14	21.00		
20	QPSK	50	50	21.02	21.07	21.00		
20	QPSK

Band 25 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.43	21.52	21.47	22	0
20	QPSK	1	49	21.40	21.47	21.44		
20	QPSK	1	99	21.34	21.40	21.29		
20	QPSK	50	0	21.04	21.15	21.07	21.5	0.5
20	QPSK	50	24	21.01	21.10	21.02		
20	QPSK	50	50	20.94	21.03	20.89		
20	QPSK	100	0	21.05	21.13	21.09		
20	16QAM	1	0	20.47	20.57	20.53	21.5	0.5
20	16QAM	1	49	20.47	20.52	20.43		
20	16QAM	1	99	20.36	20.45	20.32		
20	16QAM	50	0	20.06	20.11	20.02	20.5	1.5
20	16QAM	50	24	19.97	20.06	20.03		
20	16QAM	50	50	19.93	19.99	19.85		
20	16QAM	100	0	20.09	20.16	20.07		
20	64QAM	1	0	19.48	19.53	19.41	20.5	1.5
20	64QAM	1	49	19.41	19.48	19.41		
20	64QAM	1	99	19.28	19.41	19.27		
20	64QAM	50	0	18.99	19.11	19.06	19.5	2.5
20	64QAM	50	24	18.96	19.06	18.96		
20	64QAM	50	50	18.94	18.99	18.89		
20	64QAM	100	0	18.94	19.01	18.94		
20	256QAM	1	0	17.11	17.17	17.06	17.5	4.5
20	256QAM	1	49	17.04	17.12	17.05		
20	256QAM	1	99	17.00	17.05	16.93		
20	256QAM	50	0	16.90	16.97	16.87	17.5	4.5
20	256QAM	50	24	16.88	16.92	16.89		
20	256QAM	50	50	16.74	16.85	16.71		
20	256QAM	100	0	16.84	16.99	16.95		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.31	21.44	21.37	22	0
15	QPSK	1	37	21.32	21.33	21.39		
15	QPSK	1	74	21.24	21.36	21.18		
15	QPSK	36	0	20.95	21.07	21.03	21.5	0.5
15	QPSK	36	20	20.94	20.95	20.88		
15	QPSK	36	39	20.82	20.99	20.79		
15	QPSK	75	0	21.01	20.98	21.01		
15	16QAM	1	0	20.34	20.43	20.40	21.5	0.5
15	16QAM	1	37	20.41	20.43	20.39		
15	16QAM	1	74	20.33	20.36	20.18		
15	16QAM	36	0	19.93	19.99	19.98	20.5	1.5
15	16QAM	36	20	19.85	19.91	19.94		
15	16QAM	36	39	19.80	19.94	19.77		
15	16QAM	75	0	19.97	20.12	19.94		
15	64QAM	1	0	19.33	19.42	19.37	20.5	1.5
15	64QAM	1	37	19.29	19.35	19.26		
15	64QAM	1	74	19.24	19.37	19.19		
15	64QAM	36	0	18.87	19.05	18.93	19.5	2.5
15	64QAM	36	20	18.92	19.02	18.87		
15	64QAM	36	39	18.83	18.96	18.86		
15	64QAM	75	0	18.86	18.94	18.82		
15	256QAM	1	0	16.97	17.13	16.92	17.5	4.5
15	256QAM	1	37	16.92	17.00	17.00		
15	256QAM	1	74	16.86	16.95	16.87		
15	256QAM	36	0	16.81	16.88	16.81	17.5	4.5
15	256QAM	36	20	16.77	16.86	16.76		
15	256QAM	36	39	16.64	16.74	16.66		
15	256QAM	75	0	16.71	16.92	16.92		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.37	21.48	21.43	22	0
10	QPSK	1	25	21.33	21.40	21.38		
10	QPSK	1	49	21.22	21.26	21.16		
10	QPSK	25	0	20.98	21.06	20.95	21.5	0.5
10	QPSK	25	12	20.89	21.02	20.93		
10	QPSK	25	25	20.85	20.94	20.75		
10	QPSK	50	0	20.91	21.03	20.96		
10	16QAM	1	0	20.32	20.42	20.41	21.5	0.5
10	16QAM	1	25	20.34	20.44	20.38		
10	16QAM	1	49	20.26	20.37	20.26		
10	16QAM	25	0	19.99	20.00	19.91	20.5	1.5
10	16QAM	25	12	19.82	19.98	20.00		
10	16QAM	25	25	19.80	19.92	19.71		
10	16QAM	50	0	19.96	20.06	19.98		
10	64QAM	1	0	19.40	19.44	19.38	20.5	1.5
10	64QAM	1	25	19.34	19.34	19.30		
10	64QAM	1	49	19.20	19.27	19.16		
10	64QAM	25	0	18.85	19.06	18.99	19.5	2.5
10	64QAM	25	12	18.85	19.01	18.83		
10	64QAM	25	25	18.84	18.94	18.81		
10	64QAM	50	0	18.87	18.96	18.88		
10	256QAM	1	0	17.06	17.09	17.00	17.5	4.5
10	256QAM	1	25	16.94	17.04	16.99		
10	256QAM	1	49	16.92	16.98	16.86		
10	256QAM	25	0	16.79	16.89	16.76	17.5	4.5
10	256QAM	25	12	16.77	16.88	16.74		
10	256QAM	25	25	16.70	16.72	16.58		
10	256QAM	50	0	16.79	16.95	16.82		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.35	21.40	21.33	22	0
5	QPSK	1	12	21.27	21.32	21.39		
5	QPSK	1	24	21.22	21.30	21.19		
5	QPSK	12	0	20.91	21.12	21.03	21.5	0.5
5	QPSK	12	7	20.97	21.03	20.97		
5	QPSK	12	13	20.83	20.95	20.86		
5	QPSK	25	0	20.98	20.99	20.98		
5	16QAM	1	0	20.42	20.47	20.47	21.5	0.5
5	16QAM	1	12	20.34	20.43	20.29		
5	16QAM	1	24	20.29	20.40	20.18		
5	16QAM	12	0	19.94	20.02	19.97	20.5	1.5
5	16QAM	12	7	19.93	20.00	19.88		
5	16QAM	12	13	19.85	19.88	19.81		
5	16QAM	25	0	20.00	20.01	19.95		
5	64QAM	1	0	19.33	19.42	19.33	20.5	1.5
5	64QAM	1	12	19.37	19.36	19.34		
5	64QAM	1	24	19.16	19.29	19.19		
5	64QAM	12	0	18.96	19.07	19.00	19.5	2.5
5	64QAM	12	7	18.83	18.94	18.89		
5	64QAM	12	13	18.84	18.92	18.77		
5	64QAM	25	0	18.80	18.94	18.89		
5	256QAM	1	0	17.02	17.13	17.00	17.5	4.5
5	256QAM	1	12	16.96	16.97	16.92		
5	256QAM	1	24	16.88	16.90	16.83		
5	256QAM	12	0	16.84	16.84	16.82	17.5	4.5
5	256QAM	12	7	16.74	16.81	16.84		
5	256QAM	12	13	16.65	16.74	16.65		
5	256QAM	25	0	16.73	16.84	16.89		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.39	21.45	21.33	22	0
3	QPSK	1	8	21.37	21.33	21.38		
3	QPSK	1	14	21.31	21.34	21.18		
3	QPSK	8	0	20.91	21.02	20.99	21.5	0.5
3	QPSK	8	4	20.87	21.04	20.96		
3	QPSK	8	7	20.81	20.93	20.83		
3	QPSK	15	0	20.98	21.07	21.01		
3	16QAM	1	0	20.39	20.43	20.42	21.5	0.5
3	16QAM	1	8	20.44	20.41	20.35		
3	16QAM	1	14	20.31	20.40	20.21		
3	16QAM	8	0	20.01	20.01	19.87	20.5	1.5
3	16QAM	8	4	19.94	19.92	19.93		
3	16QAM	8	7	19.88	19.87	19.72		
3	16QAM	15	0	19.96	20.03	20.03		
3	64QAM	1	0	19.39	19.38	19.29	20.5	1.5
3	64QAM	1	8	19.34	19.39	19.34		
3	64QAM	1	14	19.22	19.29	19.14		
3	64QAM	8	0	18.93	19.05	19.02	19.5	2.5
3	64QAM	8	4	18.92	18.96	18.84		
3	64QAM	8	7	18.84	18.85	18.84		
3	64QAM	15	0	18.90	18.88	18.84		
3	256QAM	1	0	17.05	17.11	16.96	17.5	4.5
3	256QAM	1	8	16.91	16.97	16.91		
3	256QAM	1	14	16.96	16.92	16.79		
3	256QAM	8	0	16.77	16.87	16.82	17.5	4.5
3	256QAM	8	4	16.85	16.89	16.84		
3	256QAM	8	7	16.66	16.78	16.57		
3	256QAM	15	0	16.71	16.93	16.87		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.36	21.37	21.37	22	0
1.4	QPSK	1	3	21.30	21.35	21.26		
1.4	QPSK	1	5	21.28	21.32	21.21		
1.4	QPSK	3	0	21.22	21.28	21.20		
1.4	QPSK	3	1	21.28	21.32	21.23		
1.4	QPSK	3	3	21.29	21.27	21.17		
1.4	QPSK	6	0	20.99	21.02	20.95	21.5	0.5
1.4	16QAM	1	0	20.92	21.04	20.91	21.5	0.5
1.4	16QAM	1	3	20.88	20.98	20.82		
1.4	16QAM	1	5	20.96	21.10	21.05		
1.4	16QAM	3	0	20.40	20.49	20.39		
1.4	16QAM	3	1	20.40	20.43	20.35		
1.4	16QAM	3	3	20.29	20.34	20.18		
1.4	16QAM	6	0	19.97	20.03	19.94	20.5	1.5
1.4	64QAM	1	0	19.86	19.95	19.94	20.5	1.5
1.4	64QAM	1	3	19.86	19.93	19.73		
1.4	64QAM	1	5	20.04	20.05	19.93		
1.4	64QAM	3	0	19.39	19.41	19.29		
1.4	64QAM	3	1	19.31	19.41	19.30		
1.4	64QAM	3	3	19.17	19.33	19.14		
1.4	64QAM	6	0	18.93	18.97	19.02	19.5	2.5
1.4	256QAM	1	0	17.00	17.09	16.92	17.5	4.5
1.4	256QAM	1	3	16.90	16.98	17.01		
1.4	256QAM	1	5	16.93	16.94	16.89		
1.4	256QAM	3	0	16.81	16.84	16.73		
1.4	256QAM	3	1	16.74	16.78	16.76		
1.4	256QAM	3	3	16.67	16.71	16.56		
1.4	256QAM	6	0	16.80	16.85	16.89	17.5	4.5

Band 66 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.43	21.57	21.51	22	0
20	QPSK	1	49	21.38	21.52	21.45		
20	QPSK	1	99	21.41	21.45	21.38		
20	QPSK	50	0	20.61	20.72	20.58	21	1
20	QPSK	50	24	20.52	20.64	20.51		
20	QPSK	50	50	20.51	20.57	20.43		
20	QPSK	100	0	20.56	20.65	20.57		
20	16QAM	1	0	20.73	20.87	20.84	21	1
20	16QAM	1	49	20.72	20.82	20.72		
20	16QAM	1	99	20.69	20.75	20.67		
20	16QAM	50	0	19.68	19.77	19.64	20	2
20	16QAM	50	24	19.63	19.72	19.62		
20	16QAM	50	50	19.53	19.65	19.50		
20	16QAM	100	0	19.62	19.69	19.58		
20	64QAM	1	0	19.64	19.77	19.73	20	2
20	64QAM	1	49	19.62	19.72	19.58		
20	64QAM	1	99	19.55	19.65	19.54		
20	64QAM	50	0	18.53	18.64	18.58	19	3
20	64QAM	50	24	18.44	18.59	18.51		
20	64QAM	50	50	18.38	18.52	18.47		
20	64QAM	100	0	18.67	18.73	18.59		
20	256QAM	1	0	16.62	16.71	16.60	17	5
20	256QAM	1	49	16.57	16.66	16.60		
20	256QAM	1	99	16.45	16.59	16.49		
20	256QAM	50	0	16.53	16.63	16.50	17	5
20	256QAM	50	24	16.48	16.58	16.50		
20	256QAM	50	50	16.43	16.51	16.37		
20	256QAM	100	0	16.52	16.61	16.49		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.36	21.53	21.42	22	0
15	QPSK	1	37	21.26	21.40	21.37		
15	QPSK	1	74	21.35	21.31	21.27		
15	QPSK	36	0	20.58	20.60	20.44	21	1
15	QPSK	36	20	20.46	20.56	20.38		
15	QPSK	36	39	20.45	20.43	20.37		
15	QPSK	75	0	20.42	20.57	20.52		
15	16QAM	1	0	20.64	20.77	20.72	21	1
15	16QAM	1	37	20.62	20.71	20.66		
15	16QAM	1	74	20.65	20.68	20.54		
15	16QAM	36	0	19.55	19.63	19.60	20	2
15	16QAM	36	20	19.48	19.61	19.56		
15	16QAM	36	39	19.45	19.50	19.40		
15	16QAM	75	0	19.50	19.58	19.47		
15	64QAM	1	0	19.58	19.72	19.59	20	2
15	64QAM	1	37	19.49	19.68	19.54		
15	64QAM	1	74	19.42	19.54	19.44		
15	64QAM	36	0	18.48	18.51	18.54	19	3
15	64QAM	36	20	18.33	18.51	18.43		
15	64QAM	36	39	18.25	18.44	18.39		
15	64QAM	75	0	18.54	18.61	18.55		
15	256QAM	1	0	16.53	16.57	16.51	17	5
15	256QAM	1	37	16.51	16.56	16.57		
15	256QAM	1	74	16.37	16.56	16.42		
15	256QAM	36	0	16.43	16.50	16.37	17	5
15	256QAM	36	20	16.39	16.46	16.40		
15	256QAM	36	39	16.34	16.47	16.31		
15	256QAM	75	0	16.46	16.47	16.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.28	21.50	21.40	22	0
10	QPSK	1	25	21.29	21.47	21.38		
10	QPSK	1	49	21.28	21.31	21.24		
10	QPSK	25	0	20.50	20.59	20.47	21	1
10	QPSK	25	12	20.42	20.56	20.41		
10	QPSK	25	25	20.44	20.49	20.36		
10	QPSK	50	0	20.50	20.52	20.44		
10	16QAM	1	0	20.62	20.74	20.77	21	1
10	16QAM	1	25	20.60	20.79	20.61		
10	16QAM	1	49	20.56	20.62	20.61		
10	16QAM	25	0	19.56	19.69	19.52	20	2
10	16QAM	25	12	19.56	19.61	19.53		
10	16QAM	25	25	19.44	19.54	19.41		
10	16QAM	50	0	19.49	19.66	19.48		
10	64QAM	1	0	19.53	19.64	19.60	20	2
10	64QAM	1	25	19.53	19.58	19.48		
10	64QAM	1	49	19.45	19.62	19.49		
10	64QAM	25	0	18.45	18.53	18.49	19	3
10	64QAM	25	12	18.38	18.49	18.45		
10	64QAM	25	25	18.33	18.42	18.42		
10	64QAM	50	0	18.56	18.67	18.51		
10	256QAM	1	0	16.59	16.64	16.50	17	5
10	256QAM	1	25	16.52	16.61	16.46		
10	256QAM	1	49	16.30	16.52	16.38		
10	256QAM	25	0	16.46	16.59	16.45	17	5
10	256QAM	25	12	16.43	16.52	16.47		
10	256QAM	25	25	16.39	16.37	16.32		
10	256QAM	50	0	16.39	16.58	16.46		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.35	21.44	21.41	22	0
5	QPSK	1	12	21.26	21.38	21.40		
5	QPSK	1	24	21.27	21.33	21.31		
5	QPSK	12	0	20.54	20.60	20.47	21	1
5	QPSK	12	7	20.40	20.54	20.36		
5	QPSK	12	13	20.37	20.45	20.29		
5	QPSK	25	0	20.49	20.53	20.44		
5	16QAM	1	0	20.59	20.73	20.80	21	1
5	16QAM	1	12	20.58	20.74	20.64		
5	16QAM	1	24	20.61	20.66	20.63		
5	16QAM	12	0	19.63	19.69	19.49	20	2
5	16QAM	12	7	19.56	19.62	19.48		
5	16QAM	12	13	19.38	19.53	19.36		
5	16QAM	25	0	19.56	19.54	19.55		
5	64QAM	1	0	19.50	19.73	19.63	20	2
5	64QAM	1	12	19.55	19.66	19.48		
5	64QAM	1	24	19.43	19.58	19.40		
5	64QAM	12	0	18.46	18.60	18.51	19	3
5	64QAM	12	7	18.40	18.45	18.41		
5	64QAM	12	13	18.26	18.43	18.36		
5	64QAM	25	0	18.59	18.60	18.46		
5	256QAM	1	0	16.53	16.57	16.52	17	5
5	256QAM	1	12	16.52	16.58	16.47		
5	256QAM	1	24	16.33	16.45	16.37		
5	256QAM	12	0	16.43	16.53	16.36	17	5
5	256QAM	12	7	16.43	16.44	16.46		
5	256QAM	12	13	16.40	16.37	16.22		
5	256QAM	25	0	16.44	16.51	16.36		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.31	21.47	21.42	22	0
3	QPSK	1	8	21.25	21.43	21.36		
3	QPSK	1	14	21.34	21.40	21.35		
3	QPSK	8	0	20.57	20.64	20.43	21	1
3	QPSK	8	4	20.43	20.49	20.42		
3	QPSK	8	7	20.41	20.48	20.32		
3	QPSK	15	0	20.42	20.51	20.50		
3	16QAM	1	0	20.63	20.81	20.81	21	1
3	16QAM	1	8	20.63	20.71	20.61		
3	16QAM	1	14	20.63	20.71	20.52		
3	16QAM	8	0	19.62	19.71	19.57	20	2
3	16QAM	8	4	19.51	19.68	19.51		
3	16QAM	8	7	19.49	19.53	19.44		
3	16QAM	15	0	19.58	19.64	19.50		
3	64QAM	1	0	19.55	19.72	19.62	20	2
3	64QAM	1	8	19.46	19.58	19.49		
3	64QAM	1	14	19.42	19.60	19.49		
3	64QAM	8	0	18.41	18.53	18.45	19	3
3	64QAM	8	4	18.34	18.56	18.39		
3	64QAM	8	7	18.29	18.38	18.37		
3	64QAM	15	0	18.56	18.65	18.54		
3	256QAM	1	0	16.53	16.60	16.51	17	5
3	256QAM	1	8	16.52	16.56	16.52		
3	256QAM	1	14	16.53	16.53	16.37		
3	256QAM	8	0	16.39	16.60	16.45	17	5
3	256QAM	8	4	16.41	16.49	16.38		
3	256QAM	8	7	16.29	16.41	16.30		
3	256QAM	15	0	16.42	16.48	16.42		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.35	21.48	21.39	22	0
1.4	QPSK	1	3	21.34	21.39	21.33		
1.4	QPSK	1	5	21.38	21.41	21.35		
1.4	QPSK	3	0	21.33	21.46	21.39		
1.4	QPSK	3	1	21.26	21.39	21.42		
1.4	QPSK	3	3	21.26	21.37	21.30		
1.4	QPSK	6	0	20.56	20.69	20.51	21.5	0.5
1.4	16QAM	1	0	20.40	20.49	20.47	21.5	0.5
1.4	16QAM	1	3	20.40	20.53	20.32		
1.4	16QAM	1	5	20.52	20.61	20.53		
1.4	16QAM	3	0	20.65	20.83	20.69		
1.4	16QAM	3	1	20.58	20.70	20.67		
1.4	16QAM	3	3	20.65	20.61	20.64		
1.4	16QAM	6	0	19.54	19.68	19.58	20.5	1.5
1.4	64QAM	1	0	19.59	19.66	19.51	20.5	1.5
1.4	64QAM	1	3	19.42	19.54	19.41		
1.4	64QAM	1	5	19.48	19.54	19.50		
1.4	64QAM	3	0	19.59	19.68	19.65		
1.4	64QAM	3	1	19.49	19.58	19.48		
1.4	64QAM	3	3	19.42	19.50	19.43		
1.4	64QAM	6	0	18.40	18.51	18.47	19.5	2.5
1.4	256QAM	1	0	16.49	16.65	16.49	17.5	4.5
1.4	256QAM	1	3	16.49	16.59	16.50		
1.4	256QAM	1	5	16.32	16.51	16.43		
1.4	256QAM	3	0	16.47	16.48	16.37		
1.4	256QAM	3	1	16.38	16.45	16.44		
1.4	256QAM	3	3	16.29	16.39	16.25		
1.4	256QAM	6	0	16.42	16.47	16.38	17.5	4.5

Band 38 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.49	22.59	22.53		
20	QPSK	1	49	22.35	22.46	22.50	24	0
20	QPSK	1	99	22.37	22.53	22.46		
20	QPSK	50	0	21.27	21.44	21.37		
20	QPSK	50	24	21.27	21.35	21.38	23	1
20	QPSK	50	50	21.22	21.27	21.31		
20	QPSK	100	0	21.22	21.41	21.27		
20	16QAM	1	0	21.29	21.34	21.29		
20	16QAM	1	49	21.24	21.28	21.22	23	1
20	16QAM	1	99	21.09	21.19	21.14		
20	16QAM	50	0	20.41	20.51	20.56		
20	16QAM	50	24	20.34	20.51	20.51	22	2
20	16QAM	50	50	20.26	20.36	20.26		
20	16QAM	100	0	20.26	20.40	20.27		
20	64QAM	1	0	20.26	20.27	20.25		
20	64QAM	1	49	20.21	20.26	20.24	22	2
20	64QAM	1	99	20.05	20.14	20.04		
20	64QAM	50	0	19.47	19.55	19.42		
20	64QAM	50	24	19.43	19.48	19.41	21	3
20	64QAM	50	50	19.31	19.45	19.35		
20	64QAM	100	0	19.24	19.31	19.20		
20	256QAM	1	0	17.41	17.48	17.31		
20	256QAM	1	49	17.29	17.34	17.21	19	5
20	256QAM	1	99	17.20	17.30	17.19		
20	256QAM	50	0	17.31	17.46	17.36		
20	256QAM	50	24	17.36	17.33	17.27	19	5
20	256QAM	50	50	17.21	17.33	17.11		
20	256QAM	100	0	17.25	17.27	17.25		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.45	22.56	22.44		
15	QPSK	1	37	22.30	22.36	22.43	24	0
15	QPSK	1	74	22.31	22.42	22.43		
15	QPSK	36	0	21.12	21.30	21.26		
15	QPSK	36	20	21.14	21.30	21.34	23	1
15	QPSK	36	39	21.08	21.24	21.23		
15	QPSK	75	0	21.11	21.33	21.21		
15	16QAM	1	0	21.25	21.20	21.18		
15	16QAM	1	37	21.16	21.17	21.08	23	1
15	16QAM	1	74	21.01	21.06	21.02		
15	16QAM	36	0	20.31	20.44	20.43		
15	16QAM	36	20	20.31	20.37	20.38	22	2
15	16QAM	36	39	20.19	20.32	20.12		
15	16QAM	75	0	20.16	20.30	20.13		
15	64QAM	1	0	20.12	20.14	20.12		
15	64QAM	1	37	20.17	20.21	20.11	22	2
15	64QAM	1	74	20.16	20.06	20.15		
15	64QAM	36	0	19.37	19.46	19.32		
15	64QAM	36	20	19.38	19.45	19.34	21	3
15	64QAM	36	39	19.23	19.41	19.25		
15	64QAM	75	0	19.15	19.27	19.11		
15	256QAM	1	0	17.29	17.36	17.20		
15	256QAM	1	37	17.15	17.19	17.12	19	5
15	256QAM	1	74	17.10	17.23	17.05		
15	256QAM	36	0	17.19	17.42	17.31		
15	256QAM	36	20	17.27	17.30	17.14	19	5
15	256QAM	36	39	17.13	17.19	17.10		
15	256QAM	75	0	17.15	17.21	17.13		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	22.34	22.52	22.40		
10	QPSK	1	25	22.30	22.32	22.41	24	0
10	QPSK	1	49	22.23	22.45	22.42		
10	QPSK	25	0	21.18	21.37	21.31		
10	QPSK	25	12	21.23	21.23	21.29	23	1
10	QPSK	25	25	21.19	21.19	21.24		
10	QPSK	50	0	21.14	21.26	21.21		
10	16QAM	1	0	21.18	21.27	21.17		
10	16QAM	1	25	21.20	21.22	21.19	23	1
10	16QAM	1	49	21.05	21.10	21.06		
10	16QAM	25	0	20.32	20.39	20.51		
10	16QAM	25	12	20.21	20.39	20.46	22	2
10	16QAM	25	25	20.21	20.24	20.22		
10	16QAM	50	0	20.19	20.36	20.15		
10	64QAM	1	0	20.16	20.21	20.18		
10	64QAM	1	25	20.12	20.19	20.12	22	2
10	64QAM	1	49	20.15	20.00	20.19		
10	64QAM	25	0	19.39	19.51	19.28		
10	64QAM	25	12	19.36	19.39	19.26	21	3
10	64QAM	25	25	19.22	19.40	19.32		
10	64QAM	50	0	19.16	19.27	19.14		
10	256QAM	1	0	17.29	17.34	17.17		
10	256QAM	1	25	17.18	17.24	17.09	19	5
10	256QAM	1	49	17.16	17.26	17.04		
10	256QAM	25	0	17.24	17.36	17.29		
10	256QAM	25	12	17.32	17.29	17.18	19	5
10	256QAM	25	25	17.11	17.23	17.15		
10	256QAM	50	0	17.12	17.13	17.20		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.39	22.54	22.43		
5	QPSK	1	12	22.31	22.40	22.39	24	0
5	QPSK	1	24	22.31	22.48	22.40		
5	QPSK	12	0	21.22	21.36	21.33		
5	QPSK	12	7	21.19	21.29	21.31	23	1
5	QPSK	12	13	21.15	21.19	21.22		
5	QPSK	25	0	21.14	21.35	21.24		
5	16QAM	1	0	21.15	21.22	21.18		
5	16QAM	1	12	21.14	21.19	21.16	23	1
5	16QAM	1	24	21.15	21.13	21.04		
5	16QAM	12	0	20.30	20.39	20.51		
5	16QAM	12	7	20.21	20.40	20.39	22	2
5	16QAM	12	13	20.21	20.26	20.11		
5	16QAM	25	0	20.13	20.33	20.21		
5	64QAM	1	0	20.16	20.23	20.15		
5	64QAM	1	12	20.06	20.22	20.12	22	2
5	64QAM	1	24	20.16	20.10	20.19		
5	64QAM	12	0	19.37	19.47	19.28		
5	64QAM	12	7	19.30	19.41	19.37	21	3
5	64QAM	12	13	19.22	19.38	19.27		
5	64QAM	25	0	19.16	19.27	19.15		
5	256QAM	1	0	17.36	17.44	17.24		
5	256QAM	1	12	17.17	17.30	17.17	19	5
5	256QAM	1	24	17.07	17.25	17.07		
5	256QAM	12	0	17.23	17.33	17.27		
5	256QAM	12	7	17.31	17.29	17.18	19	5
5	256QAM	12	13	17.15	17.28	17.15		
5	256QAM	25	0	17.18	17.15	17.14		

Band 41 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.57	22.61	22.68	22.55	22.49		
20	QPSK	1	49	22.53	22.56	22.63	22.49	22.43	24	0
20	QPSK	1	99	22.47	22.45	22.56	22.51	22.37		
20	QPSK	50	0	21.46	21.47	21.53	21.47	21.43		
20	QPSK	50	24	21.36	21.34	21.34	21.42	21.30	23	1
20	QPSK	50	50	21.27	21.36	21.41	21.31	21.22		
20	QPSK	100	0	21.41	21.36	21.49	21.44	21.32		
20	16QAM	1	0	21.35	21.36	21.41	21.28	21.23		
20	16QAM	1	49	21.22	21.23	21.36	21.23	21.19	23	1
20	16QAM	1	99	21.15	21.20	21.29	21.26	21.12		
20	16QAM	50	0	20.42	20.49	20.57	20.45	20.47		
20	16QAM	50	24	20.37	20.39	20.52	20.37	20.39	22	2
20	16QAM	50	50	20.37	20.31	20.45	20.40	20.30		
20	16QAM	100	0	20.47	20.40	20.52	20.38	20.40		
20	64QAM	1	0	20.40	20.42	20.48	20.40	20.36		
20	64QAM	1	49	20.32	20.35	20.43	20.29	20.34	22	2
20	64QAM	1	99	20.23	20.31	20.36	20.23	20.26		
20	64QAM	50	0	19.48	19.40	19.55	19.46	19.39		
20	64QAM	50	24	19.44	19.47	19.50	19.37	19.39	21	3
20	64QAM	50	50	19.33	19.30	19.43	19.39	19.27		
20	64QAM	100	0	19.36	19.43	19.50	19.37	19.37		
20	256QAM	1	0	17.53	17.51	17.62	17.49	17.53		
20	256QAM	1	49	17.54	17.51	17.57	17.50	17.45	19	5
20	256QAM	1	99	17.46	17.43	17.50	17.38	17.37		
20	256QAM	50	0	17.48	17.48	17.54	17.48	17.35		
20	256QAM	50	24	17.34	17.37	17.49	17.41	17.31	19	5
20	256QAM	50	50	17.30	17.35	17.42	17.33	17.32		
20	256QAM	100	0	17.43	17.36	17.48	17.35	17.40		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	22.51	22.55	22.62	22.43	22.39		
15	QPSK	1	37	22.44	22.42	22.52	22.44	22.40	24.00	0
15	QPSK	1	74	22.39	22.41	22.51	22.37	22.30		
15	QPSK	36	0	21.33	21.43	21.48	21.37	21.35		
15	QPSK	36	20	21.22	21.27	21.40	21.39	21.17	23	1
15	QPSK	36	39	21.16	21.24	21.27	21.23	21.14		
15	QPSK	75	0	21.31	21.24	21.44	21.32	21.26		
15	16QAM	1	0	21.31	21.32	21.29	21.15	21.17		
15	16QAM	1	37	21.15	21.15	21.28	21.15	21.10	23	1
15	16QAM	1	74	21.11	21.10	21.20	21.11	21.04		
15	16QAM	36	0	20.31	20.45	20.43	20.39	20.39		
15	16QAM	36	20	20.29	20.33	20.49	20.30	20.31	22	2
15	16QAM	36	39	20.25	20.28	20.39	20.32	20.22		
15	16QAM	75	0	20.39	20.33	20.42	20.27	20.29		
15	64QAM	1	0	20.29	20.27	20.35	20.31	20.29		
15	64QAM	1	37	20.29	20.31	20.32	20.20	20.25	22	2
15	64QAM	1	74	20.16	20.21	20.30	20.17	20.14		
15	64QAM	36	0	19.44	19.30	19.47	19.31	19.33		
15	64QAM	36	20	19.38	19.36	19.41	19.23	19.35	21	3
15	64QAM	36	39	19.19	19.16	19.34	19.24	19.17		
15	64QAM	75	0	19.23	19.32	19.39	19.25	19.26		
15	256QAM	1	0	17.40	17.46	17.53	17.37	17.41		
15	256QAM	1	37	17.48	17.46	17.49	17.44	17.31	19	5
15	256QAM	1	74	17.33	17.34	17.44	17.31	17.24		
15	256QAM	36	0	17.42	17.41	17.47	17.37	17.27		
15	256QAM	36	20	17.27	17.33	17.44	17.38	17.26	19	5
15	256QAM	36	39	17.25	17.30	17.29	17.25	17.27		
15	256QAM	75	0	17.36	17.32	17.34	17.29	17.25		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	22.50	22.49	22.59	22.42	22.34		
10	QPSK	1	25	22.46	22.49	22.54	22.45	22.29	24.00	0
10	QPSK	1	49	22.37	22.34	22.47	22.47	22.23		
10	QPSK	25	0	21.37	21.37	21.41	21.35	21.30		
10	QPSK	25	12	21.24	21.20	21.34	21.30	21.18	23	1
10	QPSK	25	25	21.20	21.26	21.29	21.20	21.16		
10	QPSK	50	0	21.34	21.26	21.40	21.29	21.21		
10	16QAM	1	0	21.32	21.21	21.29	21.18	21.19		
10	16QAM	1	25	21.17	21.18	21.26	21.15	21.15	23	1
10	16QAM	1	49	21.06	21.07	21.14	21.22	21.03		
10	16QAM	25	0	20.39	20.39	20.44	20.37	20.32		
10	16QAM	25	12	20.25	20.29	20.49	20.29	20.26	22	2
10	16QAM	25	25	20.33	20.19	20.38	20.36	20.27		
10	16QAM	50	0	20.43	20.32	20.47	20.28	20.28		
10	64QAM	1	0	20.27	20.28	20.42	20.27	20.25		
10	64QAM	1	25	20.24	20.27	20.30	20.18	20.28	22	2
10	64QAM	1	49	20.09	20.18	20.33	20.10	20.22		
10	64QAM	25	0	19.38	19.34	19.44	19.32	19.30		
10	64QAM	25	12	19.34	19.35	19.35	19.24	19.25	21	3
10	64QAM	25	25	19.25	19.22	19.29	19.35	19.14		
10	64QAM	50	0	19.28	19.31	19.47	19.27	19.30		
10	256QAM	1	0	17.40	17.42	17.56	17.46	17.40		
10	256QAM	1	25	17.44	17.46	17.53	17.43	17.38	19	5
10	256QAM	1	49	17.43	17.39	17.45	17.23	17.29		
10	256QAM	25	0	17.43	17.34	17.50	17.40	17.28		
10	256QAM	25	12	17.29	17.27	17.44	17.27	17.20	19	5
10	256QAM	25	25	17.23	17.23	17.37	17.27	17.28		
10	256QAM	50	0	17.30	17.25	17.43	17.24	17.33		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	22.45	22.54	22.61	22.52	22.44		
5	QPSK	1	12	22.49	22.50	22.55	22.36	22.36	24.00	0
5	QPSK	1	24	22.41	22.41	22.44	22.42	22.22		
5	QPSK	12	0	21.37	21.35	21.41	21.33	21.29		
5	QPSK	12	7	21.27	21.29	21.43	21.30	21.23	23	1
5	QPSK	12	13	21.22	21.31	21.38	21.22	21.15		
5	QPSK	25	0	21.30	21.29	21.38	21.35	21.21		
5	16QAM	1	0	21.23	21.27	21.29	21.17	21.17		
5	16QAM	1	12	21.14	21.17	21.27	21.18	21.10	23	1
5	16QAM	1	24	21.02	21.16	21.15	21.21	21.06		
5	16QAM	12	0	20.37	20.40	20.45	20.33	20.32		
5	16QAM	12	7	20.27	20.36	20.43	20.26	20.31	22	2
5	16QAM	12	13	20.27	20.26	20.36	20.31	20.17		
5	16QAM	25	0	20.42	20.29	20.41	20.30	20.34		
5	64QAM	1	0	20.26	20.35	20.37	20.30	20.29		
5	64QAM	1	12	20.18	20.30	20.31	20.16	20.22	22	2
5	64QAM	1	24	20.12	20.17	20.29	20.12	20.19		
5	64QAM	12	0	19.34	19.32	19.47	19.39	19.35		
5	64QAM	12	7	19.31	19.37	19.35	19.31	19.36	21	3
5	64QAM	12	13	19.28	19.19	19.31	19.29	19.23		
5	64QAM	25	0	19.31	19.31	19.47	19.31	19.25		
5	256QAM	1	0	17.46	17.36	17.48	17.36	17.48		
5	256QAM	1	12	17.46	17.44	17.47	17.40	17.38	19	5
5	256QAM	1	24	17.33	17.40	17.40	17.26	17.30		
5	256QAM	12	0	17.34	17.43	17.49	17.45	17.31		
5	256QAM	12	7	17.26	17.26	17.45	17.34	17.27	19	5
5	256QAM	12	13	17.25	17.26	17.32	17.21	17.26		
5	256QAM	25	0	17.33	17.26	17.44	17.20	17.28		

Band 41 HPUE Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.75	25.80	25.92	25.72	25.83		
20	QPSK	1	49	25.59	25.69	25.75	25.64	25.68	27	0
20	QPSK	1	99	25.55	25.57	25.78	25.58	25.69		
20	QPSK	50	0	25.61	25.66	25.77	25.63	25.72		
20	QPSK	50	24	25.49	25.53	25.65	25.56	25.54	26	1
20	QPSK	50	50	25.42	25.47	25.55	25.56	25.40		
20	QPSK	100	0	25.37	25.51	25.72	25.60	25.60		
20	16QAM	1	0	25.61	25.70	25.82	25.68	25.73		
20	16QAM	1	49	25.53	25.59	25.70	25.57	25.60	26	1
20	16QAM	1	99	25.52	25.57	25.63	25.60	25.51		
20	16QAM	50	0	24.48	24.54	24.74	24.64	24.70		
20	16QAM	50	24	24.46	24.57	24.66	24.55	24.60	25	2
20	16QAM	50	50	24.44	24.52	24.61	24.54	24.53		
20	16QAM	100	0	24.49	24.57	24.76	24.60	24.71		
20	64QAM	1	0	24.93	24.98	24.84	24.79	24.86		
20	64QAM	1	49	24.91	24.98	24.97	24.90	24.92	25	2
20	64QAM	1	99	24.81	24.93	24.94	24.91	24.84		
20	64QAM	50	0	23.58	23.66	23.76	23.60	23.61		
20	64QAM	50	24	23.43	23.55	23.63	23.61	23.51	24	3
20	64QAM	50	50	23.46	23.51	23.61	23.54	23.48		
20	64QAM	100	0	23.50	23.58	23.67	23.67	23.61		
20	256QAM	1	0	21.69	21.81	21.95	21.76	21.81		
20	256QAM	1	49	21.72	21.76	21.95	21.81	21.91	22	5
20	256QAM	1	99	21.62	21.68	21.73	21.75	21.64		
20	256QAM	50	0	21.55	21.58	21.74	21.63	21.67		
20	256QAM	50	24	21.39	21.53	21.59	21.50	21.52	22	5
20	256QAM	50	50	21.36	21.51	21.54	21.48	21.43		
20	256QAM	100	0	21.50	21.63	21.77	21.59	21.63		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	25.64	25.73	25.84	25.68	25.71		
15	QPSK	1	37	25.51	25.58	25.65	25.56	25.59	27.00	0
15	QPSK	1	74	25.43	25.51	25.74	25.44	25.56		
15	QPSK	36	0	25.52	25.61	25.69	25.56	25.59		
15	QPSK	36	20	25.37	25.41	25.54	25.45	25.42	26	1
15	QPSK	36	39	25.36	25.34	25.40	25.46	25.25		
15	QPSK	75	0	25.32	25.40	25.59	25.53	25.49		
15	16QAM	1	0	25.54	25.58	25.76	25.64	25.66		
15	16QAM	1	37	25.49	25.55	25.63	25.42	25.56	26	1
15	16QAM	1	74	25.42	25.48	25.51	25.48	25.48		
15	16QAM	36	0	24.38	24.43	24.59	24.60	24.58		
15	16QAM	36	20	24.35	24.43	24.59	24.52	24.46	25	2
15	16QAM	36	39	24.38	24.42	24.57	24.42	24.40		
15	16QAM	75	0	24.35	24.51	24.63	24.46	24.63		
15	64QAM	1	0	24.85	24.86	24.88	24.93	24.77		
15	64QAM	1	37	24.81	24.88	24.85	24.86	24.86	25	2
15	64QAM	1	74	24.76	24.84	24.81	24.87	24.73		
15	64QAM	36	0	23.47	23.60	23.62	23.54	23.46		
15	64QAM	36	20	23.32	23.52	23.51	23.58	23.41	24	3
15	64QAM	36	39	23.40	23.45	23.50	23.50	23.33		
15	64QAM	75	0	23.44	23.55	23.63	23.61	23.51		
15	256QAM	1	0	21.64	21.69	21.82	21.70	21.86		
15	256QAM	1	37	21.63	21.64	21.84	21.73	21.83	22	5
15	256QAM	1	74	21.48	21.61	21.62	21.60	21.52		
15	256QAM	36	0	21.50	21.54	21.68	21.59	21.61		
15	256QAM	36	20	21.31	21.44	21.51	21.46	21.38	22	5
15	256QAM	36	39	21.30	21.44	21.51	21.44	21.38		
15	256QAM	75	0	21.40	21.54	21.67	21.50	21.58		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	25.67	25.68	25.89	25.68	25.79		
10	QPSK	1	25	25.53	25.55	25.70	25.60	25.56	27.00	0
10	QPSK	1	49	25.44	25.49	25.70	25.50	25.62		
10	QPSK	25	0	25.54	25.62	25.70	25.53	25.66		
10	QPSK	25	12	25.38	25.46	25.62	25.47	25.41	26	1
10	QPSK	25	25	25.38	25.38	25.42	25.45	25.31		
10	QPSK	50	0	25.26	25.47	25.64	25.48	25.46		
10	16QAM	1	0	25.56	25.64	25.72	25.62	25.70		
10	16QAM	1	25	25.47	25.51	25.66	25.49	25.51	26	1
10	16QAM	1	49	25.38	25.47	25.53	25.48	25.42		
10	16QAM	25	0	24.38	24.47	24.67	24.55	24.66		
10	16QAM	25	12	24.33	24.43	24.55	24.46	24.46	25	2
10	16QAM	25	25	24.33	24.42	24.50	24.43	24.39		
10	16QAM	50	0	24.40	24.49	24.63	24.49	24.65		
10	64QAM	1	0	24.83	24.97	24.87	24.95	24.86		
10	64QAM	1	25	24.87	24.88	24.94	24.77	24.85	25	2
10	64QAM	1	49	24.70	24.81	24.81	24.80	24.79		
10	64QAM	25	0	23.54	23.63	23.

Band 42 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3600	3740		
20	QPSK	1	0	21.35	21.49	21.41		
20	QPSK	1	49	21.33	21.44	21.39	22	0
20	QPSK	1	99	21.28	21.37	21.26		
20	QPSK	50	0	20.22	20.33	20.29		
20	QPSK	50	24	20.24	20.23	20.21	21	1
20	QPSK	50	50	20.07	20.21	20.11		
20	QPSK	100	0	20.15	20.26	20.19		
20	16QAM	1	0	20.09	20.21	20.11		
20	16QAM	1	49	20.07	20.16	20.06	21	1
20	16QAM	1	99	19.95	20.09	20.03		
20	16QAM	50	0	19.17	19.30	19.19		
20	16QAM	50	24	19.18	19.25	19.22	20	2
20	16QAM	50	50	19.06	19.18	19.08		
20	16QAM	100	0	19.09	19.22	19.09		
20	64QAM	1	0	19.04	19.18	19.10		
20	64QAM	1	49	19.05	19.13	19.05	20	2
20	64QAM	1	99	18.99	19.06	19.01		
20	64QAM	50	0	18.05	18.15	18.04		
20	64QAM	50	24	18.07	18.10	17.96	19	3
20	64QAM	50	50	17.96	18.03	17.94		
20	64QAM	100	0	18.17	18.26	18.17		
20	256QAM	1	0	16.23	16.31	16.22		
20	256QAM	1	49	16.11	16.26	16.20	17	5
20	256QAM	1	99	16.06	16.19	16.05		
20	256QAM	50	0	16.11	16.25	16.20		
20	256QAM	50	24	16.10	16.20	16.11	17	5
20	256QAM	50	50	16.08	16.13	16.06		
20	256QAM	100	0	16.07	16.22	16.09		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3600	3742.5	(dBm)	(dB)
15	QPSK	1	0	21.22	21.44	21.26		
15	QPSK	1	37	21.22	21.38	21.33	22	0
15	QPSK	1	74	21.23	21.23	21.13		
15	QPSK	36	0	20.15	20.30	20.21		
15	QPSK	36	20	20.10	20.17	20.08	21	1
15	QPSK	36	39	20.02	20.07	20.06		
15	QPSK	75	0	20.00	20.22	20.09		
15	16QAM	1	0	20.00	20.18	20.05		
15	16QAM	1	37	19.98	20.03	19.91	21	1
15	16QAM	1	74	19.82	19.96	19.89		
15	16QAM	36	0	19.09	19.17	19.07		
15	16QAM	36	20	19.09	19.18	19.10	20	2
15	16QAM	36	39	19.00	19.09	19.04		
15	16QAM	75	0	19.02	19.18	18.97		
15	64QAM	1	0	18.98	19.11	19.02		
15	64QAM	1	37	18.97	18.98	18.98	20	2
15	64QAM	1	74	18.87	19.00	18.94		
15	64QAM	36	0	18.00	18.07	17.97		
15	64QAM	36	20	17.92	18.02	17.82	19	3
15	64QAM	36	39	17.94	17.98	17.86		
15	64QAM	75	0	18.08	18.23	18.12		
15	256QAM	1	0	16.13	16.24	16.14		
15	256QAM	1	37	15.96	16.20	16.12	17	5
15	256QAM	1	74	15.99	16.07	15.91		
15	256QAM	36	0	15.99	16.13	16.06		
15	256QAM	36	20	16.07	16.06	16.03	17	5
15	256QAM	36	39	16.00	16.04	16.00		
15	256QAM	75	0	15.93	16.14	16.04		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3600	3745	(dBm)	(dB)
10	QPSK	1	0	21.31	21.42	21.37		
10	QPSK	1	25	21.27	21.38	21.29	22	0
10	QPSK	1	49	21.20	21.24	21.21		
10	QPSK	25	0	20.12	20.21	20.25		
10	QPSK	25	12	20.18	20.22	20.11	21	1
10	QPSK	25	25	19.95	20.13	19.96		
10	QPSK	50	0	20.03	20.11	20.12		
10	16QAM	1	0	20.05	20.11	20.00		
10	16QAM	1	25	20.01	20.07	19.95	21	1
10	16QAM	1	49	19.87	19.99	19.93		
10	16QAM	25	0	19.12	19.20	19.10		
10	16QAM	25	12	19.12	19.22	19.11	20	2
10	16QAM	25	25	18.96	19.06	18.94		
10	16QAM	50	0	19.06	19.08	19.04		
10	64QAM	1	0	18.91	19.06	18.97		
10	64QAM	1	25	18.98	19.05	18.98	20	2
10	64QAM	1	49	18.94	19.00	18.96		
10	64QAM	25	0	17.94	18.06	17.97		
10	64QAM	25	12	17.96	18.04	17.90	19	3
10	64QAM	25	25	17.87	17.93	17.91		
10	64QAM	50	0	18.04	18.19	18.07		
10	256QAM	1	0	16.15	16.26	16.15		
10	256QAM	1	25	15.96	16.20	16.15	17	5
10	256QAM	1	49	15.93	16.07	15.93		
10	256QAM	25	0	16.00	16.11	16.09		
10	256QAM	25	12	15.97	16.15	16.01	17	5
10	256QAM	25	25	16.02	15.99	15.98		
10	256QAM	50	0	16.00	16.15	15.98		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3600	3747.5	(dBm)	(dB)
5	QPSK	1	0	21.26	21.38	21.31		
5	QPSK	1	12	21.29	21.37	21.27	22	0
5	QPSK	1	24	21.21	21.26	21.22		
5	QPSK	12	0	20.15	20.20	20.22		
5	QPSK	12	7	20.09	20.14	20.07	21	1
5	QPSK	12	13	19.98	20.07	19.98		
5	QPSK	25	0	20.03	20.15	20.14		
5	16QAM	1	0	20.02	20.10	20.05		
5	16QAM	1	12	19.95	20.03	19.94	21	1
5	16QAM	1	24	19.88	19.99	19.99		
5	16QAM	12	0	19.12	19.16	19.07		
5	16QAM	12	7	19.12	19.10	19.14	20	2
5	16QAM	12	13	18.93	19.10	19.04		
5	16QAM	25	0	19.05	19.18	19.04		
5	64QAM	1	0	18.95	19.08	18.96		
5	64QAM	1	12	19.02	19.02	18.92	20	2
5	64QAM	1	24	18.87	18.97	18.91		
5	64QAM	12	0	17.92	18.06	17.95		
5	64QAM	12	7	18.04	17.97	17.82	19	3
5	64QAM	12	13	17.88	17.94	17.84		
5	64QAM	25	0	18.05	18.20	18.09		
5	256QAM	1	0	16.12	16.24	16.13		
5	256QAM	1	12	16.02	16.16	16.12	17	5
5	256QAM	1	24	16.02	16.06	15.95		
5	256QAM	12	0	16.00	16.12	16.14		
5	256QAM	12	7	16.07	16.07	16.00	17	5
5	256QAM	12	13	16.03	16.06	15.94		
5	256QAM	25	0	16.03	16.13	16.04		

Band 42 Part 96 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3660	3675	3690		
20	QPSK	1	0	21.24	21.47	21.40		
20	QPSK	1	49	21.29	21.35	21.33	22	0
20	QPSK	1	99	21.24	21.35	21.12		
20	QPSK	50	0	20.20	20.27	20.19		
20	QPSK	50	24	20.21	20.23	20.09	21	1
20	QPSK	50	50	19.93	20.12	20.03		
20	QPSK	100	0	20.05	20.18	20.15		
20	16QAM	1	0	19.96	20.10	20.06		
20	16QAM	1	49	20.02	20.12	20.03	21	1
20	16QAM	1	99	19.87	19.95	19.94		
20	16QAM	50	0	19.07	19.24	19.05		
20	16QAM	50	24	19.07	19.10	19.17	20	2
20	16QAM	50	50	19.04	19.14	19.06		
20	16QAM	100	0	19.01	19.09	19.05		
20	64QAM	1	0	18.91	19.02	19.08		
20	64QAM	1	49	18.99	19.07	18.96	20	2
20	64QAM	1	99	18.84	18.98	18.89		
20	64QAM	50	0	17.97	18.01	18.00		
20	64QAM	50	24	18.05	18.04	17.82	19	3
20	64QAM	50	50	17.92	18.00	17.84		
20	64QAM	100	0	18.12	18.10	18.07		
20	256QAM	1	0	16.13	16.19	16.10		
20	256QAM	1	49	16.05	16.10	16.14	17	5
20	256QAM	1	99	15.89	16.15	15.93		
20	256QAM	50	0	15.97	16.12	16.16		
20	256QAM	50	24	15.96	16.19	16.03	17	5
20	256QAM	50	50	15.91	16.01	16.05		
20	256QAM	100	0	15.93	16.18	15.95		
Channel				43165	43340	43515	Tune-up limit	MPR
Frequency (MHz)				3657.5	3675	3692.5	(dBm)	(dB)
15	QPSK	1	0	21.21	21.34	21.31		
15	QPSK	1	37	21.17	21.22	21.26	22	0
15	QPSK	1	74	21.11	21.31	21.08		
15	QPSK	36	0	20.09	20.19	20.07		
15	QPSK	36	20	20.11	20.07	20.03	21	1
15	QPSK	36	39	19.80	20.09	19.91		
15	QPSK	75	0	19.96	20.05	20.06		
15	16QAM	1	0	19.85	20.04	20.02		
15	16QAM	1	37	19.98	20.08	19.98	21	1
15	16QAM	1	74	19.79	19.87	19.83		
15	16QAM	36	0	18.94	19.23	18.89		
15	16QAM	36	20	18.96	18.97	19.00	20	2
15	16QAM	36	39	18.88	19.00	18.95		
15	16QAM	75	0	18.86	19.05	18.95		
15	64QAM	1	0	18.79	18.87	18.93		
15	64QAM	1	37	18.87	18.98	18.94	20	2
15	64QAM	1	74	18.77	18.83	18.82		
15	64QAM	36	0	17.82	17.86	17.85		
15	64QAM	36	20	17.99	17.95	17.71	19	3
15	64QAM	36	39	17.76	17.90	17.82		
15	64QAM	75	0	18.04	17.96	18.01		
15	256QAM	1	0	16.09	16.06	15.97		
15	256QAM	1	37	16.00	16.08	16.12	17	5
15	256QAM	1	74	15.79	16.01	15.83		
15	256QAM	36	0	15.88	16.08	16.05		
15	256QAM	36	20	15.91	16.09	15.95	17	5
15	256QAM	36	39	15.75	15.86	15.94		
15	256QAM	75	0	15.76	16.03	15.86		
Channel				43140	43340	43540	Tune-up limit	MPR
Frequency (MHz)				3655	3675	3695	(dBm)	(dB)
10	QPSK	1	0	21.20	21.40	21.26		
10	QPSK	1	25	21.17	21.28	21.24	22	0
10	QPSK	1	49	21.16	21.21	21.11		
10	QPSK	25	0	20.08	20.15	20.08		
10	QPSK	25	12	20.13	20.11	19.98	21	1
10	QPSK	25	25	19.92	20.02	20.02		
10	QPSK	50	0	19.98	20.14	20.09		
10	16QAM	1	0	19.90	20.06	20.00		
10	16QAM	1	25	19.91	20.03	20.01	21	1
10	16QAM	1	49	19.76	19.82	19.80		
10	16QAM	25	0	18.92	19.19	19.03		
10	16QAM	25	12	19.04	19.05	19.01	20	2
10	16QAM	25	25	19.01	19.05	18.99		
10	16QAM	50	0	18.91	19.06	19.01		
10	64QAM	1	0	18.75	18.92	18.93		
10	64QAM	1	25	18.84	18.99	18.85	20	2
10	64QAM	1	49	18.69	18.84	18.78		
10	64QAM	25	0	17.89	17.99	17.92		
10	64QAM	25	12	17.89	17.96	17.75	19	3
10	64QAM	25	25	17.87	17.96	17.78		
10	64QAM	50	0	18.04	17.95	17.98		
10	256QAM	1	0	16.08	16.12	15.97		
10	256QAM	1	25	16.02	15.99	16.09	17	5
10	256QAM	1	49	15.80	16.07	15.80		
10	256QAM	25	0	15.86	16.02	16.13		
10	256QAM	25	12	15.89	16.13	15.91	17	5
10	256QAM	25	25	15.82	15.91	16.00		
10	256QAM	50	0	15.76	16.09	15.91		
Channel				43115	43340	43565	Tune-up limit	MPR
Frequency (MHz)				3652.5	3675	3697.5	(dBm)	(dB)
5	QPSK	1	0	21.19	21.43	21.33		
5	QPSK	1	12	21.26	21.31	21.18	22	0
5	QPSK	1	24	21.18	21.24	21.04		
5	QPSK	12	0	20.08	20.13	20.08		
5	QPSK	12	7	20.13	20.15	19.93	21	1
5	QPSK	12	13	19.83	20.02	19.95		
5	QPSK	25	0	19.91	20.05	20.05		
5	16QAM	1	0	19.81	20.07	19.96		
5	16QAM	1	12	19.91	20.05	19.95	21	1
5	16QAM	1	24	19.83	19.79	19.79		
5	16QAM	12	0	18.99	19.18	18.96		
5	16QAM	12	7	18.91	18.93	19.03	20	2
5	16QAM	12	13	18.93	19.13	19.02		
5	16QAM	25	0	18.99	19.05	18.94		
5	64QAM	1	0	18.76	18.89	19.07		
5	64QAM	1	12	18.85	18.90	18.85	20	2
5	64QAM	1	24	18.79	18.94	18.87		
5	64QAM	12	0	17.90	17.88	17.89		
5	64QAM	12	7	17.93	17.94	17.66	19	3
5	64QAM	12	13	17.80	17.93	17.80		
5	64QAM	25	0	17.98	17.95	18.02		
5	256QAM	1	0	16.04	16.16	15.96		
5	256QAM	1	12	15.97	16.02	16.04	17	5
5	256QAM	1	24	15.82	15.99	15.92		
5	256QAM	12	0	15.92	15.95	16.11		
5	256QAM	12	7	15.88	16.05	15.99	17	5
5	256QAM	12	13	15.86	15.99	15.95		
5	256QAM	25	0	15.89	16.10	15.81		

Band 43 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3810	3850	3890		
20	QPSK	1	0	21.28	21.33	21.24		
20	QPSK	1	49	21.20	21.28	21.17	22	0
20	QPSK	1	99	21.12	21.23	21.10		
20	QPSK	50	0	20.14	20.21	20.07		
20	QPSK	50	24	20.03	20.16	20.11	21	1
20	QPSK	50	50	20.00	20.09	19.99		
20	QPSK	100	0	20.02	20.17	20.04		
20	16QAM	1	0	20.03	20.12	20.08		
20	16QAM	1	49	19.93	20.07	20.02	21	1
20	16QAM	1	99	19.95	20.00	19.95		
20	16QAM	50	0	18.99	19.11	19.05		
20	16QAM	50	24	18.91	19.06	19.01	20	2
20	16QAM	50	50	18.85	18.99	18.89		
20	16QAM	100	0	19.03	19.08	18.99		
20	64QAM	1	0	18.88	18.99	18.89		
20	64QAM	1	49	18.85	18.94	18.89	20	2
20	64QAM	1	99	18.79	18.87	18.80		
20	64QAM	50	0	18.11	18.15	18.06		
20	64QAM	50	24	17.96	18.10	18.06	19	3
20	64QAM	50	50	17.90	18.03	17.90		
20	64QAM	100	0	17.94	18.02	17.98		
20	256QAM	1	0	16.07	16.15	16.01		
20	256QAM	1	49	15.96	16.10	16.04	17	5
20	256QAM	1	99	15.93	16.03	15.88		
20	256QAM	50	0	15.96	16.09	16.06		
20	256QAM	50	24	16.00	16.04	15.93	17	5
20	256QAM	50	50	15.93	15.97	15.92		
20	256QAM	100	0	15.82	15.96	15.87		
Channel				43665	44090	44515	Tune-up limit	MPR
Frequency (MHz)				3807.5	3850	3892.5	(dBm)	(dB)
15	QPSK	1	0	21.15	21.27	21.13		
15	QPSK	1	37	21.09	21.21	21.12	22	0
15	QPSK	1	74	21.07	21.17	21.02		
15	QPSK	36	0	20.07	20.15	20.01		
15	QPSK	36	20	19.93	20.02	19.98	21	1
15	QPSK	36	39	19.89	19.97	19.89		
15	QPSK	75	0	19.91	20.08	19.90		
15	16QAM	1	0	19.99	20.01	19.94		
15	16QAM	1	37	19.78	19.93	19.94	21	1
15	16QAM	1	74	19.86	19.91	19.91		
15	16QAM	36	0	18.87	19.05	18.93		
15	16QAM	36	20	18.88	18.92	18.96	20	2
15	16QAM	36	39	18.81	18.90	18.74		
15	16QAM	75	0	18.99	18.96	18.84		
15	64QAM	1	0	18.73	18.88	18.75		
15	64QAM	1	37	18.70	18.89	18.75	20	2
15	64QAM	1	74	18.66	18.72	18.66		
15	64QAM	36	0	18.05	18.02	18.02		
15	64QAM	36	20	17.86	18.06	17.93	19	3
15	64QAM	36	39	17.87	17.97	17.84		
15	64QAM	75	0	17.89	17.94	17.95		
15	256QAM	1	0	15.96	16.08	15.89		
15	256QAM	1	37	15.91	15.97	15.90	17	5
15	256QAM	1	74	15.84	15.91	15.79		
15	256QAM	36	0	15.83	15.98	15.92		
15	256QAM	36	20	15.87	15.96	15.85	17	5
15	256QAM	36	39	15.82	15.87	15.85		
15	256QAM	75	0	15.78	15.85	15.83		
Channel				43640	44090	44540	Tune-up limit	MPR
Frequency (MHz)				3825	3850	3895	(dBm)	(dB)
10	QPSK	1	0	21.23	21.29	21.18		
10	QPSK	1	25	21.07	21.20	21.10	22	0
10	QPSK	1	49	21.06	21.17	21.01		
10	QPSK	25	0	20.04	20.09	20.00		
10	QPSK	25	12	19.91	20.09	20.04	21	1
10	QPSK	25	25	19.95	20.03	19.84		
10	QPSK	50	0	19.98	20.10	19.96		
10	16QAM	1	0	19.96	20.08	20.00		
10	16QAM	1	25	19.79	19.99	19.88	21	1
10	16QAM	1	49	19.87	19.90	19.82		
10	16QAM	25	0	18.93	19.06	18.95		
10	16QAM	25	12	18.77	19.00	18.97	20	2
10	16QAM	25	25	18.76	18.94	18.83		
10	16QAM	50	0	18.99	18.99	18.95		
10	64QAM	1	0	18.77	18.88	18.77		
10	64QAM	1	25	18.81	18.84	18.81	20	2
10	64QAM	1	49	18.75	18.73	18.75		
10	64QAM	25	0	18.01	18.04	17.91		
10	64QAM	25	12	17.90	17.95	17.96	19	3
10	64QAM	25	25	17.81	18.00	17.78		
10	64QAM	50	0	17.79	17.98	17.85		
10	256QAM	1	0	15.92	16.07	15.89		
10	256QAM	1	25	15.82	15.97	15.94	17	5
10	256QAM	1	49	15.79	15.97	15.79		
10	256QAM	25	0	15.85	16.00	15.93		
10	256QAM	25	12	15.92	15.97	15.88	17	5
10	256QAM	25	25	15.79	15.90	15.87		
10	256QAM	50	0	15.67	15.90	15.80		
Channel				43615	44090	44565	Tune-up limit	MPR
Frequency (MHz)				3802.5	3850	3897.5	(dBm)	(dB)
5	QPSK	1	0	21.19	21.21	21.15		
5	QPSK	1	12	21.07	21.15	21.04	22	0
5	QPSK	1	24	21.05	21.11	21.00		
5	QPSK	12	0	20.02	20.14	19.94		
5	QPSK	12	7	19.93	20.09	20.06	21	1
5	QPSK	12	13	19.89	20.03	19.91		
5	QPSK	25	0	19.95	20.10	19.96		
5	16QAM	1	0	19.96	20.08	19.96		
5	16QAM	1	12	19.84	19.94	19.90	21	1
5	16QAM	1	24	19.89	19.94	19.90		
5	16QAM	12	0	18.91	18.96	19.02		
5	16QAM	12	7	18.81	18.97	18.96	20	2
5	16QAM	12	13	18.74	18.91	18.82		
5	16QAM	25	0	18.91	19.01	18.84		
5	64QAM	1	0	18.77	18.89	18.82		
5	64QAM	1	12	18.78	18.83	18.84	20	2
5	64QAM	1	24	18.65	18.77	18.71		
5	64QAM	12	0	18.05	18.12	17.98		
5	64QAM	12	7	17.86	17.97	17.95	19	3
5	64QAM	12	13	17.76	18.00	17.86		
5	64QAM	25	0	17.81	17.96	17.91		
5	256QAM	1	0	15.96	16.01	15.92		
5	256QAM	1	12	15.91	15.99	15.89	17	5
5	256QAM	1	24	15.88	15.89	15.74		
5	256QAM	12	0	15.90	15.99	15.95		
5	256QAM	12	7	15.96	15.98	15.81	17	5
5	256QAM	12	13	15.79	15.87	15.84		
5	256QAM	25	0	15.75	15.87	15.83		

Band 48 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.36	21.44	21.41	21.31	22	0
20	QPSK	1	49	21.31	21.39	21.34	21.28		
20	QPSK	1	99	21.21	21.32	21.26	21.25		
20	QPSK	50	0	21.34	21.38	21.32	21.25	22	0
20	QPSK	50	24	21.21	21.33	21.25	21.23		
20	QPSK	50	50	21.17	21.26	21.15	21.20		
20	QPSK	100	0	21.29	21.33	21.20	21.21		
20	16QAM	1	0	21.26	21.38	21.33	21.24	22	0
20	16QAM	1	49	21.21	21.33	21.20	21.20		
20	16QAM	1	99	21.13	21.26	21.22	21.12		
20	16QAM	50	0	20.29	20.35	20.27	20.25	21	1
20	16QAM	50	24	20.21	20.30	20.21	20.25		
20	16QAM	50	50	20.13	20.23	20.10	20.15		
20	16QAM	100	0	20.23	20.32	20.26	20.25		
20	64QAM	1	0	20.16	20.27	20.23	20.15	21	1
20	64QAM	1	49	20.08	20.22	20.18	20.17		
20	64QAM	1	99	20.05	20.15	20.06	20.02		
20	64QAM	50	0	19.21	19.31	19.21	19.24	20	2
20	64QAM	50	24	19.17	19.26	19.11	19.14		
20	64QAM	50	50	19.10	19.19	19.08	19.08		
20	64QAM	100	0	19.20	19.28	19.20	19.23		
20	256QAM	1	0	17.29	17.34	17.24	17.28	18	4
20	256QAM	1	49	17.21	17.29	17.25	17.19		
20	256QAM	1	99	17.14	17.22	17.09	17.10		
20	256QAM	50	0	17.16	17.28	17.14	17.17	18	4
20	256QAM	50	24	17.18	17.23	17.16	17.19		
20	256QAM	50	50	17.10	17.16	17.10	17.04		
20	256QAM	100	0	17.18	17.23	17.15	17.12		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.22	21.39	21.27	21.25	22	0
15	QPSK	1	37	21.28	21.30	21.26	21.24		
15	QPSK	1	74	21.16	21.22	21.20	21.18		
15	QPSK	36	0	21.27	21.24	21.28	21.22	22	0
15	QPSK	36	20	21.18	21.24	21.12	21.19		
15	QPSK	36	39	21.06	21.20	21.12	21.10		
15	QPSK	75	0	21.16	21.28	21.08	21.08		
15	16QAM	1	0	21.19	21.24	21.29	21.21	22	0
15	16QAM	1	37	21.13	21.25	21.17	21.13		
15	16QAM	1	74	20.98	21.22	21.13	21.05		
15	16QAM	36	0	20.14	20.23	20.13	20.20	21	1
15	16QAM	36	20	20.14	20.26	20.16	20.16		
15	16QAM	36	39	20.02	20.17	20.04	20.09		
15	16QAM	75	0	20.12	20.20	20.22	20.20		
15	64QAM	1	0	20.08	20.21	20.13	20.02	21	1
15	64QAM	1	37	20.02	20.08	20.13	20.10		
15	64QAM	1	74	19.92	20.11	19.99	19.94		
15	64QAM	36	0	19.11	19.26	19.09	19.13	20	2
15	64QAM	36	20	19.10	19.18	18.97	19.06		
15	64QAM	36	39	18.96	19.14	19.01	19.03		
15	64QAM	75	0	19.09	19.24	19.07	19.17		
15	256QAM	1	0	17.16	17.22	17.13	17.20	18	4
15	256QAM	1	37	17.07	17.25	17.13	17.14		
15	256QAM	1	74	17.10	17.09	16.96	17.00		
15	256QAM	36	0	17.09	17.14	17.08	17.03	18	4
15	256QAM	36	20	17.06	17.14	17.01	17.06		
15	256QAM	36	39	16.98	17.13	17.00	16.93		
15	256QAM	75	0	17.04	17.17	17.06	17.01		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.30	21.35	21.30	21.26	22	0
10	QPSK	1	25	21.25	21.31	21.28	21.22		
10	QPSK	1	49	21.12	21.29	21.13	21.19		
10	QPSK	25	0	21.22	21.35	21.21	21.14	22	0
10	QPSK	25	12	21.18	21.19	21.22	21.15		
10	QPSK	25	25	21.11	21.15	21.05	21.14		
10	QPSK	50	0	21.14	21.25	21.07	21.07		
10	16QAM	1	0	21.18	21.26	21.28	21.13	22	0
10	16QAM	1	25	21.11	21.20	21.14	21.09		
10	16QAM	1	49	21.02	21.18	21.16	21.09		
10	16QAM	25	0	20.20	20.24	20.14	20.15	21	1
10	16QAM	25	12	20.10	20.25	20.17	20.10		
10	16QAM	25	25	19.99	20.16	20.02	20.04		
10	16QAM	50	0	20.16	20.18	20.20	20.21		
10	64QAM	1	0	20.07	20.23	20.20	20.04	21	1
10	64QAM	1	25	19.96	20.16	20.15	20.02		
10	64QAM	1	49	19.98	20.10	20.03	19.93		
10	64QAM	25	0	19.11	19.25	19.08	19.10	20	2
10	64QAM	25	12	19.13	19.16	18.96	19.11		
10	64QAM	25	25	19.04	19.13	19.05	18.98		
10	64QAM	50	0	19.10	19.17	19.10	19.08		
10	256QAM	1	0	17.22	17.21	17.16	17.20	18	4
10	256QAM	1	25	17.12	17.14	17.11	17.04		
10	256QAM	1	49	17.04	17.14	17.03	17.01		
10	256QAM	25	0	17.08	17.14	17.02	17.11	18	4
10	256QAM	25	12	17.09	17.09	17.07	17.05		
10	256QAM	25	25	17.05	17.02	17.04	17.00		
10	256QAM	50	0	17.09	17.14	17.11	17.01		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.22	21.35	21.27	21.18	22	0
5	QPSK	1	12	21.20	21.24	21.31	21.23		
5	QPSK	1	24	21.15	21.21	21.17	21.17		
5	QPSK	12	0	21.20	21.34	21.21	21.19	22	0
5	QPSK	12	7	21.07	21.22	21.16	21.17		
5	QPSK	12	13	21.12	21.23	21.09	21.16		
5	QPSK	25	0	21.16	21.22	21.10	21.14		
5	16QAM	1	0	21.19	21.23	21.21	21.10	22	0
5	16QAM	1	12	21.10	21.21	21.08	21.17		
5	16QAM	1	24	21.00	21.11	21.16	21.00		
5	16QAM	12	0	20.22	20.31	20.23	20.21	21	1
5	16QAM	12	7	20.07	20.20	20.08	20.19		
5	16QAM	12	13	19.99	20.18	19.95	20.01		
5	16QAM	25	0	20.14	20.19	20.12	20.12		
5	64QAM	1	0	20.12	20.19	20.11	20.04	21	1
5	64QAM	1	12	19.98	20.09	20.12	20.08		
5	64QAM	1	24	20.01	20.01	20.00	19.90		
5	64QAM	12	0	19.12	19.21	19.14	19.16	20	2
5	64QAM	12	7	19.06	19.22	19.05	19.01		
5	64QAM	12	13	18.97	19.12	18.98	19.04		
5	64QAM	25	0	19.06	19.21	19.09	19.14		
5	256QAM	1	0	17.22	17.22	17.10	17.22	18	4
5	256QAM	1	12	17.07	17.24	17.21	17.07		
5	256QAM	1	24	17.08	17.18	17.04	17.07		
5	256QAM	12	0	17.02	17.15	17.11	17.10	18	4
5	256QAM	12	7	17.07	17.19	17.04	17.13		
5	256QAM	12	13	17.03	17.04	17.05	16.97		
5	256QAM	25	0	17.03	17.20	17.10	17.01		

GSM1900 Ant3	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	31.11	31.18	31.05	31.50	22.11	22.18	22.05	22.50
GPRS 1 Tx slot	31.15	31.23	31.09	31.50	22.15	22.23	22.09	22.50
GPRS 2 Tx slots	27.52	27.60	27.54	28.00	21.52	21.60	21.54	22.00
GPRS 3 Tx slots	25.19	25.28	25.15	27.00	20.93	21.02	20.89	22.74
GPRS 4 Tx slots	23.39	23.52	23.40	25.00	20.39	20.52	20.40	22.00
EDGE 1 Tx slot	25.64	25.74	25.60	27.00	16.64	16.74	16.60	18.00
EDGE 2 Tx slots	24.06	24.12	23.99	25.50	18.06	18.12	17.99	19.50
EDGE 3 Tx slots	22.84	22.91	22.79	24.50	18.58	18.65	18.53	20.24
EDGE 4 Tx slots	20.73	20.80	20.77	22.50	17.73	17.80	17.77	19.50

Band		WCDMA II Ant3			Tune-up Limit (dBm)	WCDMA IV Ant3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.03	24.19	24.12	24.50	24.22	24.31	24.18	24.50
3GPP Rel 99	RMC 12.2Kbps	24.07	24.25	24.15	24.50	24.27	24.34	24.23	24.50
3GPP Rel 6	HSDPA Subtest-1	23.19	23.35	23.36	23.50	23.16	23.31	23.31	23.50
3GPP Rel 6	HSDPA Subtest-2	23.27	23.39	23.09	23.50	23.22	23.35	23.21	23.50
3GPP Rel 6	HSDPA Subtest-3	22.83	22.82	22.82	23.00	22.93	22.81	22.69	23.00
3GPP Rel 6	HSDPA Subtest-4	22.69	22.89	22.84	23.00	22.71	22.90	22.81	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.24	23.42	23.19	23.50	23.28	23.34	23.23	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.19	23.39	23.37	23.50	23.20	23.37	23.38	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.59	22.76	22.67	23.00	22.53	22.77	22.61	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.58	22.73	22.69	23.00	22.60	22.71	22.57	23.00
3GPP Rel 6	HSUPA Subtest-1	23.26	23.37	23.13	23.50	23.30	23.34	23.26	23.50
3GPP Rel 6	HSUPA Subtest-2	21.40	21.33	21.33	21.50	21.34	21.37	21.31	21.50
3GPP Rel 6	HSUPA Subtest-3	22.41	22.25	22.24	22.50	22.20	22.32	22.26	22.50
3GPP Rel 6	HSUPA Subtest-4	21.15	21.50	21.44	21.50	21.16	21.46	21.43	21.50
3GPP Rel 6	HSUPA Subtest-5	23.25	23.28	23.12	23.50	23.18	23.20	23.21	23.50

Band 2 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	22.65	22.72	22.70		
20	QPSK	1	49	22.52	22.63	22.57	24	0
20	QPSK	1	99	22.45	22.58	22.53		
20	QPSK	50	0	22.00	22.06	22.03		
20	QPSK	50	24	21.97	22.01	21.92	23	1
20	QPSK	50	50	21.90	21.94	21.84		
20	QPSK	100	0	21.98	22.02	21.87		
20	16QAM	1	0	21.90	21.97	21.86		
20	16QAM	1	49	21.85	21.92	21.84	23	1
20	16QAM	1	99	21.80	21.85	21.75		
20	16QAM	50	0	20.96	20.99	20.90		
20	16QAM	50	24	20.81	20.94	20.89	22	2
20	16QAM	50	50	20.75	20.87	20.76		
20	16QAM	100	0	20.87	20.93	20.80		
20	64QAM	1	0	20.80	20.91	20.80		
20	64QAM	1	49	20.76	20.86	20.71	22	2
20	64QAM	1	99	20.71	20.79	20.76		
20	64QAM	50	0	19.97	20.08	19.94		
20	64QAM	50	24	19.97	20.03	19.96	21	3
20	64QAM	50	50	19.93	19.96	19.88		
20	64QAM	100	0	19.93	20.03	19.92		
20	256QAM	1	0	17.90	18.01	17.89		
20	256QAM	1	49	17.89	17.96	17.86	19	5
20	256QAM	1	99	17.81	17.89	17.85		
20	256QAM	50	0	17.84	17.93	17.88		
20	256QAM	50	24	17.83	17.88	17.85	19	5
20	256QAM	50	50	17.68	17.81	17.69		
20	256QAM	100	0	17.86	17.91	17.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.60	22.68	22.61		
15	QPSK	1	37	22.42	22.58	22.49	24	0
15	QPSK	1	74	22.40	22.49	22.46		
15	QPSK	36	0	21.93	21.98	21.88		
15	QPSK	36	20	21.90	21.94	21.79	23	1
15	QPSK	36	39	21.84	21.88	21.73		
15	QPSK	75	0	21.89	21.90	21.78		
15	16QAM	1	0	21.83	21.82	21.80		
15	16QAM	1	37	21.78	21.87	21.73	23	1
15	16QAM	1	74	21.74	21.75	21.68		
15	16QAM	36	0	20.90	20.93	20.85		
15	16QAM	36	20	20.69	20.87	20.77	22	2
15	16QAM	36	39	20.70	20.81	20.69		
15	16QAM	75	0	20.73	20.85	20.69		
15	64QAM	1	0	20.70	20.77	20.69		
15	64QAM	1	37	20.62	20.72	20.57	22	2
15	64QAM	1	74	20.57	20.72	20.72		
15	64QAM	36	0	19.90	19.97	19.82		
15	64QAM	36	20	19.91	19.97	19.87	21	3
15	64QAM	36	39	19.87	19.91	19.81		
15	64QAM	75	0	19.81	19.89	19.83		
15	256QAM	1	0	17.76	17.97	17.83		
15	256QAM	1	37	17.82	17.88	17.79	19	5
15	256QAM	1	74	17.78	17.85	17.81		
15	256QAM	36	0	17.78	17.85	17.76		
15	256QAM	36	20	17.73	17.75	17.79	19	5
15	256QAM	36	39	17.64	17.74	17.60		
15	256QAM	75	0	17.71	17.84	17.64		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.60	22.61	22.60		
10	QPSK	1	25	22.46	22.54	22.50	24	0
10	QPSK	1	49	22.34	22.52	22.43		
10	QPSK	25	0	21.96	22.01	21.92		
10	QPSK	25	12	21.85	21.90	21.81	23	1
10	QPSK	25	25	21.80	21.89	21.75		
10	QPSK	50	0	21.90	21.89	21.77		
10	16QAM	1	0	21.85	21.88	21.71		
10	16QAM	1	25	21.80	21.86	21.80	23	1
10	16QAM	1	49	21.67	21.77	21.67		
10	16QAM	25	0	20.93	20.89	20.75		
10	16QAM	25	12	20.77	20.90	20.86	22	2
10	16QAM	25	25	20.69	20.83	20.63		
10	16QAM	50	0	20.76	20.80	20.70		
10	64QAM	1	0	20.65	20.76	20.71		
10	64QAM	1	25	20.66	20.71	20.61	22	2
10	64QAM	1	49	20.64	20.67	20.73		
10	64QAM	25	0	19.93	20.03	19.88		
10	64QAM	25	12	19.83	19.94	19.89	21	3
10	64QAM	25	25	19.86	19.85	19.75		
10	64QAM	50	0	19.86	19.94	19.80		
10	256QAM	1	0	17.84	17.97	17.76		
10	256QAM	1	25	17.81	17.82	17.75	19	5
10	256QAM	1	49	17.74	17.76	17.70		
10	256QAM	25	0	17.78	17.83	17.79		
10	256QAM	25	12	17.77	17.81	17.79	19	5
10	256QAM	25	25	17.65	17.72	17.58		
10	256QAM	50	0	17.77	17.78	17.70		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.62	22.67	22.64		
5	QPSK	1	12	22.39	22.54	22.46	24	0
5	QPSK	1	24	22.38	22.51	22.49		
5	QPSK	12	0	21.94	21.96	21.99		
5	QPSK	12	7	21.85	21.87	21.88	23	1
5	QPSK	12	13	21.83	21.80	21.71		
5	QPSK	25	0	21.95	21.89	21.83		
5	16QAM	1	0	21.75	21.89	21.73		
5	16QAM	1	12	21.81	21.81	21.78	23	1
5	16QAM	1	24	21.71	21.76	21.63		
5	16QAM	12	0	20.85	20.92	20.79		
5	16QAM	12	7	20.74	20.82	20.80	22	2
5	16QAM	12	13	20.70	20.80	20.70		
5	16QAM	25	0	20.74	20.79	20.65		
5	64QAM	1	0	20.73	20.80	20.65		
5	64QAM	1	12	20.65	20.77	20.58	22	2
5	64QAM	1	24	20.62	20.72	20.71		
5	64QAM	12	0	19.87	19.98	19.86		
5	64QAM	12	7	19.90	19.90	19.93	21	3
5	64QAM	12	13	19.82	19.91	19.78		
5	64QAM	25	0	19.88	19.96	19.82		
5	256QAM	1	0	17.78	17.96	17.79		
5	256QAM	1	12	17.79	17.92	17.76	19	5
5	256QAM	1	24	17.73	17.79	17.77		
5	256QAM	12	0	17.80	17.88	17.74		
5	256QAM	12	7	17.72	17.79	17.72	19	5
5	256QAM	12	13	17.54	17.74	17.55		
5	256QAM	25	0	17.82	17.86	17.67		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.51	22.66	22.60		
3	QPSK	1	8	22.37	22.51	22.45	24	0
3	QPSK	1	14	22.39	22.51	22.41		
3	QPSK	8	0	21.95	22.00	21.91		
3	QPSK	8	4	21.87	21.86	21.87	23	1
3	QPSK	8	7	21.77	21.79	21.72		
3	QPSK	15	0	21.90	21.89	21.73		
3	16QAM	1	0	21.82	21.93	21.71		
3	16QAM	1	8	21.78	21.81	21.77	23	1
3	16QAM	1	14	21.74	21.75	21.68		
3	16QAM	8	0	20.84	20.95	20.81		
3	16QAM	8	4	20.69	20.84	20.83	22	2
3	16QAM	8	7	20.71	20.74	20.72		
3	16QAM	15	0	20.79	20.88	20.66		
3	64QAM	1	0	20.70	20.82	20.75		
3	64QAM	1	8	20.67	20.75	20.57	22	2
3	64QAM	1	14	20.57	20.76	20.67		
3	64QAM	8	0	19.84	19.95	19.88		
3	64QAM	8	4	19.87	19.88	19.89	21	3
3	64QAM	8	7	19.81	19.88	19.81		
3	64QAM	15	0	19.84	19.88	19.87		
3	256QAM	1	0	17.78	17.91	17.76		
3	256QAM	1	8	17.75	17.86	17.76	19	5
3	256QAM	1	14	17.71	17.77	17.75		
3	256QAM	8	0	17.80	17.88	17.78		
3	256QAM	8	4	17.69	17.82	17.79	19	5
3	256QAM	8	7	17.55	17.72	17.55		
3	256QAM	15	0	17.74	17.85	17.71		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.61	22.61	22.66		
1.4	QPSK	1	3	22.40	22.57	22.43		
1.4	QPSK	1	5	22.33	22.53	22.46	24	0
1.4	QPSK	3	0	22.43	22.56	22.40		
1.4	QPSK	3	1	22.31	22.50	22.40		
1.4	QPSK	3	3	22.35	22.36	22.34		
1.4	QPSK	6	0	21.86	21.91	21.82	23	1
1.4	16QAM	1	0	21.84	21.89	21.78		
1.4	16QAM	1	3	21.82	21.82	21.77		
1.4	16QAM	1	5	21.84	21.99	21.83	23	1
1.4	16QAM	3	0	21.82	21.90	21.75		
1.4	16QAM	3	1	21.78	21.87	21.74		
1.4	16QAM	3	3	21.76	21.80	21.64		
1.4	16QAM	6	0	20.87	20.96	20.85	22	2
1.4	64QAM	1	0	20.74	20.85	20.79		
1.4	64QAM	1	3	20.62	20.75	20.67		
1.4	64QAM	1	5	20.79	20.82	20.73	22	2
1.4	64QAM	3	0	20.69	20.78	20.75		
1.4	64QAM	3	1	20.72	20.72	20.57		
1.4	64QAM	3	3	20.66	20.64	20.70		
1.4	64QAM	6	0	19.89	19.95	19.87	21	3
1.4	256QAM	1	0	17.80	17.94	17.82		
1.4	256QAM	1	3	17.81	17.82	17.74		
1.4	256QAM	1	5	17.70	17.85	17.74	19	5
1.4	256QAM	3	0	17.80	17.80	17.78		
1.4	256QAM	3	1	17.73	17.81	17.77		
1.4	256QAM	3	3	17.61	17.74	17.60		
1.4	256QAM	6	0	17.76	17.87	17.72	19	5

Band 4 Ant 3

BW [MHz]	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	22.72	22.87	22.67		
20	QPSK	1	49	22.61	22.78	22.53	24	0
20	QPSK	1	99	22.54	22.73	22.53		
20	QPSK	50	0	21.99	22.03	21.91		
20	QPSK	50	24	21.93	21.98	21.90	23	1
20	QPSK	50	50	21.86	21.91	21.81		
20	QPSK	100	0	21.90	21.99	21.78		
20	16QAM	1	0	22.15	22.18	22.05		
20	16QAM	1	49	21.99	22.13	22.07	23	1
20	16QAM	1	99	22.00	22.06	21.92		
20	16QAM	50	0	21.01	21.08	21.03		
20	16QAM	50	24	20.98	21.03	20.92	22	2
20	16QAM	50	50	20.88	20.96	20.91		
20	16QAM	100	0	20.89	21.04	20.90		
20	64QAM	1	0	21.02	21.14	21.06		
20	64QAM	1	49	21.05	21.09	21.01	22	2
20	64QAM	1	99	20.90	21.02	20.88		
20	64QAM	50	0	19.97	20.02	19.98		
20	64QAM	50	24	19.88	19.97	19.89	21	3
20	64QAM	50	50	19.76	19.90	19.83		
20	64QAM	100	0	19.96	20.11	20.01		
20	256QAM	1	0	18.03	18.12	18.06		
20	256QAM	1	49	17.94	18.07	17.92	19	5
20	256QAM	1	99	17.86	18.00	17.94		
20	256QAM	50	0	17.99	18.08	17.95		
20	256QAM	50	24	17.91	18.03	17.90	19	5
20	256QAM	50	50	17.82	17.96	17.89		
20	256QAM	100	0	17.96	18.04	17.92		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.68	22.83	22.64		
15	QPSK	1	37	22.52	22.70	22.49	24	0
15	QPSK	1	74	22.41	22.59	22.40		
15	QPSK	36	0	21.89	21.92	21.86		
15	QPSK	36	20	21.88	21.90	21.82	23	1
15	QPSK	36	39	21.71	21.87	21.73		
15	QPSK	75	0	21.71	21.78	21.75		
15	16QAM	1	0	22.04	22.10	21.93		
15	16QAM	1	37	21.93	22.05	22.01	23	1
15	16QAM	1	74	21.92	21.91	21.78		
15	16QAM	36	0	20.96	21.04	20.89		
15	16QAM	36	20	20.88	20.93	20.89	22	2
15	16QAM	36	39	20.81	20.90	20.85		
15	16QAM	75	0	20.80	20.96	20.81		
15	64QAM	1	0	20.93	21.11	20.94		
15	64QAM	1	37	21.01	20.94	20.92	22	2
15	64QAM	1	74	20.76	20.89	20.81		
15	64QAM	36	0	19.86	19.98	19.94		
15	64QAM	36	20	19.76	19.87	19.82	21	3
15	64QAM	36	39	19.72	19.76	19.75		
15	64QAM	75	0	19.89	20.06	19.97		
15	256QAM	1	0	17.94	18.06	17.99		
15	256QAM	1	37	17.81	18.03	17.83	19	5
15	256QAM	1	74	17.71	17.95	17.87		
15	256QAM	36	0	17.88	18.03	17.91		
15	256QAM	36	20	17.87	17.91	17.78	19	5
15	256QAM	36	39	17.70	17.92	17.76		
15	256QAM	75	0	17.83	17.92	17.79		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.67	22.78	22.56		
10	QPSK	1	25	22.55	22.72	22.43	24	0
10	QPSK	1	49	22.48	22.66	22.43		
10	QPSK	25	0	21.88	21.93	21.76		
10	QPSK	25	12	21.82	21.85	21.83	23	1
10	QPSK	25	25	21.71	21.85	21.77		
10	QPSK	50	0	21.71	21.79	21.65		
10	16QAM	1	0	22.12	22.06	22.00		
10	16QAM	1	25	21.95	22.07	21.99	23	1
10	16QAM	1	49	21.92	22.01	21.82		
10	16QAM	25	0	20.97	21.03	20.90		
10	16QAM	25	12	20.87	20.89	20.78	22	2
10	16QAM	25	25	20.83	20.89	20.86		
10	16QAM	50	0	20.76	20.92	20.83		
10	64QAM	1	0	20.95	21.02	20.97		
10	64QAM	1	25	21.02	20.96	20.88	22	2
10	64QAM	1	49	20.80	20.89	20.76		
10	64QAM	25	0	19.87	19.88	19.95		
10	64QAM	25	12	19.75	19.90	19.76	21	3
10	64QAM	25	25	19.70	19.76	19.79		
10	64QAM	50	0	19.88	20.01	19.93		
10	256QAM	1	0	17.96	18.04	17.95		
10	256QAM	1	25	17.82	17.99	17.80	19	5
10	256QAM	1	49	17.80	17.86	17.91		
10	256QAM	25	0	17.93	17.95	17.87		
10	256QAM	25	12	17.86	17.93	17.77	19	5
10	256QAM	25	25	17.74	17.86	17.82		
10	256QAM	50	0	17.90	17.92	17.88		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.62	22.73	22.55		
5	QPSK	1	12	22.49	22.69	22.39	24	0
5	QPSK	1	24	22.45	22.66	22.40		
5	QPSK	12	0	21.89	21.89	21.84		
5	QPSK	12	7	21.85	21.91	21.77	23	1
5	QPSK	12	13	21.75	21.87	21.77		
5	QPSK	25	0	21.66	21.75	21.68		
5	16QAM	1	0	22.06	22.12	21.91		
5	16QAM	1	12	21.89	22.00	21.95	23	1
5	16QAM	1	24	21.92	21.97	21.77		
5	16QAM	12	0	20.94	20.95	20.91		
5	16QAM	12	7	20.94	20.91	20.80	22	2
5	16QAM	12	13	20.74	20.94	20.81		
5	16QAM	25	0	20.76	20.90	20.81		
5	64QAM	1	0	20.90	20.99	20.99		
5	64QAM	1	12	20.96	20.97	20.92	22	2
5	64QAM	1	24	20.82	20.97	20.81		
5	64QAM	12	0	19.91	19.98	19.86		
5	64QAM	12	7	19.75	19.89	19.75	21	3
5	64QAM	12	13	19.64	19.77	19.75		
5	64QAM	25	0	19.88	19.98	19.92		
5	256QAM	1	0	17.93	17.98	18.00		
5	256QAM	1	12	17.80	17.98	17.88	19	5
5	256QAM	1	24	17.82	17.95	17.87		
5	256QAM	12	0	17.94	17.92	17.88		
5	256QAM	12	7	17.84	17.93	17.79	19	5
5	256QAM	12	13	17.72	17.92	17.80		
5	256QAM	25	0	17.85	17.98	17.83		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.61	22.73	22.52		
3	QPSK	1	8	22.53	22.69	22.43	24	0
3	QPSK	1	14	22.50	22.66	22.45		
3	QPSK	8	0	21.95	21.94	21.77		
3	QPSK	8	4	21.89	21.85	21.82	23	1
3	QPSK	8	7	21.82	21.82	21.73		
3	QPSK	15	0	21.68	21.84	21.64		
3	16QAM	1	0	22.06	22.12	21.92		
3	16QAM	1	8	21.95	22.03	21.98	23	1
3	16QAM	1	14	21.88	22.02	21.81		
3	16QAM	8	0	20.88	20.98	20.89		
3	16QAM	8	4	20.85	20.97	20.85	22	2
3	16QAM	8	7	20.80	20.82	20.87		
3	16QAM	15	0	20.82	20.93	20.86		
3	64QAM	1	0	20.95	21.07	21.00		
3	64QAM	1	8	20.95	20.94	20.93	22	2
3	64QAM	1	14	20.80	20.88	20.78		
3	64QAM	8	0	19.82	19.88	19.90		
3	64QAM	8	4	19.83	19.83	19.76	21	3
3	64QAM	8	7	19.70	19.84	19.74		
3	64QAM	15	0	19.88	20.07	19.95		
3	256QAM	1	0	17.88	18.08	17.93		
3	256QAM	1	8	17.89	17.99	17.88	19	5
3	256QAM	1	14	17.74	17.87	17.83		
3	256QAM	8	0	17.92	18.00	17.83		
3	256QAM	8	4	17.78	17.90	17.82	19	5
3	256QAM	8	7	17.76	17.91	17.79		
3	256QAM	15	0	17.93	17.98	17.79		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.58	22.82	22.57		
1.4	QPSK	1	3	22.57	22.73	22.49		
1.4	QPSK	1	5	22.48	22.67	22.46	24	0
1.4	QPSK	3	0	22.58	22.70	22.59		
1.4	QPSK	3	1	22.45	22.49	22.55		
1.4	QPSK	3	3	22.47	22.45	22.43		
1.4	QPSK	6	0	21.89	21.90	21.82	23	1
1.4	16QAM	1	0	21.87	21.89	21.77		
1.4	16QAM	1	3	21.72	21.83	21.77		
1.4	16QAM	1	5	21.74	21.75	21.74	23	1
1.4	16QAM	3	0	22.05	22.08	21.90		
1.4	16QAM	3	1	21.94	22.01	21.93		
1.4	16QAM	3	3	21.94	21.95	21.84		
1.4	16QAM	6	0	20.88	20.95	20.94	22	2
1.4	64QAM	1	0	20.84	20.94	20.82		
1.4	64QAM	1	3	20.78	20.89	20.86		
1.4	64QAM	1	5	20.75	21.00	20.84	22	2
1.4	64QAM	3	0	20.97	21.02	20.94		
1.4	64QAM	3	1	20.90	20.94	20.97		
1.4	64QAM	3	3	20.82	20.96	20.84		
1.4	64QAM	6	0	19.83	19.90	19.91	21	3
1.4	256QAM	1	0	17.92	18.08	17.98		
1.4	256QAM	1	3	17.90	18.02	17.85		
1.4	256QAM	1	5	17.81	17.92	17.86	19	5
1.4	256QAM	3	0	17.87	18.04	17.87		
1.4	256QAM	3	1	17.81	17.93	17.87		
1.4	256QAM	3	3	17.74	17.88	17.79		
1.4	256QAM	6	0	17.83	17.95	17.78	19	5

Band 7 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.36	23.41	23.24		
20	QPSK	1	49	23.30	23.35	23.21	24	0
20	QPSK	1	99	23.15	23.29	23.19		
20	QPSK	50	0	22.39	22.52	22.48		
20	QPSK	50	24	22.33	22.47	22.43	23	1
20	QPSK	50	50	22.26	22.40	22.33		
20	QPSK	100	0	22.37	22.47	22.33		
20	16QAM	1	0	22.60	22.74	22.68		
20	16QAM	1	49	22.64	22.69	22.57	23	1
20	16QAM	1	99	22.59	22.62	22.48		
20	16QAM	50	0	21.35	21.41	21.30		
20	16QAM	50	24	21.30	21.36	21.28	22	2
20	16QAM	50	50	21.16	21.29	21.17		
20	16QAM	100	0	21.51	21.54	21.41		
20	64QAM	1

Band 25 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.60	22.76	22.72	24	0
20	QPSK	1	49	22.49	22.60	22.54		
20	QPSK	1	99	22.36	22.55	22.55		
20	QPSK	50	0	22.24	22.33	22.27	23	1
20	QPSK	50	24	22.14	22.28	22.15		
20	QPSK	50	50	22.16	22.21	22.11		
20	QPSK	100	0	22.14	22.26	22.23		
20	16QAM	1	0	22.00	22.05	22.01	23	1
20	16QAM	1	49	21.93	22.00	21.85		
20	16QAM	1	99	21.82	21.93	21.90		
20	16QAM	50	0	21.14	21.22	21.17	22	2
20	16QAM	50	24	21.09	21.17	21.13		
20	16QAM	50	50	21.02	21.10	21.02		
20	16QAM	100	0	21.04	21.15	21.03		
20	64QAM	1	0	20.99	21.05	20.94	22	2
20	64QAM	1	49	20.91	21.00	20.85		
20	64QAM	1	99	20.88	20.93	20.78		
20	64QAM	50	0	20.18	20.32	20.21	21	3
20	64QAM	50	24	20.19	20.27	20.20		
20	64QAM	50	50	20.12	20.20	20.16		
20	64QAM	100	0	20.05	20.17	20.07		
20	256QAM	1	0	18.44	18.52	18.38	19	5
20	256QAM	1	49	18.33	18.47	18.39		
20	256QAM	1	99	18.30	18.40	18.32		
20	256QAM	50	0	18.09	18.24	18.11	19	5
20	256QAM	50	24	18.06	18.19	18.14		
20	256QAM	50	50	18.08	18.12	18.01		
20	256QAM	100	0	18.10	18.21	18.16		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.50	22.69	22.65	24	0
15	QPSK	1	37	22.45	22.55	22.47		
15	QPSK	1	74	22.27	22.48	22.42		
15	QPSK	36	0	22.12	22.29	22.17	23	1
15	QPSK	36	20	22.07	22.14	22.08		
15	QPSK	36	39	22.02	22.17	22.02		
15	QPSK	75	0	22.09	22.24	22.10		
15	16QAM	1	0	21.96	21.94	21.94	23	1
15	16QAM	1	37	21.78	21.89	21.74		
15	16QAM	1	74	21.69	21.86	21.85		
15	16QAM	36	0	20.99	21.15	21.04	22	2
15	16QAM	36	20	20.99	21.08	21.09		
15	16QAM	36	39	20.95	21.06	20.89		
15	16QAM	75	0	20.90	21.07	20.92		
15	64QAM	1	0	20.89	21.00	20.84	22	2
15	64QAM	1	37	20.77	20.94	20.82		
15	64QAM	1	74	20.76	20.79	20.67		
15	64QAM	36	0	20.06	20.26	20.17	21	3
15	64QAM	36	20	20.06	20.17	20.08		
15	64QAM	36	39	19.99	20.12	20.01		
15	64QAM	75	0	19.91	20.08	19.96		
15	256QAM	1	0	18.30	18.42	18.29	19	5
15	256QAM	1	37	18.29	18.37	18.27		
15	256QAM	1	74	18.23	18.28	18.18		
15	256QAM	36	0	17.95	18.19	17.96	19	5
15	256QAM	36	20	17.97	18.14	18.11		
15	256QAM	36	39	18.00	17.98	17.96		
15	256QAM	75	0	17.97	18.09	18.09		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.50	22.63	22.58	24	0
10	QPSK	1	25	22.35	22.52	22.44		
10	QPSK	1	49	22.26	22.47	22.47		
10	QPSK	25	0	22.20	22.25	22.20	23	1
10	QPSK	25	12	22.02	22.19	22.02		
10	QPSK	25	25	22.09	22.09	22.06		
10	QPSK	50	0	22.01	22.13	22.09		
10	16QAM	1	0	21.85	21.91	21.87	23	1
10	16QAM	1	25	21.81	21.88	21.74		
10	16QAM	1	49	21.77	21.88	21.83		
10	16QAM	25	0	21.08	21.19	21.03	22	2
10	16QAM	25	12	21.02	21.10	21.08		
10	16QAM	25	25	20.96	21.06	20.96		
10	16QAM	50	0	20.96	21.10	20.97		
10	64QAM	1	0	20.89	20.91	20.84	22	2
10	64QAM	1	25	20.81	20.87	20.77		
10	64QAM	1	49	20.84	20.82	20.74		
10	64QAM	25	0	20.07	20.26	20.17	21	3
10	64QAM	25	12	20.08	20.19	20.16		
10	64QAM	25	25	19.98	20.17	20.12		
10	64QAM	50	0	19.93	20.04	20.01		
10	256QAM	1	0	18.32	18.43	18.32	19	5
10	256QAM	1	25	18.22	18.44	18.31		
10	256QAM	1	49	18.26	18.36	18.18		
10	256QAM	25	0	18.05	18.18	17.99	19	5
10	256QAM	25	12	17.98	18.05	18.00		
10	256QAM	25	25	18.02	18.02	17.89		
10	256QAM	50	0	18.04	18.08	18.03		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.50	22.67	22.65	24	0
5	QPSK	1	12	22.42	22.57	22.40		
5	QPSK	1	24	22.25	22.46	22.41		
5	QPSK	12	0	22.17	22.21	22.23	23	1
5	QPSK	12	7	22.10	22.24	22.08		
5	QPSK	12	13	22.04	22.15	22.03		
5	QPSK	25	0	21.99	22.19	22.11		
5	16QAM	1	0	21.86	21.99	21.89	23	1
5	16QAM	1	12	21.78	21.93	21.79		
5	16QAM	1	24	21.72	21.87	21.82		
5	16QAM	12	0	21.01	21.15	21.12	22	2
5	16QAM	12	7	21.05	21.06	21.00		
5	16QAM	12	13	20.89	21.07	20.96		
5	16QAM	25	0	20.94	21.07	20.95		
5	64QAM	1	0	20.88	20.92	20.90	22	2
5	64QAM	1	12	20.83	20.86	20.75		
5	64QAM	1	24	20.78	20.85	20.68		
5	64QAM	12	0	20.14	20.17	20.17	21	3
5	64QAM	12	7	20.09	20.19	20.09		
5	64QAM	12	13	20.00	20.15	20.13		
5	64QAM	25	0	19.96	20.08	20.02		
5	256QAM	1	0	18.31	18.39	18.25	19	5
5	256QAM	1	12	18.21	18.35	18.25		
5	256QAM	1	24	18.25	18.26	18.23		
5	256QAM	12	0	18.03	18.13	18.03	19	5
5	256QAM	12	7	18.03	18.07	18.04		
5	256QAM	12	13	18.04	18.01	17.89		
5	256QAM	25	0	17.96	18.14	18.01		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.47	22.65	22.69	24	0
3	QPSK	1	8	22.45	22.55	22.44		
3	QPSK	1	14	22.28	22.45	22.42		
3	QPSK	8	0	22.15	22.30	22.21	23	1
3	QPSK	8	4	22.03	22.16	22.00		
3	QPSK	8	7	22.07	22.11	22.03		
3	QPSK	15	0	22.05	22.20	22.11		
3	16QAM	1	0	21.90	21.97	21.92	23	1
3	16QAM	1	8	21.79	21.92	21.72		
3	16QAM	1	14	21.78	21.90	21.79		
3	16QAM	8	0	20.99	21.14	21.07	22	2
3	16QAM	8	4	21.03	21.12	21.05		
3	16QAM	8	7	20.91	21.01	20.87		
3	16QAM	15	0	20.95	21.12	20.96		
3	64QAM	1	0	20.90	20.94	20.87	22	2
3	64QAM	1	8	20.82	20.87	20.81		
3	64QAM	1	14	20.80	20.79	20.67		
3	64QAM	8	0	20.10	20.17	20.15	21	3
3	64QAM	8	4	20.06	20.15	20.08		
3	64QAM	8	7	19.98	20.05	20.07		
3	64QAM	15	0	19.94	20.04	19.98		
3	256QAM	1	0	18.30	18.40	18.31	19	5
3	256QAM	1	8	18.26	18.42	18.36		
3	256QAM	1	14	18.22	18.37	18.18		
3	256QAM	8	0	17.96	18.19	18.01	19	5
3	256QAM	8	4	17.97	18.15	18.01		
3	256QAM	8	7	18.05	18.04	17.88		
3	256QAM	15	0	18.07	18.16	18.04		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.47	22.62	22.69	24	0
1.4	QPSK	1	3	22.41	22.56	22.47		
1.4	QPSK	1	5	22.23	22.44	22.48		
1.4	QPSK	3	0	22.40	22.63	22.41		
1.4	QPSK	3	1	22.29	22.38	22.36		
1.4	QPSK	3	3	22.35	22.43	22.38		
1.4	QPSK	6	0	22.19	22.19	22.14	23	1
1.4	16QAM	1	0	22.05	22.15	22.10	23	1
1.4	16QAM	1	3	22.12	22.18	22.07		
1.4	16QAM	1	5	22.06	22.18	22.13		
1.4	16QAM	3	0	21.90	21.92	21.89		
1.4	16QAM	3	1	21.81	21.86	21.73		
1.4	16QAM	3	3	21.75	21.90	21.80		
1.4	16QAM	6	0	21.08	21.11	21.13	22	2
1.4	64QAM	1	0	20.96	21.12	21.09	22	2
1.4	64QAM	1	3	20.91	20.98	20.95		
1.4	64QAM	1	5	20.90	21.09	20.94		
1.4	64QAM	3	0	20.91	20.99	20.87		
1.4	64QAM	3	1	20.87	20.86	20.80		
1.4	64QAM	3	3	20.73	20.81	20.68		
1.4	64QAM	6	0	20.12	20.24	20.13	21	3
1.4	256QAM	1	0	18.33	18.47	18.26	19	5
1.4	256QAM	1	3	18.21	18.34	18.36		
1.4	256QAM	1	5	18.16	18.30	18.21		
1.4	256QAM	3	0	18.03	18.13	18.04		
1.4	256QAM	3	1	17.95	18.14	18.10		
1.4	256QAM	3	3	17.95	18.07	17.94		
1.4	256QAM	6	0	17.99	18.09	18.12	19	5

Band 66 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.72	22.89	22.83	24	0
20	QPSK	1	49	22.69	22.75	22.72		
20	QPSK	1	99	22.59	22.72	22.58		
20	QPSK	50	0	22.09	22.13	22.03	23	1
20	QPSK	50	24	21.95	22.08	21.98		
20	QPSK	50	50	21.94	22.01	21.86		
20	QPSK	100	0	22.03	22.11	22.03		
20	16QAM	1	0	22.25	22.33	22.18	23	1
20	16QAM	1	49	22.23	22.28	22.22		
20	16QAM	1	99	22.09	22.21	22.14		
20	16QAM	50	0	21.03	21.18	21.07	22	2
20	16QAM	50	24	21.00	21.13	20.99		
20	16QAM	50	50	21.00	21.06	20.94		
20	16QAM	100	0	21.08	21.15	21.02		
20	64QAM	1	0	21.08	21.13	20.98	22	2
20	64QAM	1	49	20.97	21.08	20.96		
20	64QAM	1	99	20.91	21.01	20.93		
20	64QAM	50	0	20.01	20.11	20.04	21	3
20	64QAM	50	24	19.94	20.06	20.00		
20	64QAM	50	50	19.90	19.99	19.96		
20	64QAM	100	0	19.94	20.09	20.03		
20	256QAM	1	0	18.01	18.13	18.04	19	5
20	256QAM	1	49	17.99	18.08	18.02		
20	256QAM	1	99	17.90	18.01	17.95		
20	256QAM	50	0	17.93	18.07	17.99	19	5
20	256QAM	50	24	17.98	18.02	17.90		
20	256QAM	50	50	17.90	17.95	17.91		
20	256QAM	100	0	18.02	18.05	17.96		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.65	22.84	22.71	24	0
15	QPSK	1	37	22.56	22.68	22.60		
15	QPSK	1	74	22.46	22.68	22.48		
15	QPSK	36	0	21.94	22.05	21.97	23	1
15	QPSK	36	20	21.91	21.96	21.91		
15	QPSK	36	39	21.90	21.95	21.72		
15	QPSK	75	0	21.90	22.00	22.00		
15	16QAM	1	0	22.16	22.20	22.12	23	1
15	16QAM	1	37	22.14	22.18	22.15		
15	16QAM	1	74	21.99	22.08	22.09		
15	16QAM	36	0	20.90	21.12	20.94	22	2
15	16QAM	36	20	20.88	21.07	20.94		
15	16QAM	36	39	20.86	20.91	20.87		
15	16QAM	75	0	21.02	21.06	20.90		
15	64QAM	1	0	20.98	21.04	20.85	22	2
15	64QAM	1	37	20.89	21.02	20.84		
15	64QAM	1	74	20.86	20.87	20.87		
15	64QAM	36	0	19.90	20.07	19.99	21	3
15	64QAM	36	20	19.86	20.01	19.89		
15	64QAM	36	39	19.80	19.95	19.83		
15	64QAM	75	0	19.83	19.99	19.95		
15	256QAM	1	0	17.90	18.02	17.94	19	5
15	256QAM	1	37	17.85	17.93	17.88		
15	256QAM	1	74	17.83	17.88	17.86		
15	256QAM	36	0	17.79	17.95	17.86	19	5
15	256QAM	36	20	17.92	17.92	17.79		
15	256QAM	36	39	17.77	17.85	17.77		
15	256QAM	75	0	17.88	17.94	17.90		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.63	22.79	22.74	24	0
10	QPSK	1	25	22.56	22.68	22.58		
10	QPSK	1	49	22.55	22.63	22.43		
10	QPSK	25	0	22.02	22.07	21.90	23	1
10	QPSK	25	12	21.86	22.00	21.94		
10	QPSK	25	25	21.83	21.89	21.80		
10	QPSK	50	0	21.90	22.06	21.97		
10	16QAM	1	0	22.12	22.23	22.11	23	1
10	16QAM	1	25	22.11	22.23	22.08		
10	16QAM	1	49	21.97	22.14	21.99		
10	16QAM	25	0	20.93	21.09	20.94	22	2
10	16QAM	25	12	20.88	21.04	20.92		
10	16QAM	25	25	20.87	20.92	20.83		
10	16QAM	50	0	20.93	21.01	20.95		
10	64QAM	1	0	20.98	21.02	20.87	22	2
10	64QAM	1	25	20.83	20.97	20.83		
10	64QAM	1	49	20.81	20.90	20.83		
10	64QAM	25	0	19.91	19.98	19.98	21	3
10	64QAM	25	12	19.86	19.96	19.89		
10	64QAM	25	25	19.87	19.88	19.83		
10	64QAM	50	0	19.82	20.04	19.95		
10	256QAM	1	0	17.88	18.00	17.91	19	5
10	256QAM	1	25	17.92	17.95	17.95		
10	256QAM	1	49	17.83	17.95	17.86		
10	256QAM	25	0	17.85	18.01	17.84	19	5
10	256QAM	25	12	17.84	17.90	17.79		
10	256QAM	25	25	17.84	17.91	17.85		
10	256QAM	50	0	17.88	17.92	17.85		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.67	22.81	22.76	24	0
5	QPSK	1	12	22.57	22.64	22.62		
5	QPSK	1	24	22.52	22.69	22.44		
5	QPSK	12	0	21.98	22.10	21.92	23	1
5	QPSK	12	7	21.87	21.97	21.85		
5	QPSK	12	13	21.89	21.95	21.77		
5	QPSK	25	0	21.93	21.98	21.89		
5	16QAM	1	0	22.11	22.29	22.15	23	1
5	16QAM	1	12	22.13	22.16	22.08		
5	16QAM	1	24	21.95	22.09	22.01		
5	16QAM	12	0	20.94	21.07	20.93	22	2
5	16QAM	12	7	20.97	21.07	20.84		
5	16QAM	12	13	20.93	21.00	20.84		
5	16QAM	25	0	20.93	21.01	20.90		
5	64QAM	1	0	20.94	21.00	20.88	22	2
5	64QAM	1	12	20.89	21.01	20.84		
5	64QAM	1	24	20.80	20.98	20.78		
5	64QAM	12	0	19.90	20.05	19.92	21	3
5	64QAM	12	7	19.79	19.98	19.87		
5	64QAM	12	13	19.77	19.85	19.89		
5	64QAM	25	0	19.84	20.01	19.98		
5	256QAM	1	0	17.89	18.07	17.97	19	5
5	256QAM	1	12	17.87	17.98	17.89		
5	256QAM	1	24	17.86	17.94	17.90		
5	256QAM	12	0	17.89	17.92	17.91	19	5
5	256QAM	12	7	17.87	17.95	17.83		
5	256QAM	12	13	17.86	17.86	17.78		
5	256QAM	25	0	17.96	17.99	17.86		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.62	22.85	22.70	24	0
3	QPSK	1	8	22.65	22.66	22.58		
3	QPSK	1	14	22.53	22.59	22.54		
3	QPSK	8	0	21.97	22.08	21.92	23	1
3	QPSK	8	4	21.81	21.98	21.93		
3	QPSK	8	7	21.83	21.90	21.75		
3	QPSK	15	0	21.92	22.07	21.93		
3	16QAM	1	0	22.18	22.29	22.12	23	1
3	16QAM	1	8	22.11	22.16	22.10		
3	16QAM	1	14	22.01	22.15	22.07		
3	16QAM	8	0	20.98	21.05	20.94	22	2
3	16QAM	8	4	20.92	21.03	20.84		
3	16QAM	8	7	20.96	20.98	20.82		
3	16QAM	15	0	20.96	21.02	20.93		
3	64QAM	1	0	21.02	21.05	20.94	22	2
3	64QAM	1	8	20.83	21.02	20.87		
3	64QAM	1	14	20.85	20.92	20.89		
3	64QAM	8	0	19.90	20.00	19.92	21	3
3	64QAM	8	4	19.85	19.95	19.86		
3	64QAM	8	7	19.82	19.92	19.90		
3	64QAM	15	0	19.82	20.04	19.95		
3	256QAM	1	0	17.95	18.02	17.98	19	5
3	256QAM	1	8	17.93	17.96	17.97		
3	256QAM	1	14	17.86	17.92	17.90		
3	256QAM	8	0	17.83	17.97	17.85	19	5
3	256QAM	8	4	17.84	17.88	17.77		
3	256QAM	8	7	17.76	17.81	17.85		
3	256QAM	15	0	17.88	17.92	17.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.67	22.74	22.79	24	0
1.4	QPSK	1	3	22.66	22.69	22.59		
1.4	QPSK	1	5	22.47	22.59	22.52		
1.4	QPSK	3	0	22.57	22.79	22.69		
1.4	QPSK	3	1	22.52	22.64	22.66		
1.4	QPSK	3	3	22.48	22.57	22.57		
1.4	QPSK	6	0	22.01	21.99	22.00	23	1
1.4	16QAM	1	0	21.85	21.94	21.92	23	1
1.4	16QAM	1	3	21.90	21.94	21.74		
1.4	16QAM	1	5	21.93	22.01	21.92		
1.4	16QAM	3	0	22.18	22.26	22.11		
1.4	16QAM	3	1	22.10	22.21	22.18		
1.4	16QAM	3	3	22.01	22.15	22.05		
1.4	16QAM	6	0	20.89	21.08	20.99	22	2
1.4	64QAM	1	0	20.87	21.06	20.90	22	2
1.4	64QAM	1	3	20.87	20.96	20.82		
1.4	64QAM	1	5	20.95	21.12	20.88		
1.4	64QAM	3	0	20.94	21.01	20.84		
1.4	64QAM	3	1	20.88	20.94	20.88		
1.4	64QAM	3	3	20.87	20.88	20.81		
1.4	64QAM	6	0	19.97	19.96	19.92	21	3
1.4	256QAM	1	0	17.95	18.07	17.97	19	5
1.4	256QAM	1	3	17.90	18.00	17.90		
1.4	256QAM	1	5	17.82	17.97	17.88		
1.4	256QAM	3	0	17.88	17.97	17.88		
1.4	256QAM	3	1	17.89	17.94	17.77		
1.4	256QAM	3	3	17.77	17.88	17.85		
1.4	256QAM	6	0	17.93	17.99	17.89	19	5

Band 38 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.49	23.57	23.53	24	0
20	QPSK	1	49	23.37	23.45	23.30		
20	QPSK	1	99	23.28	23.33	23.35		
20	QPSK	50	0	22.29	22.34	22.20	23	1
20	QPSK	50	24	22.20	22.29	22.16		
20	QPSK	50	50	22.16	22.22	22.19		
20	QPSK	100	0	22.24	22.28	22.22		
20	16QAM	1	0	22.34	22.48	22.33	23	1
20	16QAM	1	49	22.33	22.43	22.30		
20	16QAM	1	99	22.25	22.36	22.30		
20	16QAM	50	0	21.28	21.39	21.34	22	2
20	16QAM	50	24	21.23	21.34	21.20		
20	16QAM	50	50	21.21	21.27	21.23		
20	16QAM	100	0	22.21	21.34	21.24		
20	64QAM	1	0	21.26	21.33	21.26	22	2
20	64QAM	1	49	21.25	21.28	21.23		
20	64QAM	1	99	21.12	21.21	21.12		
20	64QAM	50	0	20.25	20.35	20.24	21	3
20	64QAM	50	24	20.21	20.30	20.27		
20	64QAM	50	50	20.11	20.23	20.10		
20	64QAM	100	0	20.25	20.38	20.31		
20	256QAM	1	0	18.33	18.41	18.30	19	5
20	256QAM	1	49	18.21	18.36	18.25		
20	256QAM	1	99	18.25	18.29	18.21		
20	256QAM	50	0	18.19	18.32	18.19	19	5
20	256QAM	50	24	18.18	18.27	18.18		
20	256QAM	50	50	18.11	18.20	18.05		
20	256QAM	100	0	18.23	18.26	18.16		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	23.38	23.51	23.39	24	0
15	QPSK	1	37	23.24	23.38	23.25		
15	QPSK	1	74	23.14	23.18	23.32		
15	QPSK	36	0	22.22	22.30	22.13	23	1
15	QPSK	36	20	22.08	22.21	22.05		
15	QPSK	36	39	22.11	22.11	22.09		
15	QPSK	75	0	22.15	22.23	22.16		
15	16QAM	1	0	22.30	22.34	22.22	23	1
15	16QAM	1	37	22.26	22.36	22.26		
15	16QAM	1	74	22.17	22.30	22.23		
15	16QAM	36	0	21.15	21.35	21.30	22	2
15	16QAM	36	20	21.18	21.25	21.06		
15	16QAM	36	39	21.06	21.17	21.19		
15	16QAM	75	0	21.10	21.26	21.18		
15	64QAM	1	0	21.15	21.27	21.22	22	2
15	64QAM	1	37	21.12	21.20	21.16		
15	64QAM	1	74	21.01	21.11	21.02		
15	64QAM	36	0	20.11	20.25	20.14	21	3
15	64QAM	36	20	20.16	20.24	20.22		
15	64QAM	36	39	19.99	20.18	20.00		
15	64QAM	75	0	20.16	20.35	20.20		
15	256QAM	1	0	18.22	18.37	18.18	19	5
15	256QAM	1	37	18.14	18.23	18.14		
15	256QAM	1	74	18.15	18.24	18.08		
15	256QAM	36	0	18.08	18.24	18.08	19	5
15	256QAM	36	20	18.12	18.14	18.14		
15	256QAM	36	39	18.07	18.14	17.93		
15	256QAM	75	0	18.15	18.21	18.06		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	23.40	23.49	23.41	24	0
10	QPSK	1	25	23.28	23.33	23.20		
10	QPSK	1	49	23.13	23.21	23.27		
10	QPSK	25	0	22.18	22.20	22.16	23	1
10	QPSK	25	12	22.16	22.18	22.11		
10	QPSK	25	25	22.03	22.18	22.12		
10	QPSK	50	0	22.20	22.22	22.18		
10	16QAM	1	0	22.31	22.37	22.19	23	1
10	16QAM	1	25	22.27	22.29	22.15		
10	16QAM	1	49	22.13	22.30	22.21		
10	16QAM	25	0	21.20	21.27	21.22	22	2
10	16QAM	25	12	21.12	21.21	21.11		
10	16QAM	25	25	21.10	21.20	21.18		
10	16QAM	50	0	21.18	21.22	21.10		
10	64QAM	1	0	21.18	21.22	21.13	22	2
10	64QAM	1	25	21.17	21.14	21.18		
10	64QAM	1	49	21.01	21.09	21.07		
10	64QAM	25	0	20.17	20.24	20.12	21	3
10	64QAM	25	12	20.13	20.18	20.14		
10	64QAM	25	25	20.04	20.18	20.00		
10	64QAM	50	0	20.22	20.33	20.17		
10	256QAM	1	0	18.27	18.35	18.19	19	5
10	256QAM	1	25	18.11	18.22	18.22		
10	256QAM	1	49	18.18	18.25	18.07		
10	256QAM	25	0	18.04	18.20	18.16	19	5
10	256QAM	25	12	18.07	18.21	18.09		
10	256QAM	25	25	18.05	18.16	17.96		
10	256QAM	50	0	18.18	18.15	18.08		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	23.36	23.48	23.47	24	0
5	QPSK	1	12	23.23	23.35	23.31		
5	QPSK	1	24	23.22	23.24	23.29		
5	QPSK	12	0	22.21	22.24	22.10	23	1
5	QPSK	12	7	22.06	22.16	22.11		
5	QPSK	12	13	22.13	22.08	22.08		
5	QPSK	25	0	22.17	22.19	22.06		
5	16QAM	1	0	22.21	22.43	22.28	23	1
5	16QAM	1	12	22.26	22.37	22.20		
5	16QAM	1	24	22.21	22.27	22.19		
5	16QAM	12	0	21.24	21.28	21.28	22	2
5	16QAM	12	7	21.11	21.21	21.14		
5	16QAM	12	13	21.12	21.16	21.11		
5	16QAM	25	0	21.09	21.21	21.17		
5	64QAM	1	0	21.13	21.21	21.19	22	2
5	64QAM	1	12	21.17	21.24	21.18		
5	64QAM	1	24	21.03	21.14	21.02		
5	64QAM	12	0	20.13	20.22	20.21	21	3
5	64QAM	12	7	20.07	20.23	20.16		
5	64QAM	12	13	19.97	20.16	20.03		
5	64QAM	25	0	20.12	20.33	20.19		
5	256QAM	1	0	18.18	18.35	18.25	19	5
5	256QAM	1	12	18.14	18.31	18.17		
5	256QAM	1	24	18.13	18.18	18.10		
5	256QAM	12	0	18.09	18.26	18.12	19	5
5	256QAM	12	7	18.09	18.21	18.14		
5	256QAM	12	13	18.07	18.15	17.99		
5	256QAM	25	0	18.14	18.17	18.05		

Band 41 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.65	23.73	23.85	23.67	23.58	24	0
20	QPSK	1	49	23.60	23.69	23.80	23.63	23.54		
20	QPSK	1	99	23.56	23.58	23.73	23.59	23.51		
20	QPSK	50	0	22.66	22.72	22.80	22.69	22.55	23	1
20	QPSK	50	24	22.60	22.68	22.78	22.63	22.56		
20	QPSK	50	50	22.60	22.61	22.68	22.60	22.44		
20	QPSK	100	0	22.58	22.62	22.75	22.67	22.56		
20	16QAM	1	0	22.65	22.68	22.81	22.66	22.66	23	1
20	16QAM	1	49	22.63	22.71	22.76	22.65	22.51		
20	16QAM	1	99	22.59	22.54	22.69	22.50	22.46		
20	16QAM	50	0	21.71	21.75	21.82	21.62	21.66	22	2
20	16QAM	50	24	21.58	21.68	21.77	21.62	21.59		
20	16QAM	50	50	21.60	21.62	21.70	21.54	21.51		
20	16QAM	100	0	21.58	21.59	21.73	21.63	21.52		
20	64QAM	1	0	21.97	21.88	21.93	21.94	21.88	22	2
20	64QAM	1	49	21.85	21.93	21.85	21.95	21.79		
20	64QAM	1	99	21.83	21.87	21.96	21.86	21.76		
20	64QAM	50	0	20.73	20.76	20.82	20.69	20.57	21	3
20	64QAM	50	24	20.66	20.63	20.77	20.62	20.57		
20	64QAM	50	50	20.56	20.62	20.70	20.55	20.47		
20	64QAM	100	0	20.61	20.66	20.74	20.64	20.53		
20	256QAM	1	0	18.74	18.86	18.91	18.76	18.73	19	5
20	256QAM	1	49	18.75	18.74	18.86	18.77	18.68		
20	256QAM	1	99	18.86	18.67	18.79	18.59	18.59		
20	256QAM	50	0	18.64	18.71	18.81	18.64	18.57	19	5
20	256QAM	50	24	18.57	18.72	18.76	18.58	18.54		
20	256QAM	50	50	18.51	18.64	18.69	18.57	18.50		
20	256QAM	100	0	18.64	18.69	18.77	18.61	18.62		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	23.57	23.67	23.81	23.62	23.45	24.00	0
15	QPSK	1	37	23.48	23.55	23.75	23.57	23.39		
15	QPSK	1	74	23.42	23.48	23.63	23.50	23.39		
15	QPSK	36	0	22.58	22.64	22.74	22.59	22.50	23	1
15	QPSK	36	20	22.54	22.63	22.69	22.56	22.45		
15	QPSK	36	39	22.54	22.56	22.64	22.51	22.33		
15	QPSK	75	0	22.49	22.57	22.67	22.62	22.47		
15	16QAM	1	0	22.54	22.58	22.71	22.52	22.54	23	1
15	16QAM	1	37	22.52	22.62	22.62	22.56	22.47		
15	16QAM	1	74	22.51	22.45	22.58	22.41	22.41		
15	16QAM	36	0	21.64	21.68	21.69	21.48	21.59	22	2
15	16QAM	36	20	21.43	21.61	21.66	21.53	21.52		
15	16QAM	36	39	21.46	21.48	21.55	21.45	21.47		
15	16QAM	75	0	21.51	21.55	21.67	21.57	21.48		
15	64QAM	1	0	21.88	21.89	21.97	21.81	21.81	22	2
15	64QAM	1	37	21.72	21.84	21.94	21.87	21.68		
15	64QAM	1	74	21.73	21.73	21.86	21.76	21.69		
15	64QAM	36	0	20.66	20.69	20.74	20.55	20.46	21	3
15	64QAM	36	20	20.59	20.60	20.63	20.58	20.47		
15	64QAM	36	39	20.48	20.48	20.63	20.42	20.38		
15	64QAM	75	0	20.53	20.51	20.59	20.61	20.42		
15	256QAM	1	0	18.63	18.77	18.76	18.62	18.63	19	5
15	256QAM	1	37	18.72	18.69	18.81	18.65	18.61		
15	256QAM	1	74	18.60	18.64	18.69	18.52	18.56		
15	256QAM	36	0	18.52	18.59	18.68	18.56	18.47	19	5
15	256QAM	36	20	18.46	18.64	18.64	18.53	18.43		
15	256QAM	36	39	18.39	18.51	18.54	18.54	18.46		
15	256QAM	75	0	18.52	18.56	18.64	18.57	18.50		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.59	23.69	23.76	23.58	23.47	24.00	0
10	QPSK	1	25	23.55	23.57	23.71	23.55	23.50		
10	QPSK	1	49	23.44	23.53	23.62	23.51	23.45		
10	QPSK	25	0	22.51	22.58	22.75	22.61	22.47	23	1
10	QPSK	25	12	22.57	22.65	22.72	22.50	22.42		
10	QPSK	25	25	22.51	22.52	22.58	22.53	22.35		
10	QPSK	50	0	22.55	22.54	22.67	22.53	22.50		
10	16QAM	1	0	22.60	22.57	22.68	22.57	22.60	23	1
10	16QAM	1	25	22.58	22.65	22.71	22.55	22.37		
10	16QAM	1	49	22.46	22.41	22.59	22.46	22.40		
10	16QAM	25	0	21.60	21.63	21.77	21.54	21.54	22	2
10	16QAM	25	12	21.45	21.54	21.64	21.56	21.47		
10	16QAM	25	25	21.51	21.54	21.58	21.41	21.41		
10	16QAM	50	0	21.50	21.48	21.63	21.48	21.46		
10	64QAM	1	0	21.88	21.90	21.76	21.89	21.81	22	2
10	64QAM	1	25	21.74	21.88	21.88	21.83	21.67		
10	64QAM	1	49	21.70	21.72	21.89	21.75	21.72		
10	64QAM	25	0	20.68	20.66	20.72	20.64	20.46	21	3
10	64QAM	25	12	20.55	20.56	20.68	20.58	20.48		
10	64QAM	25	25	20.44	20.50	20.64	20.47	20.35		
10	64QAM	50	0	20.51	20.59	20.67	20.56	20.39		
10	256QAM	1	0	18.59	18.74	18.79	18.72	18.69	19	5
10	256QAM	1	25	18.68	18.67	18.82	18.64	18.60		
10	256QAM	1	49	18.53	18.60	18.72	18.52	18.46		
10	256QAM	25	0	18.55	18.60	18.68	18.61	18.46	19	5
10	256QAM	25	12	18.45	18.68	18.67	18.53	18.50		
10	256QAM	25	25	18.48	18.59	18.68	18.53	18.40		
10	256QAM	50	0	18.58	18.61	18.72	18.55	18.47		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2548.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	23.62	23.60	23.72	23.58	23.47	24.00	0
5	QPSK	1	12	23.48	23.65	23.70	23.60	23.45		
5	QPSK	1	24	23.47	23.50	23.60	23.50	23.40		
5	QPSK	12	0	22.59	22.58	22.73	22.61	22.51	23	1
5	QPSK	12	7	22.58	22.64	22.63	22.52	22.42		
5	QPSK	12	13	22.45	22.57	22.54	22.48	22.32		
5	QPSK	25	0	22.45	22.49	22.69	22.59	22.46		
5	16QAM	1	0	22.60	22.55	22.76	22.53	22.52	23	1
5	16QAM	1	12	22.60	22.67	22.67	22.61	22.42		
5	16QAM	1	24	22.51	22.50	22.59	22.46	22.40		
5	16QAM	12	0	21.62	21.67	21.72	21.48	21.58	22	2
5	16QAM	12	7	21.49	21.64	21.73	21.48	21.53		
5	16QAM	12	13	21.55	21.47	21.61	21.46	21.47		
5	16QAM	25	0	21.51	21.53	21.58	21.56	21.48		
5	64QAM	1	0	21.88	21.93	21.97	21.86	21.77	22	2
5	64QAM	1	12	21.74	21.82	21.91	21.90	21.72		
5	64QAM	1	24	21.68	21.81	21.90	21.80	21.68		
5	64QAM	12	0	20.63	20.72	20.75	20.62	20.46	21	3
5	64QAM	12	7	20.53	20.55	20.62	20.52	20.45		
5	64QAM	12	13	20.51	20.56	20.59	20.51	20.39		
5	64QAM	25	0	20.57	20.60	20.61	20.57	20.48		
5	256QAM	1	0	18.70	18.78	18.81	18.73	18.63	19	5
5	256QAM	1	12	18.69	18.71	18.81	18.73	18.61		
5	256QAM	1	24	18.62	18.54	18.68	18.46	18.46		
5	256QAM	12	0	18.60	18.65	18.68	18.52	18.54	19	5
5	256QAM	12	7	18.43	18.62	18.83	18.51	18.43		
5	256QAM	12	13	18.45	18.52	18.63	18.48	18.44		
5	256QAM	25	0	18.57	18.66	18.64	18.56	18.52		

Band 41 HPUE Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.70	26.77	26.83	26.61	26.59	27	0
20	QPSK	1	49	26.60	26.73	26.82	26.63	26.60		
20	QPSK	1	99	26.57	26.59	26.74	26.62	26.55		
20	QPSK	50	0	25.64	25.69	25.84	25.74	25.50	26	1
20	QPSK	50	24	25.62	25.68	25.81	25.57	25.61		
20	QPSK	50	50	25.55	25.57	25.74	25.64	25.41		
20	QPSK	100	0	25.60	25.57	25.73	25.68	25.58		
20	16QAM	1	0	25.62	25.71	25.86	25.71	25.67	26	1
20	16QAM	1	49	25.69	25.70	25.79	25.70	25.52		
20	16QAM	1	99	25.59	25.53	25.66	25.51	25.44		
20	16QAM	50	0	24.77	24.78	24.87	24.57	24.67	25	2
20	16QAM	50	24	24.55	24.62	24.77	24.61	24.58		
20	16QAM	50	50	24.65	24.57	24.71	24.50	24.47		
20	16QAM	100	0	24.62	24.56	24.75	24.66	24.57		
20	64QAM	1	0	24.91	24.83	24.99	24.97	24.92	25	2
20	64QAM	1	49	24.85	24.96	24.89	24.95	24.74		
20	64QAM	1	99	24.80	24.93	24.93	24.90	24.73		
20	64QAM	50	0	23.69	23.71	23.83	23.68	23.52	24	3
20	64QAM	50	24	23.62	23.63	23.73	23.60	23.61		
20	64QAM	50	50	23.55	23.66	23.75	23.57	23.42		
20	64QAM	100	0	23.56	23.70	23.72	23.68	23.57		
20	256QAM	1	0	21.79	21.89	21.93	21.79	21.70	22	5
20	256QAM	1	49	21.70	21.74	21.91	21.78	21.70		
20	256QAM	1	99	21.66	21.71	21.81	21.59	21.63		
20	256QAM	50	0	21.60	21.68	21.75	21.68	21.59	22	5
20	256QAM	50	24	21.63	21.71	21.82	21.60	21.55		
20	256QAM	50	50	21.54	21.70	21.71	21.52	21.50		
20	256QAM	100	0	21.62	21.65	21.75	21.60	21.60		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	26.59	26.72	26.71	26.46	26.53	27	0
15	QPSK	1	37	26.47	26.58	26.72	26.53	26.48		
15	QPSK	1	74	26.51	26.45	26.67	26.54	26.48		
15	QPSK	36	0	25.61	25.65	25.75	25.66	25.43	26	1
15	QPSK	36	20	25.56	25.57	25.73	25.53	25.55		
15	QPSK	36	39	25.42	25.47	25.67	25.54	25.37		
15	QPSK	75	0	25.47	25.46	25.64	25.64	25.43		
15	16QAM	1	0	25.54	25.67	25.82	25.60	25.63	26	1
15	16QAM	1	37	25.63	25.57	25.73	25.67	25.43		
15	16QAM	1	74	25.56	25.59	25.58	25.54	25.53		
15	16QAM	36	0	24.65	24.68	24.77	24.46	24.62	25	2
15	16QAM	36	20	24.42	24.52	24.66	24.47	24.48		
15	16QAM	36	39	24.58	24.49	24.62	24.36	24.33		
15	16QAM	75	0	24.50	24.50	24.62	24.58	24.47		
15	64QAM	1	0	24.78	24.76	24.93	24.94	24.88	25	2
15	64QAM	1	37	24.70	24.82	24.82	24.83	24.68		
15	64QAM	1	74	24.71	24.83	24.82	24.81	24.65		
15	64QAM	36	0	23.59	23.63	23.74	23.63	23.41	24	3
15	64QAM	36	20	23.49	23.58	23.66	23.51	23.51		
15	64QAM	36	39	23.52	23.57	23.65	23.53	23.28		
15	64QAM	75	0	23.44	23.61	23.67	23.59	23.44		
15	256QAM	1	0	21.67	21.85	21.85	21.68	21.56	22	5
15	256QAM	1	37	21.58	21.63	21.78	21.72	21.56		
15	256QAM	1	74	21.54	21.58	21.72	21.49	21.60		
15	256QAM	36	0	21.45	21.61	21.69	21.60	21.55	22	5
15	256QAM	36	20	21.50	21.57	21.76	21.57	21.51		
15	256QAM	36	39	21.45	21.56	21.65	21.38	21.42		
15	256QAM	75	0	21.48	21.61	21.72	21.51	21.51		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	26.55	26.72	26.71	26.50	26.48	27	0
10	QPSK	1	25	26.46	26.70	26.71	26.58	26.45		
10	QPSK	1	49	26.46	26.50	26.60	26.59	26.50		
10	QPSK	25	0	25.49	25.54	25.71	25.66	25.46	26	1
10	QPSK	25	12	25.54	25.61	25.77	25.47	25.54		
10	QPSK	25	25	25.49	25.48	25.59	25.50	25.30		
10	QPSK	50	0	25.52	25.47	25.67	25.57	25.49		
10	16QAM	1	0	25.57	25.61	25.80	25.61	25.55	26	1
10	16QAM	1	25	25.59	25.66	25.76	25.65	25.41		
10	16QAM	1	49	25.54	25.39	25.58	25.38	25.33		
10	16QAM	25	0	24.71	24.66	24.74	24.46	24.63	25	2
10	16QAM	25	12	24.51	24.50	24.66	24.53	24.46		
10	16QAM	25	25	24.62	24.45	24.67	24.47	24.41		
10	16QAM	50	0	24.53	24.47	24.60	24.56	24.43		
10	64QAM	1	0	24.78	24.77	24.87	24.94	24.87	25	2
10	64QAM	1	25	24.71	24.85	24.75	24.80	24.70		
10	64QAM	1	49	24.76	24.88	24.87	24.85	24.60		
10	64QAM	25	0	23.60	23.58	23.79

Band 42 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.24	23.32	23.26	24	0
20	QPSK	1	49	23.19	23.27	23.20		
20	QPSK	1	99	23.14	23.20	23.17		
20	QPSK	50	0	21.98	22.09	21.94	23	1
20	QPSK	50	24	21.97	22.04	22.00		
20	QPSK	50	50	21.84	21.97	21.89		
20	QPSK	100	0	21.94	22.04	21.90		
20	16QAM	1	0	22.04	22.09	22.02	23	1
20	16QAM	1	49	21.95	22.04	21.95		
20	16QAM	1	99	21.93	21.97	21.92		
20	16QAM	50	0	20.99	21.02	20.94	22	2
20	16QAM	50	24	20.87	20.97	20.92		
20	16QAM	50	50	20.83	20.90	20.86		
20	16QAM	100	0	21.01	21.09	21.01		
20	64QAM	1	0	21.08	21.12	21.08	22	2
20	64QAM	1	49	21.00	21.07	20.92		
20	64QAM	1	99	20.89	21.00	20.96		
20	64QAM	50	0	19.88	19.99	19.94	21	3
20	64QAM	50	24	19.80	19.94	19.90		
20	64QAM	50	50	19.78	19.87	19.72		
20	64QAM	100	0	19.99	20.06	19.92		
20	256QAM	1	0	18.02	18.13	17.98	19	5
20	256QAM	1	49	18.02	18.08	18.01		
20	256QAM	1	99	17.96	18.01	17.90		
20	256QAM	50	0	18.01	18.10	17.97	19	5
20	256QAM	50	24	17.95	18.05	17.92		
20	256QAM	50	50	17.91	17.98	17.94		
20	256QAM	100	0	17.90	18.03	17.93		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.18	23.27	23.12	24	0
15	QPSK	1	37	23.15	23.16	23.11		
15	QPSK	1	74	23.04	23.15	23.02		
15	QPSK	36	0	21.86	22.00	21.90	23	1
15	QPSK	36	20	21.91	21.98	21.89		
15	QPSK	36	39	21.73	21.92	21.84		
15	QPSK	75	0	21.81	21.99	21.81		
15	16QAM	1	0	21.95	21.96	21.91	23	1
15	16QAM	1	37	21.90	21.90	21.90		
15	16QAM	1	74	21.81	21.83	21.79		
15	16QAM	36	0	20.84	20.97	20.85	22	2
15	16QAM	36	20	20.79	20.92	20.79		
15	16QAM	36	39	20.76	20.86	20.76		
15	16QAM	75	0	20.94	21.02	20.94		
15	64QAM	1	0	21.04	20.99	21.03	22	2
15	64QAM	1	37	20.88	20.99	20.87		
15	64QAM	1	74	20.85	20.91	20.90		
15	64QAM	36	0	19.84	19.96	19.82	21	3
15	64QAM	36	20	19.66	19.91	19.82		
15	64QAM	36	39	19.64	19.78	19.68		
15	64QAM	75	0	19.87	19.99	19.89		
15	256QAM	1	0	17.95	18.09	17.85	19	5
15	256QAM	1	37	17.98	17.96	17.88		
15	256QAM	1	74	17.85	17.86	17.80		
15	256QAM	36	0	17.97	18.04	17.92	19	5
15	256QAM	36	20	17.91	17.94	17.78		
15	256QAM	36	39	17.77	17.90	17.89		
15	256QAM	75	0	17.83	17.91	17.87		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.20	23.21	23.14	24	0
10	QPSK	1	25	23.05	23.14	23.07		
10	QPSK	1	49	23.01	23.05	23.03		
10	QPSK	25	0	21.84	22.00	21.79	23	1
10	QPSK	25	12	21.94	21.91	21.90		
10	QPSK	25	25	21.78	21.87	21.81		
10	QPSK	50	0	21.80	21.98	21.78		
10	16QAM	1	0	21.93	21.98	21.96	23	1
10	16QAM	1	25	21.81	21.91	21.89		
10	16QAM	1	49	21.86	21.88	21.88		
10	16QAM	25	0	20.88	20.91	20.86	22	2
10	16QAM	25	12	20.76	20.87	20.84		
10	16QAM	25	25	20.78	20.82	20.75		
10	16QAM	50	0	20.93	21.00	20.97		
10	64QAM	1	0	21.03	21.09	20.97	22	2
10	64QAM	1	25	20.89	21.00	20.83		
10	64QAM	1	49	20.75	20.97	20.90		
10	64QAM	25	0	19.75	19.86	19.87	21	3
10	64QAM	25	12	19.72	19.87	19.77		
10	64QAM	25	25	19.69	19.75	19.65		
10	64QAM	50	0	19.87	19.96	19.88		
10	256QAM	1	0	17.94	18.02	17.91	19	5
10	256QAM	1	25	17.92	17.99	17.90		
10	256QAM	1	49	17.89	17.91	17.82		
10	256QAM	25	0	17.86	18.04	17.83	19	5
10	256QAM	25	12	17.84	18.01	17.81		
10	256QAM	25	25	17.82	17.86	17.85		
10	256QAM	50	0	17.78	17.92	17.80		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.13	23.18	23.14	24	0
5	QPSK	1	12	23.07	23.13	23.12		
5	QPSK	1	24	23.11	23.10	23.10		
5	QPSK	12	0	21.86	21.97	21.89	23	1
5	QPSK	12	7	21.86	21.98	21.94		
5	QPSK	12	13	21.79	21.86	21.82		
5	QPSK	25	0	21.87	21.92	21.85		
5	16QAM	1	0	21.98	21.99	21.91	23	1
5	16QAM	1	12	21.81	22.01	21.82		
5	16QAM	1	24	21.88	21.86	21.84		
5	16QAM	12	0	20.91	20.94	20.81	22	2
5	16QAM	12	7	20.77	20.88	20.81		
5	16QAM	12	13	20.69	20.77	20.74		
5	16QAM	25	0	20.87	20.94	20.91		
5	64QAM	1	0	20.97	21.09	21.03	22	2
5	64QAM	1	12	20.90	21.02	20.80		
5	64QAM	1	24	20.82	20.92	20.88		
5	64QAM	12	0	19.80	19.91	19.84	21	3
5	64QAM	12	7	19.66	19.90	19.78		
5	64QAM	12	13	19.72	19.76	19.61		
5	64QAM	25	0	19.92	19.93	19.83		
5	256QAM	1	0	17.96	18.00	17.85	19	5
5	256QAM	1	12	17.90	17.99	17.89		
5	256QAM	1	24	17.92	17.94	17.78		
5	256QAM	12	0	17.92	18.00	17.89	19	5
5	256QAM	12	7	17.81	17.97	17.88		
5	256QAM	12	13	17.81	17.86	17.83		
5	256QAM	25	0	17.80	17.89	17.86		

Band 42 Part 96 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3660	3675	3690		
20	QPSK	1	0	23.15	23.23	23.15	24	0
20	QPSK	1	49	23.17	23.19	23.06		
20	QPSK	1	99	23.11	23.16	23.00		
20	QPSK	50	0	21.95	22.00	21.90	23	1
20	QPSK	50	24	21.85	21.91	21.93		
20	QPSK	50	50	21.82	21.91	21.72		
20	QPSK	100	0	21.86	21.97	21.76		
20	16QAM	1	0	21.97	21.98	21.94	23	1
20	16QAM	1	49	21.89	21.98	21.79		
20	16QAM	1	99	21.81	21.93	21.80		
20	16QAM	50	0	20.91	20.91	20.90	22	2
20	16QAM	50	24	20.85	20.83	20.81		
20	16QAM	50	50	20.79	20.83	20.78		
20	16QAM	100	0	20.99	21.08	20.91		
20	64QAM	1	0	20.92	21.09	21.06	22	2
20	64QAM	1	49	20.97	20.95	20.76		
20	64QAM	1	99	20.80	20.91	20.81		
20	64QAM	50	0	19.74	19.86	19.79	21	3
20	64QAM	50	24	19.72	19.88	19.82		
20	64QAM	50	50	19.76	19.72	19.62		
20	64QAM	100	0	19.94	19.98	19.79		
20	256QAM	1	0	17.99	18.06	17.95	19	5
20	256QAM	1	49	17.85	17.97	17.92		
20	256QAM	1	99	17.80	17.90	17.75		
20	256QAM	50	0	17.99	18.03	17.88	19	5
20	256QAM	50	24	17.93	17.98	17.88		
20	256QAM	50	50	17.84	17.95	17.88		
20	256QAM	100	0	17.74	17.96	17.76		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3675	3692.5		
15	QPSK	1	0	23.11	23.19	23.08	24	0
15	QPSK	1	37	23.03	23.07	22.97		
15	QPSK	1	74	23.05	23.14	22.89		
15	QPSK	36	0	21.93	21.89	21.88	23	1
15	QPSK	36	20	21.73	21.88	21.83		
15	QPSK	36	39	21.66	21.83	21.62		
15	QPSK	75	0	21.76	21.88	21.73		
15	16QAM	1	0	21.91	21.87	21.93	23	1
15	16QAM	1	37	21.82	21.92	21.69		
15	16QAM	1	74	21.72	21.78	21.63		
15	16QAM	36	0	20.85	20.78	20.86	22	2
15	16QAM	36	20	20.75	20.81	20.78		
15	16QAM	36	39	20.77	20.70	20.66		
15	16QAM	75	0	20.97	21.04	20.87		
15	64QAM	1	0	20.91	21.02	20.97	22	2
15	64QAM	1	37	20.91	20.94	20.59		
15	64QAM	1	74	20.69	20.84	20.71		
15	64QAM	36	0	19.70	19.75	19.77	21	3
15	64QAM	36	20	19.70	19.80	19.68		
15	64QAM	36	39	19.63	19.63	19.58		
15	64QAM	75	0	19.81	19.84	19.71		
15	256QAM	1	0	17.84	17.96	17.89	19	5
15	256QAM	1	37	17.81	17.81	17.81		
15	256QAM	1	74	17.70	17.80	17.61		
15	256QAM	36	0	17.85	17.87	17.76	19	5
15	256QAM	36	20	17.88	17.93	17.81		
15	256QAM	36	39	17.80	17.91	17.76		
15	256QAM	75	0	17.73	17.90	17.65		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3675	3695		
10	QPSK	1	0	23.00	23.17	22.99	24	0
10	QPSK	1	25	23.09	23.14	22.94		
10	QPSK	1	49	23.01	23.09	22.90		
10	QPSK	25	0	21.84	21.94	21.81	23	1
10	QPSK	25	12	21.79	21.81	21.89		
10	QPSK	25	25	21.73	21.88	21.61		
10	QPSK	50	0	21.82	21.94	21.71		
10	16QAM	1	0	21.92	21.93	21.80	23	1
10	16QAM	1	25	21.75	21.91	21.77		
10	16QAM	1	49	21.65	21.83	21.77		
10	16QAM	25	0	20.83	20.82	20.82	22	2
10	16QAM	25	12	20.75	20.76	20.73		
10	16QAM	25	25	20.70	20.79	20.69		
10	16QAM	50	0	20.94	20.99	20.82		
10	64QAM	1	0	20.82	20.95	20.96	22	2
10	64QAM	1	25	20.96	20.84	20.67		
10	64QAM	1	49	20.69	20.75	20.69		
10	64QAM	25	0	19.61	19.75	19.74	21	3
10	64QAM	25	12	19.56	19.80	19.70		
10	64QAM	25	25	19.61	19.70	19.57		
10	64QAM	50	0	19.86	19.93	19.77		
10	256QAM	1	0	17.94	17.97	17.83	19	5
10	256QAM	1	25	17.75	17.90	17.81		
10	256QAM	1	49	17.66	17.80	17.70		
10	256QAM	25	0	17.84	17.97	17.86	19	5
10	256QAM	25	12	17.83	17.94	17.85		
10	256QAM	25	25	17.81	17.83	17.84		
10	256QAM	50	0	17.64	17.86	17.66		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3675	3697.5		
5	QPSK	1	0	23.10	23.09	23.03	24	0
5	QPSK	1	12	23.03	23.16	22.91		
5	QPSK	1	24	22.95	23.13	22.93		
5	QPSK	12	0	21.90	21.98	21.83	23	1
5	QPSK	12	7	21.76	21.80	21.80		
5	QPSK	12	13	21.76	21.77	21.69		
5	QPSK	25	0	21.71	21.84	21.69		
5	16QAM	1	0	21.84	21.94	21.79	23	1
5	16QAM	1	12	21.78	21.84	21.70		
5	16QAM	1	24	21.68	21.80	21.75		
5	16QAM	12	0	20.74	20.84	20.82	22	2
5	16QAM	12	7	20.80	20.67	20.75		
5	16QAM	12	13	20.70	20.72	20.64		
5	16QAM	25	0	20.87	21.00	20.80		
5	64QAM	1	0	20.77	21.07	21.04	22	2
5	64QAM	1	12	20.92	20.85	20.65		
5	64QAM	1	24	20.77	20.86	20.77		
5	64QAM	12	0	19.61	19.80	19.64	21	3
5	64QAM	12	7	19.60	19.87	19.65		
5	64QAM	12	13	19.72	19.60	19.46		
5	64QAM	25	0	19.78	19.86	19.73		
5	256QAM	1	0	17.90	17.90	17.80	19	5
5	256QAM	1	12	17.72	17.84	17.79		
5	256QAM	1	24	17.75	17.89	17.68		
5	256QAM	12	0	17.83	17.92	17.78	19	5
5	256QAM	12	7	17.82	17.97	17.74		
5	256QAM	12	13	17.74	17.81	17.76		
5	256QAM	25	0	17.66	17.88	17.74		

Band 43 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43990	44090	44490		
Frequency (MHz)				3810	3850	3890		
20	QPSK	1	0	23.25	23.39	23.29	24	0
20	QPSK	1	49	23.20	23.34	23.30		
20	QPSK	1	99	23.15	23.27	23.22		
20	QPSK	50	0	22.03	22.12	22.05	23	1
20	QPSK	50	24	21.96	22.07	21.97		
20	QPSK	50	50	21.91	22.00	21.90		
20	QPSK	100	0	21.96	22.03	21.95		
20	16QAM	1	0	22.33	22.47	22.35	23	1
20	16QAM	1	49	22.36	22.42	22.33		
20	16QAM	1	99	22.21	22.35	22.31		
20	16QAM	50	0	21.10	21.19	21.10	22	2
20	16QAM	50	24	21.06	21.14	20.99		
20	16QAM	50	50	20.94	21.07	21.02		
20	16QAM	100	0	20.94	21.07	21.02		
20	64QAM	1	0	21.02	21.07	21.02	22	2
20	64QAM	1	49	20.97	21.02	20.87		
20	64QAM	1	99	20.82	20.95	20.87		
20	64QAM	50	0	20.00	20.09	20.04	21	3
20	64QAM	50	24	19.95	20.04	19.98		
20	64QAM	50	50	19.91	19.97	19.86		
20	64QAM	100	0	19.92	20.01	19.87		
20	256QAM	1	0	18.12	18.15	18.10	19	5
20	256QAM	1	49	18.04	18.10	17.96		
20	256QAM	1	99	17.93	18.03	17.98		
20	256QAM	50	0	17.96	18.07	18.02	19	5
20	256QAM	50	24	17.93	18.02	17.88		
20	256QAM	50	50	17.81	17.95	17.85		
20	256QAM	100	0	17.85	17.99	17.91		
Channel				43565	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3807.5	3850	3892.5		
15	QPSK	1	0	23.12	23.34	23.25	24	0
15	QPSK	1	37	23.08	23.31	23.19		
15	QPSK	1	74	23.05	23.15	23.16		
15	QPSK	36	0	21.99	22.09	21.94	23	1
15	QPSK	36	20	21.91	21.92	21.86		
15	QPSK	36	39	21.79	21.93	21.79		
15	QPSK	75	0	21.83	21.91	21.82		
15	16QAM	1	0	22.28	22.35	22.25	23	1
15	16QAM	1	37	22.30	22.27	22.25		
15	16QAM	1	74	22.16	22.31	22.27		
15	16QAM	36	0	20.98	21.10	21.04	22	2
15	16QAM	36	20	20.92	21.01	20.86		
15	16QAM	36	39	20.80	21.02	20.93		
15	16QAM	75	0	20.80	21.00	20.99		
15	64QAM	1	0	20.95	20.98	20.95	22	2
15	64QAM	1	37	20.89	20.98	20.82		
15	64QAM	1	74	20.74	20.90	20.72		
15	64QAM	36	0	19.86	19.95	19.94	21	3
15	64QAM	36	20	19.92	19.97	19.88		
15	64QAM	36	39	19.86	19.82	19.76		
15	64QAM	75	0	19.87	19.97	19.74		
15	256QAM	1	0	18.06	18.06	18.01	19	5
15	256QAM	1	37	18.00	18.01	17.83		
15	256QAM	1	74	17.89	17.95	17.87		
15	256QAM	36	0	17.83	17.93	17.92	19	5
15	256QAM	36	20	17.89	17.97	17.84		
15	256QAM	36	39	17.67	17.80	17.78		
15	256QAM	75	0	17.82	17.91	17.76		
Channel				43540	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3805	3850	3895		
10	QPSK	1	0	23.21	23.29	23.17	24	0
10	QPSK	1	25	23.13	23.25	23.20		
10	QPSK	1	49	23.06	23.15	23.07		
10	QPSK	25	0	21.96	21.98	21.95	23	1
10	QPSK	25	12	21.91	21.97	21.86		
10	QPSK	25	25	21.84	21.89	21.79		
10	QPSK	50	0	21.82	21.91	21.87		
10	16QAM	1	0	22.21	22.37	22.24	23	1
10	16QAM	1	25	22.29	22.35	22.20		
10	16QAM	1	49	22.13	22.26	22.17		
10	16QAM	25	0	21.01	21.06	21.01	22	2
10	16QAM	25	12	20.95	21.10	20.85		
10	16QAM	25	25	20.87	21.03	20.98		
10	16QAM	50	0	20.85	20.98	20.92		
10	64QAM	1	0	20.99	20.96	20.96	22	2
10	64QAM	1	25	20.88	20.88	20.82		
10	64QAM	1	49	20.71	20.81	20.82		
10	64QAM	25	0	19.94	20.05	19.95	21	3
10	64QAM	25	12	19.87	19.97	19.92		
10	64QAM	25	25	19.76	19.82	19.75		
10	64QAM	50	0	19.85	19.87	19.78		
10	256QAM	1	0	18.08	18.02	18.04	19	5
10	256QAM	1	25	17.98	18.05	17.89		
10	256QAM	1	49	17.80	17.89	17.86		
10	256QAM	25	0	17.82	18.04	17.93	19	5
10	256QAM	25	12	17.80	17.98	17.83		
10	256QAM	25	25	17.73	17.84	17.75		
10	256QAM	50	0	17.80	17.91	17.80		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3802.5	3850	3897.5		
5	QPSK	1	0	23.13	23.25	23.21	24	0
5	QPSK	1	12	23.15	23.21	23.10		
5	QPSK	1	24	23.11	23.15	23.08		
5	QPSK	12	0	21.92	22.06	21.98	23	1
5	QPSK	12	7	21.87	21.95	21.88		
5	QPSK	12	13	21.79	21.88	21.77		
5	QPSK	25	0	21.90	21.94	21.88		
5	16QAM	1	0	22.22	22.38	22.22	23	1
5	16QAM	1	12	22.27	22.31	22.20		
5	16QAM	1	24	22.09	22.28	22.22		
5	16QAM	12	0	21.04	21.04	21.04	22	2
5	16QAM	12	7	21.00	21.10	20.84		
5	16QAM	12	13	20.81	21.02	20.91		
5	16QAM	25	0	20.84	20.93	20.93		
5	64QAM	1	0	20.94	21.04	20.99	22	2
5	64QAM	1	12	20.92	20.95	20.84		
5	64QAM	1	24	20.78	20.82	20.78		
5	64QAM	12	0	19.89	19.99	19.93	21	3
5	64QAM	12	7	19.82	19.94	19.86		
5	64QAM	12	13	19.83	19.88	19.76		
5	64QAM	25	0	19.79	19.97	19.76		
5	256QAM	1	0	18.00	18.10	18.05	19	5
5	256QAM	1	12	17.94	18.00	17.91		
5	256QAM	1	24	17.79	17.92	17.88		
5	256QAM	12	0	17.87	17.99	17.99	19	5
5	256QAM	12	7	17.83	17.94	17.75		
5	256QAM	12	13	17.70	17.82	17.79		
5	256QAM	25	0	17.77	17.86	17.85		

Band 48 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.44	23.51	23.41	23.27	24	0
20	QPSK	1	49	23.39	23.46	23.32	23.22		
20	QPSK	1	99	23.25	23.39	23.27	23.16		
20	QPSK	50	0	23.32	23.45	23.39	23.27	24	0
20	QPSK	50	24	23.28	23.40	23.33	23.26		
20	QPSK	50	50	23.24	23.33	23.25	23.08		
20	QPSK	100	0	23.27	23.39	23.28	23.22		
20	16QAM	1	0	23.25	23.36	23.31	23.16	24	0
20	16QAM	1	49	23.20	23.31	23.24	23.11		
20	16QAM	1	99	23.13	23.24	23.12	23.01		
20	16QAM	50	0	22.34	22.41	22.36	22.26	23	1
20	16QAM	50	24	22.32	22.36	22.31	22.12		
20	16QAM	50	50	22.19	22.29	22.20	22.14		
20	16QAM	100	0	22.32	22.37	22.24	22.14		
20	64QAM	1	0	22.19	22.32	22.28	22.17	23	1
20	64QAM	1	49	22.17	22.27	22.14	22.11		
20	64QAM	1	99	22.16	22.20	22.07	22.05		
20	64QAM	50	0	21.35	21.45	21.32	21.26	22	2
20	64QAM	50	24	21.32	21.40	21.28	21.23		
20	64QAM	50	50	21.18	21.33	21.20	21.20		
20	64QAM	100	0	21.27	21.39	21.35	21.26		
20	256QAM	1	0	19.34	19.44	19.37	19.22	20	4
20	256QAM	1	49	19.35	19.39	19.34	19.15		
20	256QAM	1	99	19.27	19.32	19.23	19.07		
20	256QAM	50	0	19.33	19.41	19.27	19.21	20	4
20	256QAM	50	24	19.29	19.36	19.23	19.21		
20	256QAM	50	50	19.20	19.29	19.16	19.13		
20	256QAM	100	0	19.29	19.36	19.24	19.20		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.30	23.48	23.32	23.21	24	0
15	QPSK	1	37	23.34	23.34	23.21	23.09		
15	QPSK	1	74	23.13	23.33	23.16	23.04		
15	QPSK	36	0	23.22	23.33	23.30	23.19	24	0
15	QPSK	36	20	23.17	23.34	23.21	23.12		
15	QPSK	36	39	23.20	23.26	23.15	22.98		
15	QPSK	75	0	23.23	23.31	23.16	23.09		
15	16QAM	1	0	23.11	23.28	23.23	23.02	24	0
15	16QAM	1	37	23.16	23.20	23.15	22.99		
15	16QAM	1	74	23.09	23.19	23.07	22.93		
15	16QAM	36	0	22.27	22.31	22.29	22.21	23	1
15	16QAM	36	20	22.19	22.27	22.23	22.01		
15	16QAM	36	39	22.08	22.19	22.11	22.03		
15	16QAM	75	0	22.29	22.23	22.19	22.06		
15	64QAM	1	0	22.11	22.24	22.16	22.11	23	1
15	64QAM	1	37	22.06	22.23	22.00	22.02		
15	64QAM	1	74	22.01	22.06	21.99	22.01		
15	64QAM	36	0	21.27	21.39	21.27	21.18	22	2
15	64QAM	36	20	21.21	21.34	21.25	21.14		
15	64QAM	36	39	21.11	21.24	21.07	21.14		
15	64QAM	75	0	21.19	21.26	21.28	21.21		
15	256QAM	1	0	19.23	19.40	19.22	19.14	20	4
15	256QAM	1	37	19.26	19.30	19.30	19.02		
15	256QAM	1	74	19.19	19.26	19.18	19.01		
15	256QAM	36	0	19.22	19.35	19.20	19.13	20	4
15	256QAM	36	20	19.24	19.32	19.11	19.18		
15	256QAM	36	39	19.17	19.26	19.07	19.10		
15	256QAM	75	0	19.22	19.32	19.12	19.13		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.35	23.43	23.32	23.17	24	0
10	QPSK	1	25	23.25	23.34	23.22	23.13		
10	QPSK	1	49	23.18	23.25	23.24	23.10		
10	QPSK	25	0	23.19	23.37	23.33	23.13	24	0
10	QPSK	25	12	23.19	23.33	23.28	23.22		
10	QPSK	25	25	23.12	23.29	23.13	22.99		
10	QPSK	50	0	23.21	23.34	23.23	23.14		
10	16QAM	1	0	23.16	23.29	23.22	23.09	24	0
10	16QAM	1	25	23.09	23.20	23.19	23.05		
10	16QAM	1	49	23.08	23.16	23.07	22.90		
10	16QAM	25	0	22.20	22.31	22.22	22.16	23	1
10	16QAM	25	12	22.19	22.26	22.25	22.02		
10	16QAM	25	25	22.08	22.26	22.13	22.07		
10	16QAM	50	0	22.18	22.34	22.16	22.04		
10	64QAM	1	0	22.14	22.19	22.24	22.09	23	1
10	64QAM	1	25	22.12	22.13	22.04	22.01		
10	64QAM	1	49	22.06	22.12	21.96	21.96		
10	64QAM	25	0	21.21	21.41	21.19	21.15	22	2
10	64QAM	25	12	21.24	21.29	21.20	21.15		
10	64QAM	25	25	21.12	21.29	21.05	21.16		
10	64QAM	50	0	21.13	21.32	21.30	21.20		
10	256QAM	1	0	19.28	19.32	19.26	19.13	20	4
10	256QAM	1	25	19.21	19.25	19.26	19.06		
10	256QAM	1	49	19.12	19.17	19.11	18.96		
10	256QAM	25	0	19.28	19.27	19.20	19.07	20	4
10	256QAM	25	12	19.24	19.32	19.20	19.13		
10	256QAM	25	25	19.15	19.22	19.10	19.06		
10	256QAM	50	0	19.19	19.24	19.20	19.16		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.37	23.45	23.27	23.13	24	0
5	QPSK	1	12	23.32	23.38	23.27	23.11		
5	QPSK	1	24	23.17	23.26	23.16	23.04		
5	QPSK	12	0	23.22	23.39	23.28	23.19	24	0
5	QPSK	12	7	23.14	23.36	23.27	23.23		
5	QPSK	12	13	23.10	23.29	23.13	23.01		
5	QPSK	25	0	23.23	23.30	23.16	23.11	24	0
5	16QAM	1	0	23.10	23.29	23.18	23.03		
5	16QAM	1	12	23.07	23.17	23.15	22.99		
5	16QAM	1	24	22.99	23.15	23.02	22.95		
5	16QAM	12	0	22.31	22.29	22.30	22.14	23	1
5	16QAM	12	7	22.23	22.25	22.17	22.07		
5	16QAM	12	13	22.12	22.26	22.15	22.01		
5	16QAM	25	0	22.26	22.33	22.18	22.05		
5	64QAM	1	0	22.09	22.18	22.22	22.02	23	1
5	64QAM	1	12	22.03	22.14	22.07	22.01		
5	64QAM	1	24	22.12	22.13	22.02	21.96		
5	64QAM	12	0	21.31	21.40	21.29	21.13	22	2
5	64QAM	12	7	21.17	21.29	21.22	21.09		
5	64QAM	12	13	21.09	21.22	21.05	21.08		
5	64QAM	25	0	21.14	21.35	21.30	21.15		
5	256QAM	1	0	19.31	19.36	19.27	19.12	20	4
5	256QAM	1	12	19.31	19.34	19.31	19.12		
5	256QAM	1	24	19.22	19.29	19.10	19.01		
5	256QAM	12	0	19.26	19.28	19.16	19.15	20	4
5	256QAM	12	7	19.23	19.24	19.09	19.14		
5	256QAM	12	13	19.13	19.25	19.02	18.99		
5	256QAM	25	0	19.17	19.27	19.16	19.13		

Reduced Power Mode for DSI2 Standalone

GSM850 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.20	33.32	33.28	33.50	24.20	24.32	24.28	24.50
GPRS 1 Tx slot	33.25	33.39	33.31	33.50	24.25	24.39	24.31	24.50
GPRS 2 Tx slots	30.42	30.54	30.50	31.00	24.42	24.54	24.50	25.00
GPRS 3 Tx slots	28.88	28.92	28.84	29.50	24.62	24.66	24.58	25.24
GPRS 4 Tx slots	27.25	27.38	27.30	28.00	24.25	24.38	24.30	25.00
EDGE 1 Tx slot	26.18	26.24	26.10	27.00	17.18	17.24	17.10	18.00
EDGE 2 Tx slots	24.41	24.49	24.45	25.00	18.41	18.49	18.45	19.00
EDGE 3 Tx slots	23.12	23.25	23.10	24.00	18.86	18.99	18.84	19.74
EDGE 4 Tx slots	21.20	21.27	21.18	22.00	18.20	18.27	18.18	19.00

GSM1900 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.65	28.68	28.60	29.00	19.65	19.68	19.60	20.00
GPRS 1 Tx slot	28.69	28.74	28.63	29.00	19.69	19.74	19.63	20.00
GPRS 2 Tx slots	25.35	25.39	25.31	26.00	19.35	19.39	19.31	20.00
GPRS 3 Tx slots	22.96	23.07	22.96	24.50	18.70	18.81	18.70	20.24
GPRS 4 Tx slots	21.28	21.38	21.27	22.50	18.28	18.38	18.27	19.50
EDGE 1 Tx slot	23.50	23.57	23.43	24.50	14.50	14.57	14.43	15.50
EDGE 2 Tx slots	21.83	21.87	21.80	23.00	15.83	15.87	15.80	17.00
EDGE 3 Tx slots	20.69	20.74	20.61	22.00	16.43	16.48	16.35	17.74
EDGE 4 Tx slots	18.46	18.57	18.52	20.00	15.46	15.57	15.52	17.00

Band		WCDMA V Ant 0			Tune-up Limit (dBm)	WCDMA IV Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.65	23.72	23.63	24.00	21.80	21.92	21.87	23.00
3GPP Rel 99	RMC 12.2Kbps	23.71	23.78	23.66	24.00	21.85	21.99	21.93	23.00
3GPP Rel 6	HSDPA Subtest-1	22.89	22.84	22.83	23.00	21.11	21.15	21.00	22.00
3GPP Rel 6	HSDPA Subtest-2	22.77	22.91	22.84	23.00	20.97	21.09	20.97	22.00
3GPP Rel 6	HSDPA Subtest-3	22.30	22.43	22.33	22.50	20.50	20.61	20.51	21.50
3GPP Rel 6	HSDPA Subtest-4	22.24	22.41	22.37	22.50	20.41	20.62	20.49	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.89	22.73	22.75	23.00	21.03	21.13	20.88	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.65	22.79	22.59	23.00	20.84	20.95	20.75	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.26	22.26	22.21	22.50	20.45	20.42	20.34	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.16	22.29	22.31	22.50	20.33	20.49	20.49	21.50
3GPP Rel 6	HSUPA Subtest-1	22.90	22.94	22.94	23.00	21.10	21.06	21.04	22.00
3GPP Rel 6	HSUPA Subtest-2	20.89	20.97	20.75	21.00	19.02	19.14	18.97	20.00
3GPP Rel 6	HSUPA Subtest-3	21.79	21.92	21.93	22.00	19.96	20.03	20.05	21.00
3GPP Rel 6	HSUPA Subtest-4	20.77	20.87	20.83	21.00	18.90	19.07	19.05	20.00
3GPP Rel 6	HSUPA Subtest-5	22.85	22.76	22.74	23.00	21.08	20.90	20.94	22.00

Band 4 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.26	20.30	20.22		
20	QPSK	1	49	20.14	20.23	20.19	21	0
20	QPSK	1	99	20.11	20.16	20.04		
20	QPSK	50	0	19.23	19.37	19.22		
20	QPSK	50	24	19.21	19.30	19.24	20	1
20	QPSK	50	50	19.11	19.25	19.12		
20	QPSK	100	0	19.19	19.32	19.25		
20	16QAM	1	0	19.16	19.26	19.15		
20	16QAM	1	49	19.12	19.25	19.19	20	1
20	16QAM	1	99	19.08	19.15	19.03		
20	16QAM	50	0	18.43	18.49	18.41		
20	16QAM	50	24	18.38	18.51	18.38	19	2
20	16QAM	50	50	18.45	18.49	18.43		
20	16QAM	100	0	18.48	18.61	18.57		
20	64QAM	1	0	18.29	18.35	18.21		
20	64QAM	1	49	18.37	18.43	18.31	19	2
20	64QAM	1	99	18.12	18.25	18.10		
20	64QAM	50	0	17.30	17.43	17.35		
20	64QAM	50	24	17.34	17.40	17.37	18	3
20	64QAM	50	50	17.22	17.30	17.25		
20	64QAM	100	0	17.37	17.41	17.27		
20	256QAM	1	0	15.45	15.51	15.47		
20	256QAM	1	49	15.25	15.38	15.32	16	5
20	256QAM	1	99	15.34	15.37	15.30		
20	256QAM	50	0	15.38	15.41	15.33		
20	256QAM	50	24	15.42	15.45	15.36	16	5
20	256QAM	50	50	15.14	15.26	15.11		
20	256QAM	100	0	15.27	15.37	15.25		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.15	20.27	20.12		
15	QPSK	1	37	20.14	20.24	20.04	21	0
15	QPSK	1	74	20.07	20.04	19.96		
15	QPSK	36	0	19.26	19.37	19.29		
15	QPSK	36	20	19.23	19.38	19.34	20	1
15	QPSK	36	39	19.15	19.32	19.21		
15	QPSK	75	0	19.25	19.39	19.31		
15	16QAM	1	0	19.21	19.29	19.22		
15	16QAM	1	37	19.18	19.35	19.27	20	1
15	16QAM	1	74	19.11	19.25	19.13		
15	16QAM	36	0	18.37	18.36	18.37		
15	16QAM	36	20	18.25	18.43	18.28	19	2
15	16QAM	36	39	18.31	18.36	18.37		
15	16QAM	75	0	18.40	18.57	18.46		
15	64QAM	1	0	18.21	18.32	18.07		
15	64QAM	1	37	18.32	18.40	18.23	19	2
15	64QAM	1	74	17.97	18.17	17.98		
15	64QAM	36	0	17.17	17.32	17.21		
15	64QAM	36	20	17.25	17.33	17.26	18	3
15	64QAM	36	39	17.17	17.23	17.19		
15	64QAM	75	0	17.26	17.31	17.21		
15	256QAM	1	0	15.31	15.39	15.37		
15	256QAM	1	37	15.13	15.24	15.17	16	5
15	256QAM	1	74	15.26	15.31	15.25		
15	256QAM	36	0	15.34	15.30	15.23		
15	256QAM	36	20	15.28	15.37	15.26	16	5
15	256QAM	36	39	15.07	15.18	15.11		
15	256QAM	75	0	15.19	15.31	15.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.17	20.23	20.11		
10	QPSK	1	25	20.18	20.21	20.10	21	0
10	QPSK	1	49	20.01	20.12	19.93		
10	QPSK	25	0	19.32	19.38	19.32		
10	QPSK	25	12	19.22	19.40	19.32	20	1
10	QPSK	25	25	19.21	19.31	19.20		
10	QPSK	50	0	19.24	19.32	19.28		
10	16QAM	1	0	19.21	19.33	19.20		
10	16QAM	1	25	19.23	19.32	19.27	20	1
10	16QAM	1	49	19.12	19.17	19.11		
10	16QAM	25	0	18.36	18.39	18.34		
10	16QAM	25	12	18.31	18.39	18.34	19	2
10	16QAM	25	25	18.30	18.35	18.38		
10	16QAM	50	0	18.41	18.50	18.52		
10	64QAM	1	0	18.15	18.23	18.09		
10	64QAM	1	25	18.27	18.33	18.23	19	2
10	64QAM	1	49	18.09	18.18	17.98		
10	64QAM	25	0	17.24	17.36	17.32		
10	64QAM	25	12	17.25	17.36	17.31	18	3
10	64QAM	25	25	17.11	17.21	17.17		
10	64QAM	50	0	17.31	17.31	17.22		
10	256QAM	1	0	15.38	15.47	15.35		
10	256QAM	1	25	15.18	15.24	15.22	16	5
10	256QAM	1	49	15.20	15.25	15.24		
10	256QAM	25	0	15.34	15.30	15.24		
10	256QAM	25	12	15.35	15.36	15.30	16	5
10	256QAM	25	25	15.09	15.14	15.05		
10	256QAM	50	0	15.13	15.31	15.14		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.22	20.23	20.12		
5	QPSK	1	12	20.20	20.26	20.05	21	0
5	QPSK	1	24	20.06	20.10	19.93		
5	QPSK	12	0	19.24	19.45	19.33		
5	QPSK	12	7	19.23	19.32	19.33	20	1
5	QPSK	12	13	19.22	19.31	19.19		
5	QPSK	25	0	19.25	19.42	19.35		
5	16QAM	1	0	19.27	19.28	19.18		
5	16QAM	1	12	19.20	19.31	19.22	20	1
5	16QAM	1	24	19.17	19.24	19.08		
5	16QAM	12	0	18.36	18.37	18.27		
5	16QAM	12	7	18.30	18.46	18.30	19	2
5	16QAM	12	13	18.41	18.36	18.39		
5	16QAM	25	0	18.40	18.53	18.50		
5	64QAM	1	0	18.17	18.21	18.14		
5	64QAM	1	12	18.25	18.40	18.24	19	2
5	64QAM	1	24	17.97	18.11	17.97		
5	64QAM	12	0	17.25	17.37	17.26		
5	64QAM	12	7	17.29	17.27	17.31	18	3
5	64QAM	12	13	17.12	17.17	17.16		
5	64QAM	25	0	17.31	17.27	17.17		
5	256QAM	1	0	15.37	15.40	15.33		
5	256QAM	1	12	15.15	15.29	15.21	16	5
5	256QAM	1	24	15.24	15.24	15.27		
5	256QAM	12	0	15.32	15.35	15.18		
5	256QAM	12	7	15.29	15.41	15.30	16	5
5	256QAM	12	13	15.10	15.11	15.00		
5	256QAM	25	0	15.23	15.31	15.12		
Channel				19965	20175	20383	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.18	20.28	20.15		
3	QPSK	1	8	20.19	20.24	20.11	21	0
3	QPSK	1	14	20.04	20.10	19.99		
3	QPSK	8	0	19.33	19.37	19.24		
3	QPSK	8	4	19.24	19.37	19.30	20	1
3	QPSK	8	7	19.21	19.32	19.14		
3	QPSK	15	0	19.30	19.38	19.28		
3	16QAM	1	0	19.26	19.33	19.21		
3	16QAM	1	8	19.21	19.25	19.21	20	1
3	16QAM	1	14	19.16	19.15	19.04		
3	16QAM	8	0	18.38	18.45	18.31		
3	16QAM	8	4	18.29	18.44	18.29	19	2
3	16QAM	8	7	18.32	18.42	18.30		
3	16QAM	15	0	18.44	18.47	18.45		
3	64QAM	1	0	18.21	18.24	18.08		
3	64QAM	1	8	18.32	18.29	18.24	19	2
3	64QAM	1	14	18.07	18.15	17.99		
3	64QAM	8	0	17.24	17.33	17.30		
3	64QAM	8	4	17.23	17.35	17.24	18	3
3	64QAM	8	7	17.10	17.18	17.21		
3	64QAM	15	0	17.23	17.29	17.13		
3	256QAM	1	0	15.37	15.37	15.43		
3	256QAM	1	8	15.16	15.33	15.24	16	5
3	256QAM	1	14	15.30	15.25	15.17		
3	256QAM	8	0	15.32	15.30	15.26		
3	256QAM	8	4	15.28	15.41	15.22	16	5
3	256QAM	8	7	15.09	15.18	15.01		
3	256QAM	15	0	15.21	15.28	15.13		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.22	20.26	20.13		
1.4	QPSK	1	3	20.09	20.21	20.07		
1.4	QPSK	1	5	19.96	20.01	19.90	21	0
1.4	QPSK	3	0	20.22	20.23	20.14		
1.4	QPSK	3	1	20.13	20.16	20.13		
1.4	QPSK	3	3	20.04	20.04	19.90		
1.4	QPSK	6	0	19.27	19.49	19.33	20	1
1.4	16QAM	1	0	19.31	19.36	19.27		
1.4	16QAM	1	3	19.14	19.35	19.17		
1.4	16QAM	1	5	19.24	19.40	19.29	20	1
1.4	16QAM	3	0	19.20	19.37	19.25		
1.4	16QAM	3	1	19.14	19.27	19.23		
1.4	16QAM	3	3	19.12	19.23	19.07		
1.4	16QAM	6	0	18.35	18.41	18.34	19	2
1.4	64QAM	1	0	18.29	18.41	18.25		
1.4	64QAM	1	3	18.33	18.45	18.34		
1.4	64QAM	1	5	18.38	18.48	18.45	19	2
1.4	64QAM	3	0	18.16	18.24	18.15		
1.4	64QAM	3	1	18.27	18.33	18.23		
1.4	64QAM	3	3	18.01	18.19	17.97		
1.4	64QAM	6	0	17.17	17.39	17.22	18	3
1.4	256QAM	1	0	15.40	15.43	15.37		
1.4	256QAM	1	3	15.12	15.35	15.19		
1.4	256QAM	1	5	15.23	15.31	15.15	16	5
1.4	256QAM	3	0	15.29	15.32	15.30		
1.4	256QAM	3	1	15.37	15.32	15.21		
1.4	256QAM	3	3	15.01	15.17	15.06		
1.4	256QAM	6	0	15.17	15.31	15.11	16	5

Band 5 Ant 0

BW [MHz]	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	22.78	22.82	22.72		
10	QPSK	1	25	22.71	22.77	22.67	24	0
10	QPSK	1	49	22.63	22.73	22.64		
10	QPSK	25	0	21.94	21.97	21.90		
10	QPSK	25	12	21.77	21.90	21.81	23	1
10	QPSK	25	25	21.67	21.81	21.69		
10	QPSK	50	0	21.97	21.88	21.74		
10	16QAM	1	0	21.86	21.91	21.77		
10	16QAM	1	25	21.73	21.82	21.76	23	1
10	16QAM	1	49	21.66	21.78	21.71		
10	16QAM	25	0	20.83	20.96	20.91		
10	16QAM	25	12	20.71	20.77	20.69	22	2
10	16QAM	25	25	20.69	20.79	20.75		
10	16QAM	50	0	20.75	20.85	20.72		
10	64QAM	1	0	20.86	21.01	20.85		
10	64QAM	1	25	20.79	20.83	20.71	22	2
10	64QAM	1	49	20.65	20.76	20.68		
10	64QAM	25	0	19.76	19.91	19.84		
10	64QAM	25	12	19.74	19.77	19.69	21	3
10	64QAM	25	25	19.72	19.86	19.80		
10	64QAM	50	0	19.73	19.81	19.75		
10	256QAM	1	0	17.71	17.82	17.68		
10	256QAM	1	25	17.67	17.72	17.61	19	5
10	256QAM	1	49	17.62	17.74	17.68		
10	256QAM	25	0	17.69	17.78	17.72		
10	256QAM	25	12	17.57	17.69	17.64	19	5
10	256QAM	25	25	17.55	17.65	17.58		
10	256QAM	50	0	17.65	17.71	17.62		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.72	22.77	22.62		
5	QPSK	1	12	22.67	22.73	22.63	24	0
5	QPSK	1	24	22.58	22.59	22.54		
5	QPSK	12	0	21.90	21.83	21.86		
5	QPSK	12	7	21.65	21.82	21.70	23	1
5	QPSK	12	13	21.62	21.68	21.55		
5	QPSK	25	0	21.73	21.80	21.71		
5	16QAM	1	0	21.79	21.88	21.62		
5	16QAM	1	12	21.70	21.74	21.63	23	1
5	16QAM	1	24	21.58	21.66	21.52		
5	16QAM	12	0	20.74	20.90	20.88		
5	16QAM	12	7	20.62	20.64	20.63	22	2
5	16QAM	12	13	20.54	20.67	20.67		
5	16QAM	25	0	20.68	20.81	20.58		
5	64QAM	1	0	20.80	20.80	20.81		
5	64QAM	1	12	20.51	20.61	20.53	22	2
5	64QAM	1	24	20.38	20.57	20.48		
5	64QAM	12	0	19.69	19.76	19.69		
5	64QAM	12	7	19.67	19.64	19.55	21	3
5	64QAM	12	13	19.59	19.80	19.71		
5	64QAM	25	0	19.63	19.72	19.66		
5	256QAM	1	0	17.64	17.76	17.53		
5	256QAM	1	12	17.63	17.67	17.57	19	5
5	256QAM	1	24	17.50	17.62	17.58		
5	256QAM	12	0	17.65	17.63	17.67		
5	256QAM	12	7	17.49	17.61	17.55	19	5
5	256QAM	12	13	17.44	17.57	17.50		
5	256QAM	25	0	17.53	17.61	17.59		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				823.5	836.5	847.5		
3	QPSK	1	0	22.69	22.72	22.62		
3	QPSK	1	8	22.63	22.67	22.63	24	0
3	QPSK	1	14	22.54	22.68	22.51		
3	QPSK	8	0	21.89	21.89	21.79		
3	QPSK	8	4	21.63	21.79	21.70	23	1
3	QPSK	8	7	21.53	21.66	21.54		
3	QPSK	15	0	21.73	21.85	21.64		
3	16QAM	1	0	21.73	21.86	21.66		
3	16QAM	1	8	21.63	21.69	21.72	23	1
3	16QAM	1	14	21.46	21.56	21.45		
3	16QAM	8	0	20.73	20.85	20.88		
3	16QAM	8	4	20.63	20.70	20.58	22	2
3	16QAM	8	7	20.63	20.65	20.62		
3	16QAM	15	0	20.61	20.76	20.60		
3	64QAM	1	0	20.76	20.87	20.77		
3	64QAM	1	8	20.45	20.64	20.53	22	2
3	64QAM	1	14	20.41	20.52	20.43		
3	64QAM	8	0	19.72	19.81	19.77		
3	64QAM	8	4	19.69	19.72	19.56	21	3
3	64QAM	8	7	19.61	19.80	19.77		
3	64QAM	15	0	19.65	19.74	19.65		
3	256QAM	1	0	17.68	17.71	17.57		
3	256QAM	1	8	17.55	17.64	17.49	19	5
3	256QAM	1	14	17.56	17.65	17.63		
3	256QAM	8	0	17.63	17.69	17.64		
3	256QAM	8	4	17.48	17.61	17.50	19	5
3	256QAM	8	7	17.41	17.59	17.44		
3	256QAM	15	0	17.62	17.66	17.49		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.65	22.78	22.62		
1.4	QPSK	1	3	22.62	22.66	22.61		
1.4	QPSK	1	5	22.49	22.61	22.58	24	0
1.4	QPSK	3	0	22.68	22.70	22.66		
1.4	QPSK	3	1	22.60	22.72	22.55		
1.4	QPSK	3	3	22.51	22.58	22.60		
1.4	QPSK	6	0	21.89	21.85	21.86	23	1
1.4	16QAM	1	0	21.64	21.82	21.68		
1.4	16QAM	1	3	21.62	21.77	21.60		
1.4	16QAM	1	5	21.68	21.84	21.67	23	1
1.4	16QAM	3	0	21.77	21.81	21.68		
1.4	16QAM	3	1	21.65	21.68	21.66		
1.4	16QAM	3	3	21.46	21.64	21.43		
1.4	16QAM	6	0	20.72	20.92	20.81	22	2
1.4	64QAM	1	0	20.56	20.71	20.63		
1.4	64QAM	1	3	20.60	20.66	20.68		
1.4	64QAM	1	5	20.67	20.74	20.65	22	2
1.4	64QAM	3	0	20.81	20.82	20.78		
1.4	64QAM	3	1	20.68	20.73	20.62		
1.4	64QAM	3	3	20.58	20.69	20.55		
1.4	64QAM	6	0	19.72	19.79	19.75	21	3
1.4	256QAM	1	0	17.67	17.72	17.61		
1.4	256QAM	1	3	17.54	17.66	17.54		
1.4	256QAM	1	5	17.59	17.70	17.62	19	5
1.4	256QAM	3	0	17.61	17.68	17.62		
1.4	256QAM	3	1	17.50	17.56	17.61		
1.4	256QAM	3	3	17.47	17.52	17.44		
1.4	256QAM	6	0	17.61	17.59	17.55	19	5

Band 7 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.16	23.24	23.12		
20	QPSK	1	49	23.14	23.19	23.09	24	0
20	QPSK	1	99	23.09	23.12	23.04		
20	QPSK	50	0	22.22	22.37	22.27		
20	QPSK	50	24	22.28	22.32	22.21	23	1
20	QPSK	50	50	22.10	22.25	22.12		
20	QPSK	100	0	22.27	22.31	22.28		
20	16QAM	1	0	22.10	22.24	22.16		
20	16QAM	1	49	22.12	22.19	22.05	23	1
20	16QAM	1	99	22.01	22.12	21.99		
20	16QAM	50	0	21.43	21.48	21.33		
20	16QAM	50	24	21.29	21.43	21.29	22	2
20	16QAM	50	50	21.33	21.36	21.26		
20	16QAM	100	0	21.30	21.42	21.31		
20	64QAM	1	0	21.26	21.36	21.27		
20	64QAM	1	49	21.21	21.31	21.21	22	2
20	64QAM	1	99	21.18	21.24	21.19		
20	64QAM	50	0	20.35	20.41	20.37		
20	64QAM	50	24	20.27	20.36	20.23	21	3
20	64QAM	50	50	20.16	20.29	20.22		
20	64QAM	100	0	20.31	20.35	20.23		
20	256QAM	1	0	18.36	18.46	18.38		
20	256QAM	1	49	18.38	18.41	18.34	19	5
20	256QAM	1	99	18.25	18.34	18.28		
20	256QAM	50	0	18.27	18.42	18.36		
20	256QAM	50	24	18.31	18.37	18.29	19	5
20	256QAM	50	50	18.21	18.30	18.25		
20	256QAM	100	0	18.30	18.39	18.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.08	23.17	23.03		
15	QPSK	1	37	23.09	23.11	22.95	24	0
15	QPSK	1	74	23.01	23.09	22.99		
15	QPSK	36	0	22.19	22.31	22.19		
15	QPSK	36	20	22.16	22.21	22.08	23	1
15	QPSK	36	39	22.01	22.22	22.03		
15	QPSK	75	0	22.21	22.18	22.13		
15	16QAM	1	0	22.06	22.19	22.07		
15	16QAM	1	37	22.07	22.04	21.96	23	1
15	16QAM	1	74	21.97	21.97	21.90		
15	16QAM	36	0	21.36	21.42	21.25		
15	16QAM	36	20	21.23	21.30	21.20	22	2
15	16QAM	36	39	21.18	21.26	21.20		
15	16QAM	75	0	21.20	21.35	21.27		
15	64QAM	1	0	21.13	21.33	21.14		
15	64QAM	1	37	21.15	21.24	21.09	22	2
15	64QAM	1	74	21.10	21.21	21.13		
15	64QAM	36	0	20.29	20.36	20.25		
15	64QAM	36	20	20.14	20.26	20.18	21	3
15	64QAM	36	39	20.04	20.14	20.09		
15	64QAM	75	0	20.18	20.22	20.12		
15	256QAM	1	0	18.31	18.34	18.29		
15	256QAM	1	37	18.23	18.33	18.28	19	5
15	256QAM	1	74	18.21	18.30	18.16		
15	256QAM	36	0	18.13	18.29	18.32		
15	256QAM	36	20	18.21	18.31	18.23	19	5
15	256QAM	36	39	18.06	18.25	18.19		
15	256QAM	75	0	18.20	18.29	18.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.13	23.21	23.00		
10	QPSK	1	25	23.09	23.10	23.03	24	0
10	QPSK	1	49	23.01	23.07	22.97		
10	QPSK	25	0	22.13	22.33	22.15		
10	QPSK	25	12	22.23	22.27	22.17	23	1
10	QPSK	25	25	22.05	22.14	22.06		
10	QPSK	50	0	22.21	22.19	22.24		
10	16QAM	1	0	22.04	22.16	22.12		
10	16QAM	1	25	22.00	22.14	21.92	23	1
10	16QAM	1	49	21.94	22.04	21.93		
10	16QAM	25	0	21.30	21.38	21.22		
10	16QAM	25	12	21.24	21.30	21.17	22	2
10	16QAM	25	25	21.26	21.24	21.20		
10	16QAM	50	0	21.26	21.31	21.21		
10	64QAM	1	0

Band 12 Ant 0

BW [MHz]	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	22.84	22.89	22.79	24	0
10	QPSK	1	25	22.76	22.81	22.64		
10	QPSK	1	49	22.60	22.68	22.62		
10	QPSK	25	0	21.92	21.99	21.88	23	1
10	QPSK	25	12	21.88	21.94	21.84		
10	QPSK	25	25	21.80	21.87	21.78		
10	QPSK	50	0	21.85	21.93	21.84		
10	16QAM	1	0	21.77	21.86	21.80	23	1
10	16QAM	1	25	21.66	21.81	21.71		
10	16QAM	1	49	21.66	21.74	21.66		
10	16QAM	25	0	20.86	20.97	20.82	22	2
10	16QAM	25	12	20.80	20.92	20.88		
10	16QAM	25	25	20.76	20.85	20.79		
10	16QAM	50	0	20.87	20.91	20.80		
10	64QAM	1	0	20.72	20.83	20.74	22	2
10	64QAM	1	25	20.65	20.78	20.68		
10	64QAM	1	49	20.59	20.71	20.67		
10	64QAM	25	0	19.81	19.96	19.91	21	3
10	64QAM	25	12	19.85	19.91	19.77		
10	64QAM	25	25	19.80	19.84	19.73		
10	64QAM	50	0	19.84	19.89	19.74		
10	256QAM	1	0	17.79	17.91	17.77	19	5
10	256QAM	1	25	17.77	17.86	17.79		
10	256QAM	1	49	17.75	17.79	17.72		
10	256QAM	25	0	17.73	17.85	17.75	19	5
10	256QAM	25	12	17.69	17.80	17.66		
10	256QAM	25	25	17.61	17.73	17.65		
10	256QAM	50	0	17.70	17.78	17.63		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.77	22.86	22.74	24	0
5	QPSK	1	12	22.63	22.69	22.56		
5	QPSK	1	24	22.47	22.54	22.47		
5	QPSK	12	0	21.81	21.92	21.76	23	1
5	QPSK	12	7	21.83	21.81	21.72		
5	QPSK	12	13	21.74	21.73	21.72		
5	QPSK	25	0	21.81	21.82	21.80		
5	16QAM	1	0	21.62	21.72	21.73	23	1
5	16QAM	1	12	21.59	21.73	21.65		
5	16QAM	1	24	21.54	21.69	21.59		
5	16QAM	12	0	20.74	20.92	20.69	22	2
5	16QAM	12	7	20.73	20.79	20.85		
5	16QAM	12	13	20.71	20.81	20.69		
5	16QAM	25	0	20.82	20.87	20.76		
5	64QAM	1	0	20.63	20.77	20.65	22	2
5	64QAM	1	12	20.62	20.67	20.56		
5	64QAM	1	24	20.45	20.64	20.60		
5	64QAM	12	0	19.73	19.85	19.78	21	3
5	64QAM	12	7	19.76	19.85	19.72		
5	64QAM	12	13	19.66	19.71	19.59		
5	64QAM	25	0	19.74	19.79	19.68		
5	256QAM	1	0	17.68	17.81	17.71	19	5
5	256QAM	1	12	17.66	17.73	17.68		
5	256QAM	1	24	17.69	17.74	17.68		
5	256QAM	12	0	17.62	17.81	17.63	19	5
5	256QAM	12	7	17.63	17.66	17.55		
5	256QAM	12	13	17.48	17.59	17.56		
5	256QAM	25	0	17.58	17.75	17.56		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.78	22.81	22.72	24	0
3	QPSK	1	8	22.70	22.76	22.50		
3	QPSK	1	14	22.53	22.54	22.57		
3	QPSK	8	0	21.83	21.84	21.75	23	1
3	QPSK	8	4	21.81	21.86	21.79		
3	QPSK	8	7	21.71	21.76	21.75		
3	QPSK	15	0	21.71	21.88	21.75		
3	16QAM	1	0	21.66	21.80	21.75	23	1
3	16QAM	1	8	21.62	21.69	21.58		
3	16QAM	1	14	21.61	21.60	21.58		
3	16QAM	8	0	20.81	20.92	20.77	22	2
3	16QAM	8	4	20.74	20.78	20.78		
3	16QAM	8	7	20.70	20.77	20.75		
3	16QAM	15	0	20.73	20.80	20.68		
3	64QAM	1	0	20.61	20.69	20.70	22	2
3	64QAM	1	8	20.50	20.70	20.61		
3	64QAM	1	14	20.47	20.59	20.61		
3	64QAM	8	0	19.68	19.82	19.81	21	3
3	64QAM	8	4	19.81	19.84	19.72		
3	64QAM	8	7	19.70	19.73	19.63		
3	64QAM	15	0	19.75	19.84	19.61		
3	256QAM	1	0	17.74	17.88	17.64	19	5
3	256QAM	1	8	17.66	17.73	17.65		
3	256QAM	1	14	17.66	17.68	17.59		
3	256QAM	8	0	17.58	17.80	17.70	19	5
3	256QAM	8	4	17.55	17.66	17.52		
3	256QAM	8	7	17.56	17.61	17.55		
3	256QAM	15	0	17.57	17.68	17.55		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.76	22.83	22.75	24	0
1.4	QPSK	1	3	22.65	22.67	22.51		
1.4	QPSK	1	5	22.48	22.57	22.53		
1.4	QPSK	3	0	22.50	22.67	22.67		
1.4	QPSK	3	1	22.54	22.55	22.56		
1.4	QPSK	3	3	22.44	22.54	22.57		
1.4	QPSK	6	0	21.80	21.85	21.76	23	1
1.4	16QAM	1	0	21.77	21.82	21.74	23	1
1.4	16QAM	1	3	21.66	21.79	21.72		
1.4	16QAM	1	5	21.77	21.88	21.74		
1.4	16QAM	3	0	21.74	21.82	21.74		
1.4	16QAM	3	1	21.54	21.66	21.57		
1.4	16QAM	3	3	21.57	21.65	21.55		
1.4	16QAM	6	0	20.76	20.90	20.69	22	2
1.4	64QAM	1	0	20.76	20.88	20.76	22	2
1.4	64QAM	1	3	20.65	20.78	20.70		
1.4	64QAM	1	5	20.75	20.76	20.71		
1.4	64QAM	3	0	20.60	20.80	20.70		
1.4	64QAM	3	1	20.60	20.75	20.64		
1.4	64QAM	3	3	20.53	20.56	20.56		
1.4	64QAM	6	0	19.70	19.88	19.82	21	3
1.4	256QAM	1	0	17.65	17.85	17.72	19	5
1.4	256QAM	1	3	17.69	17.80	17.71		
1.4	256QAM	1	5	17.61	17.66	17.60		
1.4	256QAM	3	0	17.66	17.76	17.65		
1.4	256QAM	3	1	17.59	17.74	17.56		
1.4	256QAM	3	3	17.48	17.61	17.59		
1.4	256QAM	6	0	17.61	17.70	17.57	19	5

Band 13 Ant 0

BW [MHz]	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		22.82		24	0
10	QPSK	1	25		22.77			
10	QPSK	1	49		22.73			
10	QPSK	25	0		21.87		23	1
10	QPSK	25	12		21.82			
10	QPSK	25	25		21.76			
10	QPSK	50	0		21.83			
10	16QAM	1	0		21.77		23	1
10	16QAM	1	25		21.72			
10	16QAM	1	49		21.61			
10	16QAM	25	0		20.90		22	2
10	16QAM	25	12		20.85			
10	16QAM	25	25		20.73			
10	16QAM	50	0		20.84			
10	64QAM	1	0		20.79		22	2
10	64QAM	1	25		20.74			
10	64QAM	1	49		20.60			
10	64QAM	25	0		19.91		21	3
10	64QAM	25	12		19.86			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.85			
10	256QAM	1	0		17.91		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.74			
10	256QAM	25	0		17.87		19	5
10	256QAM	25	12		17.82			
10	256QAM	25	25		17.74			
10	256QAM	50	0		17.80			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.71	22.78	22.67	24	0
5	QPSK	1	12	22.68	22.72	22.64		
5	QPSK	1	24	22.54	22.62	22.53		
5	QPSK	12	0	21.66	21.77	21.68	23	1
5	QPSK	12	7	21.71	21.78	21.73		
5	QPSK	12	13	21.49	21.64	21.54		
5	QPSK	25	0	21.66	21.79	21.67		
5	16QAM	1	0	21.63	21.74	21.63	23	1
5	16QAM	1	12	21.57	21.60	21.54		
5	16QAM	1	24	21.39	21.51	21.46		
5	16QAM	12	0	20.70	20.81	20.69	22	2
5	16QAM	12	7	20.68	20.77	20.64		
5	16QAM	12	13	20.61	20.72	20.61		
5	16QAM	25	0	20.68	20.81	20.73		
5	64QAM	1	0	20.52	20.65	20.59	22	2
5	64QAM	1	12	20.46	20.60	20.50		
5	64QAM	1	24	20.48	20.57	20.43		
5	64QAM	12	0	19.66	19.76	19.67	21	3
5	64QAM	12	7	19.70	19.74	19.63		
5	64QAM	12	13	19.66	19.71	19.59		
5	64QAM	25	0	19.71	19.79	19.66		
5	256QAM	1	0	17.78	17.83	17.76	19	5
5	256QAM	1	12	17.68	17.83	17.76		
5	256QAM	1	24	17.64	17.75	17.70		
5	256QAM	12	0	17.78	17.83	17.77	19	5
5	256QAM	12	7	17.65	17.73	17.60		
5	256QAM	12	13	17.55	17.70	17.65		
5	256QAM	25	0	17.73	17.78	17.68		

Band 17 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.85	22.88	22.81	24	0
10	QPSK	1	25	22.81	22.87	22.75		
10	QPSK	1	49	22.71	22.80	22.67		
10	QPSK	25	0	21.89	21.96	21.86	23	1
10	QPSK	25	12	21.79	21.91	21.84		
10	QPSK	25	25	21.75	21.84	21.80		
10	QPSK	50	0	21.75	21.89	21.84		
10	16QAM	1	0	21.75	21.81	21.68	23	1
10	16QAM	1	25	21.65	21.76	21.67		
10	16QAM	1	49	21.59	21.69	21.65		
10	16QAM	25	0	20.89	20.92	20.86	22	2
10	16QAM	25	12	20.77	20.87	20.82		
10	16QAM	25	25	20.65	20.80	20.73		
10	16QAM	50	0	20.73	20.86	20.71		
10	64QAM	1	0	20.71	20.81	20.69	22	2
10	64QAM	1	25	20.71	20.76	20.66		
10	64QAM	1	49	20.59	20.69	20.57		
10	64QAM	25	0	19.79	19.90	19.79	21	3
10	64QAM	25	12	19.79	19.85	19.79		
10	64QAM	25	25	19.75	19.78	19.64		
10	64QAM	50	0	19.77	19.86	19.77		
10	256QAM	1	0	17.82	17.90	17.80	19	5
10	256QAM	1	25	17.76	17.85	17.80		
10	256QAM	1	49	17.73	17.78	17.71		
10	256QAM	25	0	17.78	17.84	17.80	19	5
10	256QAM	25	12	17.65	17.79	17.69		
10	256QAM	25	25	17.63	17.72	17.67		
10	256QAM	50	0	17.67	17.79	17.72		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.77	22.85	22.72	24	0
5	QPSK	1	12	22.74	22.72	22.68		
5	QPSK	1	24	22.65	22.74	22.61		
5	QPSK	12	0	21.76	21.81	21.72	23	1
5	QPSK	12	7	21.69	21.77	21.71		
5	QPSK	12	13	21.69	21.80	21.72		
5	QPSK	25	0	21.69	21.76	21.79		
5	16QAM	1	0	21.72	21.76	21.57	23	1
5	16QAM	1	12	21.60	21.67	21.56		
5	16QAM	1	24	21.54	21.54	21.53		
5	16QAM	12	0	20.82	20.85	20.74	22	2
5	16QAM	12	7	20.74	20.83	20.71		
5	16QAM	12	13	20.56	20.66	20.67		
5	16QAM	25	0	20.70	20.79	20.58		
5	64QAM	1	0	20.59	20.72	20.63	22	2
5	64QAM	1	12	20.59	20.62	20.57		
5	64QAM	1	24	20.54	20.61	20.50		
5	64QAM	12	0	19.67	19.79	19.72	21	3
5	64QAM	12	7	19.71	19.73	19.72		
5	64QAM	12	13	19.71	19.67	19.60		
5	64QAM	25	0	19.63	19.75	19.66		
5	256QAM	1	0	17.71	17.84	17.75	19	5
5	256QAM	1	12	17.66	17.79	17.73		
5	256QAM	1	24	17.65	17.73	17.60		
5	256QAM	12	0	17.69	17.74	17.71	19	5
5	256QAM	12	7	17.56	17.76	17.61		
5	256QAM	12	13	17.53	17.65	17.62		
5	256QAM	25	0	17.61	17.65	17.59		

Band 26 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.82	22.89	22.74	24	0
15	QPSK	1	37	22.79	22.84	22.70		
15	QPSK	1	74	22.68	22.77	22.71		
15	QPSK	36	0	21.68	21.81	21.67	23	1
15	QPSK	36	20	21.73	21.76	21.70		
15	QPSK	36	39	21.60	21.69	21.58		
15	QPSK	75	0	21.65	21.76	21.65		
15	16QAM	1	0	21.57	21.72	21.66	23	1
15	16QAM	1	37	21.63	21.67	21.53		
15	16QAM	1	74	21.48	21.60	21.55		
15	16QAM	36	0	20.67	20.79	20.66	22	2
15	16QAM	36	20	20.69	20.74	20.69		
15	16QAM	36	39	20.56	20.67	20.60		
15	16QAM	75	0	20.58	20.73	20.68		
15	64QAM	1	0	20.55	20.68	20.54	22	2
15	64QAM	1	37	20.49	20.63	20.51		
15	64QAM	1	74	20.51	20.56	20.49		
15	64QAM	36	0	19.71	19.76	19.69	21	3
15	64QAM	36	20	19.60	19.71	19.62		
15	64QAM	36	39	19.50	19.64	19.53		
15	64QAM	75	0	19.58	19.68	19.62		
15	256QAM	1	0	17.67	17.80	17.66	19	5
15	256QAM	1	37	17.66	17.75	17.71		
15	256QAM	1	74	17.64	17.68	17.62		
15	256QAM	36	0	17.62	17.73	17.67	19	5
15	256QAM	36	20	17.61	17.68	17.53		
15	256QAM	36	39	17.55	17.61	17.51		
15	256QAM	75	0	17.58	17.68	17.56		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.73	22.82	22.66	24	0
10	QPSK	1	25	22.70	22.72	22.56		
10	QPSK	1	49	22.54	22.63	22.65		
10	QPSK	25	0	21.57	21.77	21.54	23	1
10	QPSK	25	12	21.68	21.66	21.64		
10	QPSK	25	25	21.49	21.66	21.48		
10	QPSK	50	0	21.52	21.62	21.54		
10	16QAM	1	0	21.48	21.65	21.63	23	1
10	16QAM	1	25	21.50	21.63	21.46		
10	16QAM	1	49	21.35	21.48	21.42		
10	16QAM	25	0	20.55	20.68	20.63	22	2
10	16QAM	25	12	20.59	20.59	20.63		
10	16QAM	25	25	20.53	20.62	20.56		
10	16QAM	50	0	20.45	20.59	20.63		
10	64QAM	1	0	20.48	20.56	20.48	22	2
10	64QAM	1	25	20.40	20.53	20.44		
10	64QAM	1	49	20.37	20.43	20.37		
10	64QAM	25	0	19.64	19.62	19.56	21	3
10	64QAM	25	12	19.54	19.61	19.56		
10	64QAM	25	25	19.40	19.57	19.45		
10	64QAM	50	0	19.44	19.57	19.59		
10	256QAM	1	0	17.60	17.73	17.59	19	5
10	256QAM	1	25	17.63	17.71	17.57		
10	256QAM	1	49	17.57	17.60	17.55		
10	256QAM	25	0	17.54	17.64	17.57	19	5
10	256QAM	25	12	17.52	17.60	17.47		
10	256QAM	25	25	17.49	17.54	17.36		
10	256QAM	50	0	17.45	17.53	17.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.70	22.75	22.69	24	0
5	QPSK	1	12	22.73	22.71	22.61		
5	QPSK	1	24	22.64	22.73	22.57		
5	QPSK	12	0	21.55	21.72	21.56	23	1
5	QPSK	12	7	21.59	21.68	21.64		
5	QPSK	12	13	21.57	21.59	21.47		
5	QPSK	25	0	21.61	21.67	21.60		
5	16QAM	1	0	21.48	21.64	21.62	23	1
5	16QAM	1	12	21.60	21.53	21.48		
5	16QAM	1	24	21.40	21.52	21.48		
5	16QAM	12	0	20.56	20.70	20.53	22	2
5	16QAM	12	7	20.62	20.68	20.56		
5	16QAM	12	13	20.49	20.55	20.45		
5	16QAM	25	0	20.52	20.63	20.58		
5	64QAM	1	0	20.52	20.63	20.41	22	2
5	64QAM	1	12	20.36	20.59	20.36		
5	64QAM	1	24	20.40	20.44	20.46		
5	64QAM	12	0	19.66	19.67	19.64	21	3
5	64QAM	12	7	19.46	19.58	19.53		
5	64QAM	12	13	19.38	19.57	19.38		
5	64QAM	25	0	19.54	19.59	19.51		
5	256QAM	1	0	17.64	17.71	17.60	19	5
5	256QAM	1	12	17.53	17.71	17.66		
5	256QAM	1	24	17.59	17.63	17.47		
5	256QAM	12	0	17.50	17.70	17.53	19	5
5	256QAM	12	7	17.46	17.53	17.39		
5	256QAM	12	13	17.43	17.47	17.46		
5	256QAM	25	0	17.49	17.64	17.46		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.69	22.79	22.60	24	0
3	QPSK	1	8	22.70	22.74	22.67		
3	QPSK	1	14	22.57	22.72	22.56		
3	QPSK	8	0	21.63	21.69	21.56	23	1
3	QPSK	8	4	21.65	21.63	21.65		
3	QPSK	8	7	21.51	21.55	21.55		
3	QPSK	15	0	21.61	21.73	21.51		
3	16QAM	1	0	21.48	21.65	21.58	23	1
3	16QAM	1	8	21.50	21.63	21.41		
3	16QAM	1	14	21.38	21.46	21.50		
3	16QAM	8	0	20.54	20.72	20.55	22	2
3	16QAM	8	4	20.62	20.60	20.60		
3	16QAM	8	7	20.52	20.63	20.54		
3	16QAM	15	0	20.48	20.62	20.60		
3	64QAM	1	0	20.44	20.58	20.40	22	2
3	64QAM	1	8	20.46	20.53	20.42		
3	64QAM	1	14	20.42	20.49	20.43		
3	64QAM	8	0	19.68	19.66	19.60	21	3
3	64QAM	8	4	19.49	19.68	19.51		
3	64QAM	8	7	19.43	19.58	19.48		
3	64QAM	15	0	19.48	19.63	19.52		
3	256QAM	1	0	17.54	17.69	17.57	19	5
3	256QAM	1	8	17.61	17.61	17.58		
3	256QAM	1	14	17.56	17.58	17.50		
3	256QAM	8	0	17.56	17.58	17.62	19	5
3	256QAM	8	4	17.51	17.60	17.44		
3	256QAM	8	7	17.47	17.55	17.38		
3	256QAM	15	0	17.51	17.64	17.51		
Channel				26707	26865	27023	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.77	22.85	22.63	24	0
1.4	QPSK	1	3	22.66	22.80	22.57		
1.4	QPSK	1	5	22.64	22.71	22.66		
1.4	QPSK	3	0	22.74	22.82	22.71		
1.4	QPSK	3	1	22.74	22.76	22.64		
1.4	QPSK	3	3	22.56	22.63	22.56		
1.4	QPSK	6	0	21.65	21.67	21.59	23	1
1.4	16QAM	1	0	21.60	21.69	21.58	23	1
1.4	16QAM	1	3	21.49	21.63	21.51		
1.4	16QAM	1	5	21.54	21.67	21.56		
1.4	16QAM	3	0	21.51	21.58	21.61		
1.4	16QAM	3	1	21.48	21.62	21.38		
1.4	16QAM	3	3	21.38	21.46	21.49		
1.4	16QAM	6	0	20.63	20.66	20.56	22	2
1.4	64QAM	1	0	20.60	20.62	20.62	22	2
1.4	64QAM	1	3	20.42	20.54	20.48		
1.4	64QAM	1	5	20.50	20.60	20.59		
1.4	64QAM	3	0	20.51	20.53	20.43		
1.4	64QAM	3	1	20.38	20.53	20.37		
1.4	64QAM	3	3	20.45	20.45	20.38		
1.4	64QAM	6	0	19.62	19.73	19.57	21	3
1.4	256QAM	1	0	17.54	17.74	17.51	19	5
1.4	256QAM	1	3	17.55	17.71	17.65		
1.4	256QAM	1	5	17.50	17.64	17.54		
1.4	256QAM	3	0	17.53	17.69	17.60		
1.4	256QAM	3	1	17.49	17.57	17.42		
1.4	256QAM	3	3	17.41	17.56	17.36		
1.4	256QAM	6	0	17.45	17.53	17.48	19	5

Band 66 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.26	20.36	20.20	21	0
20	QPSK	1	49	20.22	20.29	20.16		
20	QPSK	1	99	20.15	20.22	20.08		
20	QPSK	50	0	19.24	19.38	19.25	20	1
20	QPSK	50	24	19.21	19.33	19.28		
20	QPSK	50	50	19.16	19.26	19.14		
20	QPSK	100	0	19.21	19.33	19.21		
20	16QAM	1	0	19.27	19.31	19.22	20	1
20	16QAM	1	49	19.15	19.26	19.22		
20	16QAM	1	99	19.12	19.19	19.15		
20	16QAM	50	0	18.38	18.44	18.38	19	2
20	16QAM	50	24	18.29	18.39	18.24		
20	16QAM	50	50	18.29	18.32	18.27		
20	16QAM	100	0	18.31	18.37	18.29		
20	64QAM	1	0	18.18	18.30	18.16	19	2
20	64QAM	1	49	18.21	18.25	18.14		
20	64QAM	1	99	18.04	18.18	18.09		
20	64QAM	50	0	17.34	17.41	17.35	18	3
20	64QAM	50	24	17.29	17.36	17.24		
20	64QAM	50	50	17.16	17.29	17.24		
20	64QAM	100	0	17.26	17.34	17.22		
20	256QAM	1	0	15.34	15.43	15.36	16	5
20	256QAM	1	49	15.27	15.38	15.33		
20	256QAM	1	99	15.20	15.31	15.19		
20	256QAM	50	0	15.28	15.37	15.29	16	5
20	256QAM	50	24	15.26	15.32	15.22		
20	256QAM	50	50	15.20	15.25	15.15		
20	256QAM	100	0	15.21	15.31	15.19		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.09	20.16	20.06	21	0
15	QPSK	1	37	20.06	20.05	20.02		
15	QPSK	1	74	19.94	20.01	19.95		
15	QPSK	36	0	19.20	19.28	19.19	20	1
15	QPSK	36	20	19.16	19.26	19.24		
15	QPSK	36	39	19.08	19.15	19.07		
15	QPSK	75	0	19.14	19.20	19.16		
15	16QAM	1	0	19.22	19.16	19.07	20	1
15	16QAM	1	37	19.01	19.21	19.14		
15	16QAM	1	74	19.02	19.16	19.09		
15	16QAM	36	0	18.28	18.36	18.33	19	2
15	16QAM	36	20	18.21	18.27	18.15		
15	16QAM	36	39	18.21	18.23	18.24		
15	16QAM	75	0	18.23	18.26	18.21		
15	64QAM	1	0	18.13	18.25	18.06	19	2
15	64QAM	1	37	18.08	18.12	18.10		
15	64QAM	1	74	17.91	18.08	17.98		
15	64QAM	36	0	17.21	17.36	17.26	18	3
15	64QAM	36	20	17.18	17.23	17.12		
15	64QAM	36	39	17.05	17.18	17.12		
15	64QAM	75	0	17.14	17.24	17.16		
15	256QAM	1	0	15.27	15.36	15.22	16	5
15	256QAM	1	37	15.12	15.34	15.21		
15	256QAM	1	74	15.07	15.27	15.11		
15	256QAM	36	0	15.20	15.27	15.25	16	5
15	256QAM	36	20	15.19	15.25	15.11		
15	256QAM	36	39	15.08	15.19	15.00		
15	256QAM	75	0	15.17	15.19	15.14		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.09	20.18	19.97	21	0
10	QPSK	1	25	20.01	20.10	19.99		
10	QPSK	1	49	19.91	20.09	19.99		
10	QPSK	25	0	19.13	19.28	19.22	20	1
10	QPSK	25	12	19.11	19.25	19.20		
10	QPSK	25	25	19.03	19.15	19.10		
10	QPSK	50	0	19.07	19.25	19.09		
10	16QAM	1	0	19.19	19.19	19.08	20	1
10	16QAM	1	25	19.04	19.20	19.17		
10	16QAM	1	49	19.05	19.10	19.12		
10	16QAM	25	0	18.33	18.29	18.27	19	2
10	16QAM	25	12	18.15	18.36	18.20		
10	16QAM	25	25	18.17	18.18	18.14		
10	16QAM	50	0	18.24	18.30	18.23		
10	64QAM	1	0	18.12	18.16	18.06	19	2
10	64QAM	1	25	18.17	18.15	18.02		
10	64QAM	1	49	18.01	18.04	18.03		
10	64QAM	25	0	17.20	17.29	17.25	18	3
10	64QAM	25	12	17.15	17.21	17.18		
10	64QAM	25	25	17.10	17.20	17.20		
10	64QAM	50	0	17.18	17.28	17.18		
10	256QAM	1	0	15.22	15.38	15.26	16	5
10	256QAM	1	25	15.19	15.28	15.29		
10	256QAM	1	49	15.13	15.22	15.09		
10	256QAM	25	0	15.18	15.25	15.15	16	5
10	256QAM	25	12	15.16	15.25	15.09		
10	256QAM	25	25	15.16	15.19	15.03		
10	256QAM	50	0	15.17	15.22	15.04		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.04	20.10	19.98	21	0
5	QPSK	1	12	20.08	20.09	20.00		
5	QPSK	1	24	19.97	20.08	19.94		
5	QPSK	12	0	19.14	19.25	19.17	20	1
5	QPSK	12	7	19.08	19.20	19.24		
5	QPSK	12	13	19.05	19.22	19.03		
5	QPSK	25	0	19.07	19.25	19.14		
5	16QAM	1	0	19.19	19.20	19.17	20	1
5	16QAM	1	12	19.02	19.19	19.09		
5	16QAM	1	24	18.97	19.09	19.00		
5	16QAM	12	0	18.25	18.32	18.31	19	2
5	16QAM	12	7	18.15	18.33	18.14		
5	16QAM	12	13	18.24	18.28	18.23		
5	16QAM	25	0	18.17	18.32	18.19		
5	64QAM	1	0	18.15	18.16	18.04	19	2
5	64QAM	1	12	18.17	18.18	18.09		
5	64QAM	1	24	17.90	18.09	18.00		
5	64QAM	12	0	17.26	17.27	17.28	18	3
5	64QAM	12	7	17.15	17.33	17.12		
5	64QAM	12	13	17.09	17.20	17.20		
5	64QAM	25	0	17.17	17.30	17.17		
5	256QAM	1	0	15.23	15.39	15.24	16	5
5	256QAM	1	12	15.14	15.31	15.20		
5	256QAM	1	24	15.13	15.21	15.06		
5	256QAM	12	0	15.25	15.29	15.16	16	5
5	256QAM	12	7	15.12	15.18	15.08		
5	256QAM	12	13	15.15	15.17	15.08		
5	256QAM	25	0	15.08	15.19	15.04		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.06	20.17	20.01	21	0
3	QPSK	1	8	19.99	20.08	19.98		
3	QPSK	1	14	19.91	20.05	19.97	20	1
3	QPSK	8	0	19.14	19.29	19.12		
3	QPSK	8	4	19.09	19.24	19.25		
3	QPSK	8	7	19.09	19.18	19.07		
3	QPSK	15	0	19.14	19.23	19.10		
3	16QAM	1	0	19.24	19.28	19.10	20	1
3	16QAM	1	8	19.06	19.14	19.16		
3	16QAM	1	14	19.03	19.10	19.08		
3	16QAM	8	0	18.32	18.36	18.26	19	2
3	16QAM	8	4	18.15	18.35	18.10		
3	16QAM	8	7	18.17	18.28	18.22		
3	16QAM	15	0	18.16	18.22	18.17		
3	64QAM	1	0	18.03	18.16	18.08	19	2
3	64QAM	1	8	18.07	18.19	18.02		
3	64QAM	1	14	17.99	18.04	17.96		
3	64QAM	8	0	17.30	17.32	17.29	18	3
3	64QAM	8	4	17.24	17.25	17.09		
3	64QAM	8	7	17.13	17.24	17.11		
3	64QAM	15	0	17.16	17.26	17.08		
3	256QAM	1	0	15.28	15.36	15.30	16	5
3	256QAM	1	8	15.22	15.30	15.18		
3	256QAM	1	14	15.17	15.16	15.08		
3	256QAM	8	0	15.17	15.25	15.15	16	5
3	256QAM	8	4	15.22	15.22	15.18		
3	256QAM	8	7	15.05	15.15	15.10		
3	256QAM	15	0	15.07	15.19	15.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.06	20.14	20.01	21	0
1.4	QPSK	1	3	20.01	20.13	19.98		
1.4	QPSK	1	5	20.00	19.97	19.96		
1.4	QPSK	3	0	20.01	20.10	20.02		
1.4	QPSK	3	1	20.01	20.09	19.93		
1.4	QPSK	3	3	19.97	20.01	19.92		
1.4	QPSK	6	0	19.12	19.32	19.15	20	1
1.4	16QAM	1	0	19.15	19.28	19.14	20	1
1.4	16QAM	1	3	19.02	19.12	19.04		
1.4	16QAM	1	5	19.18	19.29	19.16		
1.4	16QAM	3	0	19.22	19.26	19.09		
1.4	16QAM	3	1	19.00	19.15	19.12		
1.4	16QAM	3	3	19.02	19.13	19.05		
1.4	16QAM	6	0	18.27	18.34	18.31	19	2
1.4	64QAM	1	0	18.23	18.32	18.12	19	2
1.4	64QAM	1	3	18.14	18.23	18.12		
1.4	64QAM	1	5	18.20	18.29	18.23		
1.4	64QAM	3	0	18.05	18.20	18.07		
1.4	64QAM	3	1	18.12	18.16	18.10		
1.4	64QAM	3	3	17.90	18.04	17.96		
1.4	64QAM	6	0	17.19	17.36	17.22	18	3
1.4	256QAM	1	0	15.28	15.34	15.28	16	5
1.4	256QAM	1	3	15.19	15.32	15.25		
1.4	256QAM	1	5	15.06	15.22	15.06		
1.4	256QAM	3	0	15.17	15.27	15.23		
1.4	256QAM	3	1	15.11	15.28	15.10		
1.4	256QAM	3	3	15.14	15.10	15.06		
1.4	256QAM	6	0	15.08	15.27	15.05	16	5

Band 38 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.63	20.70	20.57	22	0
20	QPSK	1	49	20.60	20.65	20.53		
20	QPSK	1	99	20.52	20.58	20.48		
20	QPSK	50	0	19.56	19.61	19.50	21	1
20	QPSK	50	24	19.42	19.56	19.40		
20	QPSK	50	50	19.38	19.49	19.34		
20	QPSK	100	0	19.44	19.57	19.51		
20	16QAM	1	0	19.42	19.52	19.39		
20	16QAM	1	49	19.33	19.47	19.42	21	1
20	16QAM	1	99	19.30	19.40	19.35		
20	16QAM	50	0	18.45	18.55	18.47	20	2
20	16QAM	50	24	18.43	18.50	18.39		
20	16QAM	50	50	18.35	18.43	18.39		
20	16QAM	100	0	18.46	18.49	18.45		
20	64QAM	1	0	18.33	18.45	18.35	20	2
20	64QAM	1	49	18.31	18.40	18.32		
20	64QAM	1	99	18.26	18.33	18.26		
20	64QAM	50	0	17.41	17.46	17.35	19	3
20	64QAM	50	24	17.33	17.41	17.27		
20	64QAM	50	50	17.30	17.34	17.19		
20	64QAM	100	0	17.32	17.43	17.38		
20	256QAM	1	0	15.45	15.51	15.40	17	5
20	256QAM	1	49	15.35	15.46	15.31		
20	256QAM	1	99	15.34	15.39	15.28		
20	256QAM	50	0	15.44	15.48	15.42	17	5
20	256QAM	50	24	15.35	15.43	15.31		
20	256QAM	50	50	15.30	15.36	15.25		
20	256QAM	100	0	15.38	15.44	15.29		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.50	20.62	20.50	22	0
15	QPSK	1	37	20.55	20.58	20.40		
15	QPSK	1	74	20.42	20.54	20.35		
15	QPSK	36	0	19.51	19.47	19.36	21	1
15	QPSK	36	20	19.29	19.51	19.35		
15	QPSK	36	39	19.33	19.35	19.21		
15	QPSK	75	0	19.33	19.49	19.39		
15	16QAM	1	0	19.31	19.47	19.34	21	1
15	16QAM	1	37	19.30	19.35	19.37		
15	16QAM	1	74	19.16	19.31	19.24		
15	16QAM	36	0	18.39	18.49	18.39	20	2
15	16QAM	36	20	18.40	18.41	18.31		
15	16QAM	36	39	18.31	18.35	18.26		
15	16QAM	75	0	18.37	18.44	18.39		
15	64QAM	1	0	18.26	18.37	18.26	20	2
15	64QAM	1	37	18.25	18.29	18.20		
15	64QAM	1	74	18.16	18.22	18.13		
15	64QAM	36	0	17.37	17.35	17.24	19	3
15	64QAM	36	20	17.28	17.34	17.21		
15	64QAM	36	39	17.15	17.24	17.13		
15	64QAM	75	0	17.22	17.37	17.29		
15	256QAM	1	0	15.38	15.38	15.32	17	5
15	256QAM	1	37	15.22	15.40	15.21		
15	256QAM	1	74	15.25	15.33	15.22		
15	256QAM	36	0	15.31	15.35	15.37	17	5
15	256QAM	36	20	15.21	15.36	15.28		
15	256QAM	36	39	15.20	15.24	15.16		
15	256QAM	75	0	15.27	15.36	15.19		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.50	20.59	20.52	22	0
10	QPSK	1	25	20.51	20.55	20.42		
10	QPSK	1	49	20.42	20.48	20.34		
10	QPSK	25	0	19.44	19.51	19.41	21	1
10	QPSK	25	12	19.36	19.47	19.39		
10	QPSK	25	25	19.27	19.38	19.30		
10	QPSK	50	0	19.36	19.48	19.48		
10	16QAM	1	0	19.30	19.44	19.30	21	1
10	16QAM	1	25	19.29	19.35	19.36		
10	16QAM	1	49	19.21	19.28	19.28		
10	16QAM	25	0	18.35	18.42	18.35	20	2
10	16QAM	25	12	18.40	18.42	18.26		
10	16QAM	25	25	18.29	18.31	18.32		
10	16QAM	50	0	18.37	18.37	18.32		
10	64QAM	1	0	18.29	18.31	18.21	20	2
10	64QAM	1	25	18.18	18.32	18.27		
10	64QAM	1	49	18.16	18.22	18.19		
10	64QAM	25	0	17.32	17.36	17.22	19	3
10	64QAM	25	12	17.28	17.30	17.23		
10	64QAM	25	25	17.21	17.27	17.15		
10	64QAM	50	0	17.29	17.31	17.25		
10	256QAM	1	0	15.31	15.37	15.30	17	5
10	256QAM	1	25	15.21	15.33	15.27		
10	256QAM	1	49	15.30	15.29	15.14		
10	256QAM	25	0	15.29	15.45	15.32	17	5
10	256QAM	25	12	15.28	15.32	15.17		
10	256QAM	25	25	15.27	15.31	15.14		
10	256QAM	50	0	15.25	15.40	15.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.54	20.57	20.43	22	0
5	QPSK	1	12	20.48	20.55	20.46		
5	QPSK	1	24	20.39	20.49	20.40		
5	QPSK	12	0	19.41	19.58	19.45	21	1
5	QPSK	12	7	19.29	19.48	19.36		
5	QPSK	12	13	19.24	19.41	19.27		
5	QPSK	25	0	19.32	19.49	19.42		
5	16QAM	1	0	19.34	19.48	19.25	21	1
5	16QAM	1	12	19.28	19.35	19.29		
5	16QAM	1	24	19.16	19.37	19.26		
5	16QAM	12	0	18.42	18.42	18.42	20	2
5	16QAM	12	7	18.34	18.36	18.30		
5	16QAM	12	13	18.27	18.35	18.27		
5	16QAM	25	0	18.34	18.38	18.40		
5	64QAM	1	0	18.23	18.34	18.22	20	2
5	64QAM	1	12	18.26	18.27	18.27		
5	64QAM	1	24	18.18	18.30	18.13		
5	64QAM	12	0	17.29	17.43	17.24	19	3
5	64QAM	12	7	17.22	17.37	17.14		
5	64QAM	12	13	17.26	17.23	17.07		
5	64QAM	25	0	17.25	17.36	17.25		
5	256QAM	1	0	15.32	15.48	15.36	17	5
5	256QAM	1	12	15.26	15.36	15.26		
5	256QAM	1	24	15.24	15.32	15.21		
5	256QAM	12	0	15.33	15.44	15.35	17	5
5	256QAM	12	7	15.28	15.33	15.19		
5	256QAM	12	13	15.21	15.27	15.20		
5	256QAM	25	0	15.27	15.38	15.16		

Band 41 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.58	20.65	20.72	20.71	20.63	22	0
20	QPSK	1	49	20.54	20.63	20.72	20.68	20.58		
20	QPSK	1	99	20.49	20.53	20.65	20.50	20.54		
20	QPSK	50	0	19.62	19.62	19.74	19.64	19.69	21	1
20	QPSK	50	24	19.57	19.63	19.69	19.58	19.54		
20	QPSK	50	50	19.51	19.50	19.62	19.47	19.52		
20	QPSK	100	0	19.53	19.59	19.66	19.57	19.59		
20	16QAM	1	0	19.45	19.46	19.58	19.48	19.48		
20	16QAM	1	49	19.35	19.40	19.53	19.44	19.41	21	1
20	16QAM	1	99	19.35	19.34	19.46	19.43	19.32		
20	16QAM	50	0	18.52	18.59	18.70	18.61	18.55	20	2
20	16QAM	50	24	18.50	18.51	18.65	18.56	18.52		
20	16QAM	50	50	18.46	18.49	18.58	18.47	18.53		
20	16QAM	100	0	18.49	18.57	18.64	18.51	18.57		
20	64QAM	1	0	18.46	18.55	18.61	18.48	18.56	20	2
20	64QAM	1	49	18.38	18.42	18.56	18.50	18.45		
20	64QAM	1	99	18.29	18.38	18.49	18.38	18.45		
20	64QAM	50	0	17.53	17.55	17.66	17.55	17.52	19	3
20	64QAM	50	24	17.43	17.55	17.61	17.48	17.56		
20	64QAM	50	50	17.38	17.39	17.54	17.47	17.43		
20	64QAM	100	0	17.50	17.47	17.60	17.48	17.54		
20	256QAM	1	0	15.60	15.67	15.77	15.73	15.70	17	5
20	256QAM	1	49	15.59	15.59	15.72	15.68	15.65		
20	256QAM	1	99	15.47	15.56	15.65	15.50	15.56		
20	256QAM	50	0	15.62	15.61	15.72	15.57	15.62	17	5
20	256QAM	50	24	15.56	15.55	15.67	15.60	15.55		
20	256QAM	50	50	15.45	15.49	15.60	15.48	15.56		
20	256QAM	100	0	15.47	15.50	15.64	15.50	15.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.48	20.54	20.73	20.61	20.50	22.00	0
15	QPSK	1	37	20.43	20.50	20.59	20.60	20.55		
15	QPSK	1	74	20.41	20.44	20.61	20.35	20.47		
15	QPSK	36	0	19.55	19.54	19.67	19.59	19.54	21	1
15	QPSK	36	20	19.50	19.57	19.60	19.45	19.49		
15	QPSK	36	39	19.42	19.38	19.56	19.36	19.47		
15	QPSK	75	0	19.42	19.56	19.62	19.43	19.46		
15	16QAM	1	0	19.34	19.43	19.44	19.35	19.34	21	1
15	16QAM	1	37	19.32	19.29	19.45	19.34	19.28		
15	16QAM	1	74	19.23	19.23	19.33	19.35	19.25		
15	16QAM	36	0	18.38	18.50	18.61	18.57	18.48	20	2
15	16QAM	36	20	18.36	18.47	18.54	18.51	18.45		
15	16QAM	36	39	18.34	18.38	18.46	18.39	18.47		
15	16QAM	75	0	18.38	18.48	18.51	18.41	18.47		
15	64QAM	1	0	18.39	18.48	18.58	18.38	18.50	20	2
15	64QAM	1	37	18.30	18.39	18.50	18.44	18.36		
15	64QAM	1	74	18.17	18.25	18.37	18.35	18.32		
15	64QAM	36	0	17.41	17.43	17.58	17.48	17.49	19	3
15	64QAM	36	20	17.33	17.43	17.54	17.38	17.45		
15	64QAM	36	39	17.24	17.29	17.49	17.40	17.36		
15	64QAM	75	0	17.39	17.37	17.45	17.42	17.39		
15	256QAM	1	0	15.52	15.62	15.70	15.64	15.64	17	5
15	256QAM	1	37	15.45	15.48	15.63	15.56	15.55		
15	256QAM	1	74	15.34	15.44	15.54	15.44	15.46		
15	256QAM	36	0	15.48	15.53	15.65	15.53	15.58	17	5
15	256QAM	36	20	15.51	15.47	15.53	15.48	15.47		
15	256QAM	36	39	15.38	15.41	15.50	15.40	15.47		
15	256QAM	75	0	15.36	15.46	15.57	15.44	15.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.51	20.58	20.71	20.56	20.54	22.00	0
10	QPSK	1	25	20.45	20.49	20.57	20.63	20.54		
10	QPSK	1	49	20.36	20.39	20.56	20.41	20.48		
10	QPSK	25	0	19.59	19.54	19.70	19.57	19.55	21	1
10	QPSK	25	12	19.45	19.52	19.58	19.44	19.49		
10	QPSK	25	25	19.36	19.42	19.59	19.40	19.38		
10	QPSK	50	0	19.40	19.53	19.57	19.42	19.49		
10	16QAM	1	0	19.40	19.32	19.53	19.36	19.43	21	1
10	16QAM	1	25	19.24	19.34	19.47	19.34	19.34		
10	16QAM	1	49	19.25	19.28	19.32	19.40	19.19		
10	16QAM	25	0	18.45	18.53	18.62	18.48	18.45	20	2
10	16QAM	25	12	18.45	18.42	18.56	18.49	18.45		
10	16QAM	25	25	18.32	18.42	18.52	18.36	18.43		
10	16QAM	50	0	18.40	18.44	18.50	18.39	18.48		
10	64QAM	1	0	18.42	18.42	18.52	18.40	18.43	20	2
10	64QAM	1	25	18.30	18.28	18.48	18.45	18.31		
10	64QAM	1	49	18.16	18.34	18.38	18.29	18.41		
10	64QAM	25	0	17.41	17.41	17.61	17.45	17.38	19	3
10	64QAM	25	12	17.36	17.42	17.55	17.44	17.46		
10	64QAM	25	25	17.28	17.27	17.48	17.38	17.38		
10	64QAM	50	0	17.35	17.40	17.46	17.43	17.39		
10	256QAM	1	0	15.51	15.62	15.64	15.66	15.57	17	5
10	256QAM	1	25	15.49	15.52	15.61	15.54	15.53		
10	256QAM	1	49	15.36	15.45	15.51	15.44	15.50		
10	256QAM	25	0	15.57	15.52	15.61	15.52	15.58	17	5
10	256QAM	25	12	15.44	15.51	15.55	15.48	15.40		
10	256QAM	25	25	15.36	15.41	15.52	15.36	15.44		
10	256QAM	50	0	15.42	15.45	15.52	15.39	15.43		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.49	20.55	20.66	20.62	20.59	22.00	0
5	QPSK	1	12	20.45	20.49	20.63	20.56	20.50		
5	QPSK	1	24	20.41	20.40	20.55	20.36	20.43		
5	QPSK	12	0	19.48	19.42	19.63	19.51	19.63	21	1
5	QPSK	12	7	19.52	19.51	19.55	19.55	19.45		
5	QPSK	12	13	19.36	19.39	19.55	19.34	19.48		
5	QPSK	25	0	19.49	19.52	19.56	19.52	19.45		
5	16QAM	1	0	19.37	19.35	19.44	19.38	19.39	21	1
5	16QAM	1	12	19.28	19.26	19.45	19.34	19.27		
5	16QAM	1	24	19.26	19.22	19.39	19.36	19.26		
5	16QAM	12	0	18.45	18.48	18.59	18.52	18.52	20	2
5	16QAM	12	7	18.38	18.39	18.54	18.49	18.45		
5	16QAM	12	13	18.35	18.39	18.47	18.39	18.44		
5	16QAM	25	0	18.42	18.47	18.58	18.39	18.46		
5	64QAM	1	0	18.36	18.41	18.56	18.44	18.47	20	2
5	64QAM	1	12	18.29	18.31	18.50	18.46	18.35		
5	64QAM	1	24	18.20	18.34	18.46	18.26	18.31		
5	64QAM	12	0	17.41	17.44	17.60	17.41	17.39	19	3
5	64QAM	12	7	17.30	17.46	17.47	17.36	17.45		
5	64QAM	12	13	17.31	17.25	17.40	17.39	17.39		
5	64QAM	25	0	17.39	17.42	17.55	17.38	17.46		
5	256QAM	1	0	15.54	15.63	15.63	15.67	15.59	17	5
5	256QAM	1	12	15.44	15.54	15.69	15.63	15.59		
5	256QAM	1	24	15.34	15.49	15.60	15.44	15.42		
5	256QAM	12	0	15.53	15.52	15.69	15.43	15.56	17	5
5	256QAM	12	7	15.52	15.41	15.55	15.47	15.47		
5	256QAM	12	13	15.35	15.39	15.53	15.40	15.43		
5	256QAM	25	0	15.33	15.40	15.49	15.37	15.45		

Band 41 HPUE Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.57	23.61	23.76	23.74	23.68	25	0
20	QPSK	1	49	23.56	23.61	23.67	23.64	23.53		
20	QPSK	1	99	23.47	23.47	23.70	23.47	23.50		
20	QPSK	50	0	22.65	22.59	22.74	22.63	22.67	24	1
20	QPSK	50	24	22.57	22.62	22.70	22.61	22.49		
20	QPSK	50	50	22.52	22.49	22.67	22.52	22.48		
20	QPSK	100	0	22.56	22.54	22.70	22.61	22.55		
20	16QAM	1	0	22.51	22.51	22.62	22.48	22.51	24	1
20	16QAM	1	49	22.33	22.41	22.52	22.46	22.43		
20	16QAM	1	99	22.37	22.30	22.45	22.42	22.27		
20	16QAM	50	0	21.53	21.64	21.75	21.60	21.50	23	2
20	16QAM	50	24	21.52	21.50	21.68	21.58	21.50		
20	16QAM	50	50	21.47	21.45	21.60	21.49	21.49		
20	16QAM	100	0	21.47	21.62	21.61	21.56	21.59		
20	64QAM	1	0	21.45	21.51	21.59	21.46	21.58	23	2
20	64QAM	1	49	21.41	21.37	21.53	21.53	21.44		
20	64QAM	1	99	21.32	21.42	21.48	21.42	21.41		
20	64QAM	50	0	20.58	20.55	20.62	20.54	20.52	22	3
20	64QAM	50	24	20.42	20.49	20.60	20.46	20.51		
20	64QAM	50	50	20.42	20.39	20.55	20.44	20.43		
20	64QAM	100	0	20.53	20.51	20.64	20.44	20.54		
20	256QAM	1	0	18.57	18.67	18.82	18.68	18.64	20	5
20	256QAM	1	49	18.60	18.64	18.71	18.68	18.66		
20	256QAM	1	99	18.42	18.55	18.64	18.52	18.53		
20	256QAM	50	0	18.58	18.59	18.73	18.52	18.61	20	5
20	256QAM	50	24	18.56	18.53	18.64	18.55	18.50		
20	256QAM	50	50	18.42	18.54	18.56	18.49	18.59		
20	256QAM	100	0	18.48	18.52	18.62	18.46	18.61		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.52	23.54	23.63	23.61	23.58	25.00	0
15	QPSK	1	37	23.41	23.46	23.52	23.51	23.39		
15	QPSK	1	74	23.37	23.38	23.63	23.34	23.39		
15	QPSK	36	0	22.60	22.47	22.60	22.53	22.59	24	1
15	QPSK	36	20	22.50	22.53	22.59	22.49	22.43		
15	QPSK	36	39	22.46	22.44	22.62	22.42	22.38		
15	QPSK	75	0	22.43	22.50	22.57	22.52	22.45		
15	16QAM	1	0	22.36	22.41	22.52	22.38	22.35	24	1
15	16QAM	1	37	22.20	22.36	22.40	22.33	22.35		
15	16QAM	1	74	22.26	22.19	22.38	22.32	22.17		
15	16QAM	36	0	21.46	21.51	21.61	21.45	21.43	23	2
15	16QAM	36	20	21.45	21.34	21.55	21.46	21.40		
15	16QAM	36	39	21.34	21.33	21.47	21.37	21.39		
15	16QAM	75	0	21.35	21.47	21.48	21.47	21.45		
15	64QAM	1	0	21.34	21.36	21.46	21.36	21.54	23	2
15	64QAM	1	37	21.32	21.33	21.38	21.47	21.40		
15	64QAM	1	74	21.23	21.33	21.34	21.29	21.27		
15	64QAM	36	0	20.52	20.46	20.51	20.39	20.42	22	3
15	64QAM	36	20	20.37	20.34	20.50	20.32	20.38		
15	64QAM	36	39	20.36	20.34	20.46	20.30	20.38		
15	64QAM	75	0	20.37	20.39	20.55	20.32	20.43		
15	256QAM	1	0	18.45	18.61	18.76	18.60	18.50	20	5
15	256QAM	1	37	18.54	18.49	18.56	18.60	18.57		
15	256QAM	1	74	18.28	18.47	18.56	18.45	18.44		
15	256QAM	36	0	18.42	18.46	18.66	18.48	18.56	20	5
15	256QAM	36	20	18.49	18.46	18.58	18.44	18.45		
15	256QAM	36	39	18.26	18.48	18.50	18.38	18.45		
15	256QAM	75	0	18.34	18.48	18.55	18.38	18.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.51	23.51	23.70	23.69	23.54	25.00	0
10	QPSK	1	25	23.42	23.55	23.57	23.48	23.39		
10	QPSK	1	49	23.32	23.37	23.62	23.40	23.37		
10	QPSK	25	0	22.52	22.52	22.64	22.55	22.54	24	1
10	QPSK	25	12	22.51	22.58	22.56	22.47	22.41		
10	QPSK	25	25	22.44	22.40	22.58	22.47	22.41		
10	QPSK	50	0	22.46	22.41	22.64	22.55	22.47	24	1
10	16QAM	1	0	22.38	22.47	22.55	22.43	22.44		
10	16QAM	1	25	22.21	22.30	22.42	22.36	22.36		
10	16QAM	1	49	22.24	22.19	22.30	22.29	22.12		
10	16QAM	25	0	21.43	21.57	21.59	21.54	21.45	23	2
10	16QAM	25	12	21.36	21.44	21.54	21.48	21.43		
10	16QAM	25	25	21.36	21.33	21.44	21.34	21.34		
10	16QAM	50	0	21.36	21.56	21.46	21.43	21.54		
10	64QAM	1	0	21.30	21.45	21.49	21.38	21.54	23	2
10	64QAM	1	25	21.28	21.24	21.48	21.49	21.40		
10	64QAM	1	49	21.17	21.30	21.38	21.37	21.34		
10	64QAM	25	0	20.45	20.40	20.

Band 42 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.62	20.74	20.67	22	0
20	QPSK	1	49	20.60	20.72	20.64		
20	QPSK	1	99	20.56	20.65	20.52		
20	QPSK	50	0	19.70	19.74	19.70	21	1
20	QPSK	50	24	19.61	19.69	19.60		
20	QPSK	50	50	19.55	19.62	19.53		
20	QPSK	100	0	19.59	19.66	19.53		
20	16QAM	1	0	19.53	19.58	19.47	21	1
20	16QAM	1	49	19.40	19.53	19.42		
20	16QAM	1	99	19.38	19.46	19.37		
20	16QAM	50	0	18.59	18.70	18.61	20	2
20	16QAM	50	24	18.55	18.65	18.53		
20	16QAM	50	50	18.54	18.58	18.55		
20	16QAM	100	0	18.55	18.64	18.54		
20	64QAM	1	0	18.52	18.61	18.51	20	2
20	64QAM	1	49	18.50	18.56	18.49		
20	64QAM	1	99	18.43	18.49	18.43		
20	64QAM	50	0	17.55	17.66	17.54	19	3
20	64QAM	50	24	17.48	17.61	17.48		
20	64QAM	50	50	17.39	17.54	17.45		
20	64QAM	100	0	17.50	17.60	17.55		
20	256QAM	1	0	15.69	15.77	15.68	17	5
20	256QAM	1	49	15.61	15.72	15.68		
20	256QAM	1	99	15.57	15.65	15.57		
20	256QAM	50	0	15.69	15.72	15.57	17	5
20	256QAM	50	24	15.56	15.67	15.59		
20	256QAM	50	50	15.53	15.60	15.47		
20	256QAM	100	0	15.60	15.64	15.58		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.56	20.61	20.54	22	0
15	QPSK	1	37	20.50	20.58	20.55		
15	QPSK	1	74	20.43	20.58	20.47		
15	QPSK	36	0	19.60	19.68	19.65	21	1
15	QPSK	36	20	19.52	19.54	19.54		
15	QPSK	36	39	19.41	19.54	19.46		
15	QPSK	75	0	19.44	19.58	19.44		
15	16QAM	1	0	19.40	19.44	19.33	21	1
15	16QAM	1	37	19.37	19.42	19.29		
15	16QAM	1	74	19.25	19.42	19.28		
15	16QAM	36	0	18.48	18.57	18.46	20	2
15	16QAM	36	20	18.46	18.52	18.38		
15	16QAM	36	39	18.44	18.51	18.46		
15	16QAM	75	0	18.48	18.53	18.43		
15	64QAM	1	0	18.47	18.57	18.44	20	2
15	64QAM	1	37	18.37	18.49	18.38		
15	64QAM	1	74	18.30	18.40	18.35		
15	64QAM	36	0	17.52	17.59	17.47	19	3
15	64QAM	36	20	17.41	17.54	17.41		
15	64QAM	36	39	17.24	17.42	17.35		
15	64QAM	75	0	17.39	17.46	17.47		
15	256QAM	1	0	15.66	15.64	15.61	17	5
15	256QAM	1	37	15.56	15.57	15.60		
15	256QAM	1	74	15.53	15.54	15.49		
15	256QAM	36	0	15.63	15.60	15.45	17	5
15	256QAM	36	20	15.46	15.64	15.49		
15	256QAM	36	39	15.45	15.56	15.38		
15	256QAM	75	0	15.46	15.51	15.54		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.54	20.69	20.56	22	0
10	QPSK	1	25	20.52	20.58	20.50		
10	QPSK	1	49	20.53	20.51	20.38		
10	QPSK	25	0	19.59	19.67	19.55	21	1
10	QPSK	25	12	19.52	19.64	19.56		
10	QPSK	25	25	19.50	19.53	19.40		
10	QPSK	50	0	19.50	19.55	19.48		
10	16QAM	1	0	19.38	19.50	19.43	21	1
10	16QAM	1	25	19.33	19.48	19.29		
10	16QAM	1	49	19.25	19.34	19.32		
10	16QAM	25	0	18.52	18.58	18.52	20	2
10	16QAM	25	12	18.51	18.60	18.44		
10	16QAM	25	25	18.41	18.54	18.40		
10	16QAM	50	0	18.40	18.52	18.40		
10	64QAM	1	0	18.49	18.52	18.40	20	2
10	64QAM	1	25	18.42	18.47	18.37		
10	64QAM	1	49	18.39	18.42	18.36		
10	64QAM	25	0	17.44	17.56	17.40	19	3
10	64QAM	25	12	17.37	17.51	17.43		
10	64QAM	25	25	17.31	17.41	17.35		
10	64QAM	50	0	17.43	17.57	17.41		
10	256QAM	1	0	15.59	15.71	15.60	17	5
10	256QAM	1	25	15.56	15.67	15.58		
10	256QAM	1	49	15.44	15.60	15.44		
10	256QAM	25	0	15.58	15.68	15.54	17	5
10	256QAM	25	12	15.47	15.63	15.48		
10	256QAM	25	25	15.40	15.46	15.39		
10	256QAM	50	0	15.54	15.53	15.43		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.50	20.65	20.62	22	0
5	QPSK	1	12	20.48	20.59	20.54		
5	QPSK	1	24	20.52	20.54	20.43		
5	QPSK	12	0	19.58	19.68	19.64	21	1
5	QPSK	12	7	19.47	19.61	19.47		
5	QPSK	12	13	19.42	19.54	19.39		
5	QPSK	25	0	19.54	19.56	19.45		
5	16QAM	1	0	19.46	19.44	19.37	21	1
5	16QAM	1	12	19.26	19.40	19.38		
5	16QAM	1	24	19.29	19.35	19.23		
5	16QAM	12	0	18.45	18.65	18.57	20	2
5	16QAM	12	7	18.49	18.58	18.49		
5	16QAM	12	13	18.42	18.53	18.50		
5	16QAM	25	0	18.50	18.57	18.50		
5	64QAM	1	0	18.40	18.46	18.38	20	2
5	64QAM	1	12	18.43	18.44	18.39		
5	64QAM	1	24	18.29	18.37	18.32		
5	64QAM	12	0	17.43	17.58	17.45	19	3
5	64QAM	12	7	17.40	17.55	17.44		
5	64QAM	12	13	17.35	17.50	17.34		
5	64QAM	25	0	17.46	17.46	17.44		
5	256QAM	1	0	15.62	15.67	15.59	17	5
5	256QAM	1	12	15.52	15.64	15.53		
5	256QAM	1	24	15.44	15.55	15.50		
5	256QAM	12	0	15.59	15.61	15.53	17	5
5	256QAM	12	7	15.51	15.57	15.48		
5	256QAM	12	13	15.50	15.51	15.43		
5	256QAM	25	0	15.57	15.55	15.51		

Band 42 Part 96 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	20.44	20.61	20.51	22	0
20	QPSK	1	49	20.50	20.58	20.54		
20	QPSK	1	99	20.38	20.52	20.41		
20	QPSK	50	0	19.52	19.68	19.53	21	1
20	QPSK	50	24	19.44	19.60	19.57		
20	QPSK	50	50	19.40	19.47	19.41		
20	QPSK	100	0	19.52	19.54	19.44		
20	16QAM	1	0	19.39	19.43	19.37	21	1
20	16QAM	1	49	19.26	19.40	19.37		
20	16QAM	1	99	19.33	19.32	19.23		
20	16QAM	50	0	18.57	18.54	18.57	20	2
20	16QAM	50	24	18.47	18.52	18.48		
20	16QAM	50	50	18.38	18.41	18.48		
20	16QAM	100	0	18.42	18.53	18.40		
20	64QAM	1	0	18.42	18.51	18.34	20	2
20	64QAM	1	49	18.36	18.52	18.36		
20	64QAM	1	99	18.26	18.31	18.32		
20	64QAM	50	0	17.41	17.60	17.50	19	3
20	64QAM	50	24	17.32	17.58	17.41		
20	64QAM	50	50	17.29	17.52	17.39		
20	64QAM	100	0	17.43	17.55	17.43		
20	256QAM	1	0	15.66	15.64	15.63	17	5
20	256QAM	1	49	15.55	15.54	15.52		
20	256QAM	1	99	15.49	15.62	15.42		
20	256QAM	50	0	15.60	15.62	15.52	17	5
20	256QAM	50	24	15.49	15.59	15.50		
20	256QAM	50	50	15.45	15.43	15.43		
20	256QAM	100	0	15.48	15.49	15.51		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	20.40	20.57	20.39	22	0
15	QPSK	1	37	20.35	20.53	20.40		
15	QPSK	1	74	20.36	20.43	20.37		
15	QPSK	36	0	19.45	19.56	19.46	21	1
15	QPSK	36	20	19.29	19.55	19.45		
15	QPSK	36	39	19.29	19.44	19.39		
15	QPSK	75	0	19.49	19.46	19.37		
15	16QAM	1	0	19.32	19.31	19.33	21	1
15	16QAM	1	37	19.20	19.27	19.35		
15	16QAM	1	74	19.22	19.23	19.15		
15	16QAM	36	0	18.46	18.45	18.52	20	2
15	16QAM	36	20	18.42	18.38	18.45		
15	16QAM	36	39	18.29	18.31	18.35		
15	16QAM	75	0	18.28	18.39	18.27		
15	64QAM	1	0	18.33	18.39	18.28	20	2
15	64QAM	1	37	18.32	18.48	18.24		
15	64QAM	1	74	18.18	18.23	18.24		
15	64QAM	36	0	17.37	17.46	17.36	19	3
15	64QAM	36	20	17.15	17.57	17.30		
15	64QAM	36	39	17.22	17.37	17.26		
15	64QAM	75	0	17.35	17.51	17.39		
15	256QAM	1	0	15.52	15.51	15.58	17	5
15	256QAM	1	37	15.38	15.50	15.41		
15	256QAM	1	74	15.34	15.49	15.37		
15	256QAM	36	0	15.43	15.51	15.50	17	5
15	256QAM	36	20	15.40	15.57	15.47		
15	256QAM	36	39	15.30	15.32	15.37		
15	256QAM	75	0	15.46	15.32	15.46		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	20.30	20.59	20.46	22	0
10	QPSK	1	25	20.46	20.52	20.39		
10	QPSK	1	49	20.28	20.35	20.34		
10	QPSK	25	0	19.37	19.56	19.51	21	1
10	QPSK	25	12	19.41	19.46	19.55		
10	QPSK	25	25	19.39	19.34	19.32		
10	QPSK	50	0	19.42	19.48	19.35		
10	16QAM	1	0	19.28	19.31	19.26	21	1
10	16QAM	1	25	19.11	19.26	19.28		
10	16QAM	1	49	19.20	19.17	19.18		
10	16QAM	25	0	18.44	18.46	18.49	20	2
10	16QAM	25	12	18.39	18.36	18.36		
10	16QAM	25	25	18.30	18.24	18.36		
10	16QAM	50	0	18.26	18.37	18.31		
10	64QAM	1	0	18.33	18.42	18.20	20	2
10	64QAM	1	25	18.28	18.45	18.21		
10	64QAM	1	49	18.12	18.29	18.16		
10	64QAM	25	0	17.27	17.48	17.35	19	3
10	64QAM	25	12	17.23	17.43	17.30		
10	64QAM	25	25	17.24	17.44	17.24		
10	64QAM	50	0	17.28	17.45	17.30		
10	256QAM	1	0	15.65	15.51	15.50	17	5
10	256QAM	1	25	15.46	15.46	15.47		
10	256QAM	1	49	15.45	15.58	15.28		
10	256QAM	25	0	15.56	15.49	15.41	17	5
10	256QAM	25	12	15.33	15.46	15.43		
10	256QAM	25	25	15.41	15.38	15.32		
10	256QAM	50	0	15.37	15.45	15.44		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	20.42	20.59	20.41	22	0
5	QPSK	1	12	20.37	20.56	20.38		
5	QPSK	1	24	20.29	20.50	20.27		
5	QPSK	12	0	19.46	19.55	19.50	21	1
5	QPSK	12	7	19.37	19.45	19.47		
5	QPSK	12	13	19.32	19.40	19.34		
5	QPSK	25	0	19.42	19.48	19.35		
5	16QAM	1	0	19.28	19.27	19.24	21	1
5	16QAM	1	12	19.16	19.24	19.35		
5	16QAM	1	24	19.26	19.28	19.07		
5	16QAM	12	0	18.46	18.37	18.48	20	2
5	16QAM	12	7	18.36	18.35	18.43		
5	16QAM	12	13	18.34	18.37	18.43		
5	16QAM	25	0	18.32	18.51	18.29		
5	64QAM	1	0	18.36	18.42	18.31	20	2
5	64QAM	1	12	18.29	18.36	18.25		
5	64QAM	1	24	18.12	18.18	18.15		
5	64QAM	12	0	17.31	17.48	17.47	19	3
5	64QAM	12	7	17.23	17.47	17.28		
5	64QAM	12	13	17.26	17.39	17.35		
5	64QAM	25	0	17.38	17.51	17.37		
5	256QAM	1	0	15.64	15.54	15.59	17	5
5	256QAM	1	12	15.47	15.41	15.45		
5	256QAM	1	24	15.36	15.53	15.39		
5	256QAM	12	0	15.48	15.49	15.41	17	5
5	256QAM	12	7	15.37	15.53	15.35		
5	256QAM	12	13	15.33	15.29	15.41		
5	256QAM	25	0	15.35	15.38	15.47		

Band 43 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3813	3850	3890		
20	QPSK	1	0	20.63	20.67	20.55	22	0
20	QPSK	1	49	20.58	20.62	20.52		
20	QPSK	1	99	20.40	20.55	20.44		
20	QPSK	50	0	19.49	19.59	19.47	21	1
20	QPSK	50	24	19.41	19.54	19.49		
20	QPSK	50	50	19.38	19.47	19.41		
20	QPSK	100	0	19.49	19.53	19.45		
20	16QAM	1	0	19.34	19.47	19.41	21	1
20	16QAM	1	49	19.29	19.42	19.33		
20	16QAM	1	99	19.28	19.35	19.24		
20	16QAM	50	0	18.47	18.51	18.37	20	2
20	16QAM	50	24	18.37	18.46	18.40		
20	16QAM	50	50	18.25	18.39	18.24		
20	16QAM	100	0	18.31	18.46	18.38		
20	64QAM	1	0	18.38	18.43	18.36	20	2
20	64QAM	1	49	18.29	18.38	18.34		
20	64QAM	1	99	18.18	18.31	18.23		
20	64QAM	50	0	17.32	17.44	17.36	19	3
20	64QAM	50	24	17.25	17.39	17.28		
20	64QAM	50	50	17.18	17.32	17.25		
20	64QAM	100	0	17.34	17.41	17.29		
20	256QAM	1	0	15.40	15.52	15.44	17	5
20	256QAM	1	49	15.34	15.47	15.40		
20	256QAM	1	99	15.37	15.40	15.32		
20	256QAM	50	0	15.37	15.45	15.33	17	5
20	256QAM	50	24	15.26	15.40	15.32		
20	256QAM	50	50	15.25	15.33	15.29		
20	256QAM	100	0	15.33	15.38	15.27		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3827.5	3850	3892.5		
15	QPSK	1	0	20.57	20.64	20.40	22	0
15	QPSK	1	37	20.45	20.51	20.47		
15	QPSK	1	74	20.30	20.50	20.34		
15	QPSK	36	0	19.35	19.55	19.34	21	1
15	QPSK	36	20	19.28	19.41	19.38		
15	QPSK	36	39	19.32	19.41	19.27		
15	QPSK	75	0	19.37	19.39	19.39		
15	16QAM	1	0	19.27	19.42	19.37	21	1
15	16QAM	1	37	19.17	19.36	19.20		
15	16QAM	1	74	19.14	19.29	19.19		
15	16QAM	36	0	18.37	18.38	18.30	20	2
15	16QAM	36	20	18.28	18.40	18.31		
15	16QAM	36	39	18.19	18.27	18.15		
15	16QAM	75	0	18.28	18.32	18.31		
15	64QAM	1	0	18.33	18.33	18.23	20	2
15	64QAM	1	37	18.21	18.32	18.21		
15	64QAM	1	74	18.11	18.28	18.17		
15	64QAM	36	0	17.28	17.35	17.33	19	3
15	64QAM	36	20	17.18	17.26	17.18		
15	64QAM	36	39	17.10	17.18	17.16		
15	64QAM	75	0	17.27	17.28	17.24		
15	256QAM	1	0	15.26	15.44	15.31	17	5
15	256QAM	1	37	15.30	15.36	15.32		
15	256QAM	1	74	15.33	15.29	15.20		
15	256QAM	36	0	15.26	15.37	15.22	17	5
15	256QAM	36	20	15.20	15.33	15.24		
15	256QAM	36	39	15.18	15.19	15.17		
15	256QAM	75	0	15.22	15.31	15.14		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3805	3850	3895		
10	QPSK	1	0	20.49	20.56	20.52	22	0
10	QPSK	1	25	20.45	20.55	20.45		
10	QPSK	1	49	20.25	20.46	20.33		
10	QPSK	25	0	19.42	19.50	19.43	21	1
10	QPSK	25	12	19.27	19.43	19.37		
10	QPSK	25	25	19.26	19.43	19.37		
10	QPSK	50	0	19.40	19.48	19.34		
10	16QAM	1	0	19.25	19.37	19.26	21	1
10	16QAM	1	25	19.20	19.28	19.26		
10	16QAM	1	49	19.20	19.20	19.16		
10	16QAM	25	0	18.35	18.47	18.23	20	2
10	16QAM	25	12	18.31	18.38	18.35		
10	16QAM	25	25	18.14	18.32	18.13		
10	16QAM	50	0	18.26	18.39	18.29		
10	64QAM	1	0	18.25	18.39	18.28	20	2
10	64QAM	1	25	18.22	18.28	18.24		
10	64QAM	1	49	18.08	18.23	18.11		
10	64QAM	25	0	17.20	17.35	17.25	19	3
10	64QAM	25	12	17.19	17.31	17.25		
10	64QAM	25	25	17.12	17.19	17.22		
10	64QAM	50	0	17.27	17.37	17.22		
10	256QAM	1	0	15.30	15.41	15.38	17	5
10	256QAM	1	25	15.24	15.38	15.27		
10	256QAM	1	49	15.30	15.25	15.23		
10	256QAM	25	0	15.31	15.31	15.29	17	5
10	256QAM	25	12	15.12	15.29	15.22		
10	256QAM	25	25	15.10	15.22	15.23		
10	256QAM	50	0	15.23	15.31	15.17		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3802.5	3850	3897.5		
5	QPSK	1	0	20.55	20.58	20.51	22	0
5	QPSK	1	12	20.51	20.57	20.44		
5	QPSK	1	24	20.35	20.51	20.36		
5	QPSK	12	0	19.35	19.45	19.32	21	1
5	QPSK	12	7	19.34	19.40	19.40		
5	QPSK	12	13	19.25	19.41	19.32		
5	QPSK	25	0	19.41	19.44	19.36		
5	16QAM	1	0	19.28	19.41	19.29	21	1
5	16QAM	1	12	19.21	19.36	19.29		
5	16QAM	1	24	19.25	19.23	19.20		
5	16QAM	12	0	18.41	18.37	18.24	20	2
5	16QAM	12	7	18.23	18.41	18.30		
5	16QAM	12	13	18.16	18.28	18.13		
5	16QAM	25	0	18.20	18.32	18.29		
5	64QAM	1	0	18.32	18.32	18.28	20	2
5	64QAM	1	12	18.18	18.28	18.29		
5	64QAM	1	24	18.12	18.25	18.09		
5	64QAM	12	0	17.20	17.33	17.23	19	3
5	64QAM	12	7	17.15	17.28	17.19		
5	64QAM	12	13	17.05	17.21	17.15		
5	64QAM	25	0	17.24	17.26	17.20		
5	256QAM	1	0	15.34	15.48	15.36	17	5
5	256QAM	1	12	15.29	15.34	15.26		
5	256QAM	1	24	15.25	15.36	15.22		
5	256QAM	12	0	15.26	15.35	15.22	17	5
5	256QAM	12	7	15.22	15.25	15.24		
5	256QAM	12	13	15.12	15.23	15.19		
5	256QAM	25	0	15.27	15.24	15.24		

Band 48 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3640	3689	3641	3690		
20	QPSK	1	0	20.77	20.84	20.71	20.67		
20	QPSK	1	49	20.71	20.79	20.67	20.62	22	0
20	QPSK	1	99	20.69	20.72	20.59	20.58		
20	QPSK	50	0	20.51	20.64	20.54	20.56		
20	QPSK	50	24	20.55	20.59	20.49	20.55	21	1
20	QPSK	50	50	20.43	20.52	20.42	20.39		
20	QPSK	100	0	20.56	20.61	20.54	20.52		
20	16QAM	1	0	20.49	20.59	20.53	20.45		
20	16QAM	1	49	20.49	20.54	20.47	20.43	21	1
20	16QAM	1	99	20.43	20.47	20.35	20.41		
20	16QAM	50	0	19.51	19.63	19.60	19.54		
20	16QAM	50	24	19.54	19.58	19.52	19.44	20	2
20	16QAM	50	50	19.46	19.51	19.41	19.48		
20	16QAM	100	0	19.46	19.58	19.51	19.55		
20	64QAM	1	0	19.49	19.60	19.54	19.45		
20	64QAM	1	49	19.45	19.55	19.41	19.43	20	2
20	64QAM	1	99	19.36	19.48	19.41	19.40		
20	64QAM	50	0	18.70	18.73	18.67	18.69		
20	64QAM	50	24	18.54	18.68	18.64	18.58	19	3
20	64QAM	50	50	18.51	18.61	18.56	18.52		
20	64QAM	100	0	18.61	18.69	18.56	18.56		
20	256QAM	1	0	16.69	16.74	16.61	16.66		
20	256QAM	1	49	16.66	16.69	16.61	16.65	17	5
20	256QAM	1	99	16.52	16.62	16.48	16.53		
20	256QAM	50	0	16.60	16.66	16.57	16.63		
20	256QAM	50	24	16.52	16.61	16.54	16.55	17	5
20	256QAM	50	50	16.39	16.54	16.41	16.44		
20	256QAM	100	0	16.57	16.61	16.50	16.55		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3637.5	3688	3642	3692.5		
15	QPSK	1	0	20.71	20.77	20.62	20.59		
15	QPSK	1	37	20.60	20.69	20.60	20.51	22	0
15	QPSK	1	74	20.60	20.62	20.55	20.49		
15	QPSK	36	0	20.48	20.50	20.48	20.47		
15	QPSK	36	20	20.44	20.49	20.45	20.40	21	1
15	QPSK	36	39	20.33	20.40	20.33	20.32		
15	QPSK	75	0	20.42	20.55	20.43	20.46		
15	16QAM	1	0	20.44	20.55	20.44	20.32		
15	16QAM	1	37	20.40	20.50	20.35	20.36	21	1
15	16QAM	1	74	20.34	20.39	20.21	20.28		
15	16QAM	36	0	19.46	19.51	19.45	19.46		
15	16QAM	36	20	19.48	19.51	19.47	19.30	20	2
15	16QAM	36	39	19.39	19.40	19.26	19.41		
15	16QAM	75	0	19.36	19.51	19.36	19.48		
15	64QAM	1	0	19.36	19.53	19.49	19.33		
15	64QAM	1	37	19.41	19.45	19.33	19.36	20	2
15	64QAM	1	74	19.26	19.41	19.29	19.30		
15	64QAM	36	0	18.55	18.67	18.56	18.59		
15	64QAM	36	20	18.47	18.61	18.61	18.51	19	3
15	64QAM	36	39	18.36	18.58	18.49	18.38		
15	64QAM	75	0	18.54	18.54	18.47	18.44		
15	256QAM	1	0	16.61	16.62	16.57	16.56		
15	256QAM	1	37	16.60	16.65	16.47	16.56	17	5
15	256QAM	1	74	16.42	16.48	16.37	16.44		
15	256QAM	36	0	16.52	16.62	16.54	16.58		
15	256QAM	36	20	16.38	16.50	16.49	16.47	17	5
15	256QAM	36	39	16.36	16.48	16.34	16.35		
15	256QAM	75	0	16.50	16.47	16.43	16.50		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3632	3687.5	3642.5	3695		
10	QPSK	1	0	20.72	20.73	20.64	20.61		
10	QPSK	1	25	20.65	20.66	20.59	20.52	22	0
10	QPSK	1	49	20.59	20.60	20.54	20.52		
10	QPSK	25	0	20.38	20.61	20.47	20.44		
10	QPSK	25	12	20.44	20.56	20.45	20.51	21	1
10	QPSK	25	25	20.37	20.37	20.38	20.29		
10	QPSK	50	0	20.53	20.48	20.50	20.40		
10	16QAM	1	0	20.44	20.51	20.39	20.37		
10	16QAM	1	25	20.40	20.46	20.35	20.33	21	1
10	16QAM	1	49	20.31	20.38	20.29	20.28		
10	16QAM	25	0	19.38	19.50	19.51	19.42		
10	16QAM	25	12	19.41	19.45	19.37	19.37	20	2
10	16QAM	25	25	19.42	19.38	19.28	19.38		
10	16QAM	50	0	19.40	19.47	19.43	19.47		
10	64QAM	1	0	19.42	19.46	19.44	19.38		
10	64QAM	1	25	19.35	19.44	19.35	19.36	20	2
10	64QAM	1	49	19.27	19.33	19.27	19.31		
10	64QAM	25	0	18.64	18.60	18.61	18.62		
10	64QAM	25	12	18.49	18.64	18.54	18.51	19	3
10	64QAM	25	25	18.37	18.48	18.49	18.44		
10	64QAM	50	0	18.47	18.58	18.48	18.50		
10	256QAM	1	0	16.65	16.61	16.58	16.55		
10	256QAM	1	25	16.63	16.58	16.51	16.51	17	5
10	256QAM	1	49	16.40	16.50	16.45	16.41		
10	256QAM	25	0	16.49	16.58	16.42	16.49		
10	256QAM	25	12	16.45	16.51	16.46	16.44	17	5
10	256QAM	25	25	16.36	16.43	16.30	16.31		
10	256QAM	50	0	16.51	16.54	16.43	16.45		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3632.5	3687	3643	3697.5		
5	QPSK	1	0	20.73	20.81	20.57	20.61		
5	QPSK	1	12	20.62	20.64	20.57	20.51	22	0
5	QPSK	1	24	20.60	20.61	20.50	20.51		
5	QPSK	12	0	20.42	20.53	20.48	20.47		
5	QPSK	12	7	20.47	20.52	20.42	20.48	21	1
5	QPSK	12	13	20.31	20.40	20.35	20.34		
5	QPSK	25	0	20.44	20.57	20.44	20.43		
5	16QAM	1	0	20.36	20.46	20.39	20.34		
5	16QAM	1	12	20.39	20.41	20.43	20.30	21	1
5	16QAM	1	24	20.28	20.39	20.24	20.27		
5	16QAM	12	0	19.39	19.54	19.53	19.47		
5	16QAM	12	7	19.40	19.55	19.45	19.34	20	2
5	16QAM	12	13	19.39	19.40	19.31	19.34		
5	16QAM	25	0	19.42	19.48	19.42	19.43		
5	64QAM	1	0	19.35	19.51	19.42	19.40		
5	64QAM	1	12	19.39	19.41	19.34	19.30	20	2
5	64QAM	1	24	19.27	19.37	19.37	19.29		
5	64QAM	12	0	18.56	18.68	18.53	18.55		
5	64QAM	12	7	18.48	18.61	18.58	18.53	19	3
5	64QAM	12	13	18.46	18.56	18.50	18.46		
5	64QAM	25	0	18.47	18.57	18.50	18.42		
5	256QAM	1	0	16.56	16.66	16.56	16.56		
5	256QAM	1	12	16.60	16.55	16.54	16.55	17	5
5	256QAM	1	24	16.45	16.51	16.40	16.38		
5	256QAM	12	0	16.47	16.60	16.54	16.57		
5	256QAM	12	7	16.48	16.53	16.43	16.51	17	5
5	256QAM	12	13	16.30	16.45	16.27	16.32		
5	256QAM	25	0	16.53	16.49	16.44	16.45		

GSM850 Ant 1	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	32.34	32.26	33.50	23.18	23.34	23.26	24.50
GPRS 1 Tx slot	32.23	32.38	32.30	33.50	23.23	23.38	23.30	24.50
GPRS 2 Tx slots	29.48	29.52	29.41	30.50	23.48	23.52	23.41	24.50
GPRS 3 Tx slots	27.74	27.85	27.79	29.00	23.48	23.59	23.53	24.74
GPRS 4 Tx slots	26.27	26.35	26.27	27.00	23.27	23.35	23.27	24.00
EDGE 1 Tx slot	25.13	25.18	25.08	26.00	16.13	16.18	16.08	17.00
EDGE 2 Tx slots	23.21	23.35	23.21	25.00	17.21	17.35	17.21	19.00
EDGE 3 Tx slots	22.19	22.30	22.27	24.00	17.93	18.04	18.01	19.74
EDGE 4 Tx slots	20.02	20.14	20.07	21.00	17.02	17.14	17.07	18.00

GSM1900 Ant 1	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	29.81	29.93	29.89	30.00	20.81	20.93	20.89	21.00
GPRS 1 Tx slot	29.85	29.97	29.93	30.00	20.85	20.97	20.93	21.00
GPRS 2 Tx slots	25.58	25.62	25.50	27.00	19.58	19.62	19.50	21.00
GPRS 3 Tx slots	23.66	23.69	23.61	25.50	19.40	19.43	19.35	21.24
GPRS 4 Tx slots	21.31	21.41	21.28	22.50	18.31	18.41	18.28	19.50
EDGE 1 Tx slot	23.45	23.54	23.51	25.00	14.45	14.54	14.51	16.00
EDGE 2 Tx slots	21.84	21.91	21.79	23.50	15.84	15.91	15.79	17.50
EDGE 3 Tx slots	20.63	20.69	20.56	22.50	16.37	16.43	16.30	18.24
EDGE 4 Tx slots	18.56	18.66	18.62	20.50	15.56	15.66	15.62	17.50

Band		WCDMA V Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.40	22.46	22.30	24.00	22.81	22.89	22.78	24.00
3GPP Rel 99	RMC 12.2Kbps	22.43	22.49	22.37	24.00	22.87	22.96	22.83	24.00
3GPP Rel 8	HSDPA Subtest-1	21.55	21.60	21.37	23.00	21.95	22.02	21.87	23.00
3GPP Rel 8	HSDPA Subtest-2	21.47	21.50	21.47	23.00	21.85	21.86	21.83	23.00
3GPP Rel 8	HSDPA Subtest-3	20.86	21.05	21.00	22.50	21.28	21.46	21.37	22.50
3GPP Rel 8	HSDPA Subtest-4	20.85	21.15	20.90	22.50	21.27	21.52	21.36	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.47	21.68	21.28	23.00	21.94	22.12	21.74	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.42	21.42	21.34	23.00	21.85	21.86	21.70	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.02	20.85	20.93	22.50	21.45	21.28	21.38	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.82	20.75	20.99	22.50	21.26	21.13	21.39	22.50
3GPP Rel 6	HSUPA Subtest-1	21.51	21.56	21.61	23.00	21.90	21.98	22.06	23.00
3GPP Rel 6	HSUPA Subtest-2	19.41	19.49	19.39	21.00	19.87	19.94	19.82	21.00
3GPP Rel 6	HSUPA Subtest-3	20.54	20.48	20.44	22.00	20.92	20.93	20.82	22.00
3GPP Rel 6	HSUPA Subtest-4	19.37	19.45	19.37	21.00	19.77	19.86	19.82	21.00
3GPP Rel 6	HSUPA Subtest-5	21.58	21.32	21.38	23.00	22.04	21.68	21.73	23.00

Band 4 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.63	21.75	21.68		
20	QPSK	1	49	21.59	21.70	21.62	23	0
20	QPSK	1	99	21.54	21.63	21.53		
20	QPSK	50	0	20.95	21.03	20.95		
20	QPSK	50	24	20.92	20.98	20.87	22	1
20	QPSK	50	50	20.78	20.91	20.84		
20	QPSK	100	0	20.93	20.96	20.87		
20	16QAM	1	0	20.75	20.89	20.85		
20	16QAM	1	49	20.76	20.84	20.74	22	1
20	16QAM	1	99	20.65	20.77	20.70		
20	16QAM	50	0	19.89	19.97	19.83		
20	16QAM	50	24	19.83	19.92	19.85	21	2
20	16QAM	50	50	19.74	19.85	19.72		
20	16QAM	100	0	19.89	19.92	19.83		
20	64QAM	1	0	19.75	19.83	19.79		
20	64QAM	1	49	19.65	19.78	19.66	21	2
20	64QAM	1	99	19.56	19.71	19.59		
20	64QAM	50	0	18.90	18.98	18.89		
20	64QAM	50	24	18.83	18.93	18.81	20	3
20	64QAM	50	50	18.74	18.86	18.74		
20	64QAM	100	0	18.77	18.91	18.81		
20	256QAM	1	0	16.92	16.95	16.89		
20	256QAM	1	49	16.82	16.90	16.85	18	5
20	256QAM	1	99	16.70	16.83	16.69		
20	256QAM	50	0	16.72	16.87	16.80		
20	256QAM	50	24	16.73	16.82	16.77	18	5
20	256QAM	50	50	16.67	16.75	16.63		
20	256QAM	100	0	16.76	16.81	16.66		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.56	21.71	21.58		
15	QPSK	1	37	21.54	21.57	21.55	23	0
15	QPSK	1	74	21.45	21.60	21.40		
15	QPSK	36	0	20.80	20.94	20.89		
15	QPSK	36	20	20.83	20.91	20.73	22	1
15	QPSK	36	39	20.70	20.86	20.78		
15	QPSK	75	0	20.79	20.92	20.75		
15	16QAM	1	0	20.72	20.80	20.80		
15	16QAM	1	37	20.64	20.80	20.59	22	1
15	16QAM	1	74	20.51	20.71	20.65		
15	16QAM	36	0	19.84	19.91	19.75		
15	16QAM	36	20	19.70	19.82	19.78	21	2
15	16QAM	36	39	19.70	19.82	19.65		
15	16QAM	75	0	19.82	19.79	19.70		
15	64QAM	1	0	19.70	19.71	19.70		
15	64QAM	1	37	19.53	19.67	19.60	21	2
15	64QAM	1	74	19.48	19.59	19.52		
15	64QAM	36	0	18.80	18.87	18.77		
15	64QAM	36	20	18.77	18.90	18.76	20	3
15	64QAM	36	39	18.64	18.73	18.61		
15	64QAM	75	0	18.74	18.87	18.70		
15	256QAM	1	0	16.81	16.85	16.84		
15	256QAM	1	37	16.76	16.75	16.78	18	5
15	256QAM	1	74	16.62	16.74	16.64		
15	256QAM	36	0	16.62	16.79	16.71		
15	256QAM	36	20	16.63	16.71	16.74	18	5
15	256QAM	36	39	16.61	16.64	16.57		
15	256QAM	75	0	16.63	16.74	16.55		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.49	21.61	21.64		
10	QPSK	1	25	21.53	21.62	21.51	23	0
10	QPSK	1	49	21.42	21.57	21.41		
10	QPSK	25	0	20.85	20.90	20.88		
10	QPSK	25	12	20.85	20.91	20.75	22	1
10	QPSK	25	25	20.65	20.79	20.77		
10	QPSK	50	0	20.89	20.83	20.81		
10	16QAM	1	0	20.71	20.84	20.78		
10	16QAM	1	25	20.64	20.76	20.61	22	1
10	16QAM	1	49	20.53	20.62	20.60		
10	16QAM	25	0	19.78	19.91	19.72		
10	16QAM	25	12	19.76	19.84	19.78	21	2
10	16QAM	25	25	19.68	19.71	19.64		
10	16QAM	50	0	19.83	19.84	19.75		
10	64QAM	1	0	19.71	19.68	19.73		
10	64QAM	1	25	19.50	19.69	19.56	21	2
10	64QAM	1	49	19.45	19.67	19.51		
10	64QAM	25	0	18.78	18.84	18.83		
10	64QAM	25	12	18.80	18.86	18.71	20	3
10	64QAM	25	25	18.68	18.74	18.68		
10	64QAM	50	0	18.73	18.83	18.74		
10	256QAM	1	0	16.81	16.90	16.84		
10	256QAM	1	25	16.73	16.80	16.76	18	5
10	256QAM	1	49	16.58	16.72	16.62		
10	256QAM	25	0	16.57	16.83	16.65		
10	256QAM	25	12	16.69	16.76	16.70	18	5
10	256QAM	25	25	16.56	16.71	16.54		
10	256QAM	50	0	16.67	16.67	16.54		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.56	21.69	21.65		
5	QPSK	1	12	21.48	21.60	21.57	23	0
5	QPSK	1	24	21.48	21.57	21.42		
5	QPSK	12	0	20.80	20.97	20.81		
5	QPSK	12	7	20.88	20.92	20.76	22	1
5	QPSK	12	13	20.64	20.81	20.76		
5	QPSK	25	0	20.87	20.84	20.76		
5	16QAM	1	0	20.64	20.80	20.79		
5	16QAM	1	12	20.68	20.71	20.60	22	1
5	16QAM	1	24	20.56	20.63	20.56		
5	16QAM	12	0	19.81	19.89	19.74		
5	16QAM	12	7	19.76	19.87	19.77	21	2
5	16QAM	12	13	19.60	19.75	19.58		
5	16QAM	25	0	19.79	19.81	19.78		
5	64QAM	1	0	19.71	19.70	19.73		
5	64QAM	1	12	19.58	19.66	19.60	21	2
5	64QAM	1	24	19.50	19.67	19.54		
5	64QAM	12	0	18.84	18.91	18.83		
5	64QAM	12	7	18.72	18.87	18.75	20	3
5	64QAM	12	13	18.62	18.83	18.64		
5	64QAM	25	0	18.72	18.87	18.71		
5	256QAM	1	0	16.87	16.84	16.85		
5	256QAM	1	12	16.71	16.80	16.73	18	5
5	256QAM	1	24	16.67	16.68	16.60		
5	256QAM	12	0	16.67	16.75	16.72		
5	256QAM	12	7	16.68	16.78	16.65	18	5
5	256QAM	12	13	16.59	16.68	16.55		
5	256QAM	25	0	16.64	16.70	16.57		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.49	21.70	21.62		
3	QPSK	1	8	21.52	21.61	21.59	23	0
3	QPSK	1	14	21.45	21.53	21.40		
3	QPSK	8	0	20.89	20.99	20.87		
3	QPSK	8	4	20.82	20.86	20.75	22	1
3	QPSK	8	7	20.68	20.84	20.75		
3	QPSK	15	0	20.86	20.82	20.81		
3	16QAM	1	0	20.66	20.79	20.76		
3	16QAM	1	8	20.68	20.76	20.68	22	1
3	16QAM	1	14	20.57	20.69	20.63		
3	16QAM	8	0	19.75	19.93	19.75		
3	16QAM	8	4	19.70	19.88	19.72	21	2
3	16QAM	8	7	19.68	19.75	19.58		
3	16QAM	15	0	19.81	19.84	19.77		
3	64QAM	1	0	19.71	19.71	19.69		
3	64QAM	1	8	19.54	19.64	19.59	21	2
3	64QAM	1	14	19.51	19.60	19.50		
3	64QAM	8	0	18.84	18.85	18.84		
3	64QAM	8	4	18.77	18.81	18.73	20	3
3	64QAM	8	7	18.66	18.72	18.70		
3	64QAM	15	0	18.70	18.78	18.68		
3	256QAM	1	0	16.83	16.92	16.84		
3	256QAM	1	8	16.71	16.78	16.74	18	5
3	256QAM	1	14	16.62	16.79	16.59		
3	256QAM	8	0	16.62	16.77	16.72		
3	256QAM	8	4	16.67	16.76	16.64	18	5
3	256QAM	8	7	16.59	16.65	16.57		
3	256QAM	15	0	16.65	16.74	16.51		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.51	21.71	21.57		
1.4	QPSK	1	3	21.56	21.58	21.52		
1.4	QPSK	1	5	21.45	21.50	21.42	23	0
1.4	QPSK	3	0	21.54	21.62	21.55		
1.4	QPSK	3	1	21.50	21.57	21.55		
1.4	QPSK	3	3	21.50	21.52	21.41		
1.4	QPSK	6	0	20.82	20.96	20.81	22	1
1.4	16QAM	1	0	20.84	20.92	20.83		
1.4	16QAM	1	3	20.67	20.86	20.73		
1.4	16QAM	1	5	20.88	20.81	20.78	22	1
1.4	16QAM	3	0	20.71	20.83	20.75		
1.4	16QAM	3	1	20.70	20.76	20.62		
1.4	16QAM	3	3	20.52	20.74	20.57		
1.4	16QAM	6	0	19.79	19.93	19.76	21	2
1.4	64QAM	1	0	19.77	19.87	19.73		
1.4	64QAM	1	3	19.60	19.74	19.65		
1.4	64QAM	1	5	19.76	19.85	19.79	21	2
1.4	64QAM	3	0	19.71	19.72	19.69		
1.4	64QAM	3	1	19.58	19.69	19.62		
1.4	64QAM	3	3	19.50	19.57	19.53		
1.4	64QAM	6	0	18.83	18.95	18.78	20	3
1.4	256QAM	1	0	16.89	16.84	16.78		
1.4	256QAM	1	3	16.79	16.79	16.81		
1.4	256QAM	1	5	16.63	16.70	16.60	18	5
1.4	256QAM	3	0	16.68	16.82	16.66		
1.4	256QAM	3	1	16.65	16.73	16.68		
1.4	256QAM	3	3	16.52	16.66	16.52		
1.4	256QAM	6	0	16.72	16.70	16.51	18	5

Band 5 Ant 1

BW [MHz]	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	21.31	21.26		
10	QPSK	1	25	21.16	21.28	21.20	22	0
10	QPSK	1	49	21.08	21.15	21.12		
10	QPSK	25	0	20.29	20.34	20.23		
10	QPSK	25	12	20.21	20.29	20.16	21	1
10	QPSK	25	25	20.15	20.22	20.17		
10	QPSK	50	0	20.15	20.26	20.15		
10	16QAM	1	0	20.13	20.21	20.08		
10	16QAM	1	25	20.01	20.16	20.13	21	1
10	16QAM	1	49	20.03	20.09	20.00		
10	16QAM	25	0	19.30	19.42	19.30		
10	16QAM	25	12	19.30	19.37	19.32	20	2
10	16QAM	25	25	19.26	19.30	19.23		
10	16QAM	50	0	19.26	19.37	19.27		
10	64QAM	1	0	19.29	19.33	19.24		
10	64QAM	1	25	19.16	19.28	19.21	20	2
10	64QAM	1	49	19.09	19.21	19.08		
10	64QAM	25	0	18.37	18.44	18.36		
10	64QAM	25	12	18.26	18.39	18.31	19	3
10	64QAM	25	25	18.26	18.32	18.17		
10	64QAM	50	0	18.36	18.40	18.30		
10	256QAM	1	0	16.37	16.47	16.32		
10	256QAM	1	25	16.30	16.42	16.30	17	5
10	256QAM	1	49	16.24	16.35	16.27		
10	256QAM	25	0	16.36	16.42	16.33		
10	256QAM	25	12	16.31	16.37	16.30	17	5
10	256QAM	25	25	16.15	16.30	16.21		
10	256QAM	50	0	16.28	16.35	16.22		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.11	21.24	21.22		
5	QPSK	1	12	21.07	21.16	21.05	22	0
5	QPSK	1	24	20.99	21.04	21.08		
5	QPSK	12	0	20.20	20.31	20.10		
5	QPSK	12	7	20.18	20.15	20.12	21	1
5	QPSK	12	13	20.09	20.15	20.09		
5	QPSK	25	0	20.03	20.21	20.05		
5	16QAM	1	0	20.07	20.13	20.03		
5	16QAM	1	12	19.88	20.04	20.06	21	1
5	16QAM	1	24	19.93	20.02	19.96		
5	16QAM	12	0	19.21	19.35	19.19		
5	16QAM	12	7	19.22	19.29	19.19	20	2
5	16QAM	12	13	19.23	19.26	19.17		
5	16QAM	25	0	19.11	19.23	19.13		
5	64QAM	1	0	19.21	19.23	19.21		
5	64QAM	1	12	19.03	19.16	19.13	20	2
5	64QAM	1	24	19.00	19.16	18.94		
5	64QAM	12	0	18.33	18.34	18.28		
5	64QAM	12	7	18.11	18.36	18.18	19	3
5	64QAM	12	13	18.20	18.22	18.03		
5	64QAM	25	0	18.29	18.35	18.16		
5	256QAM	1	0	16.24	16.39	16.26		
5	256QAM	1	12	16.20	16.27	16.23	17	5
5	256QAM	1	24	16.20	16.29	16.20		
5	256QAM	12	0	16.31	16.32	16.27		
5	256QAM	12	7	16.25	16.24	16.24	17	5
5	256QAM	12	13	16.09	16.19	16.12		
5	256QAM	25	0	16.15	16.20	16.12		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.16	21.27	21.16		
3	QPSK	1	8	21.11	21.21	21.09	22	0
3	QPSK	1	14	20.95	21.00	21.03		
3	QPSK	8	0	20.24	20.29	20.18		
3	QPSK	8	4	20.13	20.25	20.09	21	1
3	QPSK	8	7	20.06	20.15	20.11		
3	QPSK	15	0	20.01	20.19	20.02		
3	16QAM	1	0	20.00	20.17	19.95		
3	16QAM	1	8	19.90	20.06	20.10	21	1
3	16QAM	1	14	19.88	19.99	19.89		
3	16QAM	8	0	19.26	19.33	19.19		
3	16QAM	8	4	19.26	19.23	19.19	20	2
3	16QAM	8	7	19.12	19.18	19.10		
3	16QAM	15	0	19.15	19.25	19.20		
3	64QAM	1	0	19.18	19.29	19.11		
3	64QAM	1	8	19.02	19.17	19.15	20	2
3	64QAM	1	14	19.00	19.18	18.97		
3	64QAM	8	0	18.32	18.38	18.29		
3	64QAM	8	4	18.14	18.30	18.19	19	3
3	64QAM	8	7	18.12	18.22	18.14		
3	64QAM	15	0	18.31	18.25	18.20		
3	256QAM	1	0	16.23	16.35	16.21		
3	256QAM	1	8	16.18	16.34	16.27	17	5
3	256QAM	1	14	16.13	16.30	16.14		
3	256QAM	8	0	16.23	16.37	16.27		
3	256QAM	8	4	16.19	16.27	16.18	17	5
3	256QAM	8	7	16.03	16.19	16.12		
3	256QAM	15	0	16.20	16.31	16.14		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.14	21.17	21.23		
1.4	QPSK	1	3	21.11	21.18	21.16		
1.4	QPSK	1	5	21.00	21.12	20.98	22	0
1.4	QPSK	3	0	21.09	21.11	21.06		
1.4	QPSK	3	1	21.08	21.01	20.96		
1.4	QPSK	3	3	20.85	20.95	20.94		
1.4	QPSK	6	0	20.24	20.28	20.18	21	1
1.4	16QAM	1	0	20.09	20.26	20.09		
1.4	16QAM	1	3	20.09	20.09	20.12		
1.4	16QAM	1	5	20.05	20.22	20.05	21	1
1.4	16QAM	3	0	20.02	20.08	19.96		
1.4	16QAM	3	1	19.97	20.09	20.07		
1.4	16QAM	3	3	19.97	20.00	19.93		
1.4	16QAM	6	0	19.20	19.36	19.23	20	2
1.4	64QAM	1	0	19.17	19.32	19.17		
1.4	64QAM	1	3	19.14	19.16	19.15		
1.4	64QAM	1	5	19.18	19.33	19.20	20	2
1.4	64QAM	3	0	19.17	19.25	19.16		
1.4	64QAM	3	1	19.13	19.13	19.06		
1.4	64QAM	3	3	18.98	19.09	18.97		
1.4	64QAM	6	0	18.26	18.38	18.27	19	3
1.4	256QAM	1	0	16.33	16.37	16.27		
1.4	256QAM	1	3	16.23	16.33	16.21		
1.4	256QAM	1	5	16.20	16.21	16.15	17	5
1.4	256QAM	3	0	16.24	16.32	16.21		
1.4	256QAM	3	1	16.27	16.27	16.26		
1.4	256QAM	3	3	16.00	16.27	16.13		
1.4	256QAM	6	0	16.14	16.23	16.16	17	5

Band 7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.17	22.30	22.22		
20	QPSK	1	49	22.14	22.25	22.19	23	0
20	QPSK	1	99	22.07	22.18	22.11		
20	QPSK	50	0	21.28	21.39	21.32		
20	QPSK	50	24	21.30	21.34	21.26	22	1
20	QPSK	50	50	21.19	21.27	21.14		
20	QPSK	100	0	21.23	21.35	21.29		
20	16QAM	1	0	21.23	21.31	21.21		
20	16QAM	1	49	21.15	21.26	21.15	22	1
20	16QAM	1	99	21.06	21.19	21.14		
20	16QAM	50	0	20.22	20.35	20.23		
20	16QAM	50	24	20.19	20.30	20.16	21	2
20	16QAM	50	50	20.20	20.23	20.11		
20	16QAM	100	0	20.21	20.28	20.23		
20	64QAM	1	0	20.11	20.23	20.10		
20	64QAM	1	49	20.12	20.18	20.08	21	2
20	64QAM	1	99	20.08	20.11	20.00		
20	64QAM	50	0	19.21	19.36	19.29		
20	64QAM	50	24	19.17	19.31	19.21	20	3
20	64QAM	50	50	19.19	19.24	19.21		
20	64QAM	100	0	19.28	19.32	19.22		
20	256QAM	1	0	17.27	17.41	17.38		
20	256QAM	1	49	17.30	17.36	17.32	18	5
20	256QAM	1	99	17.22	17.29	17.16		
20	256QAM	50	0	17.23	17.38	17.29		
20	256QAM	50	24	17.25	17.33	17.28	18	5
20	256QAM	50	50	17.20	17.26	17.18		
20	256QAM	100	0	17.19	17.33	17.23		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.03	22.26	22.11		
15	QPSK	1	37	22.01	22.20	22.05	23	0
15	QPSK	1	74	21.92	22.13	21.96		
15	QPSK	36	0	21.24	21.26	21.20		
15	QPSK	36	20	21.20	21.22	21.18	22	1
15	QPSK	36	39	21.05	21.22	21.04		
15	QPSK	75	0	21.18	21.30	21.21		
15	16QAM	1	0	21.13	21.21	21.14		
15	16QAM	1	37	21.05	21.19	21.05	22	1
15	16QAM	1	74	20.92	21.10	21.04		
15	16QAM	36	0	20.07	20.27	20.12		
15	16QAM	36	20	20.09	20.20	20.11	21	2
15	16QAM	36	39	20.11	20.12	20.08		
15	16QAM	75	0	20.13	20.19	20.18		
15	64QAM	1	0	20.05	20.17	20.01		
15	64QAM	1	37	19.99	20.13	20.05	21	2
15	64QAM	1	74	19.98	20.07	19.91		
15	64QAM	36	0	19.17	19.25	19.16		
15	64QAM	36	20	19.03	19.19	19.06	20	3
15	64QAM	36	39	19.15	19.17	19.07		
15	64QAM	75	0	19.23	19.17	19.19		
15	256QAM	1	0	17.15	17.26	17.29		
15	256QAM	1	37	17.25	17.26	17.28	18	5
15	256QAM	1	74	17.09	17.19	17.10		
15	256QAM	36	0	17.14	17.35	17.15		
15	256QAM	36	20	17.22	17.18	17.16	18	5
15	256QAM	36	39	17.08	17.13	17.08		
15	256QAM	75	0	17.09	17.25	17.16		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.13	22.23	22.15		
10	QPSK	1	25	22.03	22.19	22.08	23	0
10	QPSK	1	49	21.97	22.05	22.02		
10	QPSK	25	0	21.14	21.33	21.18		
10	QPSK	25	12	21.18	21.20	21.21	22	1
10	QPSK	25	25	21.07	21.20	20.99		
10	QPSK	50	0	21.20	21.26	21.16		
10	16QAM	1	0	21.20	21.23	21.10		
10	16QAM	1	25	21.02	21.21	21.09	22	1
10	16QAM	1	49	20.98	21.15	21.06		
10	16QAM	25	0	20.13	20.25	20.16		
10	16QAM	25	12	20.14	20.26	20.13	21	2
10	16QAM	25	25	20.09	20.14	19.99		
10	16QAM	50	0	20.15	20.23	20.18		
10	64QAM	1	0

Band 12 Ant 1

BW [MHz]	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	21.61	21.70	21.68	23	0
10	QPSK	1	25	21.43	21.61	21.52		
10	QPSK	1	49	21.47	21.49	21.52		
10	QPSK	25	0	20.65	20.71	20.61	22	1
10	QPSK	25	12	20.53	20.66	20.59		
10	QPSK	25	25	20.48	20.59	20.50		
10	QPSK	50	0	20.59	20.66	20.58		
10	16QAM	1	0	20.57	20.60	20.52	22	1
10	16QAM	1	25	20.47	20.55	20.52		
10	16QAM	1	49	20.38	20.48	20.39		
10	16QAM	25	0	19.61	19.74	19.59	21	2
10	16QAM	25	12	19.55	19.69	19.64		
10	16QAM	25	25	19.58	19.62	19.59		
10	16QAM	50	0	19.56	19.67	19.52		
10	64QAM	1	0	19.47	19.58	19.47	21	2
10	64QAM	1	25	19.48	19.53	19.47		
10	64QAM	1	49	19.36	19.46	19.36		
10	64QAM	25	0	18.55	18.63	18.53	20	3
10	64QAM	25	12	18.44	18.58	18.45		
10	64QAM	25	25	18.37	18.51	18.41		
10	64QAM	50	0	18.44	18.56	18.44		
10	256QAM	1	0	16.69	16.80	16.70	18	5
10	256QAM	1	25	16.68	16.75	16.64		
10	256QAM	1	49	16.63	16.68	16.57		
10	256QAM	25	0	16.68	16.77	16.68	18	5
10	256QAM	25	12	16.67	16.72	16.65		
10	256QAM	25	25	16.59	16.65	16.56		
10	256QAM	50	0	16.63	16.71	16.65		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.56	21.63	21.54	23	0
5	QPSK	1	12	21.37	21.56	21.43		
5	QPSK	1	24	21.33	21.44	21.40		
5	QPSK	12	0	20.61	20.65	20.52	22	1
5	QPSK	12	7	20.43	20.59	20.46		
5	QPSK	12	13	20.43	20.56	20.35		
5	QPSK	25	0	20.50	20.54	20.50		
5	16QAM	1	0	20.45	20.48	20.41	22	1
5	16QAM	1	12	20.35	20.51	20.40		
5	16QAM	1	24	20.25	20.37	20.27		
5	16QAM	12	0	19.57	19.67	19.52	21	2
5	16QAM	12	7	19.44	19.63	19.50		
5	16QAM	12	13	19.51	19.53	19.52		
5	16QAM	25	0	19.53	19.56	19.42		
5	64QAM	1	0	19.32	19.43	19.34	21	2
5	64QAM	1	12	19.35	19.39	19.42		
5	64QAM	1	24	19.26	19.37	19.29		
5	64QAM	12	0	18.49	18.50	18.40	20	3
5	64QAM	12	7	18.32	18.52	18.39		
5	64QAM	12	13	18.30	18.44	18.29		
5	64QAM	25	0	18.36	18.42	18.38		
5	256QAM	1	0	16.55	16.71	16.56	18	5
5	256QAM	1	12	16.55	16.66	16.59		
5	256QAM	1	24	16.58	16.65	16.47		
5	256QAM	12	0	16.61	16.70	16.59	18	5
5	256QAM	12	7	16.56	16.68	16.55		
5	256QAM	12	13	16.51	16.50	16.43		
5	256QAM	25	0	16.49	16.66	16.51		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.46	21.66	21.63	23	0
3	QPSK	1	8	21.32	21.54	21.37		
3	QPSK	1	14	21.42	21.43	21.38		
3	QPSK	8	0	20.55	20.63	20.58	22	1
3	QPSK	8	4	20.49	20.59	20.52		
3	QPSK	8	7	20.36	20.51	20.42		
3	QPSK	15	0	20.51	20.55	20.51		
3	16QAM	1	0	20.45	20.50	20.48	22	1
3	16QAM	1	8	20.40	20.41	20.46		
3	16QAM	1	14	20.30	20.44	20.31		
3	16QAM	8	0	19.52	19.65	19.50	21	2
3	16QAM	8	4	19.51	19.57	19.57		
3	16QAM	8	7	19.52	19.54	19.55		
3	16QAM	15	0	19.48	19.58	19.39		
3	64QAM	1	0	19.36	19.45	19.35	21	2
3	64QAM	1	8	19.43	19.43	19.41		
3	64QAM	1	14	19.22	19.36	19.22		
3	64QAM	8	0	18.41	18.60	18.41	20	3
3	64QAM	8	4	18.35	18.44	18.41		
3	64QAM	8	7	18.27	18.44	18.28		
3	64QAM	15	0	18.38	18.44	18.35		
3	256QAM	1	0	16.63	16.72	16.62	18	5
3	256QAM	1	8	16.64	16.69	16.59		
3	256QAM	1	14	16.51	16.54	16.46		
3	256QAM	8	0	16.57	16.68	16.59	18	5
3	256QAM	8	4	16.63	16.57	16.55		
3	256QAM	8	7	16.53	16.50	16.49		
3	256QAM	15	0	16.53	16.60	16.54		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.46	21.69	21.55	23	0
1.4	QPSK	1	3	21.35	21.50	21.49		
1.4	QPSK	1	5	21.40	21.44	21.45		
1.4	QPSK	3	0	21.57	21.57	21.40		
1.4	QPSK	3	1	21.48	21.59	21.39		
1.4	QPSK	3	3	21.35	21.33	21.35		
1.4	QPSK	6	0	20.50	20.63	20.58	22	1
1.4	16QAM	1	0	20.48	20.61	20.51	22	1
1.4	16QAM	1	3	20.41	20.53	20.36		
1.4	16QAM	1	5	20.47	20.55	20.51		
1.4	16QAM	3	0	20.52	20.47	20.42		
1.4	16QAM	3	1	20.36	20.51	20.46		
1.4	16QAM	3	3	20.30	20.43	20.25		
1.4	16QAM	6	0	19.53	19.65	19.48	21	2
1.4	64QAM	1	0	19.42	19.56	19.58	21	2
1.4	64QAM	1	3	19.54	19.56	19.49		
1.4	64QAM	1	5	19.47	19.57	19.38		
1.4	64QAM	3	0	19.37	19.44	19.39		
1.4	64QAM	3	1	19.43	19.46	19.39		
1.4	64QAM	3	3	19.26	19.41	19.26		
1.4	64QAM	6	0	18.48	18.51	18.47	20	3
1.4	256QAM	1	0	16.64	16.69	16.62	18	5
1.4	256QAM	1	3	16.54	16.61	16.51		
1.4	256QAM	1	5	16.51	16.60	16.53		
1.4	256QAM	3	0	16.53	16.69	16.54		
1.4	256QAM	3	1	16.61	16.62	16.61		
1.4	256QAM	3	3	16.52	16.62	16.46		
1.4	256QAM	6	0	16.52	16.66	16.58	18	5

Band 13 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23220			
Frequency (MHz)					782			
10	QPSK	1	0		21.31		23	0
10	QPSK	1	25		21.26			
10	QPSK	1	49		21.23			
10	QPSK	25	0		20.43		22	1
10	QPSK	25	12		20.38			
10	QPSK	25	25		20.33			
10	QPSK	50	0		20.38			
10	16QAM	1	0		20.32		22	1
10	16QAM	1	25		20.27			
10	16QAM	1	49		20.24			
10	16QAM	25	0		19.53		21	2
10	16QAM	25	12		19.48			
10	16QAM	25	25		19.36			
10	16QAM	50	0		19.47			
10	64QAM	1	0		19.40		21	2
10	64QAM	1	25		19.35			
10	64QAM	1	49		19.22			
10	64QAM	25	0		18.48		20	3
10	64QAM	25	12		18.43			
10	64QAM	25	25		18.39			
10	64QAM	50	0		18.41			
10	256QAM	1	0		16.50		18	5
10	256QAM	1	25		16.45			
10	256QAM	1	49		16.37			
10	256QAM	25	0		16.45		18	5
10	256QAM	25	12		16.40			
10	256QAM	25	25		16.36			
10	256QAM	50	0		16.42			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.20	21.27	21.13	23	0
5	QPSK	1	12	21.15	21.20	21.11		
5	QPSK	1	24	21.22	21.29	21.20		
5	QPSK	12	0	20.19	20.30	20.16	22	1
5	QPSK	12	7	20.23	20.30	20.24		
5	QPSK	12	13	20.26	20.29	20.25		
5	QPSK	25	0	20.25	20.32	20.29		
5	16QAM	1	0	20.24	20.29	20.18	22	1
5	16QAM	1	12	20.14	20.19	20.13		
5	16QAM	1	24	20.02	20.11	20.06		
5	16QAM	12	0	19.30	19.42	19.37	21	2
5	16QAM	12	7	19.38	19.44	19.36		
5	16QAM	12	13	19.14	19.22	19.15		
5	16QAM	25	0	19.30	19.44	19.30		
5	64QAM	1	0	19.13	19.28	19.21	21	2
5	64QAM	1	12	19.21	19.25	19.15		
5	64QAM	1	24	19.03	19.11	19.07		
5	64QAM	12	0	18.35	18.44	18.40	20	3
5	64QAM	12	7	18.31	18.36	18.22		
5	64QAM	12	13	18.31	18.36	18.24		
5	64QAM	25	0	18.24	18.37	18.25		
5	256QAM	1	0	16.33	16.38	16.29	18	5
5	256QAM	1	12	16.31	16.35	16.30		
5	256QAM	1	24	16.17	16.28	16.22		
5	256QAM	12	0	16.28	16.39	16.35	18	5
5	256QAM	12	7	16.22	16.36	16.24		
5	256QAM	12	13	16.19	16.27	16.15		
5	256QAM	25	0	16.16	16.27	16.21		

Band 17 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.61	21.65	21.57	23	0
10	QPSK	1	25	21.55	21.64	21.63		
10	QPSK	1	49	21.59	21.62	21.54		
10	QPSK	25	0	20.68	20.72	20.67	22	1
10	QPSK	25	12	20.57	20.67	20.59		
10	QPSK	25	25	20.53	20.60	20.48		
10	QPSK	50	0	20.53	20.66	20.53		
10	16QAM	1	0	20.46	20.59	20.48	22	1
10	16QAM	1	25	20.39	20.54	20.46		
10	16QAM	1	49	20.42	20.47	20.38		
10	16QAM	25	0	19.62	19.68	19.62	21	2
10	16QAM	25	12	19.55	19.63	19.49		
10	16QAM	25	25	19.52	19.56	19.44		
10	16QAM	50	0	19.56	19.62	19.55		
10	64QAM	1	0	19.42	19.55	19.43	21	2
10	64QAM	1	25	19.43	19.50	19.35		
10	64QAM	1	49	19.33	19.43	19.30		
10	64QAM	25	0	18.69	18.76	18.69	20	3
10	64QAM	25	12	18.62	18.71	18.59		
10	64QAM	25	25	18.51	18.64	18.53		
10	64QAM	50	0	18.58	18.71	18.60		
10	256QAM	1	0	16.67	16.77	16.65	18	5
10	256QAM	1	25	16.65	16.72	16.62		
10	256QAM	1	49	16.55	16.65	16.59		
10	256QAM	25	0	16.64	16.72	16.62	18	5
10	256QAM	25	12	16.53	16.67	16.57		
10	256QAM	25	25	16.50	16.60	16.50		
10	256QAM	50	0	16.61	16.65	16.60		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.47	21.58	21.41	23	0
5	QPSK	1	12	21.38	21.37	21.31		
5	QPSK	1	24	21.42	21.43	21.33		
5	QPSK	12	0	20.59	20.62	20.55	22	1
5	QPSK	12	7	20.54	20.53	20.54		
5	QPSK	12	13	20.48	20.54	20.44		
5	QPSK	25	0	20.49	20.56	20.49		
5	16QAM	1	0	20.34	20.48	20.34	22	1
5	16QAM	1	12	20.32	20.49	20.41		
5	16QAM	1	24	20.39	20.39	20.25		
5	16QAM	12	0	19.51	19.54	19.56	21	2
5	16QAM	12	7	19.45	19.48	19.36		
5	16QAM	12	13	19.46	19.46	19.39		
5	16QAM	25	0	19.43	19.52	19.43		
5	64QAM	1	0	19.36	19.41	19.31	21	2
5	64QAM	1	12	19.32	19.37	19.28		
5	64QAM	1	24	19.24	19.29	19.18		
5	64QAM	12	0	18.56	18.68	18.66	20	3
5	64QAM	12	7	18.50	18.65	18.51		
5	64QAM	12	13	18.37	18.52	18.42		
5	64QAM	25	0	18.46	18.60	18.48		
5	256QAM	1	0	16.55	16.63	16.50	18	5
5	256QAM	1	12	16.57	16.66	16.52		
5	256QAM	1	24	16.40	16.59	16.50		
5	256QAM	12	0	16.51	16.63	16.55	18	5
5	256QAM	12	7	16.43	16.56	16.53		
5	256QAM	12	13	16.41	16.52	16.45		
5	256QAM	25	0	16.52	16.54	16.57		

Band 26 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.32	21.38	21.29	22	0
15	QPSK	1	37	21.17	21.27	21.14		
15	QPSK	1	74	21.14	21.20	21.10		
15	QPSK	36	0	20.28	20.32	20.28	21	1
15	QPSK	36	20	20.21	20.27	20.14		
15	QPSK	36	39	20.17	20.20	20.12		
15	QPSK	75	0	20.24	20.27	20.17		
15	16QAM	1	0	20.19	20.22	20.19	21	1
15	16QAM	1	37	20.10	20.17	20.13		
15	16QAM	1	74	19.99	20.10	20.04		
15	16QAM	36	0	19.24	19.37	19.22	20	2
15	16QAM	36	20	19.26	19.32	19.22		
15	16QAM	36	39	19.14	19.25	19.13		
15	16QAM	75	0	19.20	19.30	19.21		
15	64QAM	1	0	19.16	19.23	19.15	20	2
15	64QAM	1	37	19.15	19.18	19.04		
15	64QAM	1	74	19.05	19.11	19.00		
15	64QAM	36	0	18.25	18.36	18.22	19	3
15	64QAM	36	20	18.19	18.31	18.17		
15	64QAM	36	39	18.13	18.24	18.14		
15	64QAM	75	0	18.19	18.32	18.29		
15	256QAM	1	0	16.31	16.38	16.30	17	5
15	256QAM	1	37	16.28	16.33	16.28		
15	256QAM	1	74	16.16	16.26	16.13		
15	256QAM	36	0	16.26	16.33	16.19	17	5
15	256QAM	36	20	16.17	16.28	16.21		
15	256QAM	36	39	16.11	16.21	16.07		
15	256QAM	75	0	16.15	16.26	16.22		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.20	21.26	21.26	22	0
10	QPSK	1	25	21.13	21.15	21.01		
10	QPSK	1	49	21.10	21.14	21.04		
10	QPSK	25	0	20.24	20.20	20.24	21	1
10	QPSK	25	12	20.17	20.23	19.99		
10	QPSK	25	25	20.03	20.12	20.08		
10	QPSK	50	0	20.14	20.15	20.02		
10	16QAM	1	0	20.07	20.18	20.04	21	1
10	16QAM	1	25	20.05	20.08	20.07		
10	16QAM	1	49	19.86	20.00	19.96		
10	16QAM	25	0	19.18	19.31	19.10	20	2
10	16QAM	25	12	19.12	19.23	19.17		
10	16QAM	25	25	19.08	19.15	19.03		
10	16QAM	50	0	19.09	19.27	19.13		
10	64QAM	1	0	19.01	19.17	19.02	20	2
10	64QAM	1	25	19.11	19.13	18.98		
10	64QAM	1	49	18.91	19.07	18.97		
10	64QAM	25	0	18.19	18.31	18.10	19	3
10	64QAM	25	12	18.09	18.24	18.05		
10	64QAM	25	25	18.06	18.19	18.07		
10	64QAM	50	0	18.07	18.22	18.23		
10	256QAM	1	0	16.24	16.27	16.19	17	5
10	256QAM	1	25	16.17	16.27	16.20		
10	256QAM	1	49	16.05	16.18	16.05		
10	256QAM	25	0	16.22	16.24	16.05	17	5
10	256QAM	25	12	16.09	16.23	16.16		
10	256QAM	25	25	16.03	16.06	15.94		
10	256QAM	50	0	16.06	16.22	16.08		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.19	21.34	21.20	22	0
5	QPSK	1	12	21.11	21.12	21.05		
5	QPSK	1	24	21.09	21.09	20.96		
5	QPSK	12	0	20.24	20.26	20.23	21	1
5	QPSK	12	7	20.17	20.13	20.09		
5	QPSK	12	13	20.07	20.11	20.04		
5	QPSK	25	0	20.14	20.12	20.13		
5	16QAM	1	0	20.10	20.17	20.08	21	1
5	16QAM	1	12	19.96	20.09	20.05		
5	16QAM	1	24	19.85	20.04	19.91		
5	16QAM	12	0	19.21	19.25	19.13	20	2
5	16QAM	12	7	19.14	19.21	19.19		
5	16QAM	12	13	19.09	19.14	19.06		
5	16QAM	25	0	19.16	19.18	19.07		
5	64QAM	1	0	19.11	19.15	19.06	20	2
5	64QAM	1	12	19.00	19.09	18.92		
5	64QAM	1	24	19.00	18.98	18.92		
5	64QAM	12	0	18.16	18.26	18.13	19	3
5	64QAM	12	7	18.09	18.26	18.11		
5	64QAM	12	13	17.98	18.15	18.03		
5	64QAM	25	0	18.10	18.22	18.18		
5	256QAM	1	0	16.24	16.34	16.17	17	5
5	256QAM	1	12	16.18	16.27	16.17		
5	256QAM	1	24	16.11	16.20	16.00		
5	256QAM	12	0	16.22	16.19	16.06	17	5
5	256QAM	12	7	16.13	16.17	16.09		
5	256QAM	12	13	16.01	16.12	15.92		
5	256QAM	25	0	16.03	16.20	16.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.23	21.32	21.17	22	0
3	QPSK	1	8	21.07	21.20	21.08		
3	QPSK	1	14	21.09	21.15	20.96		
3	QPSK	8	0	20.16	20.20	20.16	21	1
3	QPSK	8	4	20.09	20.12	20.05		
3	QPSK	8	7	20.09	20.10	20.02		
3	QPSK	15	0	20.19	20.20	20.07		
3	16QAM	1	0	20.15	20.18	20.04	21	1
3	16QAM	1	8	20.03	20.06	20.07		
3	16QAM	1	14	19.95	19.96	20.01		
3	16QAM	8	0	19.13	19.33	19.12	20	2
3	16QAM	8	4	19.23	19.24	19.10		
3	16QAM	8	7	18.99	19.12	18.99		
3	16QAM	15	0	19.10	19.25	19.09		
3	64QAM	1	0	19.11	19.14	19.05	20	2
3	64QAM	1	8	19.06	19.03	18.92		
3	64QAM	1	14	18.93	18.97	18.91		
3	64QAM	8	0	18.11	18.31	18.19	19	3
3	64QAM	8	4	18.10	18.18	18.03		
3	64QAM	8	7	18.03	18.17	18.03		
3	64QAM	15	0	18.04	18.29	18.15		
3	256QAM	1	0	16.25	16.26	16.24	17	5
3	256QAM	1	8	16.23	16.21	16.21		
3	256QAM	1	14	16.03	16.23	16.01		
3	256QAM	8	0	16.23	16.22	16.15	17	5
3	256QAM	8	4	16.02	16.22	16.06		
3	256QAM	8	7	16.02	16.12	15.92		
3	256QAM	15	0	16.08	16.12	16.14		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.20	21.28	21.17	22	0
1.4	QPSK	1	3	21.11	21.21	21.01		
1.4	QPSK	1	5	21.04	21.14	21.02		
1.4	QPSK	3	0	21.05	21.26	21.04		
1.4	QPSK	3	1	21.09	21.08	21.04		
1.4	QPSK	3	3	20.99	21.14	21.03		
1.4	QPSK	6	0	20.15	20.21	20.21	21	1
1.4	16QAM	1	0	20.09	20.19	20.03	21	1
1.4	16QAM	1	3	20.08	20.06	20.09		
1.4	16QAM	1	5	20.16	20.16	20.10		
1.4	16QAM	3	0	20.07	20.15	20.08		
1.4	16QAM	3	1	20.03	20.05	20.06		
1.4	16QAM	3	3	19.85	19.96	19.96		
1.4	16QAM	6	0	19.10	19.25	19.10	20	2
1.4	64QAM	1	0	19.11	19.18	19.16	20	2
1.4	64QAM	1	3	19.09	19.10	19.07		
1.4	64QAM	1	5	19.13	19.19	19.15		
1.4	64QAM	3	0	19.10	19.08	19.06		
1.4	64QAM	3	1	19.08	19.12	18.93		
1.4	64QAM	3	3	18.98	19.00	18.90		
1.4	64QAM	6	0	18.15	18.25	18.16	19	3
1.4	256QAM	1	0	16.20	16.30	16.16	17	5
1.4	256QAM	1	3	16.19	16.24	16.23		
1.4	256QAM	1	5	16.11	16.18	16.02		
1.4	256QAM	3	0	16.23	16.25	16.09		
1.4	256QAM	3	1	16.09	16.17	16.07		
1.4	256QAM	3	3	16.00	16.08	15.99		
1.4	256QAM	6	0	16.04	16.21	16.11	17	5

Band 66 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.72	21.83	21.76	23	0
20	QPSK	1	49	21.67	21.78	21.71		
20	QPSK	1	99	21.58	21.71	21.67		
20	QPSK	50	0	20.77	20.85	20.82	22	1
20	QPSK	50	24	20.66	20.80	20.73		
20	QPSK	50	50	20.68	20.73	20.59		
20	QPSK	100	0	20.65	20.77	20.72		
20	16QAM	1	0	20.69	20.74	20.66	22	1
20	16QAM	1	49	20.57	20.69	20.56		
20	16QAM	1	99	20.56	20.62	20.55		
20	16QAM	50	0	19.64	19.78	19.68	21	2
20	16QAM	50	24	19.63	19.73	19.63		
20	16QAM	50	50	19.63	19.66	19.61		
20	16QAM	100	0	19.64	19.71	19.68		
20	64QAM	1	0	19.52	19.64	19.49	21	2
20	64QAM	1	49	19.51	19.59	19.52		
20	64QAM	1	99	19.45	19.52	19.41		
20	64QAM	50	0	18.61	18.69	18.54	20	3
20	64QAM	50	24	18.58	18.64	18.61		
20	64QAM	50	50	18.53	18.57	18.51		
20	64QAM	100	0	18.52	18.62	18.54		
20	256QAM	1	0	16.61	16.75	16.64	18	5
20	256QAM	1	49	16.65	16.70	16.65		
20	256QAM	1	99	16.48	16.63	16.57		
20	256QAM	50	0	16.62	16.71	16.66	18	5
20	256QAM	50	24	16.60	16.66	16.55		
20	256QAM	50	50	16.49	16.59	16.45		
20	256QAM	100	0	16.61	16.68	16.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.59	21.72	21.67	23	0
15	QPSK	1	37	21.60	21.69	21.63		
15	QPSK	1	74	21.54	21.58	21.62		
15	QPSK	36	0	20.74	20.79	20.75	22	1
15	QPSK	36	20	20.58	20.68	20.66		
15	QPSK	36	39	20.55	20.62	20.55		
15	QPSK	75	0	20.52	20.70	20.69		
15	16QAM	1	0	20.65	20.68	20.53	22	1
15	16QAM	1	37	20.48	20.55	20.49		
15	16QAM	1	74	20.45	20.51	20.45		
15	16QAM	36	0	19.50	19.74	19.61	21	2
15	16QAM	36	20	19.53	19.60	19.53		
15	16QAM	36	39	19.52	19.60	19.57		
15	16QAM	75	0	19.52	19.61	19.58		
15	64QAM	1	0	19.42	19.55	19.40	21	2
15	64QAM	1	37	19.43	19.51	19.40		
15	64QAM	1	74	19.35	19.39	19.30		
15	64QAM	36	0	18.56	18.57	18.42	20	3
15	64QAM	36	20	18.52	18.58	18.50		
15	64QAM	36	39	18.48	18.50	18.42		
15	64QAM	75	0	18.48	18.59	18.48		
15	256QAM	1	0	16.55	16.66	16.50	18	5
15	256QAM	1	37	16.62	16.65	16.61		
15	256QAM	1	74	16.38	16.55	16.49		
15	256QAM	36	0	16.56	16.58	16.55	18	5
15	256QAM	36	20	16.56	16.54	16.47		
15	256QAM	36	39	16.39	16.50	16.32		
15	256QAM	75	0	16.50	16.55	16.47		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.65	21.80	21.69	23	0
10	QPSK	1	25	21.55	21.72	21.66		
10	QPSK	1	49	21.54	21.64	21.60		
10	QPSK	25	0	20.64	20.76	20.77	22	1
10	QPSK	25	12	20.55	20.72	20.66		
10	QPSK	25	25	20.57	20.70	20.56		
10	QPSK	50	0	20.51	20.66	20.58		
10	16QAM	1	0	20.64	20.59	20.51	22	1
10	16QAM	1	25	20.51	20.59	20.43		
10	16QAM	1	49	20.50	20.51	20.45		
10	16QAM	25	0	19.52	19.64	19.59	21	2
10	16QAM	25	12	19.51	19.63	19.59		
10	16QAM	25	25	19.59	19.62	19.57		
10	16QAM	50	0	19.60	19.63	19.60		
10	64QAM	1	0	19.38	19.61	19.40	21	2
10	64QAM	1	25	19.48	19.48	19.41		
10	64QAM	1	49	19.38	19.42	19.30		
10	64QAM	25	0	18.50	18.55	18.47	20	3
10	64QAM	25	12	18.48	18.60	18.49		
10	64QAM	25	25	18.41	18.47	18.45		
10	64QAM	50	0	18.44	18.56	18.48		
10	256QAM	1	0	16.58	16.64	16.60	18	5
10	256QAM	1	25	16.58	16.66	16.58		
10	256QAM	1	49	16.41	16.53	16.53		
10	256QAM	25	0	16.54	16.58	16.61	18	5
10	256QAM	25	12	16.48	16.59	16.40		
10	256QAM	25	25	16.46	16.46	16.41		
10	256QAM	50	0	16.57	16.54	16.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.64	21.77	21.72	23	0
5	QPSK	1	12	21.60	21.70	21.62		
5	QPSK	1	24	21.46	21.57	21.63		
5	QPSK	12	0	20.64	20.78	20.73	22	1
5	QPSK	12	7	20.63	20.70	20.59		
5	QPSK	12	13	20.60	20.62	20.45		
5	QPSK	25	0	20.57	20.71	20.60		
5	16QAM	1	0	20.59	20.68	20.60	22	1
5	16QAM	1	12	20.47	20.60	20.49		
5	16QAM	1	24	20.53	20.54	20.50		
5	16QAM	12	0	19.50	19.66	19.55	21	2
5	16QAM	12	7	19.53	19.59	19.51		
5	16QAM	12	13	19.56	19.58	19.58		
5	16QAM	25	0	19.55	19.60	19.64		
5	64QAM	1	0	19.39	19.53	19.39	21	2
5	64QAM	1	12	19.36	19.46	19.43		
5	64QAM	1	24	19.36	19.43	19.35		
5	64QAM	12	0	18.49	18.55	18.41	20	3
5	64QAM	12	7	18.55	18.61	18.51		
5	64QAM	12	13	18.41	18.43	18.39		
5	64QAM	25	0	18.48	18.53	18.46		
5	256QAM	1	0	16.46	16.70	16.51	18	5
5	256QAM	1	12	16.54	16.56	16.51		
5	256QAM	1	24	16.36	16.57	16.50		
5	256QAM	12	0	16.50	16.58	16.60	18	5
5	256QAM	12	7	16.56	16.59	16.46		
5	256QAM	12	13	16.39	16.45	16.34		
5	256QAM	25	0	16.54	16.63	16.50		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.65	21.70	21.65	23	0
3	QPSK	1	8	21.59	21.71	21.57		
3	QPSK	1	14	21.49	21.68	21.58		
3	QPSK	8	0	20.69	20.78	20.79	22	1
3	QPSK	8	4	20.57	20.76	20.61		
3	QPSK	8	7	20.56	20.68	20.49		
3	QPSK	15	0	20.62	20.64	20.67		
3	16QAM	1	0	20.62	20.71	20.61	22	1
3	16QAM	1	8	20.45	20.65	20.48		
3	16QAM	1	14	20.48	20.49	20.51		
3	16QAM	8	0	19.56	19.72	19.57	21	2
3	16QAM	8	4	19.51	19.62	19.50		
3	16QAM	8	7	19.56	19.63	19.58		
3	16QAM	15	0	19.56	19.59	19.59		
3	64QAM	1	0	19.43	19.59	19.40	21	2
3	64QAM	1	8	19.47	19.51	19.44		
3	64QAM	1	14	19.34	19.40	19.32		
3	64QAM	8	0	18.52	18.59	18.46	20	3
3	64QAM	8	4	18.44	18.57	18.48		
3	64QAM	8	7	18.44	18.46	18.47		
3	64QAM	15	0	18.48	18.56	18.50		
3	256QAM	1	0	16.51	16.60	16.54	18	5
3	256QAM	1	8	16.61	16.66	16.61		
3	256QAM	1	14	16.35	16.50	16.51		
3	256QAM	8	0	16.54	16.56	16.57	18	5
3	256QAM	8	4	16.49	16.53	16.41		
3	256QAM	8	7	16.39	16.45	16.39		
3	256QAM	15	0	16.48	16.64	16.52		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.65	21.75	21.68	23	0
1.4	QPSK	1	3	21.56	21.66	21.61		
1.4	QPSK	1	5	21.52	21.68	21.52		
1.4	QPSK	3	0	21.60	21.70	21.65		
1.4	QPSK	3	1	21.54	21.72	21.60		
1.4	QPSK	3	3	21.43	21.67	21.54		
1.4	QPSK	6	0	20.69	20.71	20.75	22	1
1.4	16QAM	1	0	20.61	20.71	20.64	22	1
1.4	16QAM	1	3	20.56	20.65	20.46		
1.4	16QAM	1	5	20.61	20.69	20.60		
1.4	16QAM	3	0	20.61	20.64	20.52		
1.4	16QAM	3	1	20.52	20.57	20.47		
1.4	16QAM	3	3	20.50	20.58	20.50		
1.4	16QAM	6	0	19.59	19.75	19.58	21	2
1.4	64QAM	1	0	19.50	19.66	19.60	21	2
1.4	64QAM	1	3	19.54	19.60	19.47		
1.4	64QAM	1	5	19.56	19.65	19.56		
1.4	64QAM	3	0	19.53	19.58	19.46		
1.4	64QAM	3	1	19.51	19.54	19.49		
1.4	64QAM	3	3	19.40	19.48	19.42		
1.4	64QAM	6	0	18.49	18.57	18.42	20	3
1.4	256QAM	1	0	16.57	16.71	16.57	18	5
1.4	256QAM	1	3	16.55	16.57	16.61		
1.4	256QAM	1	5	16.43	16.54	16.43		
1.4	256QAM	3	0	16.55	16.63	16.63		
1.4	256QAM	3	1	16.52	16.62	16.49		
1.4	256QAM	3	3	16.36	16.44	16.33		
1.4	256QAM	6	0	16.47	16.56	16.52	18	5

Band 38 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.41	22.53	22.49	24	0
20	QPSK	1	49	22.32	22.35	22.39		
20	QPSK	1	99	22.25	22.32	22.29		
20	QPSK	50	0	21.48	21.53	21.47	23	1
20	QPSK	50	24	21.36	21.45	21.40		
20	QPSK	50	50	21.31	21.41	21.31		
20	QPSK	100	0	21.37	21.48	21.34		
20	16QAM	1	0	21.32	21.38	21.36	23	1
20	16QAM	1	49	21.28	21.43	21.31		
20	16QAM	1	99	21.30	21.35	21.16		
20	16QAM	50	0	20.41	20.54	20.36	22	2
20	16QAM	50	24	20.34	20.39	20.33		
20	16QAM	50	50	20.20	20.37	20.29		
20	16QAM	100	0	20.39	20.40	20.42		
20	64QAM	1	0	20.28	20.41	20.40	22	2
20	64QAM	1	49	20.26	20.31	20.34		
20	64QAM	1	99	20.29	20.33	20.14		
20	64QAM	50	0	19.34	19.49	19.38	21	3
20	64QAM	50	24	19.41	19.46	19.29		
20	64QAM	50	50	19.26	19.45	19.30		
20	64QAM	100	0	19.34	19.43	19.44		
20	256QAM	1	0	17.42	17.47	17.34	19	5
20	256QAM	1	49	17.32	17.44	17.31		
20	256QAM	1	99	17.20	17.34	17.23		
20	256QAM	50	0	17.28	17.36	17.33	19	5
20	256QAM	50	24	17.20	17.40	17.27		
20	256QAM	50	50	17.18	17.27	17.12		
20	256QAM	100	0	17.30	17.35	17.17		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.26	22.49	22.41	24	0
15	QPSK	1	37	22.19	22.23	22.30		
15	QPSK	1	74	22.12	22.20	22.21		
15	QPSK	36	0	21.40	21.42	21.36	23	1
15	QPSK	36	20	21.25	21.35	21.31		
15	QPSK	36	39	21.20	21.36	21.17		
15	QPSK	75	0	21.23	21.42	21.29		
15	16QAM	1	0	21.27	21.28	21.25	23	1
15	16QAM	1	37	21.22	21.39	21.19		
15	16QAM	1	74	21.25	21.26	21.04		
15	16QAM	36	0	20.30	20.45	20.22	22	2
15	16QAM	36	20	20.19	20.28	20.30		
15	16QAM	36	39	20.17	20.22	20.16		
15	16QAM	75	0	20.35	20.26	20.38		
15	64QAM	1	0	20.13	20.35	20.37	22	2
15	64QAM	1	37	20.14	20.25	20.29		
15	64QAM	1	74	20.15	20.29	20.06		
15	64QAM	36	0	19.28	19.41	19.33	21	3
15	64QAM	36	20	19.36	19.36	19.24		
15	64QAM	36	39	19.21	19.36	19.26		
15	64QAM	75	0	19.27	19.36	19.31		
15	256QAM	1	0	17.34	17.40	17.24	19	5
15	256QAM	1	37	17.27	17.37	17.22		
15	256QAM	1	74	17.16	17.27	17.14		
15	256QAM	36	0	17.19	17.24	17.27	19	5
15	256QAM	36	20	17.16	17.33	17.13		
15	256QAM	36	39	17.15	17.12	17.03		
15	256QAM	75	0	17.16	17.30	17.07		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.29	22.47	22.41	24	0
10	QPSK	1	25	22.23	22.30	22.27		
10	QPSK	1	49	22.19	22.21	22.25		
10	QPSK	25	0	21.34	21.38	21.41	23	1
10	QPSK	25	12	21.28	21.36	21.32		
10	QPSK	25	25	21.17	21.37	21.25		
10	QPSK	50	0	21.32	21.44	21.27		
10	16QAM	1	0	21.23	21.26	21.30	23	1
10	16QAM	1	25	21.13	21.37	21.27		
10	16QAM	1	49	21.22	21.28	21.08		
10	16QAM	25	0	20.36	20.50	20.29	22	2
10	16QAM	25	12	20.28	20.28	20.27		
10	16QAM	25	25	20.11	20.29	20.20		
10	16QAM	50	0	20.33	20.29	20.34		
10	64QAM	1	0	20.14	20.36	20.29	22	2
10	64QAM	1	25	20.18	20.20	20.24		
10	64QAM	1	49	20.15	20.30	20.02		
10	64QAM	25	0	19.20	19.40	19.27	21	3
10	64QAM	25	12	19.33	19.32	19.25		
10	64QAM	25	25	19.16	19.32	19.22		
10	64QAM	50	0	19.24	19.30	19.36		
10	256QAM	1	0	17.37	17.41	17.21	19	5
10	256QAM	1	25	17.27	17.32	17.18		
10	256QAM	1	49	17.16	17.27	17.09		
10	256QAM	25	0	17.16	17.23	17.30	19	5
10	256QAM	25	12	17.13	17.31	17.14		
10	256QAM	25	25	17.10	17.20	17.09		
10	256QAM	50	0	17.18	17.27	17.10		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.26	22.40	22.42	24	0
5	QPSK	1	12	22.27	22.21	22.34		
5	QPSK	1	24	22.17	22.17	22.21		
5	QPSK	12	0	21.43	21.47	21.44	23	1
5	QPSK	12	7	21.30	21.39	21.30		
5	QPSK	12	13	21.20	21.36	21.22		
5	QPSK	25	0	21.30	21.44	21.19		
5	16QAM	1	0	21.27	21.30	21.27	23	1
5	16QAM	1	12	21.15	21.32	21.22		
5	16QAM	1	24	21.23	21.31	21.04		
5	16QAM	12	0	20.36	20.40	20.32	22	2
5	16QAM	12	7	20.28	20.30	20.20		
5	16QAM	12	13	20.11	20.29	20.15		
5	16QAM	25	0	20.35	20.31	20.29		
5	64QAM	1	0	20.21	20.28	20.27	22	2
5	64QAM	1	12	20.16	20.22	20.23		
5	64QAM	1	24	20.25	20.28	20.07		
5	64QAM	12	0	19.28	19.35	19.27	21	3
5	64QAM	12	7	19.38	19.39	19.24		
5	64QAM	12	13	19.23	19.35	19.19		
5	64QAM	25	0	19.24	19.29	19.31		
5	256QAM	1	0	17.30	17.33	17.22	19	5
5	256QAM	1	12	17.23	17.35	17.25		
5	256QAM	1	24	17.05	17.29	17.19		
5	256QAM	12	0	17.13	17.30	17.29	19	5
5	256QAM	12	7	17.13	17.30	17.21		
5	256QAM	12	13	17.09	17.18	17.06		
5	256QAM	25	0	17.15	17.31	17.06		

Band 41 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.54	22.62	22.69	22.51	22.48	24	0
20	QPSK	1	49	22.50	22.59	22.64	22.46	22.43		
20	QPSK	1	99	22.52	22.51	22.57	22.38	22.35		
20	QPSK	50	0	21.54	21.57	21.64	21.55	21.44	23	1
20	QPSK	50	24	21.50	21.45	21.59	21.47	21.43		
20	QPSK	50	50	21.38	21.47	21.52	21.42	21.31		
20	QPSK	100	0	21.50	21.45	21.58	21.43	21.39		
20	16QAM	1	0	21.40	21.46	21.53	21.38	21.40	23	1
20	16QAM	1	49	21.42	21.33	21.48	21.36	21.33		
20	16QAM	1	99	21.37	21.30	21.41	21.26	21.22		
20	16QAM	50	0	20.54	20.53	20.62	20.46	20.38	22	2
20	16QAM	50	24	20.43	20.43	20.57	20.45	20.40		
20	16QAM	50	50	20.41	20.37	20.50	20.31	20.32		
20	16QAM	100	0	20.53	20.51	20.57	20.39	20.37		
20	64QAM	1	0	20.38	20.40	20.51	20.31	20.35	22	2
20	64QAM	1	49	20.39	20.35	20.46	20.29	20.32		
20	64QAM	1	99	20.28	20.29	20.39	20.21	20.21		
20	64QAM	50	0	19.48	19.58	19.63	19.53	19.38	21	3
20	64QAM	50	24	19.43	19.51	19.58	19.39	19.41		
20	64QAM	50	50	19.37	19.40	19.51	19.34	19.28		
20	64QAM	100	0	19.52	19.42	19.56	19.39	19.39		
20	256QAM	1	0	17.54	17.62	17.66	17.49	17.44	19	5
20	256QAM	1	49	17.54	17.54	17.61	17.52	17.38		
20	256QAM	1	99	17.42	17.43	17.54	17.45	17.33		
20	256QAM	50	0	17.48	17.59	17.62	17.52	17.45	19	5
20	256QAM	50	24	17.44	17.47	17.57	17.45	17.42		
20	256QAM	50	50	17.46	17.42	17.50	17.36	17.33		
20	256QAM	100	0	17.38	17.35	17.47	17.32	17.31		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.42	22.52	22.63	22.43	22.40	24.00	0
15	QPSK	1	37	22.45	22.54	22.54	22.41	22.31		
15	QPSK	1	74	22.40	22.40	22.48	22.29	22.22		
15	QPSK	36	0	21.45	21.53	21.49	21.43	21.36	23	1
15	QPSK	36	20	21.45	21.38	21.53	21.41	21.30		
15	QPSK	36	39	21.25	21.36	21.40	21.35	21.27		
15	QPSK	75	0	21.42	21.32	21.45	21.37	21.34		
15	16QAM	1	0	21.28	21.39	21.40	21.26	21.27	23	1
15	16QAM	1	37	21.37	21.19	21.37	21.25	21.23		
15	16QAM	1	74	21.23	21.20	21.29	21.20	21.14		
15	16QAM	36	0	20.48	20.40	20.59	20.42	20.24	22	2
15	16QAM	36	20	20.29	20.29	20.46	20.41	20.26		
15	16QAM	36	39	20.31	20.32	20.41	20.21	20.26		
15	16QAM	75	0	20.43	20.43	20.49	20.28	20.33		
15	64QAM	1	0	20.33	20.37	20.45	20.20	20.29	22	2
15	64QAM	1	37	20.33	20.24	20.36	20.20	20.21		
15	64QAM	1	74	20.16	20.15	20.30	20.13	20.12		
15	64QAM	36	0	19.42	19.44	19.57	19.39	19.31	21	3
15	64QAM	36	20	19.37	19.44	19.51	19.31	19.36		
15	64QAM	36	39	19.32	19.33	19.47	19.20	19.13		
15	64QAM	75	0	19.43	19.33	19.43	19.35	19.32		
15	256QAM	1	0	17.43	17.55	17.55	17.43	17.34	19	5
15	256QAM	1	37	17.45	17.46	17.56	17.39	17.34		
15	256QAM	1	74	17.30	17.39	17.48	17.35	17.22		
15	256QAM	36	0	17.34	17.53	17.49	17.43	17.38	19	5
15	256QAM	36	20	17.31	17.36	17.53	17.33	17.32		
15	256QAM	36	39	17.41	17.37	17.44	17.24	17.25		
15	256QAM	75	0	17.24	17.29	17.40	17.19	17.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.40	22.58	22.57	22.38	22.37	24.00	0
10	QPSK	1	25	22.43	22.44	22.51	22.32	22.35		
10	QPSK	1	49	22.47	22.39	22.42	22.35	22.22		
10	QPSK	25	0	21.49	21.43	21.59	21.44	21.37	23	1
10	QPSK	25	12	21.41	21.36	21.46	21.37	21.35		
10	QPSK	25	25	21.26	21.36	21.48	21.33	21.16		
10	QPSK	50	0	21.44	21.39	21.46	21.29	21.25		
10	16QAM	1	0	21.36	21.42	21.39	21.35	21.33	23	1
10	16QAM	1	25	21.36	21.22	21.34	21.28	21.29		
10	16QAM	1	49	21.33	21.18	21.34	21.21	21.18		
10	16QAM	25	0	20.40	20.41	20.48	20.34	20.30	22	2
10	16QAM	25	12	20.38	20.33	20.54	20.32	20.32		
10	16QAM	25	25	20.30	20.24	20.35	20.26	20.19		
10	16QAM	50	0	20.38	20.47	20.47	20.35	20.32		
10	64QAM	1	0	20.26	20.27	20.38	20.20	20.23	22	2
10	64QAM	1	25	20.29	20.21	20.41	20.17	20.27		
10	64QAM	1	49	20.16	20.24	20.28	20.17	20.14		
10	64QAM	25	0	19.35	19.51	19.55	19.43	19.35	21	3
10	64QAM	25	12	19.40	19.45	19.45	19.24	19.29		
10	64QAM	25	25	19.29	19.28	19.39	19.27	19.14		
10	64QAM	50	0	19.40	19.37	19.42	19.28	19.29		
10	256QAM	1	0	17.48	17.52	17.58	17.36	17.30	19	5
10	256QAM	1	25	17.45	17.43	17.55	17.49	17.24		
10	256QAM	1	49	17.31	17.30	17.47	17.34	17.29		
10	256QAM	25	0	17.36	17.54	17.51	17.39	17.34	19	5
10	256QAM	25	12	17.39	17.39	17.54	17.41	17.31		
10	256QAM	25	25	17.32	17.32	17.36	17.24	17.25		
10	256QAM	50	0	17.34	17.31	17.41	17.19	17.19		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.48	22.56	22.66	22.43	22.41	24.00	0
5	QPSK	1	12	22.40	22.55	22.54	22.35	22.29		
5	QPSK	1	24	22.41	22.44	22.54	22.32	22.30		
5	QPSK	12	0	21.40	21.48	21.58	21.44	21.33	23	1
5	QPSK	12	7	21.45	21.39	21.50	21.43	21.32		
5	QPSK	12	13	21.25	21.33	21.42	21.37	21.21		
5	QPSK	25	0	21.43	21.41	21.52	21.36	21.24		
5	16QAM	1	0	21.27	21.33	21.38	21.29	21.25	23	1
5	16QAM	1	12	21.33	21.26	21.43	21.29	21.22		
5	16QAM	1	24	21.25	21.17	21.29	21.18	21.13		
5	16QAM	12	0	20.42	20.45	20.56	20.33	20.31	22	2
5	16QAM	12	7	20.34	20.33	20.44	20.36	20.28		
5	16QAM	12	13	20.32	20.26	20.39	20.27	20.18		
5	16QAM	25	0	20.48	20.37	20.47	20.35	20.26		
5	64QAM	1	0	20.34	20.35	20.44	20.21	20.27	22	2
5	64QAM	1	12	20.24	20.26	20.37	20.25	20.24		
5	64QAM	1	24	20.14	20.24	20.31	20.11	20.17		
5	64QAM	12	0	19.41	19.45	19.54	19.43	19.31	21	3
5	64QAM	12	7	19.29	19.35	19.49	19.24	19.34		
5	64QAM	12	13	19.32	19.36	19.46	19.21	19.19		
5	64QAM	25	0	19.42	19.38	19.46	19.31	19.34		
5	256QAM	1	0	17.39	17.47	17.58	17.43	17.40	19	5
5	256QAM	1	12	17.45	17.46	17.54	17.47	17.35		
5	256QAM	1	24	17.28	17.28	17.43	17.37	17.28		
5	256QAM	12	0	17.36	17.50	17.57	17.46	17.30	19	5
5	256QAM	12	7	17.35	17.43	17.50	17.33	17.34		
5	256QAM	12	13	17.32	17.33	17.36	17.32	17.27		
5	256QAM	25	0	17.25	17.31	17.35	17.19	17.16		

Band 41 HPUE Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.50	25.47	25.54	25.41	25.55	27	0
20	QPSK	1	49	25.33	25.40	25.58	25.35	25.53		
20	QPSK	1	99	25.29	25.33	25.51	25.31	25.41		
20	QPSK	50	0	25.33	25.30	25.49	25.29	25.37	27	0
20	QPSK	50	24	25.27	25.29	25.46	25.27	25.33		
20	QPSK	50	50	25.18	25.22	25.40	25.18	25.26		
20	QPSK	100	0	25.19	25.19	25.38	25.22	25.28		
20	16QAM	1	0	25.18	25.28	25.42	25.23	25.34	27	0
20	16QAM	1	49	25.20	25.14	25.39	25.16	25.28		
20	16QAM	1	99	25.16	25.13	25.35	25.12	25.27		
20	16QAM	50	0	24.29	24.40	24.53	24.34	24.44	26	1
20	16QAM	50	24	24.32	24.26	24.50	24.27	24.42		
20	16QAM	50	50	24.21	24.24	24.46	24.22	24.39		
20	16QAM	100	0	24.25	24.23	24.42	24.19	24.28		
20	64QAM	1	0	24.57	24.66	24.80	24.57	24.75	26	1
20	64QAM	1	49	24.55	24.52	24.74	24.54	24.66		
20	64QAM	1	99	24.52	24.55	24.70	24.50	24.65		
20	64QAM	50	0	23.37	23.35	23.56	23.39	23.46	25	2
20	64QAM	50	24	23.33	23.33	23.53	23.31	23.45		
20	64QAM	50	50	23.35	23.25	23.49	23.33	23.44		
20	64QAM	100	0	23.23	23.29	23.44	23.31	23.33		
20	256QAM	1	0	21.51	21.49	21.68	21.44	21.58	23	4
20	256QAM	1	49	21.43	21.41	21.61	21.42	21.52		
20	256QAM	1	99	21.30	21.36	21.55	21.41	21.51		
20	256QAM	50	0	21.37	21.38	21.52	21.34	21.45	23	4
20	256QAM	50	24	21.27	21.23	21.46	21.24	21.39		
20	256QAM	50	50	21.23	21.26	21.41	21.20	21.35		
20	256QAM	100	0	21.10	21.12	21.34	21.15	21.24		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.47	25.39	25.51	25.36	25.50	27.00	0
15	QPSK	1	37	25.29	25.33	25.46	25.29	25.46		
15	QPSK	1	74	25.15	25.26	25.38	25.24	25.30		
15	QPSK	36	0	25.25	25.24	25.46	25.24	25.26	27	0
15	QPSK	36	20	25.13	25.15	25.43	25.21	25.21		
15	QPSK	36	39	25.04	25.11	25.30	25.08	25.12		
15	QPSK	75	0	25.04	25.06	25.28	25.17	25.24		
15	16QAM	1	0	25.05	25.14	25.32	25.16	25.28	27	0
15	16QAM	1	37	25.06	25.11	25.27	25.03	25.20		
15	16QAM	1	74	25.10	25.00	25.28	25.07	25.21		
15	16QAM	36	0	24.17	24.33	24.39	24.24	24.35	26	1
15	16QAM	36	20	24.25	24.18	24.44	24.15	24.31		
15	16QAM	36	39	24.11	24.09	24.37	24.10	24.26		
15	16QAM	75	0	24.20	24.08	24.29	24.05	24.17		
15	64QAM	1	0	24.44	24.57	24.72	24.47	24.70	26	1
15	64QAM	1	37	24.49	24.48	24.63	24.49	24.55		
15	64QAM	1	74	24.42	24.42	24.62	24.38	24.61		
15	64QAM	36	0	23.26	23.22	23.47	23.29	23.33	25	2
15	64QAM	36	20	23.23	23.28	23.40	23.19	23.34		
15	64QAM	36	39	23.22	23.16	23.36	23.21	23.39		
15	64QAM	75	0	23.19	23.25	23.32	23.18	23.23		
15	256QAM	1	0	21.44	21.44	21.54	21.33	21.45	23	4
15	256QAM	1	37	21.29	21.29	21.56	21.28	21.46		
15	256QAM	1	74	21.25	21.29	21.52	21.31	21.41		
15	256QAM	36	0	21.28	21.27	21.39	21.26	21.30	23	4
15	256QAM	36	20	21.12	21.14	21.34	21.18	21.27		
15	256QAM	36	39	21.14	21.22	21.37	21.12	21.30		
15	256QAM	75	0	21.06	21.19	21.21	21.00	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.38	25.38	25.57	25.37	25.48	27.00	0
10	QPSK	1	25	25.25	25.31	25.46	25.25	25.42		
10	QPSK	1	49	25.21	25.18	25.38	25.17	25.37		
10	QPSK	25	0	25.22	25.18	25.46	25.22	25.32	27	0
10	QPSK	25	12	25.17	25.21	25.43	25.22	25.26		
10	QPSK	25	25	25.04	25.13	25.35	25.10	25.14		
10	QPSK	50	0	25.15	25.06	25.31	25.14	25.24		
10	16QAM	1	0	25.06	25.20	25.30	25.17	25.24	27	0
10	16QAM	1	25	25.06	25.05	25.33	25.12	25.25		
10	16QAM	1	49	25.09	25.07	25.30	25.17	25.24		
10	16QAM	25	0	24.21	24.28	24.44	24.25	24.39	26	1
10	16QAM	25	12	24.23	24.19	24.46	24.18	24.29		
10	16QAM	25	25	24.13	24.11	24.43	24.17	24.35		
10	16QAM	50	0	24.17	24.12	24.31	24.16	24.22		
10	64QAM	1	0	24.44	24.56	24.74	24.49	24.63	26	1
10	64QAM	1	25	24.43	24.46	24.60	24.49	24.61		
10	64QAM	1	49	24.38	24.51	24.59	24.41	24.56		
10	64QAM	25	0	23.23	23.26

Band 42 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.66	23.71	23.59	24	0
20	QPSK	1	49	23.62	23.66	23.57		
20	QPSK	1	99	23.52	23.59	23.48		
20	QPSK	50	0	22.57	22.65	22.53	23	1
20	QPSK	50	24	22.50	22.60	22.56		
20	QPSK	50	50	22.45	22.53	22.39		
20	QPSK	100	0	22.44	22.58	22.51		
20	16QAM	1	0	22.38	22.52	22.42	23	1
20	16QAM	1	49	22.37	22.47	22.44		
20	16QAM	1	99	22.35	22.40	22.30		
20	16QAM	50	0	21.52	21.66	21.59	22	2
20	16QAM	50	24	21.53	21.61	21.48		
20	16QAM	50	50	21.44	21.54	21.49		
20	16QAM	100	0	21.46	21.58	21.47		
20	64QAM	1	0	21.45	21.53	21.48	22	2
20	64QAM	1	49	21.38	21.48	21.44		
20	64QAM	1	99	21.36	21.41	21.37		
20	64QAM	50	0	20.56	20.60	20.53	21	3
20	64QAM	50	24	20.50	20.55	20.50		
20	64QAM	50	50	20.40	20.48	20.34		
20	64QAM	100	0	20.43	20.55	20.40		
20	256QAM	1	0	18.46	18.51	18.42	19	5
20	256QAM	1	49	18.35	18.46	18.36		
20	256QAM	1	99	18.28	18.39	18.30		
20	256QAM	50	0	18.40	18.46	18.34	19	5
20	256QAM	50	24	18.27	18.41	18.20		
20	256QAM	50	50	18.29	18.34	18.21		
20	256QAM	100	0	18.37	18.40	18.34		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.53	23.67	23.45	24	0
15	QPSK	1	37	23.54	23.60	23.53		
15	QPSK	1	74	23.49	23.46	23.38		
15	QPSK	36	0	22.49	22.50	22.44	23	1
15	QPSK	36	20	22.51	22.47	22.50		
15	QPSK	36	39	22.40	22.41	22.35		
15	QPSK	75	0	22.31	22.54	22.37		
15	16QAM	1	0	22.35	22.38	22.29	23	1
15	16QAM	1	37	22.31	22.37	22.38		
15	16QAM	1	74	22.32	22.32	22.24		
15	16QAM	36	0	21.47	21.54	21.51	22	2
15	16QAM	36	20	21.43	21.56	21.41		
15	16QAM	36	39	21.36	21.45	21.34		
15	16QAM	75	0	21.39	21.44	21.41		
15	64QAM	1	0	21.40	21.40	21.36	22	2
15	64QAM	1	37	21.27	21.36	21.30		
15	64QAM	1	74	21.25	21.37	21.27		
15	64QAM	36	0	20.43	20.56	20.40	21	3
15	64QAM	36	20	20.43	20.41	20.38		
15	64QAM	36	39	20.35	20.35	20.25		
15	64QAM	75	0	20.34	20.46	20.35		
15	256QAM	1	0	18.40	18.46	18.28	19	5
15	256QAM	1	37	18.26	18.32	18.22		
15	256QAM	1	74	18.22	18.35	18.23		
15	256QAM	36	0	18.31	18.43	18.30	19	5
15	256QAM	36	20	18.17	18.29	18.13		
15	256QAM	36	39	18.18	18.25	18.14		
15	256QAM	75	0	18.32	18.32	18.23		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.59	23.63	23.54	24	0
10	QPSK	1	25	23.49	23.51	23.52		
10	QPSK	1	49	23.43	23.49	23.34		
10	QPSK	25	0	22.50	22.52	22.48	23	1
10	QPSK	25	12	22.50	22.53	22.52		
10	QPSK	25	25	22.35	22.45	22.28		
10	QPSK	50	0	22.37	22.53	22.47		
10	16QAM	1	0	22.27	22.38	22.35	23	1
10	16QAM	1	25	22.22	22.39	22.32		
10	16QAM	1	49	22.24	22.34	22.22		
10	16QAM	25	0	21.37	21.61	21.45	22	2
10	16QAM	25	12	21.42	21.50	21.40		
10	16QAM	25	25	21.35	21.42	21.45		
10	16QAM	50	0	21.34	21.51	21.34		
10	64QAM	1	0	21.33	21.47	21.35	22	2
10	64QAM	1	25	21.24	21.37	21.29		
10	64QAM	1	49	21.30	21.27	21.33		
10	64QAM	25	0	20.42	20.48	20.43	21	3
10	64QAM	25	12	20.42	20.41	20.42		
10	64QAM	25	25	20.30	20.34	20.26		
10	64QAM	50	0	20.33	20.50	20.29		
10	256QAM	1	0	18.40	18.43	18.39	19	5
10	256QAM	1	25	18.25	18.35	18.29		
10	256QAM	1	49	18.15	18.33	18.24		
10	256QAM	25	0	18.32	18.39	18.24	19	5
10	256QAM	25	12	18.19	18.32	18.15		
10	256QAM	25	25	18.19	18.25	18.15		
10	256QAM	50	0	18.34	18.32	18.31		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.56	23.65	23.44	24	0
5	QPSK	1	12	23.47	23.60	23.54		
5	QPSK	1	24	23.46	23.55	23.39		
5	QPSK	12	0	22.45	22.59	22.46	23	1
5	QPSK	12	7	22.42	22.54	22.47		
5	QPSK	12	13	22.35	22.48	22.34		
5	QPSK	25	0	22.34	22.45	22.37		
5	16QAM	1	0	22.30	22.46	22.31	23	1
5	16QAM	1	12	22.28	22.35	22.38		
5	16QAM	1	24	22.26	22.27	22.23		
5	16QAM	12	0	21.48	21.53	21.50	22	2
5	16QAM	12	7	21.45	21.48	21.41		
5	16QAM	12	13	21.35	21.41	21.35		
5	16QAM	25	0	21.39	21.47	21.41		
5	64QAM	1	0	21.39	21.48	21.43	22	2
5	64QAM	1	12	21.35	21.41	21.40		
5	64QAM	1	24	21.27	21.29	21.27		
5	64QAM	12	0	20.50	20.47	20.47	21	3
5	64QAM	12	7	20.47	20.42	20.37		
5	64QAM	12	13	20.25	20.34	20.25		
5	64QAM	25	0	20.38	20.43	20.32		
5	256QAM	1	0	18.40	18.43	18.29	19	5
5	256QAM	1	12	18.30	18.32	18.27		
5	256QAM	1	24	18.18	18.29	18.26		
5	256QAM	12	0	18.28	18.32	18.24	19	5
5	256QAM	12	7	18.12	18.36	18.07		
5	256QAM	12	13	18.17	18.30	18.12		
5	256QAM	25	0	18.23	18.30	18.19		

Band 42 Part 96 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	23.56	23.58	23.43	24	0
20	QPSK	1	49	23.56	23.55	23.43		
20	QPSK	1	99	23.38	23.52	23.37		
20	QPSK	50	0	22.47	22.60	22.48	23	1
20	QPSK	50	24	22.44	22.43	22.45		
20	QPSK	50	50	22.36	22.35	22.33		
20	QPSK	100	0	22.29	22.53	22.46		
20	16QAM	1	0	22.35	22.37	22.38	23	1
20	16QAM	1	49	22.23	22.32	22.26		
20	16QAM	1	99	22.26	22.34	22.15		
20	16QAM	50	0	21.40	21.64	21.43	22	2
20	16QAM	50	24	21.39	21.48	21.46		
20	16QAM	50	50	21.26	21.51	21.41		
20	16QAM	100	0	21.30	21.50	21.32		
20	64QAM	1	0	21.38	21.50	21.38	22	2
20	64QAM	1	49	21.25	21.44	21.29		
20	64QAM	1	99	21.26	21.28	21.23		
20	64QAM	50	0	20.49	20.56	20.51	21	3
20	64QAM	50	24	20.40	20.49	20.47		
20	64QAM	50	50	20.35	20.39	20.18		
20	64QAM	100	0	20.29	20.41	20.27		
20	256QAM	1	0	18.33	18.38	18.30	19	5
20	256QAM	1	49	18.27	18.37	18.30		
20	256QAM	1	99	18.22	18.24	18.20		
20	256QAM	50	0	18.37	18.35	18.27	19	5
20	256QAM	50	24	18.15	18.34	18.03		
20	256QAM	50	50	18.17	18.21	18.03		
20	256QAM	100	0	18.32	18.35	18.24		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	23.52	23.56	23.42	24	0
15	QPSK	1	37	23.45	23.52	23.42		
15	QPSK	1	74	23.36	23.41	23.31		
15	QPSK	36	0	22.38	22.58	22.39	23	1
15	QPSK	36	20	22.32	22.28	22.36		
15	QPSK	36	39	22.31	22.25	22.22		
15	QPSK	75	0	22.24	22.39	22.37		
15	16QAM	1	0	22.31	22.29	22.29	23	1
15	16QAM	1	37	22.08	22.27	22.13		
15	16QAM	1	74	22.23	22.26	22.11		
15	16QAM	36	0	21.31	21.50	21.37	22	2
15	16QAM	36	20	21.32	21.33	21.44		
15	16QAM	36	39	21.21	21.42	21.26		
15	16QAM	75	0	21.22	21.42	21.22		
15	64QAM	1	0	21.35	21.46	21.35	22	2
15	64QAM	1	37	21.09	21.39	21.25		
15	64QAM	1	74	21.21	21.18	21.21		
15	64QAM	36	0	20.45	20.54	20.35	21	3
15	64QAM	36	20	20.23	20.46	20.31		
15	64QAM	36	39	20.31	20.22	20.05		
15	64QAM	75	0	20.16	20.32	20.25		
15	256QAM	1	0	18.30	18.36	18.24	19	5
15	256QAM	1	37	18.22	18.25	18.17		
15	256QAM	1	74	18.12	18.18	18.18		
15	256QAM	36	0	18.29	18.32	18.15	19	5
15	256QAM	36	20	18.11	18.32	17.87		
15	256QAM	36	39	18.12	18.17	17.89		
15	256QAM	75	0	18.27	18.21	18.18		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	23.42	23.51	23.32	24	0
10	QPSK	1	25	23.42	23.49	23.40		
10	QPSK	1	49	23.26	23.50	23.27		
10	QPSK	25	0	22.33	22.44	22.41	23	1
10	QPSK	25	12	22.39	22.33	22.38		
10	QPSK	25	25	22.34	22.29	22.22		
10	QPSK	50	0	22.24	22.45	22.45		
10	16QAM	1	0	22.32	22.34	22.22	23	1
10	16QAM	1	25	22.16	22.16	22.17		
10	16QAM	1	49	22.14	22.27	22.05		
10	16QAM	25	0	21.31	21.63	21.34	22	2
10	16QAM	25	12	21.31	21.36	21.30		
10	16QAM	25	25	21.21	21.39	21.31		
10	16QAM	50	0	21.23	21.47	21.26		
10	64QAM	1	0	21.34	21.46	21.37	22	2
10	64QAM	1	25	21.16	21.30	21.28		
10	64QAM	1	49	21.19	21.20	21.18		
10	64QAM	25	0	20.37	20.42	20.38	21	3
10	64QAM	25	12	20.38	20.46	20.45		
10	64QAM	25	25	20.28	20.32	20.02		
10	64QAM	50	0	20.27	20.40	20.19		
10	256QAM	1	0	18.16	18.36	18.19	19	5
10	256QAM	1	25	18.16	18.21	18.18		
10	256QAM	1	49	18.17	18.10	18.10		
10	256QAM	25	0	18.22	18.32	18.24	19	5
10	256QAM	25	12	18.02	18.26	18.01		
10	256QAM	25	25	18.01	18.04	18.00		
10	256QAM	50	0	18.29	18.22	18.08		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	23.53	23.44	23.40	24	0
5	QPSK	1	12	23.47	23.46	23.26		
5	QPSK	1	24	23.31	23.38	23.22		
5	QPSK	12	0	22.33	22.54	22.45	23	1
5	QPSK	12	7	22.35	22.33	22.41		
5	QPSK	12	13	22.25	22.33	22.25		
5	QPSK	25	0	22.12	22.44	22.39		
5	16QAM	1	0	22.21	22.20	22.25	23	1
5	16QAM	1	12	22.18	22.23	22.24		
5	16QAM	1	24	22.19	22.23	22.11		
5	16QAM	12	0	21.37	21.48	21.36	22	2
5	16QAM	12	7	21.35	21.43	21.32		
5	16QAM	12	13	21.23	21.41	21.36		
5	16QAM	25	0	21.16	21.36	21.22		
5	64QAM	1	0	21.29	21.43	21.33	22	2
5	64QAM	1	12	21.17	21.30	21.23		
5	64QAM	1	24	21.24	21.17	21.10		
5	64QAM	12	0	20.48	20.46	20.41	21	3
5	64QAM	12	7	20.36	20.45	20.36		
5	64QAM	12	13	20.19	20.34	20.06		
5	64QAM	25	0	20.27	20.26	20.26		
5	256QAM	1	0	18.26	18.31	18.15	19	5
5	256QAM	1	12	18.22	18.26	18.23		
5	256QAM	1	24	18.18	18.12	18.18		
5	256QAM	12	0	18.32	18.28	18.18	19	5
5	256QAM	12	7	18.12	18.20	18.01		
5	256QAM	12	13	18.10	18.08	17.89		
5	256QAM	25	0	18.24	18.26	18.13		

Band 43 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3810	3850	3890		
20	QPSK	1	0	23.60	23.64	23.55	24	0
20	QPSK	1	49	23.54	23.59	23.48		
20	QPSK	1	99	23.47	23.52	23.47		
20	QPSK	50	0	22.51	22.57	22.45	23	1
20	QPSK	50	24	22.39	22.52	22.39		
20	QPSK	50	50	22.34	22.45	22.32		
20	QPSK	100	0	22.47	22.51	22.37		
20	16QAM	1	0	22.43	22.46	22.36	23	1
20	16QAM	1	49	22.36	22.41	22.38		
20	16QAM	1	99	22.30	22.34	22.29		
20	16QAM	50	0	21.41	21.53	21.49	22	2
20	16QAM	50	24	21.44	21.48	21.41		
20	16QAM	50	50	21.32	21.41	21.28		
20	16QAM	100	0	21.32	21.47	21.40		
20	64QAM	1	0	21.29	21.42	21.37	22	2
20	64QAM	1	49	21.31	21.37	21.33		
20	64QAM	1	99	21.24	21.30	21.21		
20	64QAM	50	0	20.46	20.53	20.40	21	3
20	64QAM	50	24	20.37	20.48	20.41		
20	64QAM	50	50	20.34	20.41	20.26		
20	64QAM	100	0	20.43	20.48	20.36		
20	256QAM	1	0	18.35	18.44	18.29	19	5
20	256QAM	1	49	18.29	18.39	18.35		
20	256QAM	1	99	18.19	18.32	18.19		
20	256QAM	50	0	18.34	18.37	18.31	19	5
20	256QAM	50	24	18.25	18.32	18.19		
20	256QAM	50	50	18.12	18.25	18.17		
20	256QAM	100	0	18.27	18.32	18.21		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	23.45	23.60	23.46	24	0
15	QPSK	1	37	23.51	23.50	23.33		
15	QPSK	1	74	23.43	23.43	23.34		
15	QPSK	36	0	22.45	22.46	22.37	23	1
15	QPSK	36	20	22.33	22.43	22.28		
15	QPSK	36	39	22.28	22.36	22.24		
15	QPSK	75	0	22.32	22.43	22.23		
15	16QAM	1	0	22.37	22.32	22.22	23	1
15	16QAM	1	37	22.25	22.35	22.25		
15	16QAM	1	74	22.26	22.26	22.26		
15	16QAM	36	0	21.28	21.46	21.38	22	2
15	16QAM	36	20	21.30	21.35	21.38		
15	16QAM	36	39	21.25	21.32	21.15		
15	16QAM	75	0	21.22	21.40	21.37		
15	64QAM	1	0	21.19	21.30	21.34	22	2
15	64QAM	1	37	21.18	21.26	21.20		
15	64QAM	1	74	21.15	21.21	21.08		
15	64QAM	36	0	20.35	20.44	20.30	21	3
15	64QAM	36	20	20.29	20.41	20.34		
15	64QAM	36	39	20.30	20.36	20.22		
15	64QAM	75	0	20.39	20.42	20.27		
15	256QAM	1	0	18.23	18.30	18.26	19	5
15	256QAM	1	37	18.22	18.24	18.25		
15	256QAM	1	74	18.04	18.24	18.15		
15	256QAM	36	0	18.26	18.28	18.21	19	5
15	256QAM	36	20	18.21	18.22	18.05		
15	256QAM	36	39	18.03	18.21	18.11		
15	256QAM	75	0	18.13	18.28	18.09		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	23.50	23.54	23.45	24	0
10	QPSK	1	25	23.51	23.48	23.34		
10	QPSK	1	49	23.42	23.38	23.37		
10	QPSK	25	0	22.48	22.51	22.36	23	1
10	QPSK	25	12	22.31	22.48	22.31		
10	QPSK	25	25	22.27	22.38	22.18		
10	QPSK	50	0	22.35	22.40	22.24		
10	16QAM	1	0	22.32	22.33	22.32	23	1
10	16QAM	1	25	22.23	22.36	22.29		
10	16QAM	1	49	22.24	22.21	22.22		
10	16QAM	25	0	21.34	21.44	21.35	22	2
10	16QAM	25	12	21.32	21.36	21.31		
10	16QAM	25	25	21.23	21.31	21.16		
10	16QAM	50	0	21.24	21.43	21.27		
10	64QAM	1	0	21.19	21.34	21.25	22	2
10	64QAM	1	25	21.16	21.25	21.20		
10	64QAM	1	49	21.15	21.27	21.06		
10	64QAM	25	0	20.32	20.40	20.35	21	3
10	64QAM	25	12	20.33	20.40	20.30		
10	64QAM	25	25	20.25	20.35	20.13		
10	64QAM	50	0	20.34	20.40	20.27		
10	256QAM	1	0	18.30	18.34	18.19	19	5
10	256QAM	1	25	18.23	18.31	18.27		
10	256QAM	1	49	18.09	18.18	18.04		
10	256QAM	25	0	18.29	18.23	18.20	19	5
10	256QAM	25	12	18.16	18.29	18.10		
10	256QAM	25	25	18.05	18.18	18.14		
10	256QAM	50	0	18.20	18.18	18.12		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	23.47	23.59	23.50	24	0
5	QPSK	1	12	23.49	23.55	23.44		
5	QPSK	1	24	23.36	23.43	23.32		
5	QPSK	12	0	22.37	22.44	22.32	23	1
5	QPSK	12	7	22.27	22.41	22.31		
5	QPSK	12	13	22.26	22.31	22.23		
5	QPSK	25	0	22.41	22.38	22.24		
5	16QAM	1	0	22.28	22.31	22.31	23	1
5	16QAM	1	12	22.28	22.29	22.32		
5	16QAM	1	24	22.19	22.25	22.22		
5	16QAM	12	0	21.31	21.46	21.45	22	2
5	16QAM	12	7	21.32	21.44	21.37		
5	16QAM	12	13	21.19	21.32	21.20		
5	16QAM	25	0	21.25	21.39	21.33		
5	64QAM	1	0	21.24	21.28	21.26	22	2
5	64QAM	1	12	21.26	21.32	21.22		
5	64QAM	1	24	21.15	21.15	21.08		
5	64QAM	12	0	20.32	20.47	20.26	21	3
5	64QAM	12	7	20.28	20.44	20.27		
5	64QAM	12	13	20.20	20.35	20.17		
5	64QAM	25	0	20.31	20.42	20.25		
5	256QAM	1	0	18.30	18.35	18.15	19	5
5	256QAM	1	12	18.22	18.30	18.29		
5	256QAM	1	24	18.06	18.29	18.07		
5	256QAM	12	0	18.28	18.26	18.27	19	5
5	256QAM	12	7	18.13	18.23	18.10		
5	256QAM	12	13	18.03	18.12	18.06		
5	256QAM	25	0	18.15	18.20	18.15		

Band 48 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3640	3689	3641	3690		
20	QPSK	1	0	23.72	23.88	23.79	23.66		
20	QPSK	1	49	23.56	23.76	23.61	23.54	24	0
20	QPSK	1	99	23.56	23.65	23.58	23.60		
20	QPSK	50	0	23.64	23.74	23.57	23.53		
20	QPSK	50	24	23.48	23.66	23.49	23.50	24	0
20	QPSK	50	50	23.49	23.49	23.45	23.37		
20	QPSK	100	0	23.52	23.68	23.59	23.48		
20	16QAM	1	0	23.67	23.84	23.73	23.52		
20	16QAM	1	49	23.65	23.74	23.66	23.62	24	0
20	16QAM	1	99	23.64	23.66	23.64	23.49		
20	16QAM	50	0	22.62	22.75	22.66	22.71		
20	16QAM	50	24	22.59	22.70	22.63	22.63	23	1
20	16QAM	50	50	22.56	22.63	22.58	22.48		
20	16QAM	100	0	22.65	22.69	22.58	22.57		
20	64QAM	1	0	22.52	22.61	22.57	22.54		
20	64QAM	1	49	22.46	22.56	22.50	22.49	23	1
20	64QAM	1	99	22.37	22.49	22.40	22.35		
20	64QAM	50	0	21.60	21.74	21.66	21.68		
20	64QAM	50	24	21.57	21.69	21.55	21.59	22	2
20	64QAM	50	50	21.57	21.62	21.52	21.57		
20	64QAM	100	0	21.64	21.70	21.60	21.60		
20	256QAM	1	0	19.54	19.64	19.53	19.56		
20	256QAM	1	49	19.55	19.59	19.45	19.52	20	4
20	256QAM	1	99	19.46	19.52	19.48	19.40		
20	256QAM	50	0	19.54	19.58	19.44	19.52		
20	256QAM	50	24	19.39	19.53	19.39	19.41	20	4
20	256QAM	50	50	19.43	19.46	19.36	19.40		
20	256QAM	100	0	19.43	19.52	19.40	19.47		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3637.5	3688	3642	3692.5		
15	QPSK	1	0	23.58	23.83	23.65	23.60		
15	QPSK	1	37	23.49	23.62	23.51	23.42	24	0
15	QPSK	1	74	23.52	23.51	23.50	23.51		
15	QPSK	36	0	23.54	23.69	23.49	23.42		
15	QPSK	36	20	23.33	23.62	23.35	23.37	24	0
15	QPSK	36	39	23.38	23.44	23.40	23.34		
15	QPSK	75	0	23.44	23.64	23.52	23.38		
15	16QAM	1	0	23.52	23.76	23.59	23.40		
15	16QAM	1	37	23.51	23.60	23.62	23.51	24	0
15	16QAM	1	74	23.59	23.51	23.50	23.45		
15	16QAM	36	0	22.58	22.69	22.57	22.66		
15	16QAM	36	20	22.46	22.65	22.49	22.49	23	1
15	16QAM	36	39	22.53	22.49	22.55	22.40		
15	16QAM	75	0	22.51	22.58	22.53	22.48		
15	64QAM	1	0	22.48	22.47	22.44	22.46		
15	64QAM	1	37	22.33	22.52	22.43	22.45	23	1
15	64QAM	1	74	22.23	22.42	22.28	22.31		
15	64QAM	36	0	21.54	21.64	21.56	21.59		
15	64QAM	36	20	21.44	21.64	21.45	21.49	22	2
15	64QAM	36	39	21.50	21.58	21.38	21.53		
15	64QAM	75	0	21.58	21.63	21.55	21.54		
15	256QAM	1	0	19.46	19.51	19.40	19.49		
15	256QAM	1	37	19.48	19.53	19.41	19.40	20	4
15	256QAM	1	74	19.41	19.47	19.44	19.25		
15	256QAM	36	0	19.46	19.44	19.34	19.41		
15	256QAM	36	20	19.30	19.39	19.31	19.33	20	4
15	256QAM	36	39	19.39	19.33	19.23	19.26		
15	256QAM	75	0	19.31	19.46	19.27	19.40		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3635	3687.5	3642.5	3695		
10	QPSK	1	0	23.65	23.74	23.67	23.61		
10	QPSK	1	25	23.49	23.70	23.49	23.47	24	0
10	QPSK	1	49	23.43	23.56	23.48	23.55		
10	QPSK	25	0	23.53	23.61	23.50	23.47		
10	QPSK	25	12	23.40	23.54	23.45	23.42	24	0
10	QPSK	25	25	23.45	23.37	23.31	23.27		
10	QPSK	50	0	23.40	23.62	23.53	23.44		
10	16QAM	1	0	23.59	23.80	23.65	23.46		
10	16QAM	1	25	23.51	23.64	23.62	23.47	24	0
10	16QAM	1	49	23.54	23.58	23.60	23.42		
10	16QAM	25	0	22.51	22.62	22.56	22.62		
10	16QAM	25	12	22.54	22.59	22.57	22.59	23	1
10	16QAM	25	25	22.51	22.49	22.54	22.34		
10	16QAM	50	0	22.50	22.58	22.49	22.45		
10	64QAM	1	0	22.47	22.53	22.52	22.39		
10	64QAM	1	25	22.33	22.42	22.44	22.38	23	1
10	64QAM	1	49	22.29	22.41	22.32	22.29		
10	64QAM	25	0	21.54	21.66	21.62	21.64		
10	64QAM	25	12	21.52	21.61	21.49	21.45	22	2
10	64QAM	25	25	21.53	21.54	21.45	21.45		
10	64QAM	50	0	21.52	21.61	21.52	21.47		
10	256QAM	1	0	19.49	19.53	19.45	19.44		
10	256QAM	1	25	19.43	19.54	19.34	19.48	20	4
10	256QAM	1	49	19.38	19.39	19.35	19.28		
10	256QAM	25	0	19.47	19.46	19.33	19.45		
10	256QAM	25	12	19.30	19.45	19.24	19.32	20	4
10	256QAM	25	25	19.32	19.42	19.30	19.29		
10	256QAM	50	0	19.35	19.39	19.26	19.38		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3632.5	3687	3643	3697.5		
5	QPSK	1	0	23.67	23.77	23.66	23.54		
5	QPSK	1	12	23.43	23.69	23.50	23.45	24	0
5	QPSK	1	24	23.53	23.59	23.55	23.55		
5	QPSK	12	0	23.56	23.71	23.48	23.45		
5	QPSK	12	7	23.44	23.60	23.38	23.36	24	0
5	QPSK	12	13	23.41	23.35	23.31	23.29		
5	QPSK	25	0	23.44	23.59	23.45	23.43		
5	16QAM	1	0	23.53	23.73	23.69	23.49		
5	16QAM	1	12	23.53	23.66	23.57	23.55	24	0
5	16QAM	1	24	23.55	23.61	23.49	23.40		
5	16QAM	12	0	22.52	22.71	22.54	22.68		
5	16QAM	12	7	22.52	22.60	22.51	22.55	23	1
5	16QAM	12	13	22.43	22.55	22.47	22.36		
5	16QAM	25	0	22.59	22.63	22.49	22.43		
5	64QAM	1	0	22.46	22.58	22.51	22.42		
5	64QAM	1	12	22.34	22.50	22.42	22.34	23	1
5	64QAM	1	24	22.24	22.39	22.25	22.24		
5	64QAM	12	0	21.51	21.69	21.51	21.59		
5	64QAM	12	7	21.43	21.56	21.50	21.46	22	2
5	64QAM	12	13	21.43	21.52	21.43	21.45		
5	64QAM	25	0	21.58	21.58	21.51	21.47		
5	256QAM	1	0	19.44	19.52	19.43	19.46		
5	256QAM	1	12	19.48	19.49	19.38	19.42	20	4
5	256QAM	1	24	19.32	19.47	19.42	19.33		
5	256QAM	12	0	19.48	19.54	19.33	19.48		
5	256QAM	12	7	19.27	19.47	19.35	19.33	20	4
5	256QAM	12	13	19.40	19.38	19.28	19.28		
5	256QAM	25	0	19.37	19.47	19.36	19.40		

GSM1900 Ant 2	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	29.32	29.41	29.38	29.80	20.32	20.41	20.38	20.80
GPRS 1 Tx slot	29.35	29.47	29.43	29.80	20.35	20.47	20.43	20.80
GPRS 2 Tx slots	26.38	26.51	26.42	26.80	20.38	20.51	20.42	20.80
GPRS 3 Tx slots	23.74	23.85	23.81	25.10	19.48	19.59	19.55	20.84
GPRS 4 Tx slots	22.18	22.29	22.19	23.80	19.18	19.29	19.19	20.80
EDGE 1 Tx slot	24.14	24.28	24.22	25.50	15.14	15.28	15.22	16.50
EDGE 2 Tx slots	22.45	22.58	22.49	24.00	16.45	16.56	16.49	18.00
EDGE 3 Tx slots	21.38	21.49	21.46	22.50	17.12	17.23	17.20	18.24
EDGE 4 Tx slots	19.33	19.42	19.39	20.50	16.33	16.42	16.39	17.50

Band		WCDMA II Ant 2			Tune-up Limit (dBm)	WCDMA IV Ant 2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.73	17.83	17.77	19.30	21.39	21.52	21.41	22.90
3GPP Rel 99	RMC 12.2Kbps	17.87	17.94	17.92	19.30	21.56	21.59	21.53	22.90
3GPP Rel 6	HSDPA Subtest-1	16.89	17.09	16.71	18.30	20.54	20.70	20.41	21.90
3GPP Rel 6	HSDPA Subtest-2	16.85	16.92	16.81	18.30	20.49	20.65	20.31	21.90
3GPP Rel 6	HSDPA Subtest-3	16.18	16.51	16.36	17.80	19.98	20.08	19.96	21.40
3GPP Rel 6	HSDPA Subtest-4	16.38	16.48	16.48	17.80	19.91	20.05	20.05	21.40
3GPP Rel 8	DC-HSDPA Subtest-1	16.91	17.00	16.82	18.30	20.45	20.67	20.57	21.90
3GPP Rel 8	DC-HSDPA Subtest-2	16.66	16.81	16.73	18.30	20.30	20.29	20.22	21.90
3GPP Rel 8	DC-HSDPA Subtest-3	16.20	16.22	16.23	17.80	19.76	19.85	19.92	21.40
3GPP Rel 8	DC-HSDPA Subtest-4	16.22	16.22	16.25	17.80	19.77	19.93	19.71	21.40
3GPP Rel 6	HSUPA Subtest-1	16.80	17.11	17.08	18.30	20.58	20.70	20.71	21.90
3GPP Rel 6	HSUPA Subtest-2	14.91	14.89	14.76	16.30	18.54	18.62	18.31	19.90
3GPP Rel 6	HSUPA Subtest-3	15.76	15.91	15.85	17.30	19.59	19.43	19.59	20.90
3GPP Rel 6	HSUPA Subtest-4	14.70	14.81	14.71	16.30	18.33	18.50	18.42	19.90
3GPP Rel 6	HSUPA Subtest-5	17.02	16.85	16.91	18.30	20.54	20.48	20.59	21.90

Band 2 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	18.46	18.56	18.51		
20	QPSK	1	49	18.35	18.51	18.32	19.4	0
20	QPSK	1	99	18.23	18.34	18.41		
20	QPSK	50	0	18.30	18.47	18.41		
20	QPSK	50	24	18.19	18.45	18.39	19.4	0
20	QPSK	50	50	18.31	18.30	18.37		
20	QPSK	100	0	18.15	18.51	18.20		
20	16QAM	1	0	18.30	18.38	18.19		
20	16QAM	1	49	18.23	18.36	18.26	19.4	0
20	16QAM	1	99	18.32	18.53	18.38		
20	16QAM	50	0	18.31	18.28	18.44		
20	16QAM	50	24	18.25	18.22	18.24	19.4	0
20	16QAM	50	50	18.35	18.50	18.30		
20	16QAM	100	0	18.24	18.36	18.29		
20	64QAM	1	0	18.34	18.29	18.34		
20	64QAM	1	49	18.29	18.32	18.46	19.4	0
20	64QAM	1	99	18.31	18.29	18.11		
20	64QAM	50	0	18.36	18.29	18.37		
20	64QAM	50	24	18.34	18.41	18.39	19.4	0
20	64QAM	50	50	18.29	18.33	18.31		
20	64QAM	100	0	18.24	18.34	18.23		
20	256QAM	1	0	16.93	16.96	16.82		
20	256QAM	1	49	16.87	16.91	16.80	17.5	1.9
20	256QAM	1	99	16.80	16.84	16.73		
20	256QAM	50	0	16.71	16.83	16.74		
20	256QAM	50	24	16.64	16.78	16.72	17.5	1.9
20	256QAM	50	50	16.66	16.71	16.60		
20	256QAM	100	0	16.73	16.78	16.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.41	18.39	18.34		
15	QPSK	1	37	18.26	18.41	18.23	19.4	0
15	QPSK	1	74	18.10	18.27	18.38		
15	QPSK	36	0	18.25	18.34	18.35		
15	QPSK	36	20	18.08	18.36	18.36	19.4	0
15	QPSK	36	39	18.20	18.26	18.22		
15	QPSK	75	0	18.10	18.48	18.03		
15	16QAM	1	0	18.13	18.27	18.11		
15	16QAM	1	37	18.13	18.33	18.17	19.4	0
15	16QAM	1	74	18.27	18.45	18.23		
15	16QAM	36	0	18.22	18.16	18.29		
15	16QAM	36	20	18.15	18.19	18.08	19.4	0
15	16QAM	36	39	18.28	18.43	18.23		
15	16QAM	75	0	18.19	18.26	18.16		
15	64QAM	1	0	18.29	18.27	18.18		
15	64QAM	1	37	18.13	18.30	18.34	19.4	0
15	64QAM	1	74	18.26	18.20	18.08		
15	64QAM	36	0	18.25	18.27	18.19		
15	64QAM	36	20	18.27	18.27	18.24	19.4	0
15	64QAM	36	39	18.15	18.21	18.24		
15	64QAM	75	0	18.12	18.24	18.18		
15	256QAM	1	0	16.86	16.89	16.71		
15	256QAM	1	37	16.74	16.86	16.70	17.5	1.9
15	256QAM	1	74	16.76	16.76	16.69		
15	256QAM	36	0	16.63	16.73	16.71		
15	256QAM	36	20	16.56	16.73	16.63	17.5	1.9
15	256QAM	36	39	16.58	16.62	16.56		
15	256QAM	75	0	16.62	16.74	16.63		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.29	18.51	18.44		
10	QPSK	1	25	18.24	18.47	18.20	19.4	0
10	QPSK	1	49	18.20	18.21	18.30		
10	QPSK	25	0	18.14	18.32	18.29		
10	QPSK	25	12	18.14	18.30	18.46	19.4	0
10	QPSK	25	25	18.25	18.26	18.23		
10	QPSK	50	0	17.99	18.45	18.07		
10	16QAM	1	0	18.13	18.22	18.15		
10	16QAM	1	25	18.20	18.28	18.19	19.4	0
10	16QAM	1	49	18.24	18.36	18.34		
10	16QAM	25	0	18.16	18.15	18.40		
10	16QAM	25	12	18.08	18.17	18.22	19.4	0
10	16QAM	25	25	18.31	18.33	18.12		
10	16QAM	50	0	18.17	18.19	18.23		
10	64QAM	1	0	18.29	18.21	18.23		
10	64QAM	1	25	18.13	18.29	18.42	19.4	0
10	64QAM	1	49	18.14	18.13	17.97		
10	64QAM	25	0	18.22	18.22	18.23		
10	64QAM	25	12	18.32	18.30	18.37	19.4	0
10	64QAM	25	25	18.13	18.20	18.18		
10	64QAM	50	0	18.15	18.17	18.20		
10	256QAM	1	0	16.89	16.83	16.68		
10	256QAM	1	25	16.80	16.79	16.69	17.5	1.9
10	256QAM	1	49	16.69	16.74	16.64		
10	256QAM	25	0	16.65	16.77	16.62		
10	256QAM	25	12	16.53	16.68	16.67	17.5	1.9
10	256QAM	25	25	16.59	16.67	16.46		
10	256QAM	50	0	16.62	16.73	16.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.34	18.52	18.39		
5	QPSK	1	12	18.20	18.40	18.24	19.4	0
5	QPSK	1	24	18.11	18.29	18.29		
5	QPSK	12	0	18.20	18.40	18.26		
5	QPSK	12	7	18.13	18.41	18.43	19.4	0
5	QPSK	12	13	18.18	18.13	18.20		
5	QPSK	25	0	18.03	18.42	18.17		
5	16QAM	1	0	18.13	18.30	18.03		
5	16QAM	1	12	18.11	18.26	18.10	19.4	0
5	16QAM	1	24	18.17	18.40	18.34		
5	16QAM	12	0	18.14	18.20	18.37		
5	16QAM	12	7	18.15	18.12	18.22	19.4	0
5	16QAM	12	13	18.25	18.46	18.20		
5	16QAM	25	0	18.11	18.26	18.21		
5	64QAM	1	0	18.30	18.12	18.19		
5	64QAM	1	12	18.19	18.25	18.38	19.4	0
5	64QAM	1	24	18.26	18.25	18.09		
5	64QAM	12	0	18.21	18.13	18.28		
5	64QAM	12	7	18.24	18.31	18.36	19.4	0
5	64QAM	12	13	18.21	18.25	18.17		
5	64QAM	25	0	18.15	18.16	18.16		
5	256QAM	1	0	16.83	16.88	16.73		
5	256QAM	1	12	16.77	16.84	16.72	17.5	1.9
5	256QAM	1	24	16.69	16.77	16.67		
5	256QAM	12	0	16.59	16.78	16.63		
5	256QAM	12	7	16.53	16.71	16.62	17.5	1.9
5	256QAM	12	13	16.61	16.63	16.46		
5	256QAM	25	0	16.62	16.74	16.64		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.43	18.46	18.40		
3	QPSK	1	8	18.19	18.37	18.15	19.4	0
3	QPSK	1	14	18.10	18.20	18.39		
3	QPSK	8	0	18.27	18.25	18.26		
3	QPSK	8	4	18.11	18.39	18.31	19.4	0
3	QPSK	8	7	18.15	18.19	18.23		
3	QPSK	15	0	18.05	18.48	18.10		
3	16QAM	1	0	18.15	18.36	18.02		
3	16QAM	1	8	18.14	18.28	18.13	19.4	0
3	16QAM	1	14	18.23	18.35	18.29		
3	16QAM	8	0	18.21	18.12	18.33		
3	16QAM	8	4	18.09	18.10	18.09	19.4	0
3	16QAM	8	7	18.24	18.42	18.18		
3	16QAM	15	0	18.12	18.33	18.11		
3	64QAM	1	0	18.18	18.21	18.27		
3	64QAM	1	8	18.21	18.15	18.39	19.4	0
3	64QAM	1	14	18.28	18.18	17.99		
3	64QAM	8	0	18.21	18.17	18.24		
3	64QAM	8	4	18.28	18.37	18.26	19.4	0
3	64QAM	8	7	18.24	18.15	18.23		
3	64QAM	15	0	18.10	18.22	18.20		
3	256QAM	1	0	16.80	16.83	16.72		
3	256QAM	1	8	16.73	16.84	16.65	17.5	1.9
3	256QAM	1	14	16.76	16.79	16.68		
3	256QAM	8	0	16.62	16.72	16.63		
3	256QAM	8	4	16.53	16.74	16.67	17.5	1.9
3	256QAM	8	7	16.57	16.67	16.50		
3	256QAM	15	0	16.64	16.71	16.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.42	18.53	18.44		
1.4	QPSK	1	3	18.20	18.38	18.24		
1.4	QPSK	1	5	18.18	18.28	18.29	19.4	0
1.4	QPSK	3	0	18.27	18.35	18.25		
1.4	QPSK	3	1	18.08	18.42	18.42		
1.4	QPSK	3	3	18.14	18.21	18.23		
1.4	QPSK	6	0	18.12	18.49	18.05	19.4	0
1.4	16QAM	1	0	18.13	18.23	18.14		
1.4	16QAM	1	3	18.14	18.31	18.24		
1.4	16QAM	1	5	18.24	18.46	18.26	19.4	0
1.4	16QAM	3	0	18.15	18.20	18.33		
1.4	16QAM	3	1	18.08	18.15	18.11		
1.4	16QAM	3	3	18.20	18.39	18.24		
1.4	16QAM	6	0	18.22	18.21	18.27	19.4	0
1.4	64QAM	1	0	18.28	18.22	18.17		
1.4	64QAM	1	3	18.11	18.17	18.43		
1.4	64QAM	1	5	18.23	18.22	18.04	19.4	0
1.4	64QAM	3	0	18.24	18.16	18.26		
1.4	64QAM	3	1	18.19	18.36	18.23		
1.4	64QAM	3	3	18.21	18.16	18.24		
1.4	64QAM	6	0	18.12	18.20	18.20	19.4	0
1.4	256QAM	1	0	16.87	16.86	16.74		
1.4	256QAM	1	3	16.76	16.85	16.71		
1.4	256QAM	1	5	16.69	16.72	16.60	17.5	1.9
1.4	256QAM	3	0	16.63	16.73	16.67		
1.4	256QAM	3	1	16.52	16.68	16.60		
1.4	256QAM	3	3	16.57	16.59	16.46		
1.4	256QAM	6	0	16.66	16.71	16.61	17.5	1.9

Band 4 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.16	21.30	21.12		
20	QPSK	1	49	20.99	21.11	20.94	22	0
20	QPSK	1	99	20.98	21.11	20.88		
20	QPSK	50	0	20.85	20.89	20.81		
20	QPSK	50	24	20.77	20.84	20.72	21.5	0.5
20	QPSK	50	50	20.72	20.77	20.67		
20	QPSK	100	0	20.76	20.94	20.69		
20	16QAM	1	0	20.67	20.81	20.72		
20	16QAM	1	49	20.69	20.76	20.69	21.5	0.5
20	16QAM	1	99	20.59	20.69	20.62		
20	16QAM	50	0	19.91	19.97	19.94		
20	16QAM	50	24	19.78	19.92	19.80	20.5	1.5
20	16QAM	50	50	19.80	19.85	19.79		
20	16QAM	100	0	19.81	19.91	19.78		
20	64QAM	1	0	19.71	19.83	19.68		
20	64QAM	1	49	19.69	19.78	19.69	20.5	1.5
20	64QAM	1	99	19.61	19.71	19.57		
20	64QAM	50	0	18.80	18.92	18.86		
20	64QAM	50	24	18.79	18.87	18.80	19.5	2.5
20	64QAM	50	50	18.76	18.80	18.66		
20	64QAM	100	0	18.83	18.86	18.77		
20	256QAM	1	0	16.85	16.92	16.86		
20	256QAM	1	49	16.73	16.87	16.79	17.5	4.5
20	256QAM	1	99	16.71	16.80	16.70		
20	256QAM	50	0	16.78	16.88	16.85		
20	256QAM	50	24	16.79	16.83	16.70	17.5	4.5
20	256QAM	50	50	16.68	16.76	16.66		
20	256QAM	100	0	16.70	16.84	16.78		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.01	21.25	20.98		
15	QPSK	1	37	20.87	20.97	20.82	22	0
15	QPSK	1	74	20.90	21.07	20.83		
15	QPSK	36	0	20.78	20.82	20.75		
15	QPSK	36	20	20.71	20.79	20.67	21.5	0.5
15	QPSK	36	39	20.68	20.63	20.53		
15	QPSK	75	0	20.65	20.74	20.62		
15	16QAM	1	0	20.54	20.76	20.61		
15	16QAM	1	37	20.62	20.63	20.62	21.5	0.5
15	16QAM	1	74	20.56	20.63	20.54		
15	16QAM	36	0	19.79	19.93	19.88		
15	16QAM	36	20	19.69	19.78	19.66	20.5	1.5
15	16QAM	36	39	19.75	19.71	19.66		
15	16QAM	75	0	19.70	19.84	19.65		
15	64QAM	1	0	19.57	19.79	19.54		
15	64QAM	1	37	19.60	19.71	19.59	20.5	1.5
15	64QAM	1	74	19.56	19.67	19.44		
15	64QAM	36	0	18.66	18.76	18.72		
15	64QAM	36	20	18.67	18.75	18.69	19.5	2.5
15	64QAM	36	39	18.72	18.72	18.56		
15	64QAM	75	0	18.68	18.79	18.64		
15	256QAM	1	0	16.79	16.81	16.72		
15	256QAM	1	37	16.66	16.79	16.76	17.5	4.5
15	256QAM	1	74	16.67	16.70	16.65		
15	256QAM	36	0	16.69	16.78	16.80		
15	256QAM	36	20	16.73	16.77	16.59	17.5	4.5
15	256QAM	36	39	16.64	16.67	16.63		
15	256QAM	75	0	16.59	16.73	16.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.02	21.16	21.04		
10	QPSK	1	25	20.95	20.98	20.83	22	0
10	QPSK	1	49	20.94	20.96	20.73		
10	QPSK	25	0	20.73	20.84	20.68		
10	QPSK	25	12	20.71	20.78	20.64	21.5	0.5
10	QPSK	25	25	20.64	20.69	20.58		
10	QPSK	50	0	20.71	20.76	20.62		
10	16QAM	1	0	20.59	20.69	20.60		
10	16QAM	1	25	20.63	20.67	20.56	21.5	0.5
10	16QAM	1	49	20.45	20.64	20.55		
10	16QAM	25	0	19.83	19.86	19.85		
10	16QAM	25	12	19.75	19.89	19.70	20.5	1.5
10	16QAM	25	25	19.72	19.80	19.71		
10	16QAM	50	0	19.73	19.83	19.71		
10	64QAM	1	0	19.66	19.72	19.61		
10	64QAM	1	25	19.65	19.64	19.60	20.5	1.5
10	64QAM	1	49	19.54	19.64	19.44		
10	64QAM	25	0	18.77	18.84	18.72		
10	64QAM	25	12	18.76	18.79	18.70	19.5	2.5
10	64QAM	25	25	18.65	18.68	18.56		
10	64QAM	50	0	18.77	18.75	18.69		
10	256QAM	1	0	16.73	16.84	16.78		
10	256QAM	1	25	16.66	16.81	16.66	17.5	4.5
10	256QAM	1	49	16.64	16.75	16.60		
10	256QAM	25	0	16.64	16.79	16.79		
10	256QAM	25	12	16.66	16.69	16.56	17.5	4.5
10	256QAM	25	25	16.55	16.66	16.63		
10	256QAM	50	0	16.63	16.75	16.64		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.04	21.24	21.03		
5	QPSK	1	12	20.96	21.03	20.87	22	0
5	QPSK	1	24	20.91	21.07	20.84		
5	QPSK	12	0	20.78	20.80	20.69		
5	QPSK	12	7	20.68	20.72	20.61	21.5	0.5
5	QPSK	12	13	20.66	20.71	20.61		
5	QPSK	25	0	20.63	20.74	20.55		
5	16QAM	1	0	20.58	20.73	20.67		
5	16QAM	1	12	20.59	20.72	20.56	21.5	0.5
5	16QAM	1	24	20.46	20.62	20.56		
5	16QAM	12	0	19.77	19.87	19.84		
5	16QAM	12	7	19.72	19.78	19.75	20.5	1.5
5	16QAM	12	13	19.70	19.78	19.64		
5	16QAM	25	0	19.66	19.78	19.69		
5	64QAM	1	0	19.62	19.72	19.56		
5	64QAM	1	12	19.56	19.74	19.65	20.5	1.5
5	64QAM	1	24	19.48	19.56	19.45		
5	64QAM	12	0	18.77	18.86	18.82		
5	64QAM	12	7	18.72	18.79	18.67	19.5	2.5
5	64QAM	12	13	18.64	18.68	18.51		
5	64QAM	25	0	18.70	18.80	18.71		
5	256QAM	1	0	16.82	16.79	16.81		
5	256QAM	1	12	16.69	16.78	16.66	17.5	4.5
5	256QAM	1	24	16.68	16.73	16.55		
5	256QAM	12	0	16.71	16.84	16.75		
5	256QAM	12	7	16.76	16.75	16.60	17.5	4.5
5	256QAM	12	13	16.64	16.64	16.52		
5	256QAM	25	0	16.65	16.80	16.65		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.04	21.17	21.03		
3	QPSK	1	8	20.87	21.01	20.80	22	0
3	QPSK	1	14	20.90	21.06	20.81		
3	QPSK	8	0	20.75	20.81	20.73		
3	QPSK	8	4	20.63	20.71	20.57	21.5	0.5
3	QPSK	8	7	20.67	20.69	20.58		
3	QPSK	15	0	20.71	20.71	20.55		
3	16QAM	1	0	20.59	20.76	20.65		
3	16QAM	1	8	20.63	20.68	20.61	21.5	0.5
3	16QAM	1	14	20.55	20.63	20.52		
3	16QAM	8	0	19.78	19.83	19.84		
3	16QAM	8	4	19.72	19.82	19.74	20.5	1.5
3	16QAM	8	7	19.66	19.81	19.68		
3	16QAM	15	0	19.76	19.77	19.68		
3	64QAM	1	0	19.59	19.79	19.58		
3	64QAM	1	8	19.57	19.73	19.66	20.5	1.5
3	64QAM	1	14	19.58	19.61	19.50		
3	64QAM	8	0	18.76	18.79	18.79		
3	64QAM	8	4	18.67	18.77	18.67	19.5	2.5
3	64QAM	8	7	18.68	18.75	18.63		
3	64QAM	15	0	18.79	18.81	18.65		
3	256QAM	1	0	16.77	16.79	16.77		
3	256QAM	1	8	16.59	16.79	16.64	17.5	4.5
3	256QAM	1	14	16.63	16.75	16.58		
3	256QAM	8	0	16.74	16.83	16.77		
3	256QAM	8	4	16.72	16.75	16.58	17.5	4.5
3	256QAM	8	7	16.60	16.64	16.55		
3	256QAM	15	0	16.57	16.70	16.70		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.08	21.16	21.06		
1.4	QPSK	1	3	20.94	21.02	20.90		
1.4	QPSK	1	5	20.84	21.05	20.78	22	0
1.4	QPSK	3	0	20.95	21.10	20.91		
1.4	QPSK	3	1	20.94	20.97	20.87		
1.4	QPSK	3	3	20.95	20.83	20.87		
1.4	QPSK	6	0	20.74	20.82	20.69	21.5	0.5
1.4	16QAM	1	0	20.64	20.79	20.67		
1.4	16QAM	1	3	20.64	20.72	20.56		
1.4	16QAM	1	5	20.64	20.79	20.56	21.5	0.5
1.4	16QAM	3	0	20.57	20.77	20.69		
1.4	16QAM	3	1	20.63	20.64	20.62		
1.4	16QAM	3	3	20.51	20.63	20.55		
1.4	16QAM	6	0	19.76	19.92	19.89	20.5	1.5
1.4	64QAM	1	0	19.66	19.88	19.70		
1.4	64QAM	1	3	19.74	19.71	19.75		
1.4	64QAM	1	5	19.72	19.77	19.72	20.5	1.5
1.4	64QAM	3	0	19.56	19.75	19.64		
1.4	64QAM	3	1	19.58	19.66	19.64		
1.4	64QAM	3	3	19.51	19.57	19.54		
1.4	64QAM	6	0	18.66	18.78	18.72	19.5	2.5
1.4	256QAM	1	0	16.80	16.82	16.78		
1.4	256QAM	1	3	16.69	16.83	16.67		
1.4	256QAM	1	5	16.66	16.66	16.61	17.5	4.5
1.4	256QAM	3	0	16.66	16.76	16.74		
1.4	256QAM	3	1	16.67	16.68	16.61		
1.4	256QAM	3	3	16.62	16.69	16.55		
1.4	256QAM	6	0	16.65	16.79	16.67	17.5	4.5

Band 7 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.20	14.36	14.29		
20	QPSK	1	49	14.16	14.33	14.22	15.1	0
20	QPSK	1	99	14.07	14.15	14.18		
20	QPSK	50	0	14.06	14.33	14.14		
20	QPSK	50	24	14.13	14.28	14.04	15.1	0
20	QPSK	50	50	13.91	14.07	14.14		
20	QPSK	100	0	14.11	14.32	14.18		
20	16QAM	1

Band 25 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.58	18.79	18.77		
20	QPSK	1	49	18.62	18.70	18.60	19.4	0
20	QPSK	1	99	18.48	18.61	18.55		
20	QPSK	50	0	18.51	18.62	18.61		
20	QPSK	50	24	18.45	18.61	18.61	19.4	0
20	QPSK	50	50	18.56	18.52	18.61		
20	QPSK	100	0	18.42	18.61	18.48		
20	16QAM	1	0	18.43	18.51	18.40		
20	16QAM	1	49	18.37	18.51	18.39	19.4	0
20	16QAM	1	99	18.59	18.68	18.54		
20	16QAM	50	0	18.55	18.54	18.61		
20	16QAM	50	24	18.49	18.45	18.44	19.4	0
20	16QAM	50	50	18.55	18.69	18.55		
20	16QAM	100	0	18.46	18.55	18.47		
20	64QAM	1	0	18.52	18.56	18.51		
20	64QAM	1	49	18.42	18.53	18.59	19.4	0
20	64QAM	1	99	18.44	18.44	18.31		
20	64QAM	50	0	18.61	18.54	18.53		
20	64QAM	50	24	18.51	18.64	18.55	19.4	0
20	64QAM	50	50	18.47	18.54	18.55		
20	64QAM	100	0	18.44	18.54	18.39		
20	256QAM	1	0	17.11	17.17	17.06		
20	256QAM	1	49	17.04	17.12	17.05	17.5	1.9
20	256QAM	1	99	17.00	17.05	16.93		
20	256QAM	50	0	16.90	16.97	16.87		
20	256QAM	50	24	16.88	16.92	16.89	17.5	1.9
20	256QAM	50	50	16.74	16.85	16.71		
20	256QAM	100	0	16.84	16.99	16.95		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.40	18.66	18.53		
15	QPSK	1	37	18.46	18.52	18.43	19.4	0
15	QPSK	1	74	18.35	18.37	18.38		
15	QPSK	36	0	18.29	18.31	18.42		
15	QPSK	36	20	18.30	18.37	18.45	19.4	0
15	QPSK	36	39	18.29	18.46	18.48		
15	QPSK	75	0	18.23	18.51	18.23		
15	16QAM	1	0	18.16	18.30	18.21		
15	16QAM	1	37	18.19	18.30	18.25	19.4	0
15	16QAM	1	74	18.39	18.49	18.40		
15	16QAM	36	0	18.33	18.37	18.45		
15	16QAM	36	20	18.36	18.18	18.26	19.4	0
15	16QAM	36	39	18.31	18.54	18.41		
15	16QAM	75	0	18.24	18.42	18.22		
15	64QAM	1	0	18.30	18.42	18.24		
15	64QAM	1	37	18.28	18.34	18.46	19.4	0
15	64QAM	1	74	18.21	18.30	18.11		
15	64QAM	36	0	18.40	18.34	18.39		
15	64QAM	36	20	18.38	18.48	18.42	19.4	0
15	64QAM	36	39	18.35	18.36	18.32		
15	64QAM	75	0	18.29	18.34	18.22		
15	256QAM	1	0	16.97	17.13	16.92		
15	256QAM	1	37	16.92	17.00	17.00	17.5	1.9
15	256QAM	1	74	16.86	16.95	16.87		
15	256QAM	36	0	16.81	16.88	16.81		
15	256QAM	36	20	16.77	16.86	16.76	17.5	1.9
15	256QAM	36	39	16.64	16.74	16.66		
15	256QAM	75	0	16.71	16.92	16.92		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1858	1880	1910		
10	QPSK	1	0	18.35	18.65	18.58		
10	QPSK	1	25	18.37	18.54	18.39	19.4	0
10	QPSK	1	49	18.29	18.47	18.28		
10	QPSK	25	0	18.39	18.37	18.36		
10	QPSK	25	12	18.24	18.45	18.39	19.4	0
10	QPSK	25	25	18.41	18.38	18.37		
10	QPSK	50	0	18.28	18.38	18.32		
10	16QAM	1	0	18.15	18.25	18.20		
10	16QAM	1	25	18.12	18.23	18.11	19.4	0
10	16QAM	1	49	18.40	18.43	18.33		
10	16QAM	25	0	18.41	18.35	18.41		
10	16QAM	25	12	18.32	18.24	18.17	19.4	0
10	16QAM	25	25	18.36	18.46	18.42		
10	16QAM	50	0	18.20	18.42	18.28		
10	64QAM	1	0	18.28	18.35	18.24		
10	64QAM	1	25	18.22	18.35	18.32	19.4	0
10	64QAM	1	49	18.28	18.21	18.08		
10	64QAM	25	0	18.33	18.41	18.28		
10	64QAM	25	12	18.26	18.39	18.39	19.4	0
10	64QAM	25	25	18.29	18.30	18.32		
10	64QAM	50	0	18.29	18.29	18.21		
10	256QAM	1	0	17.06	17.09	17.00		
10	256QAM	1	25	16.94	17.04	16.99	17.5	1.9
10	256QAM	1	49	16.92	16.98	16.86		
10	256QAM	25	0	16.79	16.89	16.76		
10	256QAM	25	12	16.77	16.88	16.74	17.5	1.9
10	256QAM	25	25	16.70	16.72	16.58		
10	256QAM	50	0	16.79	16.95	16.82		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.42	18.64	18.57		
5	QPSK	1	12	18.39	18.44	18.43	19.4	0
5	QPSK	1	24	18.32	18.35	18.38		
5	QPSK	12	0	18.24	18.34	18.36		
5	QPSK	12	7	18.20	18.46	18.47	19.4	0
5	QPSK	12	13	18.33	18.50	18.47		
5	QPSK	25	0	18.18	18.42	18.22		
5	16QAM	1	0	18.24	18.26	18.23		
5	16QAM	1	12	18.13	18.27	18.13	19.4	0
5	16QAM	1	24	18.42	18.42	18.27		
5	16QAM	12	0	18.41	18.41	18.48		
5	16QAM	12	7	18.29	18.32	18.26	19.4	0
5	16QAM	12	13	18.42	18.54	18.35		
5	16QAM	25	0	18.33	18.42	18.21		
5	64QAM	1	0	18.30	18.36	18.26		
5	64QAM	1	12	18.16	18.41	18.37	19.4	0
5	64QAM	1	24	18.31	18.17	18.03		
5	64QAM	12	0	18.41	18.27	18.34		
5	64QAM	12	7	18.37	18.41	18.36	19.4	0
5	64QAM	12	13	18.26	18.35	18.38		
5	64QAM	25	0	18.20	18.32	18.19		
5	256QAM	1	0	17.02	17.13	17.00		
5	256QAM	1	12	16.96	16.97	16.92	17.5	1.9
5	256QAM	1	24	16.88	16.90	16.83		
5	256QAM	12	0	16.84	16.84	16.82		
5	256QAM	12	7	16.74	16.81	16.84	17.5	1.9
5	256QAM	12	13	16.65	16.74	16.65		
5	256QAM	25	0	16.73	16.84	16.89		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.38	18.57	18.58		
3	QPSK	1	8	18.46	18.58	18.36	19.4	0
3	QPSK	1	14	18.25	18.44	18.33		
3	QPSK	8	0	18.34	18.42	18.36		
3	QPSK	8	4	18.19	18.34	18.47	19.4	0
3	QPSK	8	7	18.38	18.34	18.42		
3	QPSK	15	0	18.26	18.49	18.23		
3	16QAM	1	0	18.29	18.37	18.17		
3	16QAM	1	8	18.21	18.30	18.19	19.4	0
3	16QAM	1	14	18.39	18.44	18.36		
3	16QAM	8	0	18.37	18.36	18.34		
3	16QAM	8	4	18.32	18.19	18.32	19.4	0
3	16QAM	8	7	18.43	18.47	18.31		
3	16QAM	15	0	18.24	18.30	18.32		
3	64QAM	1	0	18.38	18.41	18.24		
3	64QAM	1	8	18.20	18.34	18.42	19.4	0
3	64QAM	1	14	18.29	18.16	18.13		
3	64QAM	8	0	18.47	18.40	18.31		
3	64QAM	8	4	18.29	18.47	18.37	19.4	0
3	64QAM	8	7	18.23	18.38	18.34		
3	64QAM	15	0	18.29	18.34	18.17		
3	256QAM	1	0	17.05	17.11	16.96		
3	256QAM	1	8	16.91	16.97	16.91	17.5	1.9
3	256QAM	1	14	16.96	16.92	16.79		
3	256QAM	8	0	16.77	16.87	16.82		
3	256QAM	8	4	16.85	16.89	16.84	17.5	1.9
3	256QAM	8	7	16.66	16.78	16.57		
3	256QAM	15	0	16.71	16.93	16.87		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.39	18.56	18.63		
1.4	QPSK	1	3	18.48	18.46	18.43		
1.4	QPSK	1	5	18.23	18.48	18.40	19.4	0
1.4	QPSK	3	0	18.35	18.54	18.52		
1.4	QPSK	3	1	18.44	18.54	18.58		
1.4	QPSK	3	3	18.41	18.55	18.41		
1.4	QPSK	6	0	18.22	18.47	18.29	19.4	0
1.4	16QAM	1	0	18.32	18.56	18.59		
1.4	16QAM	1	3	18.42	18.50	18.33		
1.4	16QAM	1	5	18.29	18.48	18.43	19.4	0
1.4	16QAM	3	0	18.36	18.52	18.52		
1.4	16QAM	3	1	18.36	18.55	18.40		
1.4	16QAM	3	3	18.30	18.44	18.36		
1.4	16QAM	6	0	18.39	18.67	18.56	19.4	0
1.4	64QAM	1	0	18.37	18.48	18.44		
1.4	64QAM	1	3	18.24	18.39	18.32		
1.4	64QAM	1	5	18.46	18.64	18.54	19.4	0
1.4	64QAM	3	0	18.41	18.55	18.57		
1.4	64QAM	3	1	18.42	18.61	18.49		
1.4	64QAM	3	3	18.47	18.58	18.44		
1.4	64QAM	6	0	18.31	18.39	18.43	19.4	0
1.4	256QAM	1	0	17.00	17.09	16.92		
1.4	256QAM	1	3	16.90	16.98	17.01		
1.4	256QAM	1	5	16.93	16.94	16.89	17.5	1.9
1.4	256QAM	3	0	16.81	16.84	16.73		
1.4	256QAM	3	1	16.74	16.78	16.76		
1.4	256QAM	3	3	16.67	16.71	16.56		
1.4	256QAM	6	0	16.80	16.85	16.89	17.5	1.9

Band 66 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.43	21.57	21.51		
20	QPSK	1	49	21.38	21.52	21.45	22	0
20	QPSK	1	99	21.41	21.45	21.38		
20	QPSK	50	0	20.61	20.72	20.58		
20	QPSK	50	24	20.52	20.64	20.51	21	1
20	QPSK	50	50	20.51	20.57	20.43		
20	QPSK	100	0	20.56	20.65	20.57		
20	16QAM	1	0	20.73	20.87	20.84		
20	16QAM	1	49	20.72	20.82	20.72	21	1
20	16QAM	1	99	20.69	20.75	20.67		
20	16QAM	50	0	19.68	19.77	19.64		
20	16QAM	50	24	19.63	19.72	19.62	20	2
20	16QAM	50	50	19.53	19.65	19.50		
20	16QAM	100	0	19.62	19.69	19.58		
20	64QAM	1	0	19.64	19.77	19.73		
20	64QAM	1	49	19.62	19.72	19.58	20	2
20	64QAM	1	99	19.55	19.65	19.54		
20	64QAM	50	0	18.53	18.64	18.58		
20	64QAM	50	24	18.44	18.59	18.51	19	3
20	64QAM	50	50	18.38	18.52	18.47		
20	64QAM	100	0	18.67	18.73	18.59		
20	256QAM	1	0	16.62	16.71	16.60		
20	256QAM	1	49	16.57	16.66	16.60	17	5
20	256QAM	1	99	16.45	16.59	16.49		
20	256QAM	50	0	16.53	16.63	16.50		
20	256QAM	50	24	16.48	16.58	16.50	17	5
20	256QAM	50	50	16.43	16.51	16.37		
20	256QAM	100	0	16.52	16.61	16.49		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.36	21.53	21.42		
15	QPSK	1	37	21.26	21.40	21.37	22	0
15	QPSK	1	74	21.35	21.31	21.27		
15	QPSK	36	0	20.58	20.60	20.44		
15	QPSK	36	20	20.46	20.56	20.38	21	1
15	QPSK	36	39	20.45	20.43	20.37		
15	QPSK	75	0	20.42	20.57	20.52		
15	16QAM	1	0	20.64	20.77	20.72		
15	16QAM	1	37	20.62	20.71	20.66	21	1
15	16QAM	1	74	20.65	20.68	20.54		
15	16QAM	36	0	19.55	19.63	19.60		
15	16QAM	36	20	19.48	19.61	19.56	20	2
15	16QAM	36	39	19.45	19.50	19.40		
15	16QAM	75	0	19.50	19.58	19.47		
15	64QAM	1	0	19.58	19.72	19.59		
15	64QAM	1	37	19.49	19.68	19.54	20	2
15	64QAM	1	74	19.42	19.54	19.44		
15	64QAM	36	0	18.48	18.51	18.54		
15	64QAM	36	20	18.33	18.53	18.43	19	3
15	64QAM	36	39	18.25	18.44	18.39		
15	64QAM	75	0	18.54	18.61	18.55		
15	256QAM	1	0	16.53	16.57	16.51		
15	256QAM	1	37	16.51	16.56	16.57	17	5
15	256QAM	1	74	16.37	16.56	16.42		
15	256QAM	36	0	16.43	16.50	16.37		
15	256QAM	36	20	16.39	16.46	16.40	17	5
15	256QAM	36	39	16.34	16.47	16.31		
15	256QAM	75	0	16.46	16.47	16.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.28	21.50	21.40		
10	QPSK	1	25	21.29	21.47	21.38	22	0
10	QPSK	1	49	21.28	21.31	21.24		
10	QPSK	25	0	20.50	20.59	20.47		
10	QPSK	25	12	20.42	20.56	20.41	21	1
10	QPSK	25	25	20.44	20.49	20.30		
10	QPSK	50	0	20.50	20.52	20.44		
10	16QAM	1	0	20.62	20.74	20.77		
10	16QAM	1	25	20.60	20.79	20.61	21	1
10	16QAM	1	49	20.56	20.62	20.61		
10	16QAM	25	0	19.56	19.69	19.52		
10	16QAM	25	12	19.56	19.61	19.53	20	2
10	16QAM	25	25	19.44	19.54	19.41		
10	16QAM	50	0	19.49	19.66	19.48		
10	64QAM	1	0	19.53	19.64	19.60		
10	64QAM	1	25	19.53	19.58	19.48	20	2
10	64QAM	1	49	19.45	19.62	19.49		
10	64QAM	25	0	18.45	18.53	18.49		
10	64QAM	25	12	18.38	18.49	18.45	19	3
10	64QAM	25	25	18.33	18.42	18.42		
10	64QAM	50	0	18.56	18.67	18.51		
10	256QAM	1	0	16.59	16.64	16.50		
10	256QAM	1	25	16.52	16.61	16.46	17	5
10	256QAM	1	49	16.30	16.52	16.38		
10	256QAM	25	0	16.46	16.59	16.45		
10	256QAM	25	12	16.43	16.52	16.47	17	5
10	256QAM	25	25	16.39	16.37	16.32		
10	256QAM	50	0	16.39	16.58	16.46		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.35	21.44	21.41		
5	QPSK	1	12	21.26	21.38	21.40	22	0
5	QPSK	1	24	21.27	21.33	21.31		
5	QPSK	12	0	20.54	20.60	20.47		
5	QPSK	12	7	20.40	20.54	20.36	21	1
5	QPSK	12	13	20.37	20.45	20.29		
5	QPSK	25	0	20.49	20.53	20.44		
5	16QAM	1	0	20.59	20.73	20.80		
5	16QAM	1	12	20.58	20.74	20.64	21	1
5	16QAM	1	24	20.61	20.66	20.63		
5	16QAM	12	0	19.63	19.69	19.49		
5	16QAM	12	7	19.56	19.62	19.48	20	2
5	16QAM	12	13	19.38	19.53	19.36		
5	16QAM	25	0	19.56	19.54	19.55		
5	64QAM	1	0	19.50	19.73	19.63		
5	64QAM	1	12	19.55	19.66	19.48	20	2
5	64QAM	1	24	19.43	19.58	19.40		
5	64QAM	12	0	18.46	18.60	18.51		
5	64QAM	12	7	18.40	18.45	18.41	19	3
5	64QAM	12	13	18.26	18.43	18.36		
5	64QAM	25	0	18.59	18.60	18.46		
5	256QAM	1	0	16.53	16.57	16.52		
5	256QAM	1	12	16.52	16.58	16.47	17	5
5	256QAM	1	24	16.33	16.45	16.37		
5	256QAM	12	0	16.43	16.53	16.36		
5	256QAM	12	7	16.43	16.44	16.46	17	5
5	256QAM	12	13	16.40	16.37	16.22		
5	256QAM	25	0	16.44	16.51	16.36		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.31	21.47	21.42		
3	QPSK	1	8	21.25	21.43	21.36	22	0
3	QPSK	1	14	21.34	21.40	21.35		
3	QPSK	8	0	20.57	20.64	20.43		
3	QPSK	8	4	20.43	20.49	20.42	21	1
3	QPSK	8	7	20.41	20.48	20.32		
3	QPSK	15	0	20.42	20.51	20.50		
3	16QAM	1	0	20.63	20.81	20.81		
3	16QAM	1	8	20.63	20.71	20.61	21	1
3	16QAM	1	14	20.63	20.71	20.52		
3	16QAM	8	0	19.62	19.71	19.57		
3	16QAM	8	4	19.51	19.68	19.51	20	2
3	16QAM	8	7	19.49	19.53	19.44		
3	16QAM	15	0	19.58	19.64	19.50		
3	64QAM	1	0	19.55	19.72	19.62		
3	64QAM	1	8	19.48	19.58	19.49	20	2
3	64QAM	1	14	19.42	19.60	19.49		
3	64QAM	8	0	18.41	18.53	18.45		
3	64QAM	8	4	18.34	18.56	18.39	19	3
3	64QAM	8	7	18.29	18.38	18.37		
3	64QAM	15	0	18.56	18.65	18.54		
3	256QAM	1	0	16.53	16.60	16.51		
3	256QAM	1	8	16.52	16.56	16.52	17	5
3	256QAM	1	14	16.32	16.53	16.37		
3	256QAM	8	0	16.39	16.60	16.45		
3	256QAM	8	4	16.41	16.49	16.38	17	5
3	256QAM	8	7	16.29	16.41	16.30		
3	256QAM	15	0	16.42	16.48	16.42		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.35	21.48	21.39		
1.4	QPSK	1	3	21.34	21.39	21.33		
1.4	QPSK	1	5	21.38	21.41	21.35	22	0
1.4	QPSK	3	0	21.33	21.46	21.39		
1.4	QPSK	3	1	21.26	21.39	21.42		
1.4	QPSK	3	3	21.26	21.37	21.30		
1.4	QPSK	6	0	20.56	20.69	20.51	22	0
1.4	16QAM	1	0	20.40	20.49	20.47		
1.4	16QAM	1	3	20.40	20.53	20.32		
1.4	16QAM	1	5	20.52	20.61	20.53	22	0
1.4	16QAM	3	0	20.65	20.83	20.69		
1.4	16QAM	3	1	20.58	20.70	20.67		
1.4	16QAM	3	3	20.65	20.61	20.64		
1.4	16QAM	6	0	19.54	19.68	19.58	22	0
1.4	64QAM	1	0	19.59	19.66	19.51		
1.4	64QAM	1	3	19.42	19.54	19.41		
1.4	64QAM	1	5	19.48	19.54	19.50	22	0
1.4	64QAM	3	0	19.59	19.68	19.65		
1.4	64QAM	3	1	19.49	19.58	19.48		
1.4	64QAM	3	3	19.42	19.50	19.43		
1.4	64QAM	6	0	18.40	18.51	18.47	22	0
1.4	256QAM	1	0	16.49	16.65	16.49		
1.4	256QAM	1	3	16.49	16.59	16.50		
1.4	256QAM	1	5	16.32	16.51	16.43	20.1	1.9
1.4	256QAM	3	0	16.47	16.48	16.37		
1.4	256QAM	3	1	16.38	16.45	16.44		
1.4	256QAM	3	3	16.29	16.39	16.25		
1.4	256QAM	6	0	16.42	16.47	16.38	20.1	1.9

Band 38 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	15.84	15.96	15.87	17.4	0
20	QPSK	1	49	15.81	15.86	15.66		
20	QPSK	1	99	15.81	15.90	15.88		
20	QPSK	50	0	15.72	15.89	15.67	17.4	0
20	QPSK	50	24	15.71	15.72	15.61		
20	QPSK	50	50	15.82	15.81	15.74		
20	QPSK	100	0	15.68	15.81	15.72		
20	16QAM	1	0	15.79	15.95	15.59	17.4	0
20	16QAM	1	49	15.66	15.79	15.75		
20	16QAM	1	99	15.85	15.78	15.77		
20	16QAM	50	0	15.78	15.91	15.60	17.4	0
20	16QAM	50	24	15.77	15.82	15.65		
20	16QAM	50	50	15.84	15.74	15.77		
20	16QAM	100	0	15.87	15.72	15.63		
20	64QAM	1	0	15.76	15.78	15.81	17.4	0
20	64QAM	1	49	15.95	15.80	15.86		
20	64QAM	1	99	15.66	15.74	15.61		
20	64QAM	50	0	15.82	15.86	15.81	17.4	0
20	64QAM	50	24	15.79	15.82	15.69		
20	64QAM	50	50	15.80	15.71	15.68		
20	64QAM	100	0	15.78	15.78	15.84		
20	256QAM	1	0	15.86	15.83	15.65	17.4	0
20	256QAM	1	49	15.64	15.74	15.55		
20	256QAM	1	99	15.65	15.79	15.82		
20	256QAM	50	0	15.80	15.92	15.92	17.4	0
20	256QAM	50	24	15.82	15.80	15.81		
20	256QAM	50	50	15.64	15.73	15.60		
20	256QAM	100	0	15.73	15.80	15.70		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	15.69	15.94	15.73	17.4	0
15	QPSK	1	37	15.72	15.83	15.51		
15	QPSK	1	74	15.79	15.87	15.83		
15	QPSK	36	0	15.60	15.75	15.63	17.4	0
15	QPSK	36	20	15.55	15.61	15.58		
15	QPSK	36	39	15.76	15.71	15.70		
15	QPSK	75	0	15.64	15.77	15.65		
15	16QAM	1	0	15.77	15.80	15.44	17.4	0
15	16QAM	1	37	15.49	15.63	15.61		
15	16QAM	1	74	15.76	15.60	15.66		
15	16QAM	36	0	15.72	15.79	15.55	17.4	0
15	16QAM	36	20	15.59	15.74	15.51		
15	16QAM	36	39	15.73	15.62	15.63		
15	16QAM	75	0	15.79	15.56	15.56		
15	64QAM	1	0	15.59	15.74	15.78	17.4	0
15	64QAM	1	37	15.87	15.65	15.77		
15	64QAM	1	74	15.49	15.72	15.46		
15	64QAM	36	0	15.80	15.71	15.76	17.4	0
15	64QAM	36	20	15.66	15.72	15.57		
15	64QAM	36	39	15.68	15.56	15.62		
15	64QAM	75	0	15.63	15.66	15.80	17.4	0
15	256QAM	1	0	15.73	15.80	15.58		
15	256QAM	1	37	15.57	15.71	15.42		
15	256QAM	1	74	15.62	15.69	15.69		
15	256QAM	36	0	15.67	15.76	15.90	17.4	0
15	256QAM	36	20	15.76	15.71	15.72		
15	256QAM	36	39	15.51	15.59	15.51		
15	256QAM	75	0	15.63	15.71	15.63		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	15.73	15.92	15.74	17.4	0
10	QPSK	1	25	15.69	15.79	15.61		
10	QPSK	1	49	15.70	15.79	15.81		
10	QPSK	25	0	15.54	15.72	15.53	17.4	0
10	QPSK	25	12	15.67	15.57	15.63		
10	QPSK	25	25	15.71	15.70	15.62		
10	QPSK	50	0	15.57	15.80	15.54		
10	16QAM	1	0	15.71	15.81	15.45	17.4	0
10	16QAM	1	25	15.55	15.70	15.73		
10	16QAM	1	49	15.78	15.71	15.62		
10	16QAM	25	0	15.73	15.75	15.57	17.4	0
10	16QAM	25	12	15.71	15.70	15.60		
10	16QAM	25	25	15.74	15.58	15.63		
10	16QAM	50	0	15.72	15.59	15.58		
10	64QAM	1	0	15.60	15.67	15.68	17.4	0
10	64QAM	1	25	15.89	15.77	15.77		
10	64QAM	1	49	15.48	15.59	15.44		
10	64QAM	25	0	15.78	15.75	15.77	17.4	0
10	64QAM	25	12	15.70	15.71	15.55		
10	64QAM	25	25	15.62	15.69	15.58		
10	64QAM	50	0	15.70	15.61	15.79		
10	256QAM	1	0	15.69	15.68	15.53	17.4	0
10	256QAM	1	25	15.48	15.69	15.42		
10	256QAM	1	49	15.49	15.63	15.77		
10	256QAM	25	0	15.77	15.85	15.84	17.4	0
10	256QAM	25	12	15.65	15.65	15.68		
10	256QAM	25	25	15.54	15.63	15.52		
10	256QAM	50	0	15.70	15.65	15.66		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	15.74	15.91	15.79	17.4	0
5	QPSK	1	12	15.68	15.69	15.51		
5	QPSK	1	24	15.67	15.88	15.80		
5	QPSK	12	0	15.65	15.81	15.63	17.4	0
5	QPSK	12	7	15.68	15.59	15.67		
5	QPSK	12	13	15.71	15.72	15.57		
5	QPSK	25	0	15.55	15.86	15.63	17.4	0
5	16QAM	1	0	15.66	15.84	15.68		
5	16QAM	1	12	15.57	15.73	15.59		
5	16QAM	1	24	15.72	15.72	15.61		
5	16QAM	12	0	15.63	15.85	15.51	17.4	0
5	16QAM	12	7	15.61	15.75	15.53		
5	16QAM	12	13	15.80	15.69	15.60		
5	16QAM	25	0	15.77	15.66	15.55	17.4	0
5	64QAM	1	0	15.59	15.70	15.74		
5	64QAM	1	12	15.79	15.69	15.82		
5	64QAM	1	24	15.59	15.63	15.45		
5	64QAM	12	0	15.71	15.83	15.64	17.4	0
5	64QAM	12	7	15.71	15.72	15.64		
5	64QAM	12	13	15.64	15.62	15.64		
5	64QAM	25	0	15.73	15.69	15.74		
5	256QAM	1	0	15.76	15.65	15.63	17.4	0
5	256QAM	1	12	15.59	15.72	15.49		
5	256QAM	1	24	15.48	15.62	15.65		
5	256QAM	12	0	15.66	15.77	15.86	17.4	0
5	256QAM	12	7	15.75	15.76	15.72		
5	256QAM	12	13	15.48	15.64	15.57		
5	256QAM	25	0	15.67	15.72	15.56		

Band 41 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	15.93	16.02	16.03	15.98	15.89	17.4	0
20	QPSK	1	49	15.88	15.93	16.01	15.82	15.88		
20	QPSK	1	99	15.88	15.93	16.01	15.96	15.75		
20	QPSK	50	0	15.85	15.89	15.95	15.85	15.80	17.4	0
20	QPSK	50	24	15.88	15.85	15.89	15.87	15.79		
20	QPSK	50	50	15.74	15.87	15.89	15.80	15.85		
20	QPSK	100	0	15.76	15.86	15.95	15.86	15.75		
20	16QAM	1	0	15.76	15.87	15.98	15.65	15.63	17.4	0
20	16QAM	1	49	15.77	15.77	15.93	15.86	15.88		
20	16QAM	1	99	15.82	15.93	15.88	15.82	15.87		
20	16QAM	50	0	15.73	15.83	15.99	15.67	15.85	17.4	0
20	16QAM	50	24	15.85	15.90	15.88	15.82	15.68		
20	16QAM	50	50	15.86	15.87	15.86	15.91	15.80		
20	16QAM	100	0	15.79	15.91	15.84	15.74	15.83		
20	64QAM	1	0	15.85	15.79	15.86	15.86	15.61	17.4	0
20	64QAM	1	49	15.76	15.98	15.95	15.88	15.76		
20	64QAM	1	99	15.76	15.81	15.88	15.68	15.82		
20	64QAM	50	0	15.81	15.91	15.96	15.86	15.71	17.4	0
20	64QAM	50	24	15.83	15.85	15.99	15.84	15.85		
20	64QAM	50	50	15.76	15.84	15.86	15.71	15.80		
20	64QAM	100	0	15.77	15.86	15.95	15.87	15.64		
20	256QAM	1	0	15.80	15.91	15.96	15.81	15.73	17.4	0
20	256QAM	1	49	15.75	15.77	15.83	15.70	15.77		
20	256QAM	1	99	15.84	15.82	15.92	15.87	15.70		
20	256QAM	50	0	15.94	15.96	15.94	15.96	15.73	17.4	0
20	256QAM	50	24	15.87	15.96	15.97	15.95	15.75		
20	256QAM	50	50	15.82	15.77	15.89	15.76	15.71		
20	256QAM	100	0	15.73	15.78	15.97	15.79	15.62		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	15.85	15.91	15.90	15.93	15.73	17.40	0
15	QPSK	1	37	15.85	15.76	15.94	15.71	15.84		
15	QPSK	1	74	15.76	15.83	15.95	15.93	15.64		
15	QPSK	36	0	15.72	15.77	15.86	15.69	15.73	17.4	0
15	QPSK	36	20	15.78	15.76	15.79	15.72	15.65		
15	QPSK	36	39	15.58	15.81	15.79	15.73	15.68		
15	QPSK	75	0	15.73	15.80	15.88	15.84	15.61		
15	16QAM	1	0	15.67	15.72	15.95	15.53	15.66	17.4	0
15	16QAM	1	37	15.62	15.71	15.88	15.75	15.96		
15	16QAM	1	74	15.73	15.86	15.77	15.70	15.80		
15	16QAM	36	0	15.65	15.69	15.93	15.59	15.80	17.4	0
15	16QAM	36	20	15.82	15.86	15.84	15.75	15.65		
15	16QAM	36	39	15.84	15.75	15.72	15.84	15.76		
15	16QAM	75	0	15.62	15.76	15.78	15.70	15.70		
15	64QAM	1	0	15.69	15.63	15.77	15.72	15.46	17.4	0
15	64QAM	1	37	15.61	15.88	15.81	15.72	15.71		
15	64QAM	1	74	15.72	15.77	15.77	15.64	15.77		
15	64QAM	36	0	15.68	15.87	15.92	15.70	15.64	17.4	0
15	64QAM	36	20	15.73	15.80	15.89	15.73	15.72		
15	64QAM	36	39	15.62	15.76	15.69	15.65	15.72		
15	64QAM	75	0	15.63	15.75	15.84	15.80	15.56		
15	256QAM	1	0	15.65	15.74	15.87	15.64	15.55	17.4	0
15	256QAM	1	37	15.64	15.72	15.77	15.61	15.66		
15	256QAM	1	74	15.73	15.80	15.86	15.79	15.62		
15	256QAM	36	0	15.79	15.82	15.89	15.87	15.59	17.4	0
15	256QAM	36	20	15.75	15.79	15.90	15.86	15.68		
15	256QAM	36	39	15.75	15.67	15.79	15.62	15.56		
15	256QAM	75	0	15.57	15.63	15.88	15.66	15.50		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.90	15.97	15.93	15.96	15.75	17.40	0
10	QPSK	1	25	15.77	15.88	15.85	15.80	15.70		
10	QPSK	1	49	15.80	15.82	15.89	15.91	15.61		
10	QPSK	25	0	15.83	15.74	15.91	15.76	15.64	17.4	0
10	QPSK	25	12	15.86	15.81	15.71	15.70	15.66		
10	QPSK	25	25	15.59	15.70	15.72	15.63	15.78		
10	QPSK	50	0	15.59	15.71	15.79	15.77	15.62		
10	16QAM	1	0	15.63	15.70	15.83	15.58	15.72	17.4	0
10	16QAM	1	25	15.60	15.61	15.80	15.82	15.56		
10	16QAM	1	49	15.73	15.84	15.82	15.74	15.75		
10	16QAM	25	0	15.58	15.78	15.82	15.53	15.76	17.4	0
10	16QAM	25	12	15.80	15.76	15.74	15.68	15.57		
10	16QAM	25	25	15.71	15.81	15.76	15.77	15.72		
10	16QAM	50	0	15.63	15.84	15.77	15.62	15.73		
10	64QAM	1	0	15.78	15.63	15.78	15.68	15.53	17.4	0
10	64QAM	1	25	15.70	15.82	15.92	15.77	15.65		
10	64QAM	1	49	15.70	15.69	15.75	15.59	15.72		
10	64QAM	25	0	15.68	15.79	15.82	15.84	15.64	17.4	0
10	64QAM	25	12	15.81	15.81	15.85	15.81	15.70		
10	64QAM	25	25	15.62	15.76	15.72	15.62	15.70		
10	64QAM	50	0	15.74	15.80	15.92	15.82	15.48		
10	256QAM	1	0	15.74	15.74	15.80	15.66	15.62	17.4	0
10	256QAM	1	25	15.69	15.61	15.81	15.67	15.65		
10	256QAM	1	49	15.69	15.71	15.80	15.70	15.56		
10	256QAM	25	0	15.70	15.91	15.89	15.84	15.60	17.4	0
10	256QAM	25	12	15.71	15.92	15.92	15.78	15.61		
10	256QAM	25	25	15.70	15.60	15.81	15.68	15.58		
10	256QAM	50	0	15.57	15.66	15.81	15.72	15.51		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	15.91	15.98	15.95	15.87	15.84	17.40	0
5	QPSK	1	12	15.76	15.76	15.95	15.67	15.80		
5	QPSK	1	24	15.77	15.84	15.94	15.91	15.72		
5	QPSK	12	0	15.73	15.74	15.87	15.77	15.62	17.4	0
5	QPSK	12	7	15.75	15.74	15.73	15.81	15.64		
5	QPSK	12	13	15.69	15.84	15.82	15.73	15.75		
5	QPSK	25	0	15.72	15.70	15.84	15.77	15.68	17.4	0
5	16QAM	1	0	15.60	15.80	15.92	15.49	15.70		
5	16QAM	1	12	15.75	15.63	15.76	15.81	15.52		
5	16QAM	1	24	15.75	15.76	15.72	15.65	15.80		
5	16QAM	12	0	15.65	15.71	15.90	15.56	15.82	17.4	0
5	16QAM	12	7	15.71	15.87	15.85	15.79	15.59		
5	16QAM	12	13	15.83	15.75	15.71	15.74	15.78		
5	16QAM	25	0	15.68	15.87	15.69	15.59	15.66	17.4	0
5	64QAM	1	0	15.70	15.68	15.74	15.73	15.56		
5	64QAM	1	12	15.62	15.81	15.83	15.82	15.59		
5	64QAM	1	24	15.66	15.65	15.73	15.63	15.65		
5	64QAM	12	0	15.68	15.86	15.91	15.76	15.68	17.4	0
5	64QAM	12	7	15.65	15.69	15.94	15.79	15.76		
5	64QAM	12	13	15.67	15.67	15.82	15.61	15.71		
5	64QAM	25	0	15.68	15.70	15.81	15.70	15.53		
5	256QAM	1	0	15.75	15.87	15.91	15.65	15.67	17.4	0
5	256QAM	1	12	15.69	15.61	15.78	15.64	15.70		
5	256QAM	1	24	15.81	15.79	15.81	15.72	15.65		
5	256QAM	12	0	15.82	15.81	15.92	15.90	15.69	17.4	0
5	256QAM	12	7	15.82	15.81	15.92	15.90	15.70		
5	256QAM	12	13	15.74	15.67	15.84	15.66	15.55		
5	256QAM	25	0	15.61	15.70	15.88	15.75	15.47		

Band 41 HPUE Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.58	17.60	17.54	17.55	17.57	19	0
20	QPSK	1	49	17.56	17.46	17.62	17.44	17.51		
20	QPSK	1	99	17.60	17.53	17.61	17.51	17.55		
20	QPSK	50	0	17.50	17.46	17.58	17.47	17.44	19	0
20	QPSK	50	24	17.49	17.33	17.51	17.37	17.38		
20	QPSK	50	50	17.55	17.44	17.49	17.38	17.56		
20	QPSK	100	0	17.58	17.51	17.53	17.38	17.42		
20	16QAM	1	0	17.49	17.41	17.57	17.40	17.49	19	0
20	16QAM	1	49	17.35	17.38	17.42	17.22	17.36		
20	16QAM	1	99	17.41	17.37	17.38	17.39	17.43		
20	16QAM	50	0	17.33	17.26	17.49	17.36	17.27	19	0
20	16QAM	50	24	17.36	17.21	17.38	17.15	17.18		
20	16QAM	50	50	17.48	17.31	17.31	17.16	17.40		
20	16QAM	100	0	17.42	17.32	17.41	17.22	17.28		
20	64QAM	1	0	17.44	17.37	17.48	17.47	17.49	19	0
20	64QAM	1	49	17.40	17.34	17.50	17.30	17.41		
20	64QAM	1	99	17.52	17.35	17.49	17.40	17.40		
20	64QAM	50	0	17.34	17.26	17.44	17.38	17.27	19	0
20	64QAM	50	24	17.31	17.23	17.39	17.24	17.28		
20	64QAM	50	50	17.38	17.25	17.30	17.22	17.36		
20	64QAM	100	0	17.46	17.28	17.37	17.17	17.33		
20	256QAM	1	0	17.35	17.50	17.52	17.45	17.43	19	0
20	256QAM	1	49	17.42	17.27	17.48	17.29	17.35		
20	256QAM	1	99	17.50	17.32	17.52	17.28	17.39		
20	256QAM	50	0	17.34	17.34	17.42	17.29	17.35	19	0
20	256QAM	50	24	17.38	17.24	17.31	17.22	17.21		
20	256QAM	50	50	17.44	17.26	17.30	17.26	17.35		
20	256QAM	100	0	17.37	17.44	17.41	17.20	17.28		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.54	17.54	17.61	17.46	17.55	19.00	0
15	QPSK	1	37	17.44	17.41	17.58	17.33	17.47		
15	QPSK	1	74	17.49	17.47	17.53	17.46	17.50		
15	QPSK	36	0	17.49	17.36	17.55	17.35	17.37	19	0
15	QPSK	36	20	17.38	17.28	17.41	17.30	17.28		
15	QPSK	36	39	17.47	17.40	17.36	17.37	17.54		
15	QPSK	75	0	17.56	17.51	17.39	17.31	17.33		
15	16QAM	1	0	17.34	17.39	17.46	17.37	17.35	19	0
15	16QAM	1	37	17.28	17.34	17.38	17.06	17.22		
15	16QAM	1	74	17.34	17.33	17.27	17.38	17.39		
15	16QAM	36	0	17.29	17.25	17.38	17.27	17.25	19	0
15	16QAM	36	20	17.31	17.16	17.34	17.06	17.15		
15	16QAM	36	39	17.47	17.18	17.23	17.15	17.34		
15	16QAM	75	0	17.40	17.26	17.28	17.08	17.15		
15	64QAM	1	0	17.29	17.35	17.33	17.38	17.34	19	0
15	64QAM	1	37	17.32	17.26	17.38	17.25	17.38		
15	64QAM	1	74	17.44	17.27	17.43	17.27	17.37		
15	64QAM	36	0	17.33	17.15	17.31	17.30	17.12	19	0
15	64QAM	36	20	17.15	17.13	17.35	17.08	17.15		
15	64QAM	36	39	17.30	17.23	17.18	17.15	17.27		
15	64QAM	75	0	17.39	17.19	17.30	17.03	17.26		
15	256QAM	1	0	17.24	17.48	17.43	17.31	17.32	19	0
15	256QAM	1	37	17.30	17.27	17.44	17.26	17.20		
15	256QAM	1	74	17.46	17.22	17.46	17.19	17.24		
15	256QAM	36	0	17.23	17.20	17.26	17.25	17.19	19	0
15	256QAM	36	20	17.32	17.17	17.16	17.18	17.12		
15	256QAM	36	39	17.38	17.25	17.19	17.17	17.30		
15	256QAM	75	0	17.29	17.34	17.27	17.07	17.24		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.43	17.58	17.48	17.40	17.43	19.00	0
10	QPSK	1	25	17.50	17.38	17.52	17.33	17.46		
10	QPSK	1	49	17.54	17.44	17.56	17.36	17.54		
10	QPSK	25	0	17.37	17.43	17.58	17.34	17.33	19	0
10	QPSK	25	12	17.36	17.32	17.37	17.28	17.24		
10	QPSK	25	25	17.49	17.43	17.41	17.36	17.40		
10	QPSK	50	0	17.45	17.37	17.40	17.34	17.36		
10	16QAM	1	0	17.47	17.30	17.53	17.32	17.36	19	0
10	16QAM	1	25	17.27	17.33	17.41	17.11	17.25		
10	16QAM	1	49	17.41	17.25	17.27	17.28	17.42		
10	16QAM	25	0	17.23	17.23	17.40	17.28	17.16	19	0
10	16QAM	25	12	17.32	17.14	17.26	17.12	17.04		
10	16QAM	25	25	17.36	17.23	17.28	17.04	17.40		
10	16QAM	50	0	17.29	17.29	17.26	17.08	17.22		
10	64QAM	1	0	17.35	17.23	17.43	17.32	17.43	19	0
10	64QAM	1

Band 42 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.19	17.35	17.31	18.2	0
20	QPSK	1	49	17.28	17.29	17.33		
20	QPSK	1	99	17.12	17.31	17.09		
20	QPSK	50	0	17.07	17.32	17.21		
20	QPSK	50	24	17.24	17.15	17.31	18.2	0
20	QPSK	50	50	17.09	17.28	17.00		
20	QPSK	100	0	17.15	17.26	17.15		
20	16QAM	1	0	17.18	17.24	17.30		
20	16QAM	1	49	17.04	17.19	16.94	18.2	0
20	16QAM	1	99	17.17	17.19	17.23		
20	16QAM	50	0	17.22	17.16	17.27		
20	16QAM	50	24	17.05	17.21	16.98	18.2	0
20	16QAM	50	50	17.16	17.33	17.17		
20	16QAM	100	0	17.24	17.19	17.28		
20	64QAM	1	0	16.96	17.17	16.98		
20	64QAM	1	49	17.05	17.23	17.28	18.2	0
20	64QAM	1	99	17.19	17.25	17.21		
20	64QAM	50	0	17.14	17.25	17.17		
20	64QAM	50	24	17.02	17.23	17.27	18.2	0
20	64QAM	50	50	17.13	17.17	17.23		
20	64QAM	100	0	17.07	17.24	16.96		
20	256QAM	1	0	16.23	16.31	16.22		
20	256QAM	1	49	16.11	16.26	16.20	17	1.2
20	256QAM	1	99	16.06	16.19	16.05		
20	256QAM	50	0	16.11	16.25	16.20		
20	256QAM	50	24	16.10	16.20	16.11	17	1.2
20	256QAM	50	50	16.08	16.13	16.06		
20	256QAM	100	0	16.07	16.22	16.09		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.03	17.25	17.22	18.2	0
15	QPSK	1	37	17.24	17.27	17.24		
15	QPSK	1	74	17.04	17.27	17.05		
15	QPSK	36	0	16.92	17.26	17.08		
15	QPSK	36	20	17.07	17.07	17.18	18.2	0
15	QPSK	36	39	16.98	17.19	16.96		
15	QPSK	75	0	17.04	17.09	17.09		
15	16QAM	1	0	17.06	17.19	17.13		
15	16QAM	1	37	16.91	17.11	16.91	18.2	0
15	16QAM	1	74	17.04	17.09	17.16		
15	16QAM	36	0	17.16	17.01	17.25		
15	16QAM	36	20	16.87	17.15	16.95	18.2	0
15	16QAM	36	39	17.14	17.22	17.11		
15	16QAM	75	0	17.09	17.03	17.20		
15	64QAM	1	0	16.79	17.05	16.88		
15	64QAM	1	37	16.88	17.13	17.22	18.2	0
15	64QAM	1	74	17.05	17.14	17.11		
15	64QAM	36	0	17.07	17.16	17.04		
15	64QAM	36	20	16.86	17.15	17.19	18.2	0
15	64QAM	36	39	17.03	17.01	17.19		
15	64QAM	75	0	16.91	17.14	16.93		
15	256QAM	1	0	16.13	16.24	16.14		
15	256QAM	1	37	15.96	16.20	16.12	17	1.2
15	256QAM	1	74	15.99	16.07	15.91		
15	256QAM	36	0	15.99	16.13	16.06		
15	256QAM	36	20	16.07	16.06	16.03	17	1.2
15	256QAM	36	39	16.00	16.04	16.00		
15	256QAM	75	0	15.93	16.14	16.04		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.10	17.25	17.25	18.2	0
10	QPSK	1	25	17.22	17.25	17.18		
10	QPSK	1	49	17.02	17.13	16.95		
10	QPSK	25	0	16.91	17.15	17.19		
10	QPSK	25	12	17.14	17.04	17.24	18.2	0
10	QPSK	25	25	16.96	17.14	16.98		
10	QPSK	50	0	17.09	17.21	17.09		
10	16QAM	1	0	17.11	17.16	17.22		
10	16QAM	1	25	16.99	17.16	16.81	18.2	0
10	16QAM	1	49	17.14	17.16	17.10		
10	16QAM	25	0	17.13	17.01	17.09		
10	16QAM	25	12	16.89	17.08	16.91	18.2	0
10	16QAM	25	25	17.10	17.20	17.12		
10	16QAM	50	0	17.06	17.09	17.24		
10	64QAM	1	0	16.81	17.10	16.91		
10	64QAM	1	25	17.01	17.16	17.16	18.2	0
10	64QAM	1	49	17.13	17.17	17.11		
10	64QAM	25	0	17.00	17.09	17.05		
10	64QAM	25	12	16.98	17.12	17.19	18.2	0
10	64QAM	25	25	17.09	16.99	17.12		
10	64QAM	50	0	16.90	17.20	16.90		
10	256QAM	1	0	16.15	16.26	16.15		
10	256QAM	1	25	15.96	16.20	16.15	17	1.2
10	256QAM	1	49	15.93	16.07	15.93		
10	256QAM	25	0	16.00	16.11	16.09		
10	256QAM	25	12	15.97	16.15	16.01	17	1.2
10	256QAM	25	25	16.02	15.99	15.98		
10	256QAM	50	0	16.00	16.15	15.98		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.12	17.26	17.29	18.2	0
5	QPSK	1	12	17.25	17.17	17.20		
5	QPSK	1	24	17.06	17.19	17.00		
5	QPSK	12	0	17.00	17.28	17.12		
5	QPSK	12	7	17.14	17.06	17.21	18.2	0
5	QPSK	12	13	17.03	17.21	16.86		
5	QPSK	25	0	17.05	17.16	17.13		
5	16QAM	1	0	17.12	17.16	17.20		
5	16QAM	1	12	16.97	17.02	16.77	18.2	0
5	16QAM	1	24	17.04	17.13	17.09		
5	16QAM	12	0	17.17	17.06	17.15		
5	16QAM	12	7	16.94	17.18	16.94	18.2	0
5	16QAM	12	13	17.00	17.20	17.14		
5	16QAM	25	0	17.08	17.08	17.24		
5	64QAM	1	0	16.81	17.00	16.91		
5	64QAM	1	12	17.08	17.12	17.20	18.2	0
5	64QAM	1	24	17.08	17.23	17.14		
5	64QAM	12	0	17.02	17.23	17.09		
5	64QAM	12	7	16.92	17.11	17.19	18.2	0
5	64QAM	12	13	17.03	17.11	17.13		
5	64QAM	25	0	16.97	17.21	16.93		
5	256QAM	1	0	16.12	16.24	16.13		
5	256QAM	1	12	16.02	16.16	16.12	17	1.2
5	256QAM	1	24	16.02	16.06	15.95		
5	256QAM	12	0	16.00	16.12	16.14		
5	256QAM	12	7	16.07	16.07	16.00	17	1.2
5	256QAM	12	13	16.03	16.06	15.94		
5	256QAM	25	0	16.03	16.13	16.04		

Band 42 Part 96 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	17.05	17.30	17.28	18.2	0
20	QPSK	1	49	17.27	17.25	17.16		
20	QPSK	1	99	17.05	17.27	16.97		
20	QPSK	50	0	17.05	17.25	17.11		
20	QPSK	50	24	17.16	17.05	17.16	18.2	0
20	QPSK	50	50	17.04	17.23	16.87		
20	QPSK	100	0	16.99	17.17	16.99		
20	16QAM	1	0	17.05	17.08	17.28		
20	16QAM	1	49	17.00	17.15	16.85	18.2	0
20	16QAM	1	99	17.14	17.04	17.21		
20	16QAM	50	0	17.09	17.06	17.10		
20	16QAM	50	24	17.00	17.06	16.94	18.2	0
20	16QAM	50	50	17.14	17.19	17.14		
20	16QAM	100	0	17.07	17.07	17.16		
20	64QAM	1	0	16.92	17.01	16.83		
20	64QAM	1	49	17.01	17.10	17.12	18.2	0
20	64QAM	1	99	17.12	17.10	17.15		
20	64QAM	50	0	17.07	17.19	17.09		
20	64QAM	50	24	16.85	17.20	17.13	18.2	0
20	64QAM	50	50	17.10	17.13	17.21		
20	64QAM	100	0	16.92	17.12	16.81		
20	256QAM	1	0	16.14	16.28	16.11		
20	256QAM	1	49	15.97	16.10	16.13	17	1.2
20	256QAM	1	99	16.04	16.16	15.91		
20	256QAM	50	0	16.06	16.18	16.05		
20	256QAM	50	24	16.08	16.09	16.03	17	1.2
20	256QAM	50	50	15.93	15.97	15.94		
20	256QAM	100	0	16.03	16.12	15.96		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	16.89	17.29	17.19	18.2	0
15	QPSK	1	37	17.21	17.19	17.04		
15	QPSK	1	74	16.96	17.25	16.90		
15	QPSK	36	0	16.95	17.17	17.07		
15	QPSK	36	20	17.00	17.00	17.02	18.2	0
15	QPSK	36	39	16.98	17.12	16.85		
15	QPSK	75	0	16.94	17.13	16.87		
15	16QAM	1	0	16.99	17.06	17.23		
15	16QAM	1	37	16.93	16.99	16.78	18.2	0
15	16QAM	1	74	17.05	17.01	17.13		
15	16QAM	36	0	17.03	17.00	16.94		
15	16QAM	36	20	16.98	16.97	16.77	18.2	0
15	16QAM	36	39	17.02	17.13	17.05		
15	16QAM	75	0	16.98	16.91	17.14		
15	64QAM	1	0	16.89	16.97	16.66		
15	64QAM	1	37	16.85	17.05	17.01	18.2	0
15	64QAM	1	74	17.06	17.06	17.12		
15	64QAM	36	0	16.91	17.12	16.98		
15	64QAM	36	20	16.83	17.18	17.11	18.2	0
15	64QAM	36	39	17.02	17.10	17.14		
15	64QAM	75	0	16.78	17.09	16.76		
15	256QAM	1	0	15.97	16.17	16.10		
15	256QAM	1	37	15.86	16.00	16.10	17	1.2
15	256QAM	1	74	15.92	16.05	15.80		
15	256QAM	36	0	15.98	16.11	15.99		
15	256QAM	36	20	15.98	15.99	16.01	17	1.2
15	256QAM	36	39	15.80	15.91	15.77		
15	256QAM	75	0	16.01	16.04	15.86		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	16.90	17.16	17.21	18.2	0
10	QPSK	1	25	17.25	17.14	17.07		
10	QPSK	1	49	16.98	17.17	16.87		
10	QPSK	25	0	16.99	17.22	16.96		
10	QPSK	25	12	17.10	16.99	17.02	18.2	0
10	QPSK	25	25	17.02	17.06	16.78		
10	QPSK	50	0	16.83	17.15	16.86		
10	16QAM	1	0	16.93	16.95	17.22		
10	16QAM	1	25	16.89	17.09	16.82	18.2	0
10	16QAM	1	49	17.12	17.03	17.06		
10	16QAM	25	0	17.06	16.98	16.93		
10	16QAM	25	12	16.84	16.94	16.88	18.2	0
10	16QAM	25	25	17.12	17.17	17.00		
10	16QAM	50	0	16.94	17.01	17.00		
10	64QAM	1	0	16.91	16.96	16.71		
10	64QAM	1	25	16.87	17.00	17.08	18.2	0
10	64QAM	1	49	17.01	17.08	17.04		
10	64QAM	25	0	17.00	17.17	16.93		
10	64QAM	25	12	16.77	17.17	16.96	18.2	0
10	64QAM	25	25	17.00	17.04	17.19		
10	64QAM	50	0	16.91	16.98	16.64		
10	256QAM	1	0	15.99	16.23	15.99		
10	256QAM	1	25	15.93	16.02	15.98	17	1.2
10	256QAM	1	49	15.92	15.99	15.87		
10	256QAM	25	0	15.91	16.05	15.97		
10	256QAM	25	12	16.04	16.08	15.96	17	1.2
10	256QAM	25	25	15.81	15.88	15.88		
10	256QAM	50	0	15.99	16.08	15.87		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	16.99	17.24	17.24	18.2	0
5	QPSK	1	12	17.14	17.20	17.13		
5	QPSK	1	24	16.96	17.10	16.83		
5	QPSK	12	0	16.93	17.12	17.01		
5	QPSK	12	7	17.11	17.04	17.05	18.2	0
5	QPSK	12	13	16.93	17.08	16.72		
5	QPSK	25	0	16.88	17.03	16.98		
5	16QAM	1	0	17.03	16.94	17.19		
5	16QAM	1	12	16.92	17.05	16.80	18.2	0
5	16QAM	1	24	17.06	16.91	17.18		
5	16QAM	12	0	16.93	16.93	16.94		
5	16QAM	12	7	16.83	16.90	16.88	18.2	0
5	16QAM	12	13	17.09	17.17	16.97		
5	16QAM	25	0	16.96	16.98	17.11		
5	64QAM	1	0	16.88	16.96	16.68		
5	64QAM	1	12	16.87	17.02	17.07	18.2	0
5	64QAM	1	24	17.01	17.04	17.12		
5	64QAM	12	0	16.94	17.17	16.98		
5	64QAM	12	7	16.70	17.10	17.06	18.2	0
5	64QAM	12	13	16.93	16.97	17.07		
5	64QAM	25	0	16.80	16.99	16.75		
5	256QAM	1	0	16.04	16.22	16.04		
5	256QAM	1	12	15.86	16.04	16.06	17	1.2
5	256QAM	1	24	15.88	16.14	15.89		
5	256QAM	12	0	15.92	16.08	16.02		
5	256QAM	12	7	16.06	15.96	16.00	17	1.2
5	256QAM	12	13	15.81	15.95	15.88		
5	256QAM	25	0	15.93	16.09	15.92		

Band 43 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3810	3850	3890		
20	QPSK	1	0	17.76	17.89	17.77	18.4	0
20	QPSK	1	49	17.68	17.82	17.88		
20	QPSK	1	99	17.60	17.69	17.60		
20	QPSK	50	0	17.66	17.80	17.69		
20	QPSK	50	24	17.60	17.67	17.72		
20	QPSK	50	50	17.49	17.66	17.60		
20	QPSK	100	0	17.60	17.71	17.58		
20	16QAM	1	0	17.57	17.74	17.84		
20	16QAM	1	49	17.57	17.74	17.65	18.4	0
20	16QAM	1	99	17.78	17.88	17.63		
20	16QAM	50	0	17.62	17.73	17.78		
20	16QAM	50	24	17.58	17.67	17.53	18.4	0
20	16QAM	50	50	17.79	17.85	17.78		
20	16QAM	100	0	17.63	17.77	17.68		
20	64QAM	1	0	17.60	17.65	17.59		
20	64QAM	1	49	17.75	17.78	17.56	18.4	0
20	64QAM	1	99	17.63	17.85	17.74		
20	64QAM	50	0	17.47	17.70	17.67		
20	64QAM	50	24	17.67	17.66	17.63	18.4	0
20	64QAM	50	50	17.69	17.68	17.79		
20	64QAM	100	0	17.53	17.66	17.65		
20	256QAM	1	0	16.07	16.15	16.01		
20	256QAM	1	49	15.96	16.10	16.04	17	1.4
20	256QAM	1	99	15.93	16.03	15.88		
20	256QAM	50	0	15.96	16.09	16.06		
20	256QAM	50	24	16.00	16.04	15.93	17	1.4
20	256QAM	50	50	15.93	15.97	15.92		
20	256QAM	100	0	15.82	15.96	15.87		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3827.5	3850	3892.5		
15	QPSK	1	0	17.64	17.69	17.64	18.4	0
15	QPSK	1	37	17.52	17.74	17.71		
15	QPSK	1	74	17.46	17.66	17.48		
15	QPSK	36	0	17.62	17.74	17.56		
15	QPSK	36	20	17.51	17.53	17.68	18.4	0
15	QPSK	36	39	17.40	17.49	17.49		
15	QPSK	75	0	17.56	17.64	17.49		
15	16QAM	1	0	17.49	17.60	17.72		
15	16QAM	1	37	17.51	17.57	17.59	18.4	0
15	16QAM	1	74	17.67	17.84	17.52		
15	16QAM	36	0	17.49	17.64	17.69		
15	16QAM	36	20	17.51	17.61	17.51	18.4	0
15	16QAM	36	39	17.61	17.79	17.72		
15	16QAM	75	0	17.56	17.73	17.57		
15	64QAM	1	0	17.48	17.55	17.56		
15	64QAM	1	37	17.69	17.63	17.51	18.4	0
15	64QAM	1	74	17.52	17.70	17.64		
15	64QAM	36	0	17.44	17.53	17.56		
15	64QAM	36	20	17.60	17.63	17.59	18.4	0
15	64QAM	36	39	17.63	17.61	17.73		
15	64QAM	75	0	17.41	17.50	17.55		
15	256QAM	1	0	15.96	16.08	15.89		
15	256QAM	1	37	15.91	15.97	15.90	17	1.4
15	256QAM	1	74	15.84	15.91	15.79		
15	256QAM	36	0	15.83	15.98	15.92		
15	256QAM	36	20	15.87	15.96	15.85	17	1.4
15	256QAM	36	39	15.82	15.87	15.85		
15	256QAM	75	0	15.78	15.85	15.83		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3805	3850	3895		
10	QPSK	1	0	17.63	17.73	17.61	18.4	0
10	QPSK	1	25	17.65	17.77	17.76		
10	QPSK	1	49	17.46	17.61	17.55		
10	QPSK	25	0	17.52	17.68	17.62		
10	QPSK	25	12	17.56	17.62	17.72	18.4	0
10	QPSK	25	25	17.32	17.51	17.55		
10	QPSK	50	0	17.54	17.54	17.50		
10	16QAM	1	0	17.45	17.64	17.77		
10	16QAM	1	25	17.52	17.57	17.55	18.4	0
10	16QAM	1	49	17.74	17.83	17.53		
10	16QAM	25	0	17.45	17.67	17.71		
10	16QAM	25	12	17.46	17.65	17.44	18.4	0
10	16QAM	25	25	17.68	17.79	17.68		
10	16QAM	50	0	17.59	17.73	17.53		
10	64QAM	1	0	17.57	17.50	17.45		
10	64QAM	1	25	17.61	17.76	17.89	18.4	0
10	64QAM	1	49	17.52	17.80	17.60		
10	64QAM	25	0	17.42	17.67	17.51		
10	64QAM	25	12	17.52	17.61	17.57	18.4	0
10	64QAM	25	25	17.62	17.61	17.74		
10	64QAM	50	0	17.44	17.57	17.48		
10	256QAM	1	0	15.92	16.07	15.89		
10	256QAM	1	25	15.82	15.97	15.94	17	1.4
10	256QAM	1	49	15.79	15.97	15.79		
10	256QAM	25	0	15.85	16.00	15.93		
10	256QAM	25	12	15.92	15.97	15.88	17	1.4
10	256QAM	25	25	15.79	15.90	15.87		
10	256QAM	50	0	15.67	15.90	15.80		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3802.5	3850	3897.5		
5	QPSK	1	0	17.66	17.76	17.70	18.4	0
5	QPSK	1	12	17.51	17.70	17.80		
5	QPSK	1	24	17.54	17.61	17.43		
5	QPSK	12	0	17.51	17.66	17.71		
5	QPSK	12	7	17.44	17.54	17.61	18.4	0
5	QPSK	12	13	17.47	17.53	17.47		
5	QPSK	25	0	17.49	17.57	17.49		
5	16QAM	1	0	17.50	17.60	17.69		
5	16QAM	1	12	17.46	17.58	17.60	18.4	0
5	16QAM	1	24	17.65	17.86	17.58		
5	16QAM	12	0	17.47	17.71	17.66		
5	16QAM	12	7	17.49	17.61	17.45	18.4	0
5	16QAM	12	13	17.62	17.69	17.68		
5	16QAM	25	0	17.52	17.63	17.55		
5	64QAM	1	0	17.44	17.50	17.42		
5	64QAM	1	12	17.58	17.74	17.39	18.4	0
5	64QAM	1	24	17.56	17.81	17.72		
5	64QAM	12	0	17.42	17.68	17.64		
5	64QAM	12	7	17.62	17.51	17.67	18.4	0
5	64QAM	12	13	17.59	17.61	17.71		
5	64QAM	25	0	17.37	17.53	17.60		
5	256QAM	1	0	15.96	16.01	15.92		
5	256QAM	1	12	15.91	15.99	15.89	17	1.4
5	256QAM	1	24	15.88	15.89	15.74		
5	256QAM	12	0	15.90	15.99	15.95		
5	256QAM	12	7	15.96	15.98	15.81	17	1.4
5	256QAM	12	13	15.79	15.87	15.84		
5	256QAM	25	0	15.75	15.87	15.83		

Band 48 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.91	17.92	17.88	17.81	18.4	0
20	QPSK	1	49	17.85	17.90	17.91	17.85		
20	QPSK	1	99	17.73	17.86	17.76	17.73		
20	QPSK	50	0	17.82	17.89	17.75	17.65	18.4	0
20	QPSK	50	24	17.77	17.78	17.81	17.75		
20	QPSK	50	50	17.65	17.69	17.70	17.61		
20	QPSK	100	0	17.77	17.78	17.73	17.72		
20	16QAM	1	0	17.72	17.80	17.87	17.75	18.4	0
20	16QAM	1	49	17.61	17.82	17.70	17.66		
20	16QAM	1	99	17.80	17.90	17.75	17.65		
20	16QAM	50	0	17.77	17.76	17.82	17.70	18.4	0
20	16QAM	50	24	17.66	17.75	17.66	17.58		
20	16QAM	50	50	17.90	17.89	17.85	17.67		
20	16QAM	100	0	17.71	17.87	17.82	17.80		
20	64QAM	1	0	17.66	17.73	17.74	17.57	18.4	0
20	64QAM	1	49	17.83	17.85	17.71	17.71		
20	64QAM	1	99	17.73	17.90	17.87	17.76		
20	64QAM	50	0	17.59	17.81	17.72	17.62	18.4	0
20	64QAM	50	24	17.81	17.79	17.78	17.64		
20	64QAM	50	50	17.78	17.76	17.82	17.74		
20	64QAM	100	0	17.65	17.81	17.68	17.56		
20	256QAM	1	0	17.29	17.34	17.24	17.28	18	0.4
20	256QAM	1	49	17.21	17.29	17.25	17.19		
20	256QAM	1	99	17.14	17.22	17.09	17.10		
20	256QAM	50	0	17.16	17.28	17.14	17.17	18	0.4
20	256QAM	50	24	17.18	17.23	17.16	17.19		
20	256QAM	50	50	17.10	17.16	17.10	17.04		
20	256QAM	100	0	17.18	17.23	17.15	17.12		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.79	17.84	17.79	17.69	18.4	0
15	QPSK	1	37	17.78	17.81	17.78	17.81		
15	QPSK	1	74	17.58	17.83	17.72	17.56		
15	QPSK	36	0	17.69	17.83	17.57	17.55	18.4	0
15	QPSK	36	20	17.73	17.61	17.77	17.64		
15	QPSK	36	39	17.57	17.64	17.57	17.57		
15	QPSK	75	0	17.74	17.72	17.68	17.56		
15	16QAM	1	0	17.69	17.69	17.85	17.60	18.4	0
15	16QAM	1	37	17.56	17.68	17.59	17.53		
15	16QAM	1	74	17.83	17.81	17.68	17.61		
15	16QAM	36	0	17.72	17.59	17.77	17.66	18.4	0
15	16QAM	36	20	17.58	17.60	17.49	17.51		
15	16QAM	36	39	17.85	17.80	17.75	17.56		
15	16QAM	75	0	17.67	17.80	17.66	17.68		
15	64QAM	1	0	17.60	17.67	17.64	17.47	18.4	0
15	64QAM	1	37	17.75	17.75	17.55	17.54		
15	64QAM	1	74	17.66	17.73	17.77	17.70		
15	64QAM	36	0	17.42	17.74	17.70	17.45	18.4	0
15	64QAM	36	20	17.76	17.63	17.63	17.56		
15	64QAM	36	39	17.70	17.63	17.66	17.70		
15	64QAM	75	0	17.56	17.65	17.52	17.45		
15	256QAM	1	0	17.16	17.22	17.13	17.20	18	0.4
15	256QAM	1	37	17.07	17.25	17.13	17.14		
15	256QAM	1	74	17.10	17.09	16.96	17.00		
15	256QAM	36	0	17.09	17.14	17.08	17.03	18	0.4
15	256QAM	36	20	17.06	17.14	17.01	17.06		
15	256QAM	36	39	16.98	17.13	17.00	16.93		
15	256QAM	75	0	17.04	17.17	17.06	17.01		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.85	17.90	17.83	17.73	18.4	0
10	QPSK	1	25	17.77	17.87	17.86	17.80		
10	QPSK	1	49	17.62	17.81	17.69	17.68		
10	QPSK	25	0	17.72	17.72	17.60	17.61	18.4	0
10	QPSK	25	12	17.72	17.63	17.63	17.59		
10	QPSK	25	25	17.54	17.61	17.64	17.51		
10	QPSK	50	0	17.69	17.76	17.67	17.64		
10	16QAM	1	0	17.60	17.66	17.70	17.59	18.4	0
10	16QAM	1	25	17.55	17.69	17.56	17.57		
10	16QAM	1	49	17.66	17.86	17.64	17.54		
10	16QAM	25	0	17.69	17.69	17.71	17.67	18.4	0
10	16QAM	25	12	17.49	17.67	17.51	17.44		
10	16QAM	25	25	17.75	17.86	17.72	17.56		
10	16QAM	50	0	17.66	17.77	17.71	17.70		
10	64QAM	1	0	17.60	17.67	17.64	17.40	18.4	0
10	64QAM	1	25	17.68	17.80	17.56	17.57		
10	64QAM	1	49	17.71	17.81	17.80	17.70		
10	64QAM	25	0	17.47	17.77	17.61	17.52	18.4	0
10	64QAM	25	12	17.68	17.72	17.66	17.58		
10	64QAM	25	25	17.72	17.62	17.74	17.71		
10	64QAM	50	0	17.55	17.77	17.53	17.52		
10	256QAM	1	0	17.22	17.21	17.16	17.20	18	0.4
10	256QAM	1	25	17.12	17.14	17.11	17.04		
10	256QAM	1	49	17.04	17.14	17.03	17.01		
10	256QAM	25	0	17.08	17.14	17.02	17.11	18	0.4
10	256QAM	25	12	17.09	17.09	17.07	17.05		
10	256QAM	25	25	17.05	17.02	17.04	17.00		
10	256QAM	50	0	17.09	17.14	17.11	17.01		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.80	17.77	17.73	17.67	18.4	0
5	QPSK	1	12	17.70	17.79	17.78	17.73		
5	QPSK	1	24	17.62	17.79	17.69	17.67		
5	QPSK	12	0	17.75	17.85	17.68	17.54	18.4	0
5	QPSK	12	7	17.66	17.72	17.66	17.60		
5	QPSK	12	13	17.50	17.62	17.59	17.49		
5	QPSK	25	0	17.73	17.70	17.68	17.65	18.4	0
5	16QAM	1	0	17.64	17.65	17.82	17.70		
5	16QAM	1	12	17.49	17.69	17.57	17.61		
5	16QAM	1	24	17.77	17.78	17.58	17.58	18.4	0
5	16QAM	12	0	17.66	17.67	17.68	17.67		
5	16QAM	12	7	17.54	17.66	17.53	17.55		
5	16QAM	12	13	17.75	17.79	17.77	17.53		
5	16QAM	25	0	17.59	17.80	17.74	17.71	18.4	0
5	64QAM	1	0	17.52	17.60	17.68	17.47		
5	64QAM	1	12	17.79	17.72	17.58	17.53		
5	64QAM	1	24	17.56	17.73	17.73	17.70		
5	64QAM	12	0	17.56	17.79	17.68	17.51	18.4	0
5	64QAM	12	7	17.73	17.66	17.70	17.62		
5	64QAM	12	13	17.69	17.64	17.71	17.68		
5	64QAM	25	0	17.55	17.78	17.64	17.54		
5	256QAM	1	0	17.22	17.22	17.10	17.22	18	0.4
5	256QAM	1	12	17.07	17.24	17.21	17.07		
5	256QAM	1	24	17.08	17.18	17.04	17.07		
5	256QAM	12	0	17.02	17.15	17.11	17.10	18	0.4
5	256QAM	12	7	17.07	17.19	17.04	17.13		
5	256QAM	12	13	17.03	17.04	17.05	16.97		
5	256QAM	25	0	17.03	17.20	17.10	17.01		

GSM1900 Ant 3	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	27.81	27.88	27.75	28.20	18.81	18.88	18.75	19.20
GPRS 1 Tx slot	27.85	27.93	27.79	28.20	18.85	18.93	18.79	19.20
GPRS 2 Tx slots	24.72	24.80	24.74	25.20	18.72	18.80	18.74	19.20
GPRS 3 Tx slots	22.00	22.09	21.96	23.50	17.74	17.83	17.70	19.24
GPRS 4 Tx slots	20.59	20.72	20.60	22.20	17.59	17.72	17.60	19.20
EDGE 1 Tx slot	25.64	25.74	25.60	27.00	16.64	16.74	16.60	18.00
EDGE 2 Tx slots	23.76	23.82	23.69	25.20	17.76	17.82	17.69	19.20
EDGE 3 Tx slots	21.84	21.91	21.79	23.50	17.58	17.65	17.53	19.24
EDGE 4 Tx slots	20.43	20.50	20.47	22.20	17.43	17.50	17.47	19.20

Band		WCDMA II Ant 3			Tune-up Limit (dBm)	WCDMA IV Ant 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.25	18.47	18.35	19.90	18.94	19.10	19.01	20.30
3GPP Rel 99	RMC 12.2Kbps	18.51	18.64	18.58	19.90	19.10	19.15	19.00	20.30
3GPP Rel 6	HSDPA Subtest-1	17.44	17.61	17.65	18.90	18.02	18.15	18.10	19.30
3GPP Rel 6	HSDPA Subtest-2	17.59	17.75	17.37	18.90	17.98	18.19	18.08	19.30
3GPP Rel 6	HSDPA Subtest-3	17.11	17.13	17.07	18.40	17.79	17.81	17.57	18.80
3GPP Rel 6	HSDPA Subtest-4	16.91	17.21	17.08	18.40	17.43	17.66	17.60	18.80
3GPP Rel 8	DC-HSDPA Subtest-1	17.49	17.77	17.50	18.90	18.10	18.22	18.10	19.30
3GPP Rel 8	DC-HSDPA Subtest-2	17.50	17.63	17.59	18.90	17.98	18.21	18.16	19.30
3GPP Rel 8	DC-HSDPA Subtest-3	16.87	17.13	16.96	18.40	17.41	17.62	17.35	18.80
3GPP Rel 8	DC-HSDPA Subtest-4	16.90	17.08	16.94	18.40	17.37	17.47	17.43	18.80
3GPP Rel 6	HSUPA Subtest-1	17.54	17.74	17.35	18.90	18.16	18.10	18.04	19.30
3GPP Rel 6	HSUPA Subtest-2	15.68	15.56	15.61	16.90	16.21	16.19	16.07	17.30
3GPP Rel 6	HSUPA Subtest-3	16.65	16.57	16.49	17.90	17.04	17.16	16.99	18.30
3GPP Rel 6	HSUPA Subtest-4	15.51	15.75	15.75	16.90	15.99	16.23	16.30	17.30
3GPP Rel 6	HSUPA Subtest-5	17.56	17.59	17.35	18.90	18.03	18.07	17.99	19.30

Band 2 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	17.62	17.77	17.71		
20	QPSK	1	49	17.42	17.41	17.33	19	0
20	QPSK	1	99	17.49	17.74	17.63		
20	QPSK	50	0	17.48	17.67	17.40		
20	QPSK	50	24	17.20	17.49	17.45	19	0
20	QPSK	50	50	17.45	17.40	17.39		
20	QPSK	100	0	17.34	17.50	17.44		
20	16QAM	1	0	17.37	17.28	17.15		
20	16QAM	1	49	17.46	17.41	17.43	19	0
20	16QAM	1	99	17.49	17.49	17.37		
20	16QAM	50	0	17.31	17.36	17.26		
20	16QAM	50	24	17.20	17.28	17.34	19	0
20	16QAM	50	50	17.22	17.30	17.29		
20	16QAM	100	0	17.48	17.63	17.46		
20	64QAM	1	0	17.50	17.63	17.68		
20	64QAM	1	49	17.40	17.40	17.41	19	0
20	64QAM	1	99	17.38	17.67	17.57		
20	64QAM	50	0	17.32	17.28	17.29		
20	64QAM	50	24	17.13	17.24	17.45	19	0
20	64QAM	50	50	17.41	17.63	17.43		
20	64QAM	100	0	17.31	17.36	17.42		
20	256QAM	1	0	17.15	17.27	17.36		
20	256QAM	1	49	17.41	17.60	17.60	19	0
20	256QAM	1	99	17.42	17.60	17.57		
20	256QAM	50	0	17.27	17.36	17.35		
20	256QAM	50	24	17.21	17.36	17.36	19	0
20	256QAM	50	50	17.36	17.30	17.25		
20	256QAM	100	0	17.24	17.38	17.27		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.51	17.58	17.68		
15	QPSK	1	37	17.29	17.37	17.26	19	0
15	QPSK	1	74	17.31	17.62	17.55		
15	QPSK	36	0	17.43	17.42	17.37		
15	QPSK	36	20	17.03	17.44	17.38	19	0
15	QPSK	36	39	17.00	17.24	17.23		
15	QPSK	75	0	17.29	17.58	17.37		
15	16QAM	1	0	17.36	17.60	17.48		
15	16QAM	1	37	17.29	17.25	17.31	19	0
15	16QAM	1	74	17.42	17.40	17.32		
15	16QAM	36	0	17.26	17.24	17.11		
15	16QAM	36	20	17.08	17.19	17.17	19	0
15	16QAM	36	39	17.08	17.27	17.24		
15	16QAM	75	0	17.45	17.52	17.31		
15	64QAM	1	0	17.33	17.54	17.59		
15	64QAM	1	37	17.29	17.25	17.29	19	0
15	64QAM	1	74	17.25	17.55	17.44		
15	64QAM	36	0	17.29	17.21	17.16		
15	64QAM	36	20	17.35	17.33	17.17	19	0
15	64QAM	36	39	17.28	17.48	17.26		
15	64QAM	75	0	17.25	17.22	17.27		
15	256QAM	1	0	17.06	17.21	17.29		
15	256QAM	1	37	17.23	17.53	17.47	19	0
15	256QAM	1	74	17.38	17.56	17.41		
15	256QAM	36	0	17.22	17.19	17.31		
15	256QAM	36	20	17.06	17.21	17.32	19	0
15	256QAM	36	39	17.34	17.16	17.08		
15	256QAM	75	0	17.18	17.27	17.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.59	17.56	17.54		
10	QPSK	1	25	17.38	17.36	17.26	19	0
10	QPSK	1	49	17.45	17.62	17.46		
10	QPSK	25	0	17.38	17.46	17.31		
10	QPSK	25	12	17.16	17.44	17.38	19	0
10	QPSK	25	25	17.30	17.24	17.27		
10	QPSK	50	0	17.25	17.57	17.36		
10	16QAM	1	0	17.45	17.67	17.57		
10	16QAM	1	25	17.33	17.25	17.30	19	0
10	16QAM	1	49	17.39	17.42	17.27		
10	16QAM	25	0	17.25	17.28	17.24		
10	16QAM	25	12	17.05	17.13	17.18	19	0
10	16QAM	25	25	17.18	17.13	17.27		
10	16QAM	50	0	17.44	17.54	17.29		
10	64QAM	1	0	17.38	17.60	17.57		
10	64QAM	1	25	17.23	17.34	17.32	19	0
10	64QAM	1	49	17.29	17.60	17.39		
10	64QAM	25	0	17.26	17.21	17.13		
10	64QAM	25	12	17.28	17.25	17.16	19	0
10	64QAM	25	25	17.35	17.51	17.29		
10	64QAM	50	0	17.24	17.28	17.35		
10	256QAM	1	0	17.09	17.15	17.21		
10	256QAM	1	25	17.25	17.51	17.47	19	0
10	256QAM	1	49	17.40	17.56	17.46		
10	256QAM	25	0	17.12	17.30	17.30		
10	256QAM	25	12	17.12	17.27	17.31	19	0
10	256QAM	25	25	17.22	17.28	17.11		
10	256QAM	50	0	17.08	17.23	17.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.59	17.59	17.56		
5	QPSK	1	12	17.38	17.26	17.24	19	0
5	QPSK	1	24	17.39	17.25	17.30		
5	QPSK	12	0	17.33	17.35	17.26		
5	QPSK	12	7	17.15	17.41	17.27	19	0
5	QPSK	12	13	17.02	17.35	17.21		
5	QPSK	25	0	17.25	17.61	17.37		
5	16QAM	1	0	17.40	17.73	17.48		
5	16QAM	1	12	17.34	17.37	17.38	19	0
5	16QAM	1	24	17.44	17.39	17.31		
5	16QAM	12	0	17.21	17.20	17.09		
5	16QAM	12	7	17.14	17.24	17.18	19	0
5	16QAM	12	13	17.11	17.16	17.15		
5	16QAM	25	0	17.37	17.50	17.42		
5	64QAM	1	0	17.45	17.46	17.55		
5	64QAM	1	12	17.36	17.27	17.26	19	0
5	64QAM	1	24	17.25	17.62	17.46		
5	64QAM	12	0	17.21	17.18	17.16		
5	64QAM	12	7	17.04	17.19	17.28	19	0
5	64QAM	12	13	17.35	17.51	17.37		
5	64QAM	25	0	17.23	17.25	17.32		
5	256QAM	1	0	17.06	17.12	17.18		
5	256QAM	1	12	17.37	17.52	17.48	19	0
5	256QAM	1	24	17.38	17.45	17.49		
5	256QAM	12	0	17.10	17.26	17.26		
5	256QAM	12	7	17.04	17.19	17.30	19	0
5	256QAM	12	13	17.32	17.27	17.07		
5	256QAM	25	0	17.18	17.23	17.25		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.51	17.65	17.58		
3	QPSK	1	8	17.24	17.25	17.29	19	0
3	QPSK	1	14	17.33	17.65	17.56		
3	QPSK	8	0	17.41	17.39	17.34		
3	QPSK	8	4	17.09	17.35	17.37	19	0
3	QPSK	8	7	17.02	17.27	17.30		
3	QPSK	15	0	17.20	17.60	17.43		
3	16QAM	1	0	17.37	17.68	17.59		
3	16QAM	1	8	17.36	17.38	17.31	19	0
3	16QAM	1	14	17.43	17.35	17.26		
3	16QAM	8	0	17.21	17.33	17.11		
3	16QAM	8	4	17.03	17.22	17.17	19	0
3	16QAM	8	7	17.19	17.27	17.23		
3	16QAM	15	0	17.39	17.61	17.40		
3	64QAM	1	0	17.42	17.51	17.63		
3	64QAM	1	8	17.38	17.22	17.37	19	0
3	64QAM	1	14	17.28	17.63	17.49		
3	64QAM	8	0	17.17	17.22	17.24		
3	64QAM	8	4	17.38	17.32	17.16	19	0
3	64QAM	8	7	17.25	17.50	17.29		
3	64QAM	15	0	17.28	17.19	17.24		
3	256QAM	1	0	17.04	17.14	17.22		
3	256QAM	1	8	17.31	17.54	17.50	19	0
3	256QAM	1	14	17.37	17.51	17.46		
3	256QAM	8	0	17.19	17.26	17.28		
3	256QAM	8	4	17.16	17.32	17.31	19	0
3	256QAM	8	7	17.27	17.13	17.09		
3	256QAM	15	0	17.18	17.26	17.18		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.58	17.66	17.68		
1.4	QPSK	1	3	17.28	17.23	17.20		
1.4	QPSK	1	5	17.33	17.70	17.55	19	0
1.4	QPSK	3	0	17.37	17.42	17.23		
1.4	QPSK	3	1	17.15	17.45	17.32		
1.4	QPSK	3	3	17.25	17.28	17.30		
1.4	QPSK	6	0	17.27	17.59	17.45	19	0
1.4	16QAM	1	0	17.42	17.68	17.44		
1.4	16QAM	1	3	17.39	17.30	17.28		
1.4	16QAM	1	5	17.37	17.39	17.28	19	0
1.4	16QAM	3	0	17.20	17.25	17.21		
1.4	16QAM	3	1	17.07	17.13	17.31		
1.4	16QAM	3	3	17.17	17.16	17.12		
1.4	16QAM	6	0	17.34	17.51	17.28	19	0
1.4	64QAM	1	0	17.46	17.45	17.63		
1.4	64QAM	1	3	17.27	17.35	17.30		
1.4	64QAM	1	5	17.34	17.64	17.42	19	0
1.4	64QAM	3	0	17.18	17.26	17.19		
1.4	64QAM	3	1	17.10	17.14	17.39		
1.4	64QAM	3	3	17.39	17.48	17.32		
1.4	64QAM	6	0	17.20	17.24	17.36	19	0
1.4	256QAM	1	0	17.07	17.11	17.33		
1.4	256QAM	1	3	17.31	17.43	17.45		
1.4	256QAM	1	5	17.35	17.54	17.43	19	0
1.4	256QAM	3	0	17.23	17.31	17.21		
1.4	256QAM	3	1	17.05	17.30	17.26		
1.4	256QAM	3	3	17.21	17.17	17.16		
1.4	256QAM	6	0	17.10	17.27	17.11	19	0

Band 4 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.91	18.99	18.82		
20	QPSK	1	49	18.70	18.84	18.66	19.9	0
20	QPSK	1	99	18.65	18.84	18.66		
20	QPSK	50	0	18.75	18.90	18.83		
20	QPSK	50	24	18.55	18.73	18.45	19.9	0
20	QPSK	50	50	18.51	18.50	18.57		
20	QPSK	100	0	18.73	18.88	18.77		
20	16QAM	1	0	18.43	18.59	18.53		
20	16QAM	1	49	18.42	18.47	18.50	19.9	0
20	16QAM	1	99	18.78	18.81	18.72		
20	16QAM	50	0	18.58	18.66	18.56		
20	16QAM	50	24	18.51	18.45	18.57	19.9	0
20	16QAM	50	50	18.79	18.89	18.74		
20	16QAM	100	0	18.56	18.72	18.56		
20	64QAM	1	0	18.52	18.65	18.49		
20	64QAM	1	49	18.85	18.93	18.68	19.9	0
20	64QAM	1	99	18.53	18.68	18.64		
20	64QAM	50	0	18.45	18.61	18.48		
20	64QAM	50	24	18.72	18.75	18.84	19.9	0
20	64QAM	50	50	18.59	18.67	18.61		
20	64QAM	100	0	18.45	18.59	18.47		
20	256QAM	1	0	18.03	18.12	18.06		
20	256QAM	1	49	17.94	18.07	17.92	19	0.9
20	256QAM	1	99	17.86	18.00	17.94		
20	256QAM	50	0	17.99	18.08	17.95		
20	256QAM	50	24	17.91	18.03	17.90	19	0.9
20	256QAM	50	50	17.82	17.96	17.89		
20	256QAM	100	0	17.96	18.04	17.92		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.83	18.93	18.75		
15	QPSK	1	37	18.62	18.75	18.58	19.9	0
15	QPSK	1	74	18.48	18.60	18.50		
15	QPSK	36	0	18.67	18.76	18.70		
15	QPSK	36	20	18.47	18.57	18.28	19.9	0
15	QPSK	36	39	18.36	18.35	18.43		
15	QPSK	75	0	18.60	18.80	18.63		
15	16QAM	1	0	18.33	18.44	18.49		
15	16QAM	1	37	18.34	18.40	18.35	19.9	0
15	16QAM	1	74	18.63	18.70	18.65		
15	16QAM	36	0	18.49	18.59	18.53		
15	16QAM	36	20	18.43	18.38	18.43	19.9	0
15	16QAM	36	39	18.63	18.78	18.58		
15	16QAM	75	0	18.46	18.55	18.47		
15	64QAM	1	0	18.38	18.55	18.40		
15	64QAM	1	37	18.78	18.83	18.53	19.9	0
15	64QAM	1	74	18.42	18.51	18.47		
15	64QAM	36	0	18.39	18.57	18.44		
15	64QAM	36	20	18.60	18.61	18.73	19.9	0
15	64QAM	36	39	18.46	18.60	18.46		
15	64QAM	75	0	18.30	18.42	18.42		
15	256QAM	1	0	17.94	18.06	17.99		
15	256QAM	1	37	17.81	18.03	17.83	19	0.9
15	256QAM	1	74	17.71	17.95	17.87		
15	256QAM	36	0	17.88	18.03	17.91		
15	256QAM	36	20	17.87	17.91	17.78	19	0.9
15	256QAM	36	39	17.70	17.92	17.76		
15	256QAM	75	0	17.83	17.92	17.79		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.75	18.91	18.71		
10	QPSK	1	25	18.52	18.76	18.48	19.9	0
10	QPSK	1	49	18.62	18.61	18.49		
10	QPSK	25	0	18.65	18.79	18.66		
10	QPSK	25	12	18.43	18.57	18.31	19.9	0
10	QPSK	25	25	18.45	18.32	18.40		
10	QPSK	50	0	18.56	18.75	18.63		
10	16QAM	1	0	18.38	18.52	18.38		
10	16QAM	1	25	18.26	18.37	18.33	19.9	0
10	16QAM	1	49	18.66	18.73	18.70		
10	16QAM	25	0	18.45	18.54	18.38		
10	16QAM	25	12	18.41	18.40	18.50	19.9	0
10	16QAM	25	25	18.62	18.87	18.72		
10	16QAM	50	0	18.52	18.56	18.53		
10	64QAM	1	0	18.48	18.63	18.38		
10	64QAM	1	25	18.82	18.80	18.64	19.9	0
10	64QAM	1	49	18.49	18.64	18.60		
10	64QAM	25	0	18.40	18.51	18.31		
10	64QAM	25	12	18.59	18.63	18.67	19.9	0
10	64QAM	25	25	18.46	18.55	18.56		
10	64QAM	50	0	18.38	18.53	18.29		
10	256QAM	1	0	17.96	18.04	17.95		
10	256QAM	1	25	17.82	17.99	17.80	19	0.9
10	256QAM	1	49	17.80	17.86	17.91		
10	256QAM	25	0	17.93	17.95	17.87		
10	256QAM	25	12	17.86	17.93	17.77	19	0.9
10	256QAM	25	25	17.74	17.86	17.82		
10	256QAM	50	0	17.90	17.92	17.88		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.82	18.97	18.73		
5	QPSK	1	12	18.64	18.77	18.59	19.9	0
5	QPSK	1	24	18.60	18.47	18.55		
5	QPSK	12	0	18.67	18.82	18.70		
5	QPSK	12	7	18.45	18.66	18.40	19.9	0
5	QPSK	12	13	18.42	18.41	18.43		
5	QPSK	25	0	18.62	18.89	18.65		
5	16QAM	1	0	18.35	18.51	18.48		
5	16QAM	1	12	18.38	18.33	18.40	19.9	0
5	16QAM	1	24	18.60	18.70	18.68		
5	16QAM	12	0	18.41	18.51	18.45		
5	16QAM	12	7	18.38	18.43	18.54	19.9	0
5	16QAM	12	13	18.74	18.73	18.62		
5	16QAM	25	0	18.41	18.67	18.40		
5	64QAM	1	0	18.46	18.50	18.43		
5	64QAM	1	12	18.68	18.77	18.59	19.9	0
5	64QAM	1	24	18.47	18.57	18.51		
5	64QAM	12	0	18.38	18.55	18.39		
5	64QAM	12	7	18.64	18.60	18.74	19.9	0
5	64QAM	12	13	18.46	18.52	18.54		
5	64QAM	25	0	18.37	18.51	18.34		
5	256QAM	1	0	17.93	17.98	18.00		
5	256QAM	1	12	17.80	17.98	17.88	19	0.9
5	256QAM	1	24	17.82	17.95	17.87		
5	256QAM	12	0	17.94	18.02	17.88		
5	256QAM	12	7	17.84	17.93	17.79	19	0.9
5	256QAM	12	13	17.72	17.92	17.80		
5	256QAM	25	0	17.85	17.98	17.83		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.82	18.81	18.73		
3	QPSK	1	8	18.56	18.78	18.52	19.9	0
3	QPSK	1	14	18.55	18.59	18.60		
3	QPSK	8	0	18.58	18.83	18.76		
3	QPSK	8	4	18.41	18.71	18.35	19.9	0
3	QPSK	8	7	18.39	18.46	18.51		
3	QPSK	15	0	18.66	18.81	18.73		
3	16QAM	1	0	18.28	18.52	18.51		
3	16QAM	1	8	18.28	18.40	18.46	19.9	0
3	16QAM	1	14	18.62	18.69	18.69		
3	16QAM	8	0	18.50	18.63	18.51		
3	16QAM	8	4	18.47	18.39	18.50	19.9	0
3	16QAM	8	7	18.75	18.74	18.69		
3	16QAM	15	0	18.48	18.58	18.47		
3	64QAM	1	0	18.46	18.62	18.42		
3	64QAM	1	8	18.69	18.83	18.54	19.9	0
3	64QAM	1	14	18.46	18.55	18.56		
3	64QAM	8	0	18.38	18.57	18.36		
3	64QAM	8	4	18.64	18.68	18.80	19.9	0
3	64QAM	8	7	18.52	18.51	18.53		
3	64QAM	15	0	18.35	18.54	18.40		
3	256QAM	1	0	17.88	18.08	17.93		
3	256QAM	1	8	17.89	17.99	17.88	19	0.9
3	256QAM	1	14	17.74	17.87	17.83		
3	256QAM	8	0	17.92	18.00	17.83		
3	256QAM	8	4	17.78	17.90	17.82	19	0.9
3	256QAM	8	7	17.76	17.91	17.79		
3	256QAM	15	0	17.93	17.98	17.79		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.77	18.93	18.79		
1.4	QPSK	1	3	18.65	18.69	18.50		
1.4	QPSK	1	5	18.54	18.59	18.49	19.9	0
1.4	QPSK	3	0	18.64	18.79	18.72		
1.4	QPSK	3	1	18.37	18.60	18.41		
1.4	QPSK	3	3	18.43	18.35	18.44		
1.4	QPSK	6	0	18.62	18.83	18.73	19.9	0
1.4	16QAM	1	0	18.27	18.49	18.50		
1.4	16QAM	1	3	18.28	18.32	18.42		
1.4	16QAM	1	5	18.76	18.70	18.67	19.9	0
1.4	16QAM	3	0	18.45	18.50	18.40		
1.4	16QAM	3	1	18.43	18.32	18.44		
1.4	16QAM	3	3	18.67	18.77	18.69		
1.4	16QAM	6	0	18.45	18.63	18.46	19.9	0
1.4	64QAM	1	0	18.45	18.47	18.47		
1.4	64QAM	1	3	18.75	18.87	18.62		
1.4	64QAM	1	5	18.51	18.61	18.61	19.9	0
1.4	64QAM	3	0	18.41	18.50	18.39		
1.4	64QAM	3	1	18.70	18.70	18.79		
1.4	64QAM	3	3	18.55	18.57	18.48		
1.4	64QAM	6	0	18.30	18.51	18.29	19.9	0
1.4	256QAM	1	0	17.92	18.08	17.98		
1.4	256QAM	1	3	17.90	18.02	17.85		
1.4	256QAM	1	5	17.81	17.92	17.86	19	0.9
1.4	256QAM	3	0	17.87	18.04	17.87		
1.4	256QAM	3	1	17.81	17.93	17.87		
1.4	256QAM	3	3	17.74	17.88	17.79		
1.4	256QAM	6	0	17.83	17.95	17.78	19	0.9

Band 7 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.44	16.54	16.46		
20	QPSK	1	49	16.39	16.47	16.28	17.5	0
20	QPSK	1	99	16.32	16.32	16.35		
20	QPSK	50	0	16.38	16.50	16.44		
20	QPSK	50	24	16.25	16.30	16.21	17.5	0
20	QPSK	50	50	16.29	16.20	16.30		
20	QPSK	100	0	16.34	16.47	16.37		
20	16QAM	1	0	16.34	16.37	16.14		
20	16QAM	1	49	16.20	16.17	16.26	17.5	0
20	16QAM	1	99	16.31	16.45	16.32		
20	16QAM	50	0	16.21	16.34	16.20		
20	16QAM	50	24	16.25	16.16	16.28	17.

Band 25 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.64	17.81	17.74		
20	QPSK	1	49	17.51	17.52	17.49	19	0
20	QPSK	1	99	17.33	17.51	17.56		
20	QPSK	50	0	17.55	17.78	17.63		
20	QPSK	50	24	17.45	17.43	17.43	19	0
20	QPSK	50	50	17.52	17.45	17.42		
20	QPSK	100	0	17.52	17.76	17.65		
20	16QAM	1	0	17.40	17.39	17.33		
20	16QAM	1	49	17.22	17.47	17.50	19	0
20	16QAM	1	99	17.50	17.72	17.60		
20	16QAM	50	0	17.46	17.43	17.36		
20	16QAM	50	24	17.29	17.40	17.42	19	0
20	16QAM	50	50	17.27	17.38	17.46		
20	16QAM	100	0	17.54	17.67	17.60		
20	64QAM	1	0	17.47	17.43	17.33		
20	64QAM	1	49	17.22	17.47	17.48	19	0
20	64QAM	1	99	17.48	17.71	17.62		
20	64QAM	50	0	17.49	17.44	17.44		
20	64QAM	50	24	17.28	17.41	17.49	19	0
20	64QAM	50	50	17.46	17.70	17.60		
20	64QAM	100	0	17.45	17.47	17.47		
20	256QAM	1	0	17.21	17.42	17.51		
20	256QAM	1	49	17.50	17.71	17.64	19	0
20	256QAM	1	99	17.57	17.71	17.66		
20	256QAM	50	0	17.35	17.45	17.46		
20	256QAM	50	24	17.28	17.45	17.52	19	0
20	256QAM	50	50	17.43	17.34	17.39		
20	256QAM	100	0	17.31	17.43	17.40		
3	Channel			26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1857.5	1880	1907.5		
15	QPSK	1	0	17.48	17.68	17.68		
15	QPSK	1	37	17.37	17.42	17.42	19	0
15	QPSK	1	74	17.22	17.35	17.42		
15	QPSK	36	0	17.47	17.54	17.60		
15	QPSK	36	20	17.28	17.41	17.36	19	0
15	QPSK	36	39	17.10	17.41	17.37		
15	QPSK	75	0	17.44	17.59	17.61		
15	16QAM	1	0	17.27	17.26	17.16		
15	16QAM	1	37	17.16	17.40	17.47	19	0
15	16QAM	1	74	17.42	17.64	17.54		
15	16QAM	36	0	17.30	17.29	17.26		
15	16QAM	36	20	17.22	17.38	17.38	19	0
15	16QAM	36	39	17.24	17.31	17.42		
15	16QAM	75	0	17.50	17.60	17.52		
15	64QAM	1	0	17.41	17.34	17.27		
15	64QAM	1	37	17.15	17.39	17.33	19	0
15	64QAM	1	74	17.34	17.61	17.46		
15	64QAM	36	0	17.38	17.26	17.41		
15	64QAM	36	20	17.19	17.37	17.45	19	0
15	64QAM	36	39	17.33	17.53	17.49		
15	64QAM	75	0	17.40	17.38	17.30		
15	256QAM	1	0	17.19	17.27	17.43		
15	256QAM	1	37	17.39	17.65	17.35	19	0
15	256QAM	1	74	17.53	17.68	17.53		
15	256QAM	36	0	17.18	17.28	17.41		
15	256QAM	36	20	17.15	17.31	17.41	19	0
15	256QAM	36	39	17.33	17.17	17.37		
15	256QAM	75	0	17.22	17.30	17.30		
5	Channel			26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1855	1880	1910		
10	QPSK	1	0	17.51	17.79	17.63		
10	QPSK	1	25	17.38	17.43	17.35	19	0
10	QPSK	1	49	17.30	17.44	17.50		
10	QPSK	25	0	17.56	17.66	17.67		
10	QPSK	25	12	17.42	17.50	17.35	19	0
10	QPSK	25	25	17.59	17.69	17.61		
10	QPSK	50	0	17.42	17.38	17.40		
10	16QAM	1	0	17.28	17.34	17.22		
10	16QAM	1	25	17.17	17.39	17.40	19	0
10	16QAM	1	49	17.37	17.56	17.43		
10	16QAM	25	0	17.42	17.30	17.26		
10	16QAM	25	12	17.25	17.34	17.32	19	0
10	16QAM	25	25	17.14	17.31	17.43		
10	16QAM	50	0	17.36	17.53	17.51		
10	64QAM	1	0	17.35	17.34	17.18		
10	64QAM	1	25	17.10	17.41	17.41	19	0
10	64QAM	1	49	17.34	17.53	17.45		
10	64QAM	25	0	17.34	17.31	17.32		
10	64QAM	25	12	17.21	17.33	17.38	19	0
10	64QAM	25	25	17.28	17.68	17.45		
10	64QAM	50	0	17.27	17.30	17.29		
10	256QAM	1	0	17.18	17.27	17.48		
10	256QAM	1	25	17.45	17.59	17.62	19	0
10	256QAM	1	49	17.52	17.68	17.62		
10	256QAM	25	0	17.27	17.36	17.43		
10	256QAM	25	12	17.19	17.27	17.45	19	0
10	256QAM	25	25	17.35	17.23	17.26		
10	256QAM	50	0	17.20	17.32	17.33		
5	Channel			26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1852.5	1880	1912.5		
5	QPSK	1	0	17.58	17.77	17.58		
5	QPSK	1	12	17.42	17.37	17.38	19	0
5	QPSK	1	24	17.61	17.66	17.59		
5	QPSK	12	0	17.43	17.42	17.45		
5	QPSK	12	7	17.61	17.64	17.64	19	0
5	QPSK	12	13	17.37	17.44	17.36		
5	QPSK	25	0	17.44	17.71	17.52		
5	16QAM	1	0	17.30	17.35	17.16		
5	16QAM	1	12	17.19	17.36	17.35	19	0
5	16QAM	1	24	17.36	17.58	17.51		
5	16QAM	12	0	17.29	17.37	17.19		
5	16QAM	12	7	17.19	17.23	17.32	19	0
5	16QAM	12	13	17.10	17.29	17.35		
5	16QAM	25	0	17.51	17.54	17.52		
5	64QAM	1	0	17.30	17.33	17.26		
5	64QAM	1	12	17.18	17.34	17.38	19	0
5	64QAM	1	24	17.37	17.65	17.48		
5	64QAM	12	0	17.37	17.39	17.38		
5	64QAM	12	7	17.14	17.28	17.44	19	0
5	64QAM	12	13	17.31	17.59	17.57		
5	64QAM	25	0	17.42	17.34	17.41		
5	256QAM	1	0	17.12	17.25	17.46		
5	256QAM	1	12	17.44	17.54	17.53	19	0
5	256QAM	1	24	17.53	17.60	17.54		
5	256QAM	12	0	17.23	17.42	17.36		
5	256QAM	12	7	17.23	17.39	17.47	19	0
5	256QAM	12	13	17.29	17.28	17.26		
5	256QAM	25	0	17.28	17.36	17.30		
3	Channel			26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1851.5	1880	1913.5		
3	QPSK	1	0	17.50	17.68	17.58		
3	QPSK	1	8	17.61	17.74	17.63	19	0
3	QPSK	1	14	17.46	17.34	17.36		
3	QPSK	8	0	17.46	17.58	17.59		
3	QPSK	8	4	17.37	17.25	17.41	19	0
3	QPSK	8	7	17.15	17.34	17.35		
3	QPSK	15	0	17.38	17.69	17.57		
3	16QAM	1	0	17.34	17.23	17.20		
3	16QAM	1	8	17.09	17.34	17.32	19	0
3	16QAM	1	14	17.37	17.56	17.58		
3	16QAM	8	0	17.43	17.35	17.26		
3	16QAM	8	4	17.13	17.26	17.27	19	0
3	16QAM	8	7	17.19	17.28	17.36		
3	16QAM	15	0	17.41	17.60	17.54		
3	64QAM	1	0	17.31	17.27	17.18		
3	64QAM	1	8	17.18	17.30	17.36	19	0
3	64QAM	1	14	17.31	17.66	17.56		
3	64QAM	8	0	17.36	17.33	17.41		
3	64QAM	8	4	17.19	17.34	17.41	19	0
3	64QAM	8	7	17.41	17.62	17.57		
3	64QAM	15	0	17.33	17.35	17.36		
3	256QAM	1	0	17.10	17.33	17.40		
3	256QAM	1	8	17.38	17.57	17.53	19	0
3	256QAM	1	14	17.50	17.59	17.51		
3	256QAM	8	0	17.25	17.42	17.37		
3	256QAM	8	4	17.18	17.40	17.41	19	0
3	256QAM	8	7	17.27	17.21	17.24		
3	256QAM	15	0	17.19	17.41	17.30		
1.4	Channel			26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1850.7	1880	1914.3		
1.4	QPSK	1	0	17.62	17.70	17.61		
1.4	QPSK	1	3	17.47	17.40	17.42		
1.4	QPSK	1	5	17.21	17.38	17.45	19	0
1.4	QPSK	3	0	17.39	17.56	17.45		
1.4	QPSK	3	1	17.34	17.32	17.37		
1.4	QPSK	3	3	17.12	17.40	17.33		
1.4	QPSK	6	0	17.40	17.70	17.54	19	0
1.4	16QAM	1	0	17.47	17.72	17.65		
1.4	16QAM	1	3	17.38	17.48	17.45		
1.4	16QAM	1	5	17.47	17.66	17.52	19	0
1.4	16QAM	3	0	17.39	17.37	17.22		
1.4	16QAM	3	1	17.15	17.34	17.31		
1.4	16QAM	3	3	17.16	17.23	17.35		
1.4	16QAM	6	0	17.40	17.52	17.45	19	0
1.4	64QAM	1	0	17.31	17.33	17.20		
1.4	64QAM	1	3	17.12	17.33	17.37		
1.4	64QAM	1	5	17.43	17.62	17.50	19	0
1.4	64QAM	3	0	17.33	17.41	17.33		
1.4	64QAM	3	1	17.15	17.24	17.32		
1.4	64QAM	3	3	17.38	17.53	17.49		
1.4	64QAM	6	0	17.39	17.30	17.37	19	0
1.4	256QAM	1	0	17.17	17.28	17.47		
1.4	256QAM	1	3	17.41	17.61	17.59		
1.4	256QAM	1	5	17.48	17.61	17.50	19	0
1.4	256QAM	3	0	17.24	17.32	17.37		
1.4	256QAM	3	1	17.25	17.36	17.44		
1.4	256QAM	3	3	17.38	17.22	17.36		
1.4	256QAM	6	0	17.19	17.28	17.24	19	0

Band 66 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.95	19.08	18.92		
20	QPSK	1	49	18.74	18.89	18.77	19.9	0
20	QPSK	1	99	18.67	18.76	18.71		
20	QPSK	50	0	18.82	18.93	18.89		
20	QPSK	50	24	18.64	18.77	18.61	19.9	0
20	QPSK	50	50	18.63	18.65	18.66		
20	QPSK	100	0	18.85	18.91	18.83		
20	16QAM	1	0	18.61	18.74	18.61		
20	16QAM	1	49	18.53	18.58	18.59	19.9	0
20	16QAM	1	99	18.82	18.98	18.82		
20	16QAM	50	0	18.67	18.79	18.64		
20	16QAM	50	24	18.60	18.62	18.63	19.9	0
20	16QAM	50	50	18.89	19.03	18.86		
20	16QAM	100	0	18.65	18.83	18.68		
20	64QAM	1	0	18.63	18.67	18.57		
20	64QAM	1	49	18.91	19.06	18.81	19.9	0
20	64QAM	1	99	18.65	18.73	18.70		
20	64QAM	50	0	18.58	18.67	18.54		
20	64QAM	50	24	18.86	18.92	18.87	19.9	0
20	64QAM	50	50	18.64	18.74	18.72		
20	64QAM	100	0	18.54	18.71	18.64		
20	256QAM	1	0	18.01	18.13	18.04		
20	256QAM	1	49	17.99	18.08	18.02	19	0.9
20	256QAM	1	99	17.90	18.01	17.95		
20	256QAM	50	0	17.93	18.07	17.99		
20	256QAM	50	24	17.98	18.02	17.90	19	0.9
20	256QAM	50	50	17.90	17.95	17.91		
20	256QAM	100	0	18.02	18.05	17.96		
3	Channel			132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1745	1772.5		
15	QPSK	1	0	18.86	19.05	18.87		
15	QPSK	1	37	18.61	18.84	18.61	19.9	0
15	QPSK	1	74	18.58	18.59	18.58		
15	QPSK	36	0	18.67	18.82	18.78		
15	QPSK	36	20	18.62	18.74	18.57	19.9	0
15	QPSK	36	39	18.49	18.57	18.55		
15	QPSK	75	0	18.72	18.96	18.72		
15	16QAM	1	0	18.52	18.65	18.50		
15	16QAM	1	37	18.43	18.43	18.51	19.9	0
15	16QAM	1	74	18.71	18.83	18.66		
15	16QAM	36	0	18.55	18.65	18.61		
15	16QAM	36	20	18.49	18.54	18.55	19.9	0
15	16QAM	36	39	18.78	18.86	18.76		
15	16QAM	75	0	18.57	18.78	18.62		
15	64QAM	1	0	18.52	18.63	18.54		
15	64QAM	1	37	18.82	18.88	18.75	19.9	0
15	64QAM	1	74	18.47	18.67	18.53		
15	64QAM	36	0	18.52	18.49	18.47		
15	64QAM	36	20	18.82	18.89	18.79	19.9	0
15	64QAM	36	39	18.47	18.57	18.70		
15	64QAM	75	0	18.48	18.63	18.59		
15	256QAM	1	0	17.90	18.02	17.94		
15	256QAM	1	37	17.85	17.93	17.88	19	0.9
15	256QAM	1	74	17.83	17.88	17.86		
15	256QAM	36	0	17.79	17.95	17.86		
15	256QAM	36	20	17.92	17.92	17.79	19	0.9
15	256QAM	36	39	17.77	17.85	17.77		
15	256QAM	75	0	17.88	17.94	17.90		
5	Channel			132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1745	1775		
10	QPSK	1	0	18.90	18.95	18.90		
10	QPSK	1	25	18.63	18.82	18.70	19.9	0
10	QPSK	1	49	18.52	18.71	18.58		
10	QPSK	25	0	18.72	18.88	18.82		
10	QPSK	25	12	18.56	18.62	18.59	19.9	0
10	QPSK	25	25	18.52	18.52	18.52		
10	QPSK	50	0	18.83	18.99	18.66		
10	16QAM	1	0	18.47	18.64	18.55		
10	16QAM	1	25	18.51	18.42	18.53	19.9	0
10	16QAM	1	49	18.69	18.81	18.68		
10	16QAM	25	0	18.64	18.61	18.48		
10	16QAM	25	12	18.46	18.56	18.47	19.9	0
10	16QAM	25	25	18.75	18.90	18.71		
10	16QAM	50	0	18.47	18.79	18.60		
10	64QAM	1	0	18.50	18.58	18.55		
10	64QAM	1	25	18.89	18.91	18.64	19.9	0
10	64QAM	1	49	18.52	18.58	18.56		
10	64QAM	25	0	18.48	18.55	18.45		
10	64QAM	25	12	18.80	18.76	18.83	19.9	0
10	64QAM	25	25	18.52	18.63	18.56		
10	64QAM	50	0	18.45	18.60	18.50		
10	256QAM	1	0	17.88	18.00	17.91		
10	256QAM	1	25	17.92	17.95	17.95	19	0.9
10	256QAM	1	49	17.83	17.95	17.86		
10	256QAM	25	0	17.85	18.01	17.84		
10	256QAM	25	12	17.84	17.90	17.79	19	0.9
10	256QAM	25	25	17.84	17.91	17.85		
10	256QAM	50	0	17.88	17.92	17.85		
5	Channel			131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1745	1777.5		
5	QPSK	1	0	18.89	19.03	18.88		
5	QPSK	1	12	18.63	18.84	18.61	19.9	0
5	QPSK	1	24	18.54	18.66	18.56		
5	QPSK	12	0	18.64	18.75	18.73		
5	QPSK	12	7	18.60	18.68	18.59	19.9	0
5	QPSK	12	13	18.57	18.52	18.61		
5	QPSK	25	0	18.74	18.85	18.72		
5	16QAM	1	0	18.50	18.66	18.47		
5	16QAM	1	12	18.41	18.43	18.57	19.9	0
5	16QAM	1	24	18.71	18.81	18.65		
5	16QAM	12	0	18.59	18.65	18.55		
5	16QAM	12	7	18.50	18.57	18.58	19.9	0
5	16QAM	12	13	18.72	18.87	18.76		
5	16QAM	25	0	18.57	18.67	18.60		
5	64QAM	1	0	18.49	18.59	18.46		
5	64QAM	1	12	18.87	18.90	18.77	19.9	0
5	64QAM	1	24	18.47	18.55	18.65		
5	64QAM	12	0	18.49	18.61	18.47		
5	64QAM	12	7	18.80	18.86	18.76	19.9	0
5	64QAM	12	13	18.48	18.70	18.62		
5	64QAM	25	0	18.38	18.56	18.52		
5	256QAM	1	0	17.89	18.07	17.97		
5	256QAM	1	12	17.87	17.98	17.89	19	0.9
5	256QAM	1	24	17.86	17.94	17.90		
5	256QAM	12	0	17.89	17.92	17.91		
5	256QAM	12	7	17.87	17.95	17.83	19	0.9
5	256QAM	12	13	17.86	17.86	17.78		
5	256QAM	25	0	17.96	17.99	17.86		
3	Channel			131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1745	1778.5		
3	QPSK	1	0	18.84	19.05	18.86		
3	QPSK	1	8	18.68	18.76	18.61	19.9	0
3	QPSK	1	14	18.62	18.61	18.61		
3	QPSK	8	0	18.69	18.84	18.86		
3	QPSK	8	4	18.59	18.73	18.55	19.9	0
3	QPSK	8	7	18.48	18.57	18.51		
3	QPSK	15	0	18.75	18.98	18.71		
3	16QAM	1	0	18.44	18.67	18.52		
3	16QAM	1	8	18.45	18.50	18.55	19.9	0
3	16QAM	1	14	18.74	18.84	18.71		
3	16QAM	8	0	18.57	18.70	18.59		
3	16QAM	8	4	18.54	18.55	18.45	19.9	0
3	16QAM	8	7	18.74	18.88	18.74		
3	16QAM	15	0	18.50	18.79	18.56		
3	64QAM	1	0	18.57	18.65	18.55		
3	64QAM	1	8	18.79	18.91	18.64	19.9	0
3	64QAM	1	14	18.58	18.64	18.67		
3	64QAM	8	0	18.44	18.63	18.46		
3	64QAM	8	4	18.80	18.89	18.75	19.9	0
3	64QAM	8	7	18.49	18.61	18.56		
3	64QAM	15	0	18.40	18.64	18.55		
3	256QAM	1	0	17.95	18.02	17.98		
3	256QAM	1	8	17.93	17.96	17.97	19	0.9
3	256QAM	1	14	17.86	17.92	17.90		
3	256QAM	8	0	17.83	17.97	17.85		
3	256QAM	8	4	17.84	17.88	17.77	19	0.9
3	256QAM	8	7	17.76	17.81	17.85		
3	256QAM	15	0	17.88	17.92	17.83		
1.4	Channel			131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1745	1779.3		
1.4	QPSK	1	0	18.81	18.99	18.79		
1.4	QPSK	1	3	18.70	18.78	18.72		
1.4	QPSK	1	5	18.50	18.72	18.65	19.9	0
1.4	QPSK	3	0	18.73	18.77	18.74		
1.4	QPSK	3	1	18.56	18.59	18.44		
1.4	QPSK	3	3	18.59	18.52	18.60		
1.4	QPSK	6	0	18.82	18.84	18.68	19.9	0
1.4	16QAM	1	0	18.57	18.58	18.48		
1.4	16QAM	1	3	18.48	18.43	18.45		
1.4	16QAM	1	5	18.69	18.89	18.73	19.9	0
1.4	16QAM	3	0	18.61	18.75	18.62		
1.4	16QAM	3	1	18.55	18.46	18.60		
1.4	16QAM	3	3	18.74	18.86	18.82		
1.4	16QAM	6	0	18.52	18.76	18.64	19.9	0
1.4	64QAM	1	0	18.46	18.61	18.51		
1.4	64QAM	1	3	18.88	18.93	18.88		
1.4	64QAM	1	5	18.48	18.69	18.68	19.9	0
1.4	64QAM	3	0	18.46	18.59	18.38		
1.4	64QAM	3	1	18.72	18.81	18.80		
1.4	64QAM	3	3	18.56	18.64	18.61		
1.4	64QAM	6	0	18.39	18.69	18.49	19.9	0
1.4	256QAM	1	0	17.95	18.07	17.97		
1.4	256QAM	1	3	17.90	18.00	17.90		
1.4	256QAM	1	5	17.92	17.97	17.88	19	0.9
1.4	256QAM	3	0	17.88	17.97	17.88		
1.4	256QAM	3	1	17.89	17.94	17.77		
1.4	256QAM	3	3	17.77	17.88	17.85		
1.4	256QAM	6	0	17.93	17.99	17.89	19	0.9

Band 38 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.44	19.49	19.34	20.2	0
20	QPSK	1	49	19.30	19.49	19.25		
20	QPSK	1	99	19.27	19.44	19.34		
20	QPSK	50	0	19.39	19.48	19.26		
20	QPSK	50	24	19.35	19.25	19.22		
20	QPSK	50	50	19.26	19.31	19.34		
20	QPSK	100	0	19.33	19.46	19.19		
20	16QAM	1	0	19.30	19.31	19.18		
20	16QAM	1	49	19.27	19.30	19.28		
20	16QAM	1	99	19.38	19.33	19.12		
20	16QAM	50	0	19.35	19.26	19.13		
20	16QAM	50	24	19.15	19.25	19.22		
20	16QAM	50	50	19.36	19.34	19.17		
20	16QAM	100	0	19.25	19.35	19.29		
20	64QAM	1	0	19.24	19.29	19.29		
20	64QAM	1	49	19.33	19.41	19.28		
20	64QAM	1	99	19.19	19.29	19.08		
20	64QAM	50	0	19.24	19.21	19.39		
20	64QAM	50	24	19.29	19.50	19.28		
20	64QAM	50	50	19.18	19.24	19.33		
20	64QAM	100	0	19.31	19.33	19.26		
20	256QAM	1	0	18.33	18.41	18.30		
20	256QAM	1	49	18.21	18.36	18.25	19	1.2
20	256QAM	1	99	18.25	18.29	18.21		
20	256QAM	50	0	18.19	18.32	18.19		
20	256QAM	50	24	18.18	18.27	18.18	19	1.2
20	256QAM	50	50	18.11	18.20	18.05		
20	256QAM	100	0	18.23	18.26	18.16		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.35	19.44	19.19	20.2	0
15	QPSK	1	37	19.27	19.46	19.16		
15	QPSK	1	74	19.12	19.32	19.26		
15	QPSK	36	0	19.22	19.33	19.21		
15	QPSK	36	20	19.33	19.10	19.17		
15	QPSK	36	39	19.15	19.18	19.30		
15	QPSK	75	0	19.19	19.41	19.17		
15	16QAM	1	0	19.13	19.24	19.07		
15	16QAM	1	37	19.19	19.20	19.17		
15	16QAM	1	74	19.32	19.20	19.02		
15	16QAM	36	0	19.22	19.17	18.98		
15	16QAM	36	20	19.00	19.09	19.16		
15	16QAM	36	39	19.18	19.21	19.15		
15	16QAM	75	0	19.12	19.18	19.20		
15	64QAM	1	0	19.18	19.17	19.20		
15	64QAM	1	37	19.19	19.26	19.17		
15	64QAM	1	74	19.02	19.20	18.93		
15	64QAM	36	0	19.07	19.16	19.25		
15	64QAM	36	20	19.14	19.41	19.12		
15	64QAM	36	39	19.08	19.12	19.25		
15	64QAM	75	0	19.18	19.27	19.16		
15	256QAM	1	0	18.22	18.37	18.18		
15	256QAM	1	37	18.14	18.23	18.14	19	1.2
15	256QAM	1	74	18.15	18.24	18.08		
15	256QAM	36	0	18.08	18.24	18.08		
15	256QAM	36	20	18.12	18.14	18.14	19	1.2
15	256QAM	36	39	18.07	18.14	17.93		
15	256QAM	75	0	18.15	18.21	18.06		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.31	19.43	19.21	20.2	0
10	QPSK	1	25	19.22	19.35	19.21		
10	QPSK	1	49	19.23	19.39	19.26		
10	QPSK	25	0	19.24	19.33	19.21		
10	QPSK	25	12	19.28	19.08	19.11		
10	QPSK	25	25	19.14	19.14	19.17		
10	QPSK	50	0	19.24	19.39	19.12		
10	16QAM	1	0	19.23	19.15	19.15		
10	16QAM	1	25	19.12	19.28	19.14		
10	16QAM	1	49	19.30	19.24	18.99		
10	16QAM	25	0	19.31	19.15	19.04		
10	16QAM	25	12	19.00	19.22	19.06		
10	16QAM	25	25	19.28	19.21	19.13		
10	16QAM	50	0	19.21	19.21	19.26		
10	64QAM	1	0	19.14	19.18	19.15		
10	64QAM	1	25	19.20	19.37	19.11		
10	64QAM	1	49	19.15	19.17	18.92		
10	64QAM	25	0	19.18	19.16	19.30		
10	64QAM	25	12	19.18	19.35	19.14		
10	64QAM	25	25	19.09	19.14	19.28		
10	64QAM	50	0	19.22	19.30	19.10		
10	256QAM	1	0	18.27	18.35	18.19		
10	256QAM	1	25	18.11	18.22	18.22	19	1.2
10	256QAM	1	49	18.18	18.25	18.07		
10	256QAM	25	0	18.04	18.20	18.16		
10	256QAM	25	12	18.07	18.21	18.09	19	1.2
10	256QAM	25	25	18.05	18.16	17.96		
10	256QAM	50	0	18.18	18.15	18.08		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.34	19.42	19.31	20.2	0
5	QPSK	1	12	19.25	19.35	19.23		
5	QPSK	1	24	19.23	19.41	19.21		
5	QPSK	12	0	19.25	19.34	19.23		
5	QPSK	12	7	19.24	19.11	19.08		
5	QPSK	12	13	19.19	19.19	19.21		
5	QPSK	25	0	19.23	19.42	19.15		
5	16QAM	1	0	19.15	19.15	19.14		
5	16QAM	1	12	19.09	19.13	19.20	20.2	0
5	16QAM	1	24	19.33	19.16	19.10		
5	16QAM	12	0	19.24	19.24	19.05		
5	16QAM	12	7	19.07	19.16	19.11		
5	16QAM	12	13	19.32	19.27	18.99		
5	16QAM	25	0	19.14	19.32	19.23		
5	64QAM	1	0	19.16	19.15	19.13		
5	64QAM	1	12	19.16	19.38	19.26	20.2	0
5	64QAM	1	24	19.16	19.21	19.00		
5	64QAM	12	0	19.16	19.04	19.23		
5	64QAM	12	7	19.26	19.32	19.21	20.2	0
5	64QAM	12	13	19.15	19.10	19.21		
5	64QAM	25	0	19.25	19.25	19.16		
5	256QAM	1	0	18.18	18.35	18.25		
5	256QAM	1	12	18.14	18.31	18.17	19	1.2
5	256QAM	1	24	18.13	18.18	18.10		
5	256QAM	12	0	18.09	18.26	18.12		
5	256QAM	12	7	18.09	18.21	18.14	19	1.2
5	256QAM	12	13	18.07	18.15	17.99		
5	256QAM	25	0	18.14	18.17	18.05		

Band 41 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.57	19.55	19.61	19.46	19.41	20.2	0
20	QPSK	1	49	19.34	19.46	19.54	19.38	19.34		
20	QPSK	1	99	19.30	19.44	19.51	19.49	19.32		
20	QPSK	50	0	19.41	19.45	19.58	19.38	19.38		
20	QPSK	50	24	19.20	19.39	19.40	19.34	19.21		
20	QPSK	50	50	19.19	19.39	19.40	19.45	19.17		
20	QPSK	100	0	19.41	19.42	19.55	19.29	19.24		
20	16QAM	1	0	19.25	19.43	19.45	19.30	19.23		
20	16QAM	1	49	19.14	19.29	19.48	19.46	19.17		
20	16QAM	1	99	19.39	19.44	19.44	19.30	19.26		
20	16QAM	50	0	19.18	19.37	19.42	19.27	19.25		
20	16QAM	50	24	19.22	19.27	19.34	19.34	19.16		
20	16QAM	50	50	19.54	19.49	19.48	19.31	19.31		
20	16QAM	100	0	19.24	19.41	19.45	19.36	19.20		
20	64QAM	1	0	19.24	19.27	19.36	19.37	19.18		
20	64QAM	1	49	19.50	19.49	19.53	19.43	19.33		
20	64QAM	1	99	19.20	19.37	19.37	19.24	19.24		
20	64QAM	50	0	19.19	19.34	19.36	19.44	19.25		
20	64QAM	50	24	19.51	19.41	19.57	19.32	19.31		
20	64QAM	50	50	19.22	19.28	19.42	19.36	19.26		
20	64QAM	100	0	19.18	19.41	19.45	19.42	19.21		
20	256QAM	1	0	18.74	18.86	18.91	18.76	18.73		
20	256QAM	1	49	18.75	18.74	18.86	18.77	18.68	19	1.2
20	256QAM	1	99	18.66	18.67	18.79	18.59	18.59		
20	256QAM	50	0	18.64	18.71	18.81	18.64	18.57		
20	256QAM	50	24	18.57	18.72	18.76	18.58	18.54	19	1.2
20	256QAM	50	50	18.51	18.64	18.69	18.57	18.50		
20	256QAM	100	0	18.64	18.69	18.77	18.61	18.62		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.41	19.48	19.55	19.31	19.28	20.20	0
15	QPSK	1	37	19.28	19.30	19.47	19.34	19.16		
15	QPSK	1	74	19.17	19.39	19.45	19.33	19.15		
15	QPSK	36	0	19.25	19.32	19.51	19.32	19.27	20.2	0
15	QPSK	36	20	19.14	19.35	19.35	19.29	19.05		
15	QPSK	36	39	19.14	19.25	19.34	19.39	19.08		
15	QPSK	75	0	19.37	19.24	19.48	19.27	19.08		
15	16QAM	1	0	19.16	19.38	19.34	19.15	19.15	20.2	0
15	16QAM	1	37	18.97	19.22	19.45	19.33	19.15		
15	16QAM	1	74	19.35	19.33	19.29	19.22	19.10		
15	16QAM	36	0	19.12	19.33	19.28	19.18	19.10	20.2	0
15	16QAM	36	20	19.10	19.09	19.24	19.28	19.02		
15	16QAM	36	39	19.42	19.37	19.34	19.27	19.24		
15	16QAM	75	0	19.15	19.39	19.41	19.21	19.18		
15	64QAM	1	0	19.15	19.20	19.23	19.29	19.14	20.2	0
15	64QAM	1	37	19.39	19.47	19.42	19.29	19.29		
15	64QAM	1	74	19.08	19.30	19.34	19.15	19.19		
15	64QAM	36	0	19.06	19.26	19.27	19.35	19.17	20.2	0
15	64QAM	36	20	19.34	19.33	19.40	19.28	19.16		
15	64QAM	36	39	19.16	19.23	19.39	19.32	19.24		
15	64QAM	75	0	19.12	19.23	19.40	19.26	19.13		
15	256QAM	1	0	18.63	18.77	18.76	18.62	18.63	19	1.2
15	256QAM	1	37	18.72	18.69	18.81	18.65	18.61		
15	256QAM	1	74	18.60	18.64	18.69	18.52	18.56		
15	256QAM	36	0	18.52	18.59	18.68	18.56	18.47	19	1.2
15	256QAM	36	20	18.46	18.64	18.64	18.53	18.43		
15	256QAM	36	39	18.39	18.51	18.54	18.64	18.46		
15	256QAM	75	0	18.52	18.56	18.64	18.57	18.50		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.53	19.39	19.43	19.41	19.26	20.20	0
10	QPSK	1	25	19.26	19.30	19.38	19.24	19.26		
10	QPSK	1	49	19.17	19.41	19.43	19.37	19.16		
10	QPSK	25	0	19.39	19.36	19.44	19.27	19.26	20.2	0
10	QPSK	25	12	19.08	19.41	19.36	19.16	19.08		
10	QPSK	25	25	19.15	19.30	19.22	19.37	19.11		
10	QPSK	50	0	19.38	19.38	19.43	19.17	19.16		
10	16QAM	1	0	19.19	19.31	19.42	19.28	19.09	20.2	0
10	16QAM	1	25	19.03	19.22	19.41	19.40	19.02		
10	16QAM	1	49	19.26	19.38	19.39	19.19	19.10		
10	16QAM	25	0	19.14	19.23	19.38	19.16	19.12	20.2	0
10	16QAM	25	12	19.15	19.23	19.18	19.26	19.04		
10	16QAM	25	25	19.46	19.37	19.31	19.27	19.16		
10	16QAM	50	0	19.12	19.38	19.38	19.23	19.07		
10	64QAM	1	0	19.06	19.15	19.24	19.28	19.07	20.2	0
10	64QAM	1	25	19.43	19.36	19.47	19.33	19.18		
10	64QAM	1	49	19.17	19.31	19.23	19.21	19.17		
10	64QAM	25	0	19.14	19.20	19.24	19.28	19.07	20.2	0
10	64QAM	25	12	19.47	19.28	19.49	19.19	19.20		
10	64QAM	25	25	19.15	19.21	19.25	19.32	19.10		
10	64QAM	50	0	19.05	19.30	19.31	19.27	19.13		
10	256QAM	1	0	18.59	18.74	18.79	18.72	18.69	19	1.2
10	256QAM	1	25	18.68	18.67	18.82	18.64	18.60		
10	256QAM	1	49	18.53	18.60	18.72	18.52	18.46		
10	256QAM	25	0	18.55	18.60	18.68	18.61	18.46	19	1.2
10	256QAM	25	12	18.45	18.68	18.67	18.53	18.50		
10	256QAM	25	25	18.48	18.59	18.65	18.53	18.40		
10	256QAM	50	0	18.58	18.61	18.72	18.55	18.47		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.43	19.40	19.52	19.30	19.24	20.20	0
5	QPSK	1	12	19.27	19.29	19.46	19.23	19.18		
5	QPSK	1	24	19.21	19.33	19.37	19.44	19.28		
5	QPSK	12	0	19.35	19.29	19.51	19.23	19.32	20.2	0
5	QPSK	12	7	19.03	19.32	19.22	19.26	19.11		
5	QPSK	12	13	19.03	19.35	19.38	19.34	19.06		
5	QPSK	25	0	19.33	19.36	19.50	19.15	19.08		
5	16QAM	1	0	19.20	19.31	19.31	19.21	19.14	20.2	0
5	16QAM	1	12	19.01	19.18	19.38	19.35	19.05		
5	16QAM	1	24	19.34	19.30	19.34	19.21	19.20		
5	16QAM	12	0	19.08	19.25	19.38	19.24	19.19	20.2	0
5	16QAM	12	7	19.09	19.13	19.29	19.19	18.99		
5	16QAM	12	13	19.40	19.38	19.45	19.25	19.22		
5	16QAM	25	0	19.14	19.28	19.41	19.24	19.16		
5	64QAM	1	0	19.09	19.22	19.30	19.31	19.02	20.2	0
5	64QAM	1	12	19.40	19.43	19.46	19.31	19.19		
5	64QAM	1	24	19.17	19.27	19.31	19.21	19.10		
5	64QAM	12	0	19.05	19.30	19.28	19.36	19.17	20.2	0
5	64QAM	12	7	19.41	19.35	19.39	19.28	19.26		
5	64QAM	12	13	19.18	19.12	19.37	19.24	19.09		
5	64QAM	25	0	19.04	19.27	19.33	19.32	19.15		
5	256QAM	1	0	18.70	18.78	18.81	18.73	18.63	19	1.2
5	256QAM	1	12	18.69	18.71	18.81	18.73	18.61		
5	256QAM	1	24	18.62	18.54	18.68	18.46	18.46		
5	256QAM	12	0	18.60	18.65	18.68	18.52	18.54	19	1.2
5	256QAM	12	7	18.43	18.62	18.63	18.51	18.43		
5	256QAM	12	13	18.45	18.52	18.63	18.48	18.44		
5	256QAM	25	0	18.57	18.66	18.64	18.56	18.52		

Band 41 HPUE Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.19	21.22	21.29	21.25	21.20	21.8	0
20	QPSK	1	49	21.13	21.18	21.24	21.23	21.15		
20	QPSK	1	99	21.12	21.15	21.26	21.13	21.08		
20	QPSK	50	0	21.06	21.18	21.27	21.23	21.12		
20	QPSK	50	24	20.98	21.07	21.18	21.08	21.03		
20	QPSK	50	50	21.03	21.05	21.25	20.98	21.06		
20	QPSK	100	0	21.14	21.06	21.19	21.15	21.11		
20	16QAM	1	0	21.05	20.92	21.14	20.97	21.03		
20	16QAM	1	49	20.99	21.06	21.00	20.99	20.85		
20	16QAM	1	99	20.89	20.95	21.00	21.07	20.85		
20	16QAM	50	0	20.95	21.03	21.15	21.07	20.94		
20	16QAM	50	24	20.83	20.92	20.95	20.96	20.77		
20	16QAM	50	50	20.79	20.78	21.04	20.79	20.89		
20	16QAM	100	0	20.89	20.83	20.93	20.96	20.98		
20	64QAM	1	0	20.88	21.02	21.06	21.13	21.01		
20	64QAM	1	49	20.97	21.09	21.18	21.04	20.93		
20	64QAM	1	99	20.94	21.03	21.13	20.93	20.91		
20	64QAM	50	0	20.93	21.11	21.05	21.02	20.89		
20	64QAM	50	24	20.76	20.95	21.00	20.92	20.83		
20	64QAM	50	50	20.82	20.75	20.91	20.78	21.03		
20	64QAM	100	0	20.91	20.96	20.91	20.81	20.98		
20	256QAM	1	0	21.05	21.01	21.11	21.05	21.02		
20	256QAM	1	49	20.95	21.07	21.07	21.05	20.93		
20	256QAM	1	99	20.99	21.03	21.10	20.90	20.86		
20	256QAM	50	0	20.89	20.98	21.12	21.04	20.97		
20	256QAM	50	24	20.86	20.98	21.08	20.93	20.85		
20	256QAM	50	50	20.80	20.82	21.10	20.82	20.96		
20	256QAM	100	0	20.94	20.98	20.98	21.05	20.89		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.11	21.08	21.19	21.20	21.06	22	0
15	QPSK	1	37	21.02	21.05	21.15	21.12	21.08		
15	QPSK	1	74	21.08	21.01	21.21	20.98	21.07		
15	QPSK	36	0	21.05	21.15	21.11	21.11	21.02	21.8	0
15	QPSK	36	20	20.85	21.01	21.16	20.97	20.99		
15	QPSK	36	39	21.03	20.97	21.11	20.96	20.90		
15	QPSK	75	0	21.00	20.92	21.11	21.12	21.10		
15	16QAM	1	0	21.02	20.83	21.13	20.88	20.91	21.8	0
15	16QAM	1	37	20.98	20.93	21.00	20.96	20.84		
15	16QAM	1	74	20.76	20.84	20.85	21.04	20.82		
15	16QAM	36	0	20.95	21.01	21.06	20.98	20.80	21.8	0
15	16QAM	36	20	20.80	20.91	20.84	20.87	20.72		
15	16QAM	36	39	20.74	20.71	20.91	20.66	20.86		
15	16QAM	75	0	20.88	20.69	20.90	20.88	20.97		
15	64QAM	1	0	20.86	20.92	21.01	20.97	20.99	21.8	0
15	64QAM	1	37	20.87	20.95	21.05	20.94	20.80		
15	64QAM	1	74	20.86	20.95	21.09	20.84	20.90		
15	64QAM	36	0	20.79	20.98	20.89	20.87	20.83	21.8	0
15	64QAM	36	20	20.76	20.91	20.98	20.89	20.79		
15	64QAM	36	39	20.74	20.69	20.78	20.65	20.89		
15	64QAM	75	0	20.86	20.90	20.84	20.71	20.85		
15	256QAM	1	0	20.94	20.94	21.10	20.91	20.91	21.8	0
15	256QAM	1	37	20.93	21.05	20.99	20.99	20.91		
15	256QAM	1	74	20.84	20.88	20.97	20.86	20.72		
15	256QAM	36	0	20.86	20.88	21.00	20.97	20.94	21.8	0
15	256QAM	36	20	20.81	20.87	20.97	20.87	20.76		
15	256QAM	36	39	20.80	20.70	20.95	20.82	20.86		
15	256QAM	75	0	20.79	20.82	20.85	20.95	20.87		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.05	21.18	21.23	21.18	21.12	22	0
10	QPSK	1	25	21.06	21.14	21.13	21.13	21.10		
10	QPSK	1	49	21.11	21.06	21.19	21.13	20.96		
10	QPSK	25	0	20.91	21.16	21.26	21.13	21.02	21.8	0
10	QPSK	25	12	20.96	21.06	21.04	21.03	20.89		
10	QPSK	25	25	21.01	20.90	21.09	20.83	21.03		
10	QPSK	50	0	21.04	20.93	21.15	21.07	21.10		
10	16QAM	1	0	20.99	20.92	21.07	20.95	20.97	21.8	0
10	16QAM	1	25	20.96	21.00	20.86	20.97	20.83		
10	16QAM	1	49	20.88	20.82	20.85	20.98	20.77		
10	16QAM	25	0	20.80	20.92	21.04	20.92	20.86	21.8	0
10	16QAM	25	12	20.73	20.90	20.94	20.93	20.62		
10	16QAM	25	25	20.74	20.65	20.99	20.69	20.77		
10	16QAM	50	0	20.89	20.70	20.91	20.86	20.90		
10	64QAM	1	0	20.75	20.99	20.98	21.05	20.87	21.8	0
10	64QAM	1	25	20.95	20.96	21.07	20.89	20.80		
10	64QAM	1	49	20.86	20.88	21.11	20.87	20.89		
10	64QAM	25	0	20.81	21.05	20.93	20.93	20.79	21.8	0
10	64QAM	25	12	20.76	20.86	20.98	20.88	20.72	

Band 42 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.32	17.47	17.46	18.8	0
20	QPSK	1	49	17.33	17.24	17.36		
20	QPSK	1	99	17.11	17.33	17.37		
20	QPSK	50	0	17.11	17.43	17.31	18.8	0
20	QPSK	50	24	17.19	17.12	17.24		
20	QPSK	50	50	16.98	17.23	17.10		
20	QPSK	100	0	17.11	17.32	17.27		
20	16QAM	1	0	17.22	17.10	17.32	18.8	0
20	16QAM	1	49	17.05	17.15	17.18		
20	16QAM	1	99	17.23	17.30	17.18		
20	16QAM	50	0	17.33	17.21	17.24	18.8	0
20	16QAM	50	24	17.03	17.15	17.13		
20	16QAM	50	50	17.06	17.24	17.42		
20	16QAM	100	0	17.25	17.22	17.37		
20	64QAM	1	0	17.08	17.22	17.36	18.8	0
20	64QAM	1	49	17.27	17.44	17.15		
20	64QAM	1	99	17.18	17.23	17.14		
20	64QAM	50	0	17.07	17.14	17.14	18.8	0
20	64QAM	50	24	17.15	17.26	17.27		
20	64QAM	50	50	17.27	17.15	17.36		
20	64QAM	100	0	17.08	17.28	17.26		
20	256QAM	1	0	17.17	17.39	17.30	18.8	0
20	256QAM	1	49	17.26	17.33	17.24		
20	256QAM	1	99	17.10	17.21	17.22		
20	256QAM	50	0	17.25	17.29	17.31	18.8	0
20	256QAM	50	24	17.17	17.37	17.31		
20	256QAM	50	50	17.14	17.16	17.21		
20	256QAM	100	0	17.02	17.22	17.20		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.18	17.33	17.24	18.8	0
15	QPSK	1	37	17.20	17.18	17.29		
15	QPSK	1	74	17.05	17.22	17.31		
15	QPSK	36	0	17.01	17.40	17.27	18.8	0
15	QPSK	36	20	17.03	17.01	17.20		
15	QPSK	36	39	16.96	17.14	17.08		
15	QPSK	75	0	17.06	17.23	17.15		
15	16QAM	1	0	17.13	16.97	17.26	18.8	0
15	16QAM	1	37	17.02	17.12	17.16		
15	16QAM	1	74	17.13	17.29	17.06		
15	16QAM	36	0	17.30	17.11	17.07	18.8	0
15	16QAM	36	20	16.89	17.07	16.97		
15	16QAM	36	39	16.93	17.22	17.27		
15	16QAM	75	0	17.12	17.16	17.26		
15	64QAM	1	0	16.94	17.09	17.19	18.8	0
15	64QAM	1	37	17.22	17.29	17.12		
15	64QAM	1	74	17.17	17.14	17.11		
15	64QAM	36	0	16.94	17.12	17.08	18.8	0
15	64QAM	36	20	17.09	17.12	17.16		
15	64QAM	36	39	17.19	17.03	17.31		
15	64QAM	75	0	17.01	17.13	17.23		
15	256QAM	1	0	17.15	17.28	17.25	18.8	0
15	256QAM	1	37	17.20	17.24	17.16		
15	256QAM	1	74	17.09	17.11	17.18		
15	256QAM	36	0	17.19	17.20	17.15	18.8	0
15	256QAM	36	20	17.00	17.26	17.14		
15	256QAM	36	39	16.99	17.00	17.17		
15	256QAM	75	0	17.00	17.21	17.09		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.19	17.42	17.31	18.8	0
10	QPSK	1	25	17.29	17.16	17.21		
10	QPSK	1	49	17.01	17.23	17.33		
10	QPSK	25	0	17.04	17.26	17.15	18.8	0
10	QPSK	25	12	17.17	17.06	17.18		
10	QPSK	25	25	16.83	17.09	16.94		
10	QPSK	50	0	17.01	17.19	17.10	18.8	0
10	16QAM	1	0	17.20	17.04	17.20		
10	16QAM	1	25	16.91	17.04	17.15		
10	16QAM	1	49	17.15	17.21	17.08		
10	16QAM	25	0	17.25	17.06	17.14	18.8	0
10	16QAM	25	12	16.98	17.11	17.10		
10	16QAM	25	25	17.03	17.16	17.38		
10	16QAM	50	0	17.15	17.12	17.27	18.8	0
10	64QAM	1	0	17.00	17.07	17.26		
10	64QAM	1	25	17.16	17.32	17.03		
10	64QAM	1	49	17.03	17.21	16.98		
10	64QAM	25	0	16.99	17.07	17.10	18.8	0
10	64QAM	25	12	17.11	17.11	17.19		
10	64QAM	25	25	17.12	17.13	17.34		
10	64QAM	50	0	16.98	17.25	17.20	18.8	0
10	256QAM	1	0	17.01	17.32	17.27		
10	256QAM	1	25	17.18	17.28	17.11		
10	256QAM	1	49	17.09	17.19	17.14		
10	256QAM	25	0	17.19	17.14	17.29	18.8	0
10	256QAM	25	12	17.11	17.27	17.17		
10	256QAM	25	25	16.98	17.01	17.20		
10	256QAM	50	0	16.86	17.09	17.05	18.8	0
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.21	17.38	17.32	18.8	0
5	QPSK	1	12	17.22	17.23	17.29		
5	QPSK	1	24	16.99	17.18	17.35		
5	QPSK	12	0	17.05	17.29	17.19	18.8	0
5	QPSK	12	7	17.08	17.04	17.11		
5	QPSK	12	13	16.90	17.16	16.97		
5	QPSK	25	0	17.03	17.23	17.11	18.8	0
5	16QAM	1	0	17.09	17.05	17.20		
5	16QAM	1	12	16.92	17.04	17.02		
5	16QAM	1	24	17.22	17.26	17.12	18.8	0
5	16QAM	12	0	17.29	17.16	17.18		
5	16QAM	12	7	16.87	17.12	17.11		
5	16QAM	12	13	16.98	17.10	17.36		
5	16QAM	25	0	17.11	17.21	17.24	18.8	0
5	64QAM	1	0	17.06	17.21	17.33		
5	64QAM	1	12	17.26	17.28	17.11		
5	64QAM	1	24	17.02	17.18	17.03		
5	64QAM	12	0	16.93	17.12	17.08	18.8	0
5	64QAM	12	7	17.12	17.21	17.10		
5	64QAM	12	13	17.26	17.01	17.26		
5	64QAM	25	0	17.00	17.18	17.20	18.8	0
5	256QAM	1	0	17.07	17.25	17.16		
5	256QAM	1	12	17.11	17.31	17.22		
5	256QAM	1	24	17.04	17.07	17.09	18.8	0
5	256QAM	12	0	17.16	17.15	17.15		
5	256QAM	12	7	17.03	17.22	17.17		
5	256QAM	12	13	17.10	17.11	17.10		
5	256QAM	25	0	16.92	17.12	17.07		

Band 42 Part 96 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	17.19	17.45	17.32	18.8	0
20	QPSK	1	49	17.20	17.13	17.21		
20	QPSK	1	99	17.00	17.26	17.28		
20	QPSK	50	0	17.00	17.37	17.23	18.8	0
20	QPSK	50	24	17.04	16.98	17.14		
20	QPSK	50	50	16.90	17.20	16.95		
20	QPSK	100	0	16.95	17.19	17.16		
20	16QAM	1	0	17.09	17.02	17.25	18.8	0
20	16QAM	1	49	16.92	17.01	17.16		
20	16QAM	1	99	17.17	17.17	17.08		
20	16QAM	50	0	17.26	17.08	17.20	18.8	0
20	16QAM	50	24	16.99	16.99	17.05		
20	16QAM	50	50	16.96	17.19	17.33		
20	16QAM	100	0	17.24	17.07	17.25		
20	64QAM	1	0	16.92	17.17	17.21	18.8	0
20	64QAM	1	49	17.12	17.35	17.12		
20	64QAM	1	99	17.07	17.08	17.05		
20	64QAM	50	0	17.03	17.04	16.97	18.8	0
20	64QAM	50	24	17.06	17.21	17.21		
20	64QAM	50	50	17.13	17.02	17.31		
20	64QAM	100	0	17.04	17.22	17.16		
20	256QAM	1	0	17.08	17.30	17.27	18.8	0
20	256QAM	1	49	17.11	17.27	17.12		
20	256QAM	1	99	16.99	17.16	17.12		
20	256QAM	50	0	17.19	17.26	17.14	18.8	0
20	256QAM	50	24	17.02	17.27	17.28		
20	256QAM	50	50	17.11	17.14	17.06		
20	256QAM	100	0	16.86	17.19	17.07		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	17.09	17.40	17.17	18.8	0
15	QPSK	1	37	17.10	17.10	17.17		
15	QPSK	1	74	16.96	17.24	17.24		
15	QPSK	36	0	16.98	17.20	17.18	18.8	0
15	QPSK	36	20	17.01	16.94	17.04		
15	QPSK	36	39	16.87	17.14	16.84		
15	QPSK	75	0	16.81	17.10	17.13		
15	16QAM	1	0	16.97	16.90	17.22	18.8	0
15	16QAM	1	37	16.91	16.98	17.12		
15	16QAM	1	74	17.08	17.04	16.91		
15	16QAM	36	0	17.10	17.00	17.11	18.8	0
15	16QAM	36	20	16.93	16.88	16.97		
15	16QAM	36	39	16.90	17.06	17.31		
15	16QAM	75	0	17.10	17.06	17.21		
15	64QAM	1	0	17.12	17.07	17.15	18.8	0
15	64QAM	1	37	17.04	17.31	17.06		
15	64QAM	1	74	16.94	17.06	16.95		
15	64QAM	36	0	16.88	16.89	16.83	18.8	0
15	64QAM	36	20	16.92	17.09	17.06		
15	64QAM	36	39	17.00	16.87	17.19		
15	64QAM	75	0	17.01	17.15	17.05		
15	256QAM	1	0	17.02	17.18	17.17	18.8	0
15	256QAM	1	37	16.96	17.19	17.11		
15	256QAM	1	74	16.87	17.07	17.11		
15	256QAM	36	0	17.11	17.14	17.11	18.8	0
15	256QAM	36	20	16.99	17.17	17.20		
15	256QAM	36	39	17.08	17.11	17.04		
15	256QAM	75	0	17.13	17.03	17.02		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	17.14	17.41	17.25	18.8	0
10	QPSK	1	25	17.12	17.11	17.14		
10	QPSK	1	49	16.96	17.12	17.19		
10	QPSK	25	0	16.90	17.23	17.21	18.8	0
10	QPSK	25	12	16.89	16.93	17.03		
10	QPSK	25	25	16.88	17.15	16.84		
10	QPSK	50	0	16.84	17.13	17.13	18.8	0
10	16QAM	1	0	17.00	16.98	17.22		
10	16QAM	1	25	16.82	16.91	17.09		
10	16QAM	1	49	17.16	17.08	17.03		
10	16QAM	25	0	17.20	16.95	17.13	18.8	0
10	16QAM	25	12	16.90	16.87	16.90		
10	16QAM	25	25	16.86	17.12	17.32		
10	16QAM	50	0	17.22	16.98	17.23	18.8	0
10	64QAM	1	0	16.83	17.06	17.09		
10	64QAM	1	25	16.96	17.25	16.97		
10	64QAM	1	49	17.00	16.93	16.90		
10	64QAM	25	0	17.01	16.90	16.84	18.8	0
10	64QAM	25	12	17.04	17.17	17.06		
10	64QAM	25	25	16.96	16.97	17.26		
10	64QAM	50	0	16.96	17.14	17.06	18.8	0
10	256QAM	1	0	17.02	17.16	17.17		
10	256QAM	1	25	16.98	17.22	16.99		
10	256QAM	1	49	16.89	17.05	17.04		
10	256QAM	25	0	17.08	17.13	16.98	18.8	0
10	256QAM	25	12	16.94	17.10	17.20		
10	256QAM	25	25	17.05	17.08	16.95		
10	256QAM	50	0	16.82	17.17	16.98	18.8	0
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	17.11	17.40	17.19	18.8	0
5	QPSK	1	12	17.05	17.05	17.05		
5	QPSK	1	24	16.97	17.12	17.23		
5	QPSK	12	0	16.94	17.30	17.09	18.8	0
5	QPSK	12	7	17.02	16.92	17.03		
5	QPSK	12	13	16.85	17.04	16.89		
5	QPSK	25	0	16.82	17.06	17.03	18.8	0
5	16QAM	1	0	16.95	17.01	17.23		
5	16QAM	1	12	16.98	16.85	17.05		
5	16QAM	1	24	17.14	17.15	16.92	18.8	0
5	16QAM	12	0	17.21	16.97	17.07		
5	16QAM	12	7	16.96	16.84	16.91		
5	16QAM	12	13	16.84	17.13	17.31		
5	16QAM	25	0	17.17	16.93	17.12	18.8	0
5	64QAM	1	0	16.90	17.00	17.12		
5	64QAM	1	12	16.99	17.28	17.03		
5	64QAM	1	24	16.90	16.97	16.90	18.8	0
5	64QAM	12	0	16.91	17.01	16.81		
5	64QAM	12	7	16.95	17.20	17.15		
5	64QAM	12	13	17.05	16.95	17.24		
5	64QAM	25	0	16.97	17.20	17.13	18.8	0
5	256QAM	1	0	16.95	17.25	17.19		
5	256QAM	1	12	17.08	17.19	16.96		
5	256QAM	1	24	16.96	17.00	17.02		
5	256QAM	12	0	17.08	17.14	17.12	18.8	0
5	256QAM	12	7	16.86	17.17	17.22		
5	256QAM	12	13	17.02	17.06	16.99		
5	256QAM	25	0	16.93	17.17	16.91		

Band 43 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3813	3850	3890		
20	QPSK	1	0	17.33	17.54	17.52	18.9	0
20	QPSK	1	49	17.41	17.48	17.35		
20	QPSK	1	99	17.19	17.43	17.16		
20	QPSK	50	0	17.35	17.45	17.35	18.9	0
20	QPSK	50	24	17.22	17.35	17.28		
20	QPSK	50	50	17.13	17.39	17.18		
20	QPSK	100	0	17.18	17.26	17.20		
20	16QAM	1	0	17.18	17.34	17.40	18.9	0
20	16QAM	1	49	17.24	17.32	17.19		
20	16QAM	1	99	17.24	17.39	17.05		
20	16QAM	50	0	17.34	17.31	17.29	18.9	0
20	16QAM	50	24	17.27	17.27	17.18		
20	16QAM	50	50	17.09	17.20	17.12		
20	16QAM	100	0	17.04	17.25	17.12		
20	64QAM	1	0	17.30	17.38	17.31	18.9	0
20	64QAM	1	49	17.27	17.34	17.11		
20	64QAM	1	99	17.19	17.40	17.09		
20	64QAM	50	0	17.24	17.27	17.34	18.9	0
20	64QAM	50	24	17.19	17.41	17.10		
20	64QAM	50	50	17.03	17.39	17.14		
20	64QAM	100	0	17.19	17.26	17.17		
20	256QAM	1	0	17.33	17.42	17.38	18.9	0
20	256QAM	1	49	17.30	17.38	17.10		
20	256QAM	1	99	17.16	17.38	17.19		
20	256QAM	50	0	17.22	17.32	17.22	18.9	0
20	256QAM	50	24	17.06	17.41	17.18		
20	256QAM	50	50	17.13	17.22	17.23		
20	256QAM	100	0	17.20	17.13	17.27		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3827.5	3850	3892.5		
15	QPSK	1	0	17.25	17.40	17.49	18.9	0
15	QPSK	1	37	17.24	17.40	17.29		
15	QPSK	1	74	17.03	17.36	17.11		
15	QPSK	36	0	17.21	17.33	17.23	18.9	0
15	QPSK	36	20	17.09	17.23	17.23		
15	QPSK	36	39	17.02	17.24	17.03		
15	QPSK	75	0	17.09	17.16	17.03		
15	16QAM	1	0	17.06	17.29	17.32	18.9	0
15	16QAM	1	37	17.18	17.28	17.11		
15	16QAM	1	74	17.20	17.22	16.96		
15	16QAM	36	0	17.32	17.28	17.12	18.9	0
15	16QAM	36	20	17.10	17.21	17.11		
15	16QAM	36	39	16.99	17.11	17.02		
15	16QAM	75	0	16.95	17.22	17.04		
15	64QAM	1	0	17.21	17.34	17.28	18.9	0
15	64QAM	1	37	17.11	17.23	17.01		
15	64QAM	1	74	17.11	17.22	16.96		
15	64QAM	36	0	17.16	17.20	17.27	18.9	0
15	64QAM	36	20	17.02	17.35	17.02		
15	64QAM	36	39	16.93	17.25	17.05		
15	64QAM	75	0	17.07	17.15	17.04		
15	256QAM	1	0	17.28	17.26	17.30	18.9	0
15	256QAM	1	37	17.23	17.26	17.05		
15	256QAM	1	74	17.01	17.22	17.03		
15	256QAM	36	0	17.06	17.15	17.05	18.9	0
15	256QAM	36	20	16.98	17.33	17.14		
15	256QAM	36	39	17.06	17.19	17.09		
15	256QAM	75	0	17.16	17.01	17.20		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3825	3850	3895		
10	QPSK	1	0	17.23	17.39	17.48	18.9	0
10	QPSK	1	25	17.29	17.34	17.32		
10	QPSK	1	49	17.03	17.34	16.99		
10	QPSK	25	0	17.24	17.31	17.22	18.9	0
10	QPSK	25	12	17.09	17.28	17.09		
10	QPSK	25	25	17.10	17.23	17.02		
10	QPSK	50	0	17.15	17.14	17.14	18.9	0
10	16QAM	1	0	17.15	17.32	17.32		
10	16QAM	1	25	17.18	17.15	17.10		
10	16QAM	1	49	17.09	17.25	16.94		
10	16QAM	25	0	17.19	17.23	17.24	18.9	0
10	16QAM	25	12	17.11	17.21	17.14		
10	16QAM	25	25	16.97	17.07	17.04		
10	16QAM	50	0	16.93	17.17	16.95	18.9	0
10	64QAM	1	0	17.15	17.25	17.20		
10	64QAM	1	25	17.09	17.24	17.05		
10	64QAM	1	49	17.09	17.27	16.99		
10	64QAM	25	0	17.10	17.13	17.21	18.9	0
10	64QAM	25	12	17.12	17.35	16.94		
10	64QAM	25	25	16.91	17.27	16.97		
10	64QAM	50	0	17.12	17.16	17.05	18.9	0
10	256QAM	1	0	17.16	17.30	17.34		
10	256QAM	1	25	17.25	17.28	17.06		
10	256QAM	1	49	17.00	17.36	17.11		
10	256QAM	25	0	17.19	17.15	17.11	18.9	0
10	256QAM	25	12	16.99	17.39	17.07		
10	256QAM	25	25	17.10	17.16	17.06		
10	256QAM	50	0	17.09	17.08	17.22	18.9	0
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3802.5	3850	3897.5		
5	QPSK	1	0	17.18	17.38	17.36	18.9	0
5	QPSK	1	12	17.26	17.40	17.17		
5	QPSK	1	24	17.12	17.28	17.08		
5	QPSK	12	0	17.23	17.42	17.20	18.9	0
5	QPSK	12	7	17.07	17.26	17.13		
5	QPSK	12	13	17.00	17.29	17.05		
5	QPSK	25	0	17.05	17.23	17.17	18.9	0
5	16QAM	1	0	17.11	17.20	17.17		
5	16QAM	1	12	17.11	17.15	17.01		
5	16QAM	1	24	17.12	17.36	16.95		
5	16QAM	12	0	17.18	17.16	17.15	18.9	0
5	16QAM	12	7	17.12	17.17	17.08		
5	16QAM	12	13	16.93	17.07	16.98		
5	16QAM	25	0	16.97	17.19	17.02	18.9	0
5	64QAM	1	0	17.17	17.28	17.15		
5	64QAM	1	12	17.16	17.22	17.06		
5	64QAM	1	24	17.01	17.32	16.96		
5	64QAM	12	0	17.11	17.17	17.28	18.9	0
5	64QAM	12	7	17.11	17.36	17.10		
5	64QAM	12	13	16.98	17.28	17.10		
5	64QAM	25	0	17.10	17.17	17.14	18.9	0
5	256QAM	1	0	17.19	17.26	17.35		
5	256QAM	1	12	17.13	17.31	16.96		
5	256QAM	1	24	17.12	17.33	17.06		
5	256QAM	12	0	17.10	17.24	17.12	18.9	0
5	256QAM	12	7	17.02	17.37	17.02		
5	256QAM	12	13	17.00	17.14	17.10		
5	256QAM	25	0	17.10	17.10	17.12		

Band 48 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.51	17.56	17.55	17.38		
20	QPSK	1	49	17.47	17.50	17.40	17.38	18.9	0
20	QPSK	1	99	17.35	17.53	17.31	17.22		
20	QPSK	50	0	17.46	17.51	17.49	17.34		
20	QPSK	50	24	17.32	17.44	17.44	17.40	18.9	0
20	QPSK	50	50	17.28	17.38	17.36	17.26		
20	QPSK	100	0	17.35	17.44	17.37	17.35		
20	16QAM	1	0	17.33	17.51	17.46	17.22		
20	16QAM	1	49	17.41	17.38	17.24	17.36	18.9	0
20	16QAM	1	99	17.31	17.51	17.15	17.12		
20	16QAM	50	0	17.37	17.45	17.34	17.16		
20	16QAM	50	24	17.29	17.41	17.33	17.28	18.9	0
20	16QAM	50	50	17.16	17.37	17.24	17.10		
20	16QAM	100	0	17.20	17.40	17.28	17.22		
20	64QAM	1	0	17.38	17.47	17.47	17.21		
20	64QAM	1	49	17.41	17.47	17.28	17.25	18.9	0
20	64QAM	1	99	17.23	17.48	17.13	17.19		
20	64QAM	50	0	17.30	17.39	17.45	17.20		
20	64QAM	50	24	17.23	17.50	17.26	17.26	18.9	0
20	64QAM	50	50	17.10	17.42	17.29	17.12		
20	64QAM	100	0	17.26	17.32	17.34	17.31		
20	256QAM	1	0	17.36	17.45	17.49	17.29		
20	256QAM	1	49	17.32	17.44	17.24	17.28	18.9	0
20	256QAM	1	99	17.19	17.45	17.23	17.13		
20	256QAM	50	0	17.38	17.45	17.35	17.19		
20	256QAM	50	24	17.19	17.52	17.27	17.33	18.9	0
20	256QAM	50	50	17.17	17.38	17.25	17.12		
20	256QAM	100	0	17.28	17.29	17.33	17.25		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.41	17.50	17.49	17.29		
15	QPSK	1	37	17.29	17.47	17.26	17.31	18.9	0
15	QPSK	1	74	17.28	17.49	17.22	17.15		
15	QPSK	36	0	17.39	17.44	17.47	17.18		
15	QPSK	36	20	17.17	17.42	17.34	17.32	18.9	0
15	QPSK	36	39	17.24	17.42	17.26	17.08		
15	QPSK	75	0	17.24	17.39	17.19	17.23		
15	16QAM	1	0	17.20	17.47	17.43	17.17		
15	16QAM	1	37	17.34	17.29	17.12	17.26	18.9	0
15	16QAM	1	74	17.14	17.36	17.13	17.04		
15	16QAM	36	0	17.34	17.36	17.28	17.11		
15	16QAM	36	20	17.21	17.38	17.30	17.22	18.9	0
15	16QAM	36	39	17.06	17.32	17.21	17.03		
15	16QAM	75	0	17.07	17.22	17.21	17.13		
15	64QAM	1	0	17.25	17.43	17.31	17.07		
15	64QAM	1	37	17.32	17.31	17.12	17.13	18.9	0
15	64QAM	1	74	17.20	17.39	17.09	17.16		
15	64QAM	36	0	17.20	17.28	17.42	17.17		
15	64QAM	36	20	17.20	17.39	17.23	17.22	18.9	0
15	64QAM	36	39	17.04	17.33	17.27	17.05		
15	64QAM	75	0	17.16	17.19	17.20	17.29		
15	256QAM	1	0	17.32	17.37	17.39	17.17		
15	256QAM	1	37	17.22	17.41	17.13	17.22	18.9	0
15	256QAM	1	74	17.17	17.38	17.18	17.03		
15	256QAM	36	0	17.30	17.30	17.18	17.04		
15	256QAM	36	20	17.06	17.44	17.21	17.18	18.9	0
15	256QAM	36	39	17.13	17.28	17.11	16.98		
15	256QAM	75	0	17.21	17.17	17.17	17.22		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.36	17.43	17.39	17.24		
10	QPSK	1	25	17.30	17.32	17.37	17.32	18.9	0
10	QPSK	1	49	17.32	17.43	17.21	17.15		
10	QPSK	25	0	17.40	17.42	17.39	17.32		
10	QPSK	25	12	17.19	17.31	17.39	17.34	18.9	0
10	QPSK	25	25	17.24	17.39	17.27	17.20		
10	QPSK	50	0	17.23	17.29	17.28	17.24		
10	16QAM	1	0	17.29	17.36	17.28	17.10		
10	16QAM	1	25	17.36	17.29	17.06	17.19	18.9	0
10	16QAM	1	49	17.21	17.34	17.05	16.96		
10	16QAM	25	0	17.26	17.41	17.18	17.02		
10	16QAM	25	12	17.24	17.31	17.20	17.14	18.9	0
10	16QAM	25	25	17.08	17.34	17.15	16.95		
10	16QAM	50	0	17.07	17.29	17.11	17.12		
10	64QAM	1	0	17.22	17.32	17.39	17.04		
10	64QAM	1	25	17.39	17.36	17.14	17.07	18.9	0
10	64QAM	1	49	17.05	17.45	16.99	17.14		
10	64QAM	25	0	17.22	17.26	17.42	17.12		
10	64QAM	25	12	17.05	17.48	17.15	17.18	18.9	0
10	64QAM	25	25	16.99	17.39	17.23	17.02		
10	64QAM	50	0	17.13	17.19	17.17	17.20		
10	256QAM	1	0	17.34	17.31	17.42	17.26		
10	256QAM	1	25	17.25	17.32	17.14	17.26	18.9	0
10	256QAM	1	49	17.14	17.32	17.13	17.11		
10	256QAM	25	0	17.21	17.31	17.31	17.14		
10	256QAM	25	12	17.08	17.38	17.10	17.28	18.9	0
10	256QAM	25	25	17.09	17.29	17.19	17.01		
10	256QAM	50	0	17.22	17.14	17.31	17.11		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.37	17.44	17.42	17.24		
5	QPSK	1	12	17.41	17.36	17.27	17.22	18.9	0
5	QPSK	1	24	17.22	17.36	17.23	17.07		
5	QPSK	12	0	17.28	17.39	17.45	17.22		
5	QPSK	12	7	17.16	17.26	17.29	17.30	18.9	0
5	QPSK	12	13	17.26	17.37	17.32	17.20		
5	QPSK	25	0	17.28	17.39	17.26	17.30		
5	16QAM	1	0	17.25	17.40	17.30	17.10		
5	16QAM	1	12	17.39	17.29	17.10	17.30	18.9	0
5	16QAM	1	24	17.25	17.46	17.11	17.02		
5	16QAM	12	0	17.20	17.32	17.31	17.03		
5	16QAM	12	7	17.20	17.30	17.25	17.15	18.9	0
5	16QAM	12	13	17.00	17.27	17.20	17.07		
5	16QAM	25	0	17.10	17.29	17.25	17.13		
5	64QAM	1	0	17.36	17.45	17.36	17.09		
5	64QAM	1	12	17.25	17.36	17.22	17.15	18.9	0
5	64QAM	1	24	17.06	17.43	16.98	17.06		
5	64QAM	12	0	17.22	17.34	17.36	17.12		
5	64QAM	12	7	17.07	17.36	17.17	17.08	18.9	0
5	64QAM	12	13	16.98	17.29	17.13	17.00		
5	64QAM	25	0	17.09	17.28	17.26	17.24		
5	256QAM	1	0	17.30	17.33	17.45	17.15		
5	256QAM	1	12	17.27	17.41	17.13	17.15	18.9	0
5	256QAM	1	24	17.14	17.42	17.08	17.07		
5	256QAM	12	0	17.33	17.37	17.24	17.11		
5	256QAM	12	7	17.15	17.41	17.22	17.28	18.9	0
5	256QAM	12	13	17.00	17.23	17.14	16.98		
5	256QAM	25	0	17.12	17.17	17.30	17.12		

Reduced Power Mode for DSI2 Simultaneous

GSM850 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	190	251		128	190	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.20	33.32	33.28	33.50	24.20	24.32	24.28	24.50
GPRS 1 Tx slot	33.25	33.39	33.31	33.50	24.25	24.39	24.31	24.50
GPRS 2 Tx slots	30.42	30.54	30.50	31.00	24.42	24.54	24.50	25.00
GPRS 3 Tx slots	28.88	28.92	28.84	29.50	24.62	24.66	24.58	25.24
GPRS 4 Tx slots	27.25	27.38	27.30	28.00	24.25	24.38	24.30	25.00
EDGE 1 Tx slot	26.18	26.24	26.10	27.00	17.18	17.24	17.10	18.00
EDGE 2 Tx slots	24.41	24.49	24.45	25.00	18.41	18.49	18.45	19.00
EDGE 3 Tx slots	23.12	23.25	23.10	24.00	18.86	18.99	18.84	19.74
EDGE 4 Tx slots	21.20	21.27	21.18	22.00	18.20	18.27	18.18	19.00

GSM1900 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.65	28.68	28.60	29.00	19.65	19.68	19.60	20.00
GPRS 1 Tx slot	28.69	28.74	28.63	29.00	19.69	19.74	19.63	20.00
GPRS 2 Tx slots	25.35	25.39	25.31	26.00	19.35	19.39	19.31	20.00
GPRS 3 Tx slots	22.96	23.07	22.96	24.50	18.70	18.81	18.70	20.24
GPRS 4 Tx slots	21.28	21.38	21.27	22.50	18.28	18.38	18.27	19.50
EDGE 1 Tx slot	23.50	23.57	23.43	24.50	14.50	14.57	14.43	15.50
EDGE 2 Tx slots	21.83	21.87	21.80	23.00	15.83	15.87	15.80	17.00
EDGE 3 Tx slots	20.69	20.74	20.61	22.00	16.43	16.48	16.35	17.74
EDGE 4 Tx slots	18.46	18.57	18.52	20.00	15.46	15.57	15.52	17.00

Band		WCDMA V Ant 0			Tune-up Limit (dBm)	WCDMA IV Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.65	23.72	23.63	24.00	21.80	21.92	21.87	23.00
3GPP Rel 99	RMC 12.2Kbps	23.71	23.78	23.66	24.00	21.85	21.99	21.93	23.00
3GPP Rel 6	HSDPA Subtest-1	22.89	22.84	22.83	23.00	21.11	21.15	21.00	22.00
3GPP Rel 6	HSDPA Subtest-2	22.77	22.91	22.84	23.00	20.97	21.09	20.97	22.00
3GPP Rel 6	HSDPA Subtest-3	22.30	22.43	22.33	22.50	20.50	20.61	20.51	21.50
3GPP Rel 6	HSDPA Subtest-4	22.24	22.41	22.37	22.50	20.41	20.62	20.49	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.89	22.73	22.75	23.00	21.03	21.13	20.88	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.65	22.79	22.59	23.00	20.84	20.95	20.75	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.26	22.26	22.21	22.50	20.45	20.42	20.34	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.16	22.29	22.31	22.50	20.33	20.49	20.49	21.50
3GPP Rel 6	HSUPA Subtest-1	22.90	22.94	22.94	23.00	21.10	21.06	21.04	22.00
3GPP Rel 6	HSUPA Subtest-2	20.89	20.97	20.75	21.00	19.02	19.14	18.97	20.00
3GPP Rel 6	HSUPA Subtest-3	21.79	21.92	21.93	22.00	19.96	20.03	20.05	21.00
3GPP Rel 6	HSUPA Subtest-4	20.77	20.87	20.83	21.00	18.90	19.07	19.05	20.00
3GPP Rel 6	HSUPA Subtest-5	22.85	22.76	22.74	23.00	21.08	20.90	20.94	22.00

Band 4 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.26	20.30	20.22		
20	QPSK	1	49	20.14	20.23	20.19	21	0
20	QPSK	1	99	20.11	20.16	20.04		
20	QPSK	50	0	19.23	19.37	19.22		
20	QPSK	50	24	19.21	19.30	19.24	20	1
20	QPSK	50	50	19.11	19.25	19.12		
20	QPSK	100	0	19.19	19.32	19.25		
20	16QAM	1	0	19.16	19.26	19.15		
20	16QAM	1	49	19.12	19.25	19.19	20	1
20	16QAM	1	99	19.08	19.15	19.03		
20	16QAM	50	0	18.43	18.49	18.41		
20	16QAM	50	24	18.38	18.51	18.38	19	2
20	16QAM	50	50	18.45	18.49	18.43		
20	16QAM	100	0	18.48	18.61	18.57		
20	64QAM	1	0	18.29	18.35	18.21		
20	64QAM	1	49	18.37	18.43	18.31	19	2
20	64QAM	1	99	18.12	18.25	18.10		
20	64QAM	50	0	17.30	17.43	17.35		
20	64QAM	50	24	17.34	17.40	17.37	18	3
20	64QAM	50	50	17.22	17.30	17.25		
20	64QAM	100	0	17.37	17.41	17.27		
20	256QAM	1	0	15.45	15.51	15.47		
20	256QAM	1	49	15.25	15.38	15.32	16	5
20	256QAM	1	99	15.34	15.37	15.30		
20	256QAM	50	0	15.38	15.41	15.33		
20	256QAM	50	24	15.42	15.45	15.36	16	5
20	256QAM	50	50	15.14	15.26	15.11		
20	256QAM	100	0	15.27	15.37	15.25		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.15	20.27	20.12		
15	QPSK	1	37	20.14	20.24	20.04	21	0
15	QPSK	1	74	20.07	20.04	19.96		
15	QPSK	36	0	19.26	19.37	19.29		
15	QPSK	36	20	19.23	19.38	19.34	20	1
15	QPSK	36	39	19.15	19.32	19.21		
15	QPSK	75	0	19.25	19.39	19.31		
15	16QAM	1	0	19.21	19.29	19.22		
15	16QAM	1	37	19.18	19.35	19.27	20	1
15	16QAM	1	74	19.11	19.25	19.13		
15	16QAM	36	0	18.37	18.36	18.37		
15	16QAM	36	20	18.25	18.43	18.28	19	2
15	16QAM	36	39	18.31	18.36	18.37		
15	16QAM	75	0	18.40	18.57	18.46		
15	64QAM	1	0	18.21	18.32	18.07		
15	64QAM	1	37	18.32	18.40	18.23	19	2
15	64QAM	1	74	17.97	18.17	17.98		
15	64QAM	36	0	17.17	17.32	17.21		
15	64QAM	36	20	17.25	17.33	17.26	18	3
15	64QAM	36	39	17.17	17.23	17.19		
15	64QAM	75	0	17.26	17.31	17.21		
15	256QAM	1	0	15.31	15.39	15.37		
15	256QAM	1	37	15.13	15.24	15.17	16	5
15	256QAM	1	74	15.26	15.31	15.25		
15	256QAM	36	0	15.34	15.30	15.23		
15	256QAM	36	20	15.28	15.37	15.26	16	5
15	256QAM	36	39	15.07	15.18	15.11		
15	256QAM	75	0	15.19	15.31	15.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.17	20.23	20.11		
10	QPSK	1	25	20.18	20.21	20.10	21	0
10	QPSK	1	49	20.01	20.12	19.93		
10	QPSK	25	0	19.32	19.38	19.32		
10	QPSK	25	12	19.22	19.40	19.32	20	1
10	QPSK	25	25	19.21	19.31	19.20		
10	QPSK	50	0	19.24	19.32	19.28		
10	16QAM	1	0	19.21	19.33	19.20		
10	16QAM	1	25	19.23	19.32	19.27	20	1
10	16QAM	1	49	19.12	19.17	19.11		
10	16QAM	25	0	18.36	18.39	18.34		
10	16QAM	25	12	18.31	18.39	18.34	19	2
10	16QAM	25	25	18.30	18.35	18.38		
10	16QAM	50	0	18.41	18.50	18.52		
10	64QAM	1	0	18.15	18.23	18.09		
10	64QAM	1	25	18.27	18.33	18.23	19	2
10	64QAM	1	49	18.09	18.18	17.98		
10	64QAM	25	0	17.24	17.36	17.32		
10	64QAM	25	12	17.25	17.36	17.31	18	3
10	64QAM	25	25	17.11	17.21	17.17		
10	64QAM	50	0	17.31	17.31	17.22		
10	256QAM	1	0	15.38	15.47	15.35		
10	256QAM	1	25	15.18	15.24	15.22	16	5
10	256QAM	1	49	15.20	15.25	15.24		
10	256QAM	25	0	15.34	15.30	15.24		
10	256QAM	25	12	15.35	15.36	15.30	16	5
10	256QAM	25	25	15.09	15.14	15.05		
10	256QAM	50	0	15.13	15.31	15.14		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.22	20.23	20.12		
5	QPSK	1	12	20.20	20.26	20.05	21	0
5	QPSK	1	24	20.06	20.10	19.93		
5	QPSK	12	0	19.24	19.45	19.33		
5	QPSK	12	7	19.23	19.32	19.33	20	1
5	QPSK	12	13	19.22	19.31	19.19		
5	QPSK	25	0	19.25	19.42	19.35		
5	16QAM	1	0	19.27	19.28	19.18		
5	16QAM	1	12	19.20	19.31	19.22	20	1
5	16QAM	1	24	19.17	19.24	19.08		
5	16QAM	12	0	18.36	18.37	18.27		
5	16QAM	12	7	18.30	18.46	18.30	19	2
5	16QAM	12	13	18.41	18.36	18.39		
5	16QAM	25	0	18.40	18.53	18.50		
5	64QAM	1	0	18.17	18.21	18.14		
5	64QAM	1	12	18.25	18.40	18.24	19	2
5	64QAM	1	24	17.97	18.11	17.97		
5	64QAM	12	0	17.25	17.37	17.26		
5	64QAM	12	7	17.29	17.27	17.31	18	3
5	64QAM	12	13	17.12	17.17	17.16		
5	64QAM	25	0	17.31	17.27	17.17		
5	256QAM	1	0	15.37	15.40	15.33		
5	256QAM	1	12	15.15	15.29	15.21	16	5
5	256QAM	1	24	15.24	15.24	15.27		
5	256QAM	12	0	15.32	15.35	15.18		
5	256QAM	12	7	15.29	15.41	15.30	16	5
5	256QAM	12	13	15.10	15.11	15.00		
5	256QAM	25	0	15.23	15.31	15.12		
Channel				19965	20175	20383	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.18	20.28	20.15		
3	QPSK	1	8	20.19	20.24	20.11	21	0
3	QPSK	1	14	20.04	20.10	19.99		
3	QPSK	8	0	19.33	19.37	19.24		
3	QPSK	8	4	19.24	19.37	19.30	20	1
3	QPSK	8	7	19.21	19.32	19.14		
3	QPSK	15	0	19.30	19.38	19.28		
3	16QAM	1	0	19.26	19.33	19.21		
3	16QAM	1	8	19.21	19.25	19.21	20	1
3	16QAM	1	14	19.16	19.15	19.04		
3	16QAM	8	0	18.38	18.45	18.31		
3	16QAM	8	4	18.29	18.44	18.29	19	2
3	16QAM	8	7	18.32	18.42	18.30		
3	16QAM	15	0	18.44	18.47	18.45		
3	64QAM	1	0	18.21	18.24	18.08		
3	64QAM	1	8	18.32	18.29	18.24	19	2
3	64QAM	1	14	18.07	18.15	17.99		
3	64QAM	8	0	17.24	17.33	17.30		
3	64QAM	8	4	17.23	17.35	17.24	18	3
3	64QAM	8	7	17.10	17.18	17.21		
3	64QAM	15	0	17.23	17.29	17.13		
3	256QAM	1	0	15.37	15.37	15.43		
3	256QAM	1	8	15.16	15.33	15.24	16	5
3	256QAM	1	14	15.30	15.25	15.17		
3	256QAM	8	0	15.32	15.30	15.26		
3	256QAM	8	4	15.28	15.41	15.22	16	5
3	256QAM	8	7	15.09	15.18	15.01		
3	256QAM	15	0	15.21	15.28	15.13		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.22	20.26	20.13		
1.4	QPSK	1	3	20.09	20.21	20.07		
1.4	QPSK	1	5	19.96	20.01	19.90	21	0
1.4	QPSK	3	0	20.22	20.23	20.14		
1.4	QPSK	3	1	20.13	20.16	20.13		
1.4	QPSK	3	3	20.04	20.04	19.90		
1.4	QPSK	6	0	19.27	19.49	19.33	20	1
1.4	16QAM	1	0	19.31	19.36	19.27		
1.4	16QAM	1	3	19.14	19.35	19.17		
1.4	16QAM	1	5	19.24	19.40	19.29	20	1
1.4	16QAM	3	0	19.20	19.37	19.25		
1.4	16QAM	3	1	19.14	19.27	19.23		
1.4	16QAM	3	3	19.12	19.23	19.07		
1.4	16QAM	6	0	18.35	18.41	18.34	19	2
1.4	64QAM	1	0	18.29	18.41	18.25		
1.4	64QAM	1	3	18.33	18.45	18.34		
1.4	64QAM	1	5	18.38	18.48	18.45	19	2
1.4	64QAM	3	0	18.16	18.24	18.15		
1.4	64QAM	3	1	18.27	18.33	18.23		
1.4	64QAM	3	3	18.01	18.19	17.97		
1.4	64QAM	6	0	17.17	17.39	17.22	18	3
1.4	256QAM	1	0	15.40	15.43	15.37		
1.4	256QAM	1	3	15.12	15.35	15.19		
1.4	256QAM	1	5	15.23	15.31	15.15	16	5
1.4	256QAM	3	0	15.29	15.32	15.30		
1.4	256QAM	3	1	15.37	15.32	15.21		
1.4	256QAM	3	3	15.01	15.17	15.06		
1.4	256QAM	6	0	15.17	15.31	15.11	16	5

Band 5 Ant 0

BW [MHz]	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	22.78	22.82	22.72		
10	QPSK	1	25	22.71	22.77	22.67	24	0
10	QPSK	1	49	22.63	22.73	22.64		
10	QPSK	25	0	21.94	21.97	21.90		
10	QPSK	25	12	21.77	21.90	21.81	23	1
10	QPSK	25	25	21.67	21.81	21.69		
10	QPSK	50	0	21.97	21.88	21.74		
10	16QAM	1	0	21.86	21.91	21.77		
10	16QAM	1	25	21.73	21.82	21.76	23	1
10	16QAM	1	49	21.66	21.78	21.71		
10	16QAM	25	0	20.83	20.96	20.91		
10	16QAM	25	12	20.71	20.77	20.69	22	2
10	16QAM	25	25	20.69	20.79	20.75		
10	16QAM	50	0	20.75	20.85	20.72		
10	64QAM	1	0	20.86	21.01	20.85		
10	64QAM	1	25	20.79	20.83	20.71	22	2
10	64QAM	1	49	20.65	20.76	20.68		
10	64QAM	25	0	19.76	19.91	19.84		
10	64QAM	25	12	19.74	19.77	19.69	21	3
10	64QAM	25	25	19.72	19.86	19.80		
10	64QAM	50	0	19.73	19.81	19.75		
10	256QAM	1	0	17.71	17.82	17.68		
10	256QAM	1	25	17.67	17.72	17.61	19	5
10	256QAM	1	49	17.62	17.74	17.68		
10	256QAM	25	0	17.69	17.78	17.72		
10	256QAM	25	12	17.57	17.69	17.64	19	5
10	256QAM	25	25	17.55	17.65	17.58		
10	256QAM	50	0	17.65	17.71	17.62		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.72	22.77	22.62		
5	QPSK	1	12	22.67	22.73	22.63	24	0
5	QPSK	1	24	22.58	22.59	22.54		
5	QPSK	12	0	21.90	21.83	21.86		
5	QPSK	12	7	21.65	21.82	21.70	23	1
5	QPSK	12	13	21.62	21.68	21.55		
5	QPSK	25	0	21.73	21.80	21.71		
5	16QAM	1	0	21.79	21.88	21.62		
5	16QAM	1	12	21.70	21.74	21.63	23	1
5	16QAM	1	24	21.58	21.66	21.52		
5	16QAM	12	0	20.74	20.90	20.88		
5	16QAM	12	7	20.62	20.64	20.63	22	2
5	16QAM	12	13	20.54	20.67	20.67		
5	16QAM	25	0	20.68	20.81	20.58		
5	64QAM	1	0	20.80	20.80	20.81		
5	64QAM	1	12	20.51	20.61	20.53	22	2
5	64QAM	1	24	20.38	20.57	20.48		
5	64QAM	12	0	19.69	19.76	19.69		
5	64QAM	12	7	19.67	19.64	19.55	21	3
5	64QAM	12	13	19.59	19.80	19.71		
5	64QAM	25	0	19.63	19.72	19.66		
5	256QAM	1	0	17.64	17.76	17.53		
5	256QAM	1	12	17.63	17.67	17.57	19	5
5	256QAM	1	24	17.50	17.62	17.58		
5	256QAM	12	0	17.65	17.63	17.67		
5	256QAM	12	7	17.49	17.61	17.55	19	5
5	256QAM	12	13	17.44	17.57	17.50		
5	256QAM	25	0	17.53	17.61	17.59		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				823.5	836.5	847.5		
3	QPSK	1	0	22.69	22.72	22.62		
3	QPSK	1	8	22.63	22.67	22.63	24	0
3	QPSK	1	14	22.54	22.68	22.51		
3	QPSK	8	0	21.89	21.89	21.79		
3	QPSK	8	4	21.63	21.79	21.70	23	1
3	QPSK	8	7	21.53	21.66	21.54		
3	QPSK	15	0	21.73	21.85	21.64		
3	16QAM	1	0	21.73	21.86	21.66		
3	16QAM	1	8	21.63	21.69	21.72	23	1
3	16QAM	1	14	21.46	21.56	21.45		
3	16QAM	8	0	20.73	20.85	20.88		
3	16QAM	8	4	20.63	20.70	20.58	22	2
3	16QAM	8	7	20.63	20.65	20.62		
3	16QAM	15	0	20.61	20.76	20.60		
3	64QAM	1	0	20.76	20.87	20.77		
3	64QAM	1	8	20.45	20.64	20.53	22	2
3	64QAM	1	14	20.41	20.52	20.43		
3	64QAM	8	0	19.72	19.81	19.77		
3	64QAM	8	4	19.69	19.72	19.56	21	3
3	64QAM	8	7	19.61	19.80	19.77		
3	64QAM	15	0	19.65	19.74	19.65		
3	256QAM	1	0	17.68	17.71	17.57		
3	256QAM	1	8	17.55	17.64	17.49	19	5
3	256QAM	1	14	17.56	17.65	17.63		
3	256QAM	8	0	17.63	17.69	17.64		
3	256QAM	8	4	17.48	17.61	17.50	19	5
3	256QAM	8	7	17.41	17.59	17.44		
3	256QAM	15	0	17.62	17.66	17.49		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.65	22.78	22.62		
1.4	QPSK	1	3	22.62	22.66	22.61		
1.4	QPSK	1	5	22.49	22.61	22.58	24	0
1.4	QPSK	3	0	22.68	22.70	22.66		
1.4	QPSK	3	1	22.60	22.72	22.55		
1.4	QPSK	3	3	22.51	22.58	22.60		
1.4	QPSK	6	0	21.89	21.85	21.86	23	1
1.4	16QAM	1	0	21.64	21.82	21.68		
1.4	16QAM	1	3	21.62	21.77	21.60		
1.4	16QAM	1	5	21.68	21.84	21.67	23	1
1.4	16QAM	3	0	21.77	21.81	21.68		
1.4	16QAM	3	1	21.65	21.68	21.66		
1.4	16QAM	3	3	21.46	21.64	21.43		
1.4	16QAM	6	0	20.72	20.92	20.81	22	2
1.4	64QAM	1	0	20.56	20.71	20.63		
1.4	64QAM	1	3	20.60	20.66	20.68		
1.4	64QAM	1	5	20.67	20.74	20.65	22	2
1.4	64QAM	3	0	20.81	20.82	20.78		
1.4	64QAM	3	1	20.68	20.73	20.62		
1.4	64QAM	3	3	20.58	20.69	20.55		
1.4	64QAM	6	0	19.72	19.79	19.75	21	3
1.4	256QAM	1	0	17.67	17.72	17.61		
1.4	256QAM	1	3	17.54	17.66	17.54		
1.4	256QAM	1	5	17.59	17.70	17.62	19	5
1.4	256QAM	3	0	17.61	17.68	17.62		
1.4	256QAM	3	1	17.50	17.56	17.61		
1.4	256QAM	3	3	17.47	17.52	17.44		
1.4	256QAM	6	0	17.61	17.59	17.55	19	5

Band 7 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.16	23.24	23.12		
20	QPSK	1	49	23.14	23.19	23.09	24	0
20	QPSK	1	99	23.09	23.12	23.04		
20	QPSK	50	0	22.22	22.37	22.27		
20	QPSK	50	24	22.28	22.32	22.21	23	1
20	QPSK	50	50	22.10	22.25	22.12		
20	QPSK	100	0	22.27	22.31	22.28		
20	16QAM	1	0	22.10	22.24	22.16		
20	16QAM	1	49	22.12	22.19	22.05	23	1
20	16QAM	1	99	22.01	22.12	21.99		
20	16QAM	50	0	21.43	21.48	21.33		
20	16QAM	50	24	21.29	21.43	21.29	22	2
20	16QAM	50	50	21.33	21.36	21.26		
20	16QAM	100	0	21.30	21.42	21.31		
20	64QAM	1	0	21.26	21.36	21.27		
20	64QAM	1	49	21.21	21.31	21.21	22	2
20	64QAM	1	99	21.18	21.24	21.19		
20	64QAM	50	0	20.35	20.41	20.37		
20	64QAM	50	24	20.27	20.36	20.23	21	3
20	64QAM	50	50	20.16	20.29	20.22		
20	64QAM	100	0	20.31	20.35	20.23		
20	256QAM	1	0	18.36	18.46	18.38		
20	256QAM	1	49	18.38	18.41	18.34	19	5
20	256QAM	1	99	18.25	18.34	18.28		
20	256QAM	50	0	18.27	18.42	18.36		
20	256QAM	50	24	18.31	18.37	18.29	19	5
20	256QAM	50	50	18.21	18.30	18.25		
20	256QAM	100	0	18.30	18.39	18.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.08	23.17	23.03		
15	QPSK	1	37	23.09	23.11	22.95	24	0
15	QPSK	1	74	23.01	23.09	22.99		
15	QPSK	36	0	22.19	22.31	22.19		
15	QPSK	36	20	22.16	22.21	22.08	23	1
15	QPSK	36	39	22.01	22.22	22.03		
15	QPSK	75	0	22.21	22.18	22.13		
15	16QAM	1	0	22.06	22.19	22.07		
15	16QAM	1	37	22.07	22.04	21.96	23	1
15	16QAM	1	74	21.97	21.97	21.90		
15	16QAM	36	0	21.36	21.42	21.25		
15	16QAM	36	20	21.23	21.30	21.20	22	2
15	16QAM	36	39	21.18	21.26	21.20		
15	16QAM	75	0	21.20	21.35	21.27		
15	64QAM	1	0	21.13	21.33	21.14		
15	64QAM	1	37	21.15	21.24	21.09	22	2
15	64QAM	1	74	21.10	21.21	21.13		
15	64QAM	36	0	20.29	20.36	20.25		
15	64QAM	36	20	20.14	20.26	20.18	21	3
15	64QAM	36	39	20.04	20.14	20.09		
15	64QAM	75	0	20.18	20.22	20.12		
15	256QAM	1	0	18.31	18.34	18.29		
15	256QAM	1	37	18.23	18.33	18.28	19	5
15	256QAM	1	74	18.21	18.30	18.16		
15	256QAM	36	0	18.13	18.29	18.32		
15	256QAM	36	20	18.21	18.31	18.23	19	5
15	256QAM	36	39	18.06	18.25	18.19		
15	256QAM	75	0	18.20	18.29	18.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.13	23.21	23.00		
10	QPSK	1	25	23.09	23.10	23.03	24	0
10	QPSK	1	49	23.01	23.07	22.97		
10	QPSK	25	0	22.13	22.33	22.15		
10	QPSK	25	12	22.23	22.27	22.17	23	1
10	QPSK	25	25	22.05	22.14	22.06		
10	QPSK	50	0	22.21	22.19	22.24		
10	16QAM	1	0	22.04	22.16	22.12		
10	16QAM	1	25	22.00	22.14	21.92	23	1
10	16QAM	1	49	21.94	22.04	21.93		
10	16QAM	25	0	21.30	21.38	21.22		
10	16QAM	25	12	21.24	21.30	21.17	22	2
10	16QAM	25	25	21.26	21.24	21.20		
10	16QAM	50	0	21.26	21.31	21.21		
10	64QAM	1	0

Band 12 Ant 0

BW [MHz]	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	22.84	22.89	22.79	24	0
10	QPSK	1	25	22.76	22.81	22.64		
10	QPSK	1	49	22.60	22.68	22.62		
10	QPSK	25	0	21.92	21.99	21.88	23	1
10	QPSK	25	12	21.88	21.94	21.84		
10	QPSK	25	25	21.80	21.87	21.78		
10	QPSK	50	0	21.85	21.93	21.84		
10	16QAM	1	0	21.77	21.86	21.80	23	1
10	16QAM	1	25	21.66	21.81	21.71		
10	16QAM	1	49	21.66	21.74	21.66		
10	16QAM	25	0	20.86	20.97	20.82	22	2
10	16QAM	25	12	20.80	20.92	20.88		
10	16QAM	25	25	20.76	20.85	20.79		
10	16QAM	50	0	20.87	20.91	20.80		
10	64QAM	1	0	20.72	20.83	20.74	22	2
10	64QAM	1	25	20.65	20.78	20.68		
10	64QAM	1	49	20.59	20.71	20.67		
10	64QAM	25	0	19.81	19.96	19.91	21	3
10	64QAM	25	12	19.85	19.91	19.77		
10	64QAM	25	25	19.80	19.84	19.73		
10	64QAM	50	0	19.84	19.89	19.74		
10	256QAM	1	0	17.79	17.91	17.77	19	5
10	256QAM	1	25	17.77	17.86	17.79		
10	256QAM	1	49	17.75	17.79	17.72		
10	256QAM	25	0	17.73	17.85	17.75	19	5
10	256QAM	25	12	17.69	17.80	17.66		
10	256QAM	25	25	17.61	17.73	17.65		
10	256QAM	50	0	17.70	17.78	17.63		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.77	22.86	22.74	24	0
5	QPSK	1	12	22.63	22.69	22.56		
5	QPSK	1	24	22.47	22.54	22.47		
5	QPSK	12	0	21.81	21.92	21.76	23	1
5	QPSK	12	7	21.83	21.81	21.72		
5	QPSK	12	13	21.74	21.73	21.72		
5	QPSK	25	0	21.81	21.82	21.80		
5	16QAM	1	0	21.62	21.72	21.73	23	1
5	16QAM	1	12	21.59	21.73	21.65		
5	16QAM	1	24	21.54	21.69	21.59		
5	16QAM	12	0	20.74	20.92	20.69	22	2
5	16QAM	12	7	20.73	20.79	20.85		
5	16QAM	12	13	20.71	20.81	20.69		
5	16QAM	25	0	20.82	20.87	20.76		
5	64QAM	1	0	20.63	20.77	20.65	22	2
5	64QAM	1	12	20.62	20.67	20.56		
5	64QAM	1	24	20.45	20.64	20.60		
5	64QAM	12	0	19.73	19.85	19.78	21	3
5	64QAM	12	7	19.76	19.85	19.72		
5	64QAM	12	13	19.66	19.71	19.59		
5	64QAM	25	0	19.74	19.79	19.68		
5	256QAM	1	0	17.68	17.81	17.71	19	5
5	256QAM	1	12	17.66	17.73	17.68		
5	256QAM	1	24	17.69	17.74	17.68		
5	256QAM	12	0	17.62	17.81	17.63	19	5
5	256QAM	12	7	17.63	17.66	17.55		
5	256QAM	12	13	17.48	17.59	17.56		
5	256QAM	25	0	17.58	17.75	17.56		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.78	22.81	22.72	24	0
3	QPSK	1	8	22.70	22.76	22.50		
3	QPSK	1	14	22.53	22.54	22.57		
3	QPSK	8	0	21.83	21.84	21.75	23	1
3	QPSK	8	4	21.81	21.86	21.79		
3	QPSK	8	7	21.71	21.76	21.75		
3	QPSK	15	0	21.71	21.88	21.75		
3	16QAM	1	0	21.66	21.80	21.75	23	1
3	16QAM	1	8	21.62	21.69	21.58		
3	16QAM	1	14	21.61	21.60	21.58		
3	16QAM	8	0	20.81	20.92	20.77	22	2
3	16QAM	8	4	20.74	20.78	20.78		
3	16QAM	8	7	20.70	20.77	20.75		
3	16QAM	15	0	20.73	20.80	20.68		
3	64QAM	1	0	20.61	20.69	20.70	22	2
3	64QAM	1	8	20.50	20.70	20.61		
3	64QAM	1	14	20.47	20.59	20.61		
3	64QAM	8	0	19.68	19.82	19.81	21	3
3	64QAM	8	4	19.81	19.84	19.72		
3	64QAM	8	7	19.70	19.73	19.63		
3	64QAM	15	0	19.75	19.84	19.61		
3	256QAM	1	0	17.74	17.88	17.64	19	5
3	256QAM	1	8	17.66	17.73	17.65		
3	256QAM	1	14	17.66	17.68	17.59		
3	256QAM	8	0	17.58	17.80	17.70	19	5
3	256QAM	8	4	17.55	17.66	17.52		
3	256QAM	8	7	17.56	17.61	17.55		
3	256QAM	15	0	17.57	17.68	17.55		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.76	22.83	22.75	24	0
1.4	QPSK	1	3	22.65	22.67	22.51		
1.4	QPSK	1	5	22.48	22.57	22.53		
1.4	QPSK	3	0	22.50	22.67	22.67		
1.4	QPSK	3	1	22.54	22.55	22.56		
1.4	QPSK	3	3	22.44	22.54	22.57		
1.4	QPSK	6	0	21.80	21.85	21.76	23	1
1.4	16QAM	1	0	21.77	21.82	21.74	23	1
1.4	16QAM	1	3	21.66	21.79	21.72		
1.4	16QAM	1	5	21.77	21.88	21.74		
1.4	16QAM	3	0	21.74	21.82	21.74		
1.4	16QAM	3	1	21.54	21.66	21.57		
1.4	16QAM	3	3	21.57	21.65	21.55		
1.4	16QAM	6	0	20.76	20.90	20.69	22	2
1.4	64QAM	1	0	20.76	20.88	20.76	22	2
1.4	64QAM	1	3	20.65	20.78	20.70		
1.4	64QAM	1	5	20.75	20.76	20.71		
1.4	64QAM	3	0	20.60	20.80	20.70		
1.4	64QAM	3	1	20.60	20.75	20.64		
1.4	64QAM	3	3	20.53	20.56	20.56		
1.4	64QAM	6	0	19.70	19.88	19.82	21	3
1.4	256QAM	1	0	17.65	17.85	17.72	19	5
1.4	256QAM	1	3	17.69	17.80	17.71		
1.4	256QAM	1	5	17.61	17.66	17.60		
1.4	256QAM	3	0	17.66	17.76	17.65		
1.4	256QAM	3	1	17.59	17.74	17.56		
1.4	256QAM	3	3	17.48	17.61	17.59		
1.4	256QAM	6	0	17.61	17.70	17.57	19	5

Band 13 Ant 0

BW [MHz]	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		22.82		24	0
10	QPSK	1	25		22.77			
10	QPSK	1	49		22.73			
10	QPSK	25	0		21.87		23	1
10	QPSK	25	12		21.82			
10	QPSK	25	25		21.76			
10	QPSK	50	0		21.83			
10	16QAM	1	0		21.77		23	1
10	16QAM	1	25		21.72			
10	16QAM	1	49		21.61			
10	16QAM	25	0		20.90		22	2
10	16QAM	25	12		20.85			
10	16QAM	25	25		20.73			
10	16QAM	50	0		20.84			
10	64QAM	1	0		20.79		22	2
10	64QAM	1	25		20.74			
10	64QAM	1	49		20.60			
10	64QAM	25	0		19.91		21	3
10	64QAM	25	12		19.86			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.85			
10	256QAM	1	0		17.91		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.74			
10	256QAM	25	0		17.87		19	5
10	256QAM	25	12		17.82			
10	256QAM	25	25		17.74			
10	256QAM	50	0		17.80			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.71	22.78	22.67	24	0
5	QPSK	1	12	22.68	22.72	22.64		
5	QPSK	1	24	22.54	22.62	22.53		
5	QPSK	12	0	21.66	21.77	21.68	23	1
5	QPSK	12	7	21.71	21.78	21.73		
5	QPSK	12	13	21.49	21.64	21.54		
5	QPSK	25	0	21.66	21.79	21.67		
5	16QAM	1	0	21.63	21.74	21.63	23	1
5	16QAM	1	12	21.57	21.60	21.54		
5	16QAM	1	24	21.39	21.51	21.46		
5	16QAM	12	0	20.70	20.81	20.69	22	2
5	16QAM	12	7	20.68	20.77	20.64		
5	16QAM	12	13	20.61	20.72	20.61		
5	16QAM	25	0	20.68	20.81	20.73		
5	64QAM	1	0	20.52	20.65	20.59	22	2
5	64QAM	1	12	20.46	20.60	20.50		
5	64QAM	1	24	20.48	20.57	20.43		
5	64QAM	12	0	19.66	19.76	19.67	21	3
5	64QAM	12	7	19.70	19.74	19.63		
5	64QAM	12	13	19.66	19.71	19.59		
5	64QAM	25	0	19.71	19.79	19.66		
5	256QAM	1	0	17.78	17.83	17.76	19	5
5	256QAM	1	12	17.68	17.83	17.76		
5	256QAM	1	24	17.64	17.75	17.70		
5	256QAM	12	0	17.78	17.83	17.77	19	5
5	256QAM	12	7	17.65	17.73	17.60		
5	256QAM	12	13	17.55	17.70	17.65		
5	256QAM	25	0	17.73	17.78	17.68		

Band 17 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.85	22.88	22.81	24	0
10	QPSK	1	25	22.81	22.87	22.75		
10	QPSK	1	49	22.71	22.80	22.67		
10	QPSK	25	0	21.89	21.96	21.86	23	1
10	QPSK	25	12	21.79	21.91	21.84		
10	QPSK	25	25	21.75	21.84	21.80		
10	QPSK	50	0	21.75	21.89	21.84		
10	16QAM	1	0	21.75	21.81	21.68	23	1
10	16QAM	1	25	21.65	21.76	21.67		
10	16QAM	1	49	21.59	21.69	21.65		
10	16QAM	25	0	20.89	20.92	20.86	22	2
10	16QAM	25	12	20.77	20.87	20.82		
10	16QAM	25	25	20.65	20.80	20.73		
10	16QAM	50	0	20.73	20.86	20.71		
10	64QAM	1	0	20.71	20.81	20.69	22	2
10	64QAM	1	25	20.71	20.76	20.66		
10	64QAM	1	49	20.59	20.69	20.57		
10	64QAM	25	0	19.79	19.90	19.79	21	3
10	64QAM	25	12	19.79	19.85	19.79		
10	64QAM	25	25	19.75	19.78	19.64		
10	64QAM	50	0	19.77	19.86	19.77		
10	256QAM	1	0	17.82	17.90	17.80	19	5
10	256QAM	1	25	17.76	17.85	17.80		
10	256QAM	1	49	17.73	17.78	17.71		
10	256QAM	25	0	17.78	17.84	17.80	19	5
10	256QAM	25	12	17.65	17.79	17.69		
10	256QAM	25	25	17.63	17.72	17.67		
10	256QAM	50	0	17.67	17.79	17.72		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.77	22.85	22.72	24	0
5	QPSK	1	12	22.74	22.72	22.68		
5	QPSK	1	24	22.65	22.74	22.61		
5	QPSK	12	0	21.76	21.81	21.72	23	1
5	QPSK	12	7	21.69	21.77	21.71		
5	QPSK	12	13	21.69	21.80	21.72		
5	QPSK	25	0	21.69	21.76	21.79		
5	16QAM	1	0	21.72	21.76	21.57	23	1
5	16QAM	1	12	21.60	21.67	21.56		
5	16QAM	1	24	21.54	21.54	21.53		
5	16QAM	12	0	20.82	20.85	20.74	22	2
5	16QAM	12	7	20.74	20.83	20.71		
5	16QAM	12	13	20.56	20.66	20.67		
5	16QAM	25	0	20.70	20.79	20.58		
5	64QAM	1	0	20.59	20.72	20.63	22	2
5	64QAM	1	12	20.59	20.62	20.57		
5	64QAM	1	24	20.54	20.61	20.50		
5	64QAM	12	0	19.67	19.79	19.72	21	3
5	64QAM	12	7	19.71	19.73	19.72		
5	64QAM	12	13	19.71	19.67	19.60		
5	64QAM	25	0	19.63	19.75	19.66		
5	256QAM	1	0	17.71	17.84	17.75	19	5
5	256QAM	1	12	17.66	17.79	17.73		
5	256QAM	1	24	17.65	17.73	17.60		
5	256QAM	12	0	17.69	17.74	17.71	19	5
5	256QAM	12	7	17.56	17.76	17.61		
5	256QAM	12	13	17.53	17.65	17.62		
5	256QAM	25	0	17.61	17.65	17.59		

Band 26 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.82	22.89	22.74	24	0
15	QPSK	1	37	22.79	22.84	22.70		
15	QPSK	1	74	22.68	22.77	22.71		
15	QPSK	36	0	21.68	21.81	21.67	23	1
15	QPSK	36	20	21.73	21.76	21.70		
15	QPSK	36	39	21.60	21.69	21.58		
15	QPSK	75	0	21.65	21.76	21.65		
15	16QAM	1	0	21.57	21.72	21.66	23	1
15	16QAM	1	37	21.63	21.67	21.53		
15	16QAM	1	74	21.48	21.60	21.55		
15	16QAM	36	0	20.67	20.79	20.66	22	2
15	16QAM	36	20	20.69	20.74	20.69		
15	16QAM	36	39	20.56	20.67	20.60		
15	16QAM	75	0	20.58	20.73	20.68		
15	64QAM	1	0	20.55	20.68	20.54	22	2
15	64QAM	1	37	20.49	20.63	20.51		
15	64QAM	1	74	20.51	20.56	20.49		
15	64QAM	36	0	19.71	19.76	19.69	21	3
15	64QAM	36	20	19.60	19.71	19.62		
15	64QAM	36	39	19.50	19.64	19.53		
15	64QAM	75	0	19.58	19.68	19.62		
15	256QAM	1	0	17.67	17.80	17.66	19	5
15	256QAM	1	37	17.66	17.75	17.71		
15	256QAM	1	74	17.64	17.68	17.62		
15	256QAM	36	0	17.62	17.73	17.67	19	5
15	256QAM	36	20	17.61	17.68	17.53		
15	256QAM	36	39	17.55	17.61	17.51		
15	256QAM	75	0	17.58	17.68	17.56		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.73	22.82	22.66	24	0
10	QPSK	1	25	22.70	22.72	22.56		
10	QPSK	1	49	22.54	22.63	22.65		
10	QPSK	25	0	21.57	21.77	21.54	23	1
10	QPSK	25	12	21.68	21.66	21.64		
10	QPSK	25	25	21.49	21.66	21.48		
10	QPSK	50	0	21.52	21.62	21.54		
10	16QAM	1	0	21.48	21.65	21.63	23	1
10	16QAM	1	25	21.50	21.63	21.46		
10	16QAM	1	49	21.35	21.48	21.42		
10	16QAM	25	0	20.55	20.68	20.63	22	2
10	16QAM	25	12	20.59	20.59	20.63		
10	16QAM	25	25	20.53	20.62	20.56		
10	16QAM	50	0	20.45	20.59	20.63		
10	64QAM	1	0	20.48	20.56	20.48	22	2
10	64QAM	1	25	20.40	20.53	20.44		
10	64QAM	1	49	20.37	20.43	20.37		
10	64QAM	25	0	19.64	19.62	19.56	21	3
10	64QAM	25	12	19.54	19.61	19.56		
10	64QAM	25	25	19.40	19.57	19.45		
10	64QAM	50	0	19.44	19.57	19.59		
10	256QAM	1	0	17.60	17.73	17.59	19	5
10	256QAM	1	25	17.63	17.71	17.57		
10	256QAM	1	49	17.57	17.60	17.55		
10	256QAM	25	0	17.54	17.64	17.57	19	5
10	256QAM	25	12	17.52	17.60	17.47		
10	256QAM	25	25	17.49	17.54	17.36		
10	256QAM	50	0	17.45	17.53	17.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.70	22.75	22.69	24	0
5	QPSK	1	12	22.73	22.71	22.61		
5	QPSK	1	24	22.64	22.73	22.57		
5	QPSK	12	0	21.55	21.72	21.56	23	1
5	QPSK	12	7	21.59	21.68	21.64		
5	QPSK	12	13	21.57	21.59	21.47		
5	QPSK	25	0	21.61	21.67	21.60		
5	16QAM	1	0	21.48	21.64	21.62	23	1
5	16QAM	1	12	21.60	21.53	21.48		
5	16QAM	1	24	21.40	21.52	21.48		
5	16QAM	12	0	20.56	20.70	20.53	22	2
5	16QAM	12	7	20.62	20.68	20.56		
5	16QAM	12	13	20.49	20.55	20.45		
5	16QAM	25	0	20.52	20.63	20.58		
5	64QAM	1	0	20.52	20.63	20.41	22	2
5	64QAM	1	12	20.36	20.59	20.36		
5	64QAM	1	24	20.40	20.44	20.46		
5	64QAM	12	0	19.66	19.67	19.64	21	3
5	64QAM	12	7	19.46	19.58	19.53		
5	64QAM	12	13	19.38	19.57	19.38		
5	64QAM	25	0	19.54	19.59	19.51		
5	256QAM	1	0	17.64	17.71	17.60	19	5
5	256QAM	1	12	17.53	17.71	17.66		
5	256QAM	1	24	17.59	17.63	17.47		
5	256QAM	12	0	17.50	17.70	17.53	19	5
5	256QAM	12	7	17.46	17.53	17.39		
5	256QAM	12	13	17.43	17.47	17.46		
5	256QAM	25	0	17.49	17.64	17.46		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.69	22.79	22.60	24	0
3	QPSK	1	8	22.70	22.74	22.67		
3	QPSK	1	14	22.57	22.72	22.56		
3	QPSK	8	0	21.63	21.69	21.56	23	1
3	QPSK	8	4	21.65	21.63	21.65		
3	QPSK	8	7	21.51	21.55	21.55		
3	QPSK	15	0	21.61	21.73	21.51		
3	16QAM	1	0	21.48	21.65	21.58	23	1
3	16QAM	1	8	21.50	21.63	21.41		
3	16QAM	1	14	21.38	21.46	21.50		
3	16QAM	8	0	20.54	20.72	20.55	22	2
3	16QAM	8	4	20.62	20.60	20.60		
3	16QAM	8	7	20.52	20.63	20.54		
3	16QAM	15	0	20.48	20.62	20.60		
3	64QAM	1	0	20.44	20.58	20.40	22	2
3	64QAM	1	8	20.46	20.53	20.42		
3	64QAM	1	14	20.42	20.49	20.43		
3	64QAM	8	0	19.68	19.66	19.60	21	3
3	64QAM	8	4	19.49	19.68	19.51		
3	64QAM	8	7	19.43	19.58	19.48		
3	64QAM	15	0	19.48	19.63	19.52		
3	256QAM	1	0	17.54	17.69	17.57	19	5
3	256QAM	1	8	17.61	17.61	17.58		
3	256QAM	1	14	17.56	17.58	17.50		
3	256QAM	8	0	17.56	17.58	17.62	19	5
3	256QAM	8	4	17.51	17.60	17.44		
3	256QAM	8	7	17.47	17.55	17.38		
3	256QAM	15	0	17.51	17.64	17.51		
Channel				26707	26865	27023	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.77	22.85	22.63	24	0
1.4	QPSK	1	3	22.66	22.80	22.57		
1.4	QPSK	1	5	22.64	22.71	22.66		
1.4	QPSK	3	0	22.74	22.82	22.71		
1.4	QPSK	3	1	22.74	22.76	22.64		
1.4	QPSK	3	3	22.56	22.63	22.56		
1.4	QPSK	6	0	21.65	21.67	21.59	23	1
1.4	16QAM	1	0	21.60	21.69	21.58	23	1
1.4	16QAM	1	3	21.49	21.63	21.51		
1.4	16QAM	1	5	21.54	21.67	21.56		
1.4	16QAM	3	0	21.51	21.58	21.61		
1.4	16QAM	3	1	21.48	21.62	21.38		
1.4	16QAM	3	3	21.38	21.46	21.49		
1.4	16QAM	6	0	20.63	20.66	20.56	22	2
1.4	64QAM	1	0	20.60	20.62	20.62	22	2
1.4	64QAM	1	3	20.42	20.54	20.48		
1.4	64QAM	1	5	20.50	20.60	20.59		
1.4	64QAM	3	0	20.51	20.53	20.43		
1.4	64QAM	3	1	20.38	20.53	20.37		
1.4	64QAM	3	3	20.45	20.45	20.38		
1.4	64QAM	6	0	19.62	19.73	19.57	21	3
1.4	256QAM	1	0	17.54	17.74	17.51	19	5
1.4	256QAM	1	3	17.55	17.71	17.65		
1.4	256QAM	1	5	17.50	17.64	17.54		
1.4	256QAM	3	0	17.53	17.69	17.60		
1.4	256QAM	3	1	17.49	17.57	17.42		
1.4	256QAM	3	3	17.41	17.56	17.36		
1.4	256QAM	6	0	17.45	17.53	17.48	19	5

Band 66 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.26	20.36	20.20	21	0
20	QPSK	1	49	20.22	20.29	20.16		
20	QPSK	1	99	20.15	20.22	20.08		
20	QPSK	50	0	19.24	19.38	19.25	20	1
20	QPSK	50	24	19.21	19.33	19.28		
20	QPSK	50	50	19.16	19.26	19.14		
20	QPSK	100	0	19.21	19.33	19.21		
20	16QAM	1	0	19.27	19.31	19.22	20	1
20	16QAM	1	49	19.15	19.26	19.22		
20	16QAM	1	99	19.12	19.19	19.15		
20	16QAM	50	0	18.38	18.44	18.38	19	2
20	16QAM	50	24	18.29	18.39	18.24		
20	16QAM	50	50	18.29	18.32	18.27		
20	16QAM	100	0	18.31	18.37	18.29		
20	64QAM	1	0	18.18	18.30	18.16	19	2
20	64QAM	1	49	18.21	18.25	18.14		
20	64QAM	1	99	18.04	18.18	18.09		
20	64QAM	50	0	17.34	17.41	17.35	18	3
20	64QAM	50	24	17.29	17.36	17.24		
20	64QAM	50	50	17.16	17.29	17.24		
20	64QAM	100	0	17.26	17.34	17.22		
20	256QAM	1	0	15.34	15.43	15.36	16	5
20	256QAM	1	49	15.27	15.38	15.33		
20	256QAM	1	99	15.20	15.31	15.19		
20	256QAM	50	0	15.28	15.37	15.29	16	5
20	256QAM	50	24	15.26	15.32	15.22		
20	256QAM	50	50	15.20	15.25	15.15		
20	256QAM	100	0	15.21	15.31	15.19		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.09	20.16	20.06	21	0
15	QPSK	1	37	20.06	20.05	20.02		
15	QPSK	1	74	19.94	20.01	19.95		
15	QPSK	36	0	19.20	19.28	19.19	20	1
15	QPSK	36	20	19.16	19.26	19.24		
15	QPSK	36	39	19.08	19.15	19.07		
15	QPSK	75	0	19.14	19.20	19.16		
15	16QAM	1	0	19.22	19.16	19.07	20	1
15	16QAM	1	37	19.01	19.21	19.14		
15	16QAM	1	74	19.02	19.16	19.09		
15	16QAM	36	0	18.28	18.36	18.33	19	2
15	16QAM	36	20	18.21	18.27	18.15		
15	16QAM	36	39	18.21	18.23	18.24		
15	16QAM	75	0	18.23	18.26	18.21		
15	64QAM	1	0	18.13	18.25	18.06	19	2
15	64QAM	1	37	18.08	18.12	18.10		
15	64QAM	1	74	17.91	18.08	17.98		
15	64QAM	36	0	17.21	17.36	17.26	18	3
15	64QAM	36	20	17.18	17.23	17.12		
15	64QAM	36	39	17.05	17.18	17.12		
15	64QAM	75	0	17.14	17.24	17.16		
15	256QAM	1	0	15.27	15.36	15.22	16	5
15	256QAM	1	37	15.12	15.34	15.21		
15	256QAM	1	74	15.07	15.27	15.11		
15	256QAM	36	0	15.20	15.27	15.25	16	5
15	256QAM	36	20	15.19	15.25	15.11		
15	256QAM	36	39	15.08	15.19	15.00		
15	256QAM	75	0	15.17	15.19	15.14		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.09	20.18	19.97	21	0
10	QPSK	1	25	20.01	20.10	19.99		
10	QPSK	1	49	19.91	20.09	19.99		
10	QPSK	25	0	19.13	19.28	19.22	20	1
10	QPSK	25	12	19.11	19.25	19.20		
10	QPSK	25	25	19.03	19.15	19.10		
10	QPSK	50	0	19.07	19.25	19.09		
10	16QAM	1	0	19.19	19.19	19.08	20	1
10	16QAM	1	25	19.04	19.20	19.17		
10	16QAM	1	49	19.05	19.10	19.12		
10	16QAM	25	0	18.33	18.29	18.27	19	2
10	16QAM	25	12	18.15	18.36	18.20		
10	16QAM	25	25	18.17	18.18	18.14		
10	16QAM	50	0	18.24	18.30	18.23		
10	64QAM	1	0	18.12	18.16	18.06	19	2
10	64QAM	1	25	18.17	18.15	18.02		
10	64QAM	1	49	18.01	18.04	18.03		
10	64QAM	25	0	17.20	17.29	17.25	18	3
10	64QAM	25	12	17.15	17.21	17.18		
10	64QAM	25	25	17.10	17.20	17.20		
10	64QAM	50	0	17.18	17.28	17.18		
10	256QAM	1	0	15.22	15.38	15.26	16	5
10	256QAM	1	25	15.19	15.28	15.29		
10	256QAM	1	49	15.13	15.22	15.09		
10	256QAM	25	0	15.18	15.25	15.15	16	5
10	256QAM	25	12	15.16	15.25	15.09		
10	256QAM	25	25	15.16	15.19	15.03		
10	256QAM	50	0	15.17	15.22	15.04		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.04	20.10	19.98	21	0
5	QPSK	1	12	20.08	20.09	20.00		
5	QPSK	1	24	19.97	20.08	19.94		
5	QPSK	12	0	19.14	19.25	19.17	20	1
5	QPSK	12	7	19.08	19.20	19.24		
5	QPSK	12	13	19.05	19.22	19.03		
5	QPSK	25	0	19.07	19.25	19.14		
5	16QAM	1	0	19.19	19.20	19.17	20	1
5	16QAM	1	12	19.02	19.19	19.09		
5	16QAM	1	24	18.97	19.09	19.00		
5	16QAM	12	0	18.25	18.32	18.31	19	2
5	16QAM	12	7	18.15	18.33	18.14		
5	16QAM	12	13	18.24	18.28	18.23		
5	16QAM	25	0	18.17	18.32	18.19		
5	64QAM	1	0	18.15	18.16	18.04	19	2
5	64QAM	1	12	18.17	18.18	18.09		
5	64QAM	1	24	17.90	18.09	18.00		
5	64QAM	12	0	17.26	17.27	17.28	18	3
5	64QAM	12	7	17.15	17.33	17.12		
5	64QAM	12	13	17.09	17.20	17.20		
5	64QAM	25	0	17.17	17.30	17.17		
5	256QAM	1	0	15.23	15.39	15.24	16	5
5	256QAM	1	12	15.14	15.31	15.20		
5	256QAM	1	24	15.13	15.21	15.06		
5	256QAM	12	0	15.25	15.29	15.16	16	5
5	256QAM	12	7	15.12	15.18	15.08		
5	256QAM	12	13	15.15	15.17	15.08		
5	256QAM	25	0	15.08	15.19	15.04		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.06	20.17	20.01	21	0
3	QPSK	1	8	19.99	20.08	19.98		
3	QPSK	1	14	19.91	20.05	19.97	20	1
3	QPSK	8	0	19.14	19.29	19.12		
3	QPSK	8	4	19.09	19.24	19.25		
3	QPSK	8	7	19.09	19.18	19.07		
3	QPSK	15	0	19.14	19.23	19.10		
3	16QAM	1	0	19.24	19.28	19.10	20	1
3	16QAM	1	8	19.06	19.14	19.16		
3	16QAM	1	14	19.03	19.10	19.08		
3	16QAM	8	0	18.32	18.36	18.26	19	2
3	16QAM	8	4	18.15	18.35	18.10		
3	16QAM	8	7	18.17	18.28	18.22		
3	16QAM	15	0	18.16	18.22	18.17		
3	64QAM	1	0	18.03	18.16	18.08	19	2
3	64QAM	1	8	18.07	18.19	18.02		
3	64QAM	1	14	17.99	18.04	17.96		
3	64QAM	8	0	17.30	17.32	17.29	18	3
3	64QAM	8	4	17.24	17.25	17.09		
3	64QAM	8	7	17.13	17.24	17.11		
3	64QAM	15	0	17.16	17.26	17.08		
3	256QAM	1	0	15.28	15.36	15.30	16	5
3	256QAM	1	8	15.22	15.30	15.18		
3	256QAM	1	14	15.17	15.16	15.08		
3	256QAM	8	0	15.17	15.25	15.15	16	5
3	256QAM	8	4	15.22	15.22	15.18		
3	256QAM	8	7	15.05	15.15	15.10		
3	256QAM	15	0	15.07	15.19	15.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.06	20.14	20.01	21	0
1.4	QPSK	1	3	20.01	20.13	19.98		
1.4	QPSK	1	5	20.00	19.97	19.96		
1.4	QPSK	3	0	20.01	20.10	20.02		
1.4	QPSK	3	1	20.01	20.09	19.93		
1.4	QPSK	3	3	19.97	20.01	19.92		
1.4	QPSK	6	0	19.12	19.32	19.15	20	1
1.4	16QAM	1	0	19.15	19.28	19.14	20	1
1.4	16QAM	1	3	19.02	19.12	19.04		
1.4	16QAM	1	5	19.18	19.29	19.16		
1.4	16QAM	3	0	19.22	19.26	19.09		
1.4	16QAM	3	1	19.00	19.15	19.12		
1.4	16QAM	3	3	19.02	19.13	19.05		
1.4	16QAM	6	0	18.27	18.34	18.31	19	2
1.4	64QAM	1	0	18.23	18.32	18.12	19	2
1.4	64QAM	1	3	18.14	18.23	18.12		
1.4	64QAM	1	5	18.20	18.29	18.23		
1.4	64QAM	3	0	18.05	18.20	18.07		
1.4	64QAM	3	1	18.12	18.16	18.10		
1.4	64QAM	3	3	17.90	18.04	17.96		
1.4	64QAM	6	0	17.19	17.36	17.22	18	3
1.4	256QAM	1	0	15.28	15.34	15.28	16	5
1.4	256QAM	1	3	15.19	15.32	15.25		
1.4	256QAM	1	5	15.06	15.22	15.06		
1.4	256QAM	3	0	15.17	15.27	15.23		
1.4	256QAM	3	1	15.11	15.28	15.10		
1.4	256QAM	3	3	15.14	15.10	15.06		
1.4	256QAM	6	0	15.08	15.27	15.05	16	5

Band 38 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.63	20.70	20.57		
20	QPSK	1	49	20.60	20.65	20.53	22	0
20	QPSK	1	99	20.52	20.58	20.48		
20	QPSK	50	0	19.56	19.61	19.50		
20	QPSK	50	24	19.42	19.56	19.40	21	1
20	QPSK	50	50	19.38	19.49	19.34		
20	QPSK	100	0	19.44	19.57	19.51		
20	16QAM	1	0	19.42	19.52	19.39		
20	16QAM	1	49	19.33	19.47	19.42	21	1
20	16QAM	1	99	19.30	19.40	19.35		
20	16QAM	50	0	18.45	18.55	18.47		
20	16QAM	50	24	18.43	18.50	18.39	20	2
20	16QAM	50	50	18.35	18.43	18.39		
20	16QAM	100	0	18.46	18.49	18.45		
20	64QAM	1	0	18.33	18.45	18.35		
20	64QAM	1	49	18.31	18.40	18.32	20	2
20	64QAM	1	99	18.26	18.33	18.26		
20	64QAM	50	0	17.41	17.46	17.35		
20	64QAM	50	24	17.33	17.41	17.27	19	3
20	64QAM	50	50	17.30	17.34	17.19		
20	64QAM	100	0	17.32	17.43	17.38		
20	256QAM	1	0	15.45	15.51	15.40		
20	256QAM	1	49	15.35	15.46	15.31	17	5
20	256QAM	1	99	15.34	15.39	15.28		
20	256QAM	50	0	15.44	15.48	15.42		
20	256QAM	50	24	15.35	15.43	15.31	17	5
20	256QAM	50	50	15.30	15.36	15.25		
20	256QAM	100	0	15.38	15.44	15.29		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	20.50	20.62	20.50		
15	QPSK	1	37	20.55	20.58	20.40	22	0
15	QPSK	1	74	20.42	20.54	20.35		
15	QPSK	36	0	19.51	19.47	19.36		
15	QPSK	36	20	19.29	19.51	19.35	21	1
15	QPSK	36	39	19.33	19.35	19.21		
15	QPSK	75	0	19.33	19.49	19.39		
15	16QAM	1	0	19.31	19.47	19.34		
15	16QAM	1	37	19.30	19.35	19.37	21	1
15	16QAM	1	74	19.16	19.31	19.24		
15	16QAM	36	0	18.39	18.49	18.39		
15	16QAM	36	20	18.40	18.41	18.31	20	2
15	16QAM	36	39	18.31	18.35	18.26		
15	16QAM	75	0	18.37	18.44	18.39		
15	64QAM	1	0	18.26	18.37	18.26		
15	64QAM	1	37	18.25	18.29	18.20	20	2
15	64QAM	1	74	18.16	18.22	18.13		
15	64QAM	36	0	17.37	17.35	17.24		
15	64QAM	36	20	17.28	17.34	17.21	19	3
15	64QAM	36	39	17.15	17.24	17.13		
15	64QAM	75	0	17.22	17.37	17.29		
15	256QAM	1	0	15.38	15.38	15.32		
15	256QAM	1	37	15.22	15.40	15.21	17	5
15	256QAM	1	74	15.25	15.33	15.22		
15	256QAM	36	0	15.31	15.35	15.37		
15	256QAM	36	20	15.21	15.36	15.28	17	5
15	256QAM	36	39	15.20	15.24	15.16		
15	256QAM	75	0	15.27	15.36	15.19		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	20.50	20.59	20.52		
10	QPSK	1	25	20.51	20.55	20.42	22	0
10	QPSK	1	49	20.42	20.48	20.34		
10	QPSK	25	0	19.44	19.51	19.41		
10	QPSK	25	12	19.36	19.47	19.39	21	1
10	QPSK	25	25	19.27	19.38	19.30		
10	QPSK	50	0	19.36	19.48	19.48		
10	16QAM	1	0	19.30	19.44	19.30		
10	16QAM	1	25	19.29	19.35	19.36	21	1
10	16QAM	1	49	19.21	19.28	19.28		
10	16QAM	25	0	18.35	18.42	18.35		
10	16QAM	25	12	18.40	18.42	18.26	20	2
10	16QAM	25	25	18.29	18.31	18.32		
10	16QAM	50	0	18.37	18.37	18.32		
10	64QAM	1	0	18.29	18.31	18.21		
10	64QAM	1	25	18.18	18.32	18.27	20	2
10	64QAM	1	49	18.16	18.22	18.19		
10	64QAM	25	0	17.32	17.36	17.22		
10	64QAM	25	12	17.28	17.30	17.23	19	3
10	64QAM	25	25	17.21	17.22	17.15		
10	64QAM	50	0	17.29	17.31	17.25		
10	256QAM	1	0	15.31	15.37	15.30		
10	256QAM	1	25	15.21	15.33	15.27	17	5
10	256QAM	1	49	15.30	15.29	15.14		
10	256QAM	25	0	15.29	15.45	15.32		
10	256QAM	25	12	15.28	15.32	15.17	17	5
10	256QAM	25	25	15.27	15.31	15.14		
10	256QAM	50	0	15.25	15.40	15.22		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	20.54	20.57	20.43		
5	QPSK	1	12	20.48	20.55	20.46	22	0
5	QPSK	1	24	20.39	20.49	20.40		
5	QPSK	12	0	19.41	19.58	19.45		
5	QPSK	12	7	19.29	19.48	19.36	21	1
5	QPSK	12	13	19.24	19.41	19.27		
5	QPSK	25	0	19.32	19.49	19.42		
5	16QAM	1	0	19.34	19.48	19.25		
5	16QAM	1	12	19.28	19.35	19.29	21	1
5	16QAM	1	24	19.16	19.37	19.26		
5	16QAM	12	0	18.42	18.42	18.42		
5	16QAM	12	7	18.34	18.36	18.30	20	2
5	16QAM	12	13	18.27	18.35	18.27		
5	16QAM	25	0	18.34	18.38	18.40		
5	64QAM	1	0	18.23	18.34	18.22		
5	64QAM	1	12	18.26	18.27	18.27	20	2
5	64QAM	1	24	18.18	18.30	18.13		
5	64QAM	12	0	17.29	17.43	17.24		
5	64QAM	12	7	17.22	17.37	17.18	19	3
5	64QAM	12	13	17.26	17.23	17.07		
5	64QAM	25	0	17.25	17.36	17.25		
5	256QAM	1	0	15.32	15.48	15.36		
5	256QAM	1	12	15.26	15.36	15.26	17	5
5	256QAM	1	24	15.24	15.32	15.21		
5	256QAM	12	0	15.33	15.44	15.35		
5	256QAM	12	7	15.28	15.33	15.19	17	5
5	256QAM	12	13	15.21	15.27	15.20		
5	256QAM	25	0	15.27	15.38	15.16		

Band 41 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.58	20.65	20.77	20.71	20.63		
20	QPSK	1	49	20.54	20.63	20.72	20.68	20.58	22	0
20	QPSK	1	99	20.49	20.53	20.65	20.50	20.54		
20	QPSK	50	0	19.62	19.62	19.74	19.64	19.69		
20	QPSK	50	24	19.57	19.63	19.69	19.58	19.54	21	1
20	QPSK	50	50	19.51	19.50	19.62	19.47	19.52		
20	QPSK	100	0	19.53	19.59	19.66	19.57	19.59		
20	16QAM	1	0	19.45	19.46	19.58	19.48	19.48		
20	16QAM	1	49	19.35	19.40	19.53	19.44	19.41	21	1
20	16QAM	1	99	19.35	19.34	19.46	19.43	19.32		
20	16QAM	50	0	18.52	18.59	18.70	18.61	18.55		
20	16QAM	50	24	18.50	18.51	18.65	18.56	18.52	20	2
20	16QAM	50	50	18.46	18.49	18.58	18.47	18.53		
20	16QAM	100	0	18.49	18.57	18.64	18.51	18.57		
20	64QAM	1	0	18.46	18.55	18.61	18.48	18.56		
20	64QAM	1	49	18.38	18.42	18.58	18.50	18.45	20	2
20	64QAM	1	99	18.29	18.38	18.49	18.38	18.45		
20	64QAM	50	0	17.53	17.55	17.66	17.55	17.52		
20	64QAM	50	24	17.43	17.55	17.61	17.48	17.56	19	3
20	64QAM	50	50	17.38	17.39	17.54	17.47	17.43		
20	64QAM	100	0	17.50	17.47	17.60	17.48	17.54		
20	256QAM	1	0	15.60	15.67	15.77	15.73	15.70		
20	256QAM	1	49	15.59	15.59	15.72	15.68	15.65	17	5
20	256QAM	1	99	15.47	15.56	15.65	15.50	15.56		
20	256QAM	50	0	15.62	15.61	15.72	15.57	15.62		
20	256QAM	50	24	15.56	15.55	15.67	15.60	15.55	17	5
20	256QAM	50	50	15.45	15.49	15.60	15.48	15.56		
20	256QAM	100	0	15.47	15.50	15.64	15.50	15.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	20.48	20.54	20.73	20.61	20.50		
15	QPSK	1	37	20.43	20.50	20.59	20.60	20.55	22.00	0
15	QPSK	1	74	20.41	20.44	20.61	20.35	20.47		
15	QPSK	36	0	19.55	19.54	19.67	19.59	19.54		
15	QPSK	36	20	19.50	19.57	19.60	19.45	19.49	21	1
15	QPSK	36	39	19.42	19.38	19.56	19.36	19.47		
15	QPSK	75	0	19.42	19.56	19.62	19.43	19.46		
15	16QAM	1	0	19.34	19.43	19.44	19.35	19.34		
15	16QAM	1	37	19.32	19.29	19.45	19.34	19.28	21	1
15	16QAM	1	74	19.23	19.23	19.33	19.35	19.25		
15	16QAM	36	0	18.38	18.50	18.61	18.57	18.48		
15	16QAM	36	20	18.36	18.47	18.54	18.51	18.45	20	2
15	16QAM	36	39	18.34	18.38	18.46	18.39	18.47		
15	16QAM	75	0	18.38	18.48	18.51	18.41	18.47		
15	64QAM	1	0	18.39	18.48	18.58	18.38	18.50		
15	64QAM	1	37	18.30	18.30	18.50	18.44	18.36	20	2
15	64QAM	1	74	18.17	18.25	18.37	18.35	18.32		
15	64QAM	36	0	17.41	17.43	17.58	17.48	17.49		
15	64QAM	36	20	17.33	17.43	17.54	17.38	17.45	19	3
15	64QAM	36	39	17.24	17.27	17.49	17.40	17.36		
15	64QAM	75	0	17.39	17.37	17.45	17.42	17.39		
15	256QAM	1	0	15.52	15.62	15.70	15.64	15.64		
15	256QAM	1	37	15.45	15.48	15.63	15.56	15.55	17	5
15	256QAM	1	74	15.34	15.44	15.54	15.44	15.46		
15	256QAM	36	0	15.48	15.53	15.65	15.53	15.58		
15	256QAM	36	20	15.51	15.47	15.53	15.48	15.47	17	5
15	256QAM	36	39	15.38	15.41	15.50	15.40	15.47		
15	256QAM	75	0	15.36	15.46	15.57	15.44	15.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	20.51	20.58	20.71	20.56	20.54		
10	QPSK	1	25	20.45	20.49	20.57	20.63	20.54	22.00	0
10	QPSK	1	49	20.36	20.39	20.56	20.41	20.48		
10	QPSK	25	0	19.59	19.54	19.70	19.57	19.55		
10	QPSK	25	12	19.45	19.52	19.58	19.54	19.49	21	1
10	QPSK	25	25	19.36	19.42	19.59	19.40	19.38		
10	QPSK	50	0	19.40	19.53	19.57	19.42	19.49		
10	16QAM	1	0	19.40	19.32	19.53	19.36	19.43		
10	16QAM	1	25	19.24	19.34	19.47	19.34	19.34	21	1
10	16QAM	1	49	19.25	19.28	19.32	19.40	19.19		
10	16QAM	25	0	18.45	18.53	18.62	18.48	18.45		
10	16QAM	25	12	18.45	18.42	18.56	18.49	18.45	20	2
10	16QAM	25	25	18.32	18.42	18.52	18.36	18.43		
10	16QAM	50	0	18.40	18.44	18.50	18.39	18.48		
10	64QAM	1	0	18.42	18.42	18.52	18.40	18.43		
10	64QAM	1	25	18.30	18.28	18.48	18.45	18.31	20	2
10	64QAM	1	49	18.16	18.34	18.38	18.29	18.41		
10	64QAM	25	0	17.41	17.41	17.61	17.45	17.38		
10	64QAM	25	12	17.36	17.42	17.55	17.44	17.46	19	3
10	64QAM	25	25	17.28	17.27	17.46	17.38	17.38		
10	64QAM	50	0	17.35	17.40	17.46	17.43	17.39		
10	256QAM	1	0	15.51	15.62	15.64	15.66	15.57		
10	256QAM	1	25	15.49	15.52	15.61	15.54	15.53	17	5
10	256QAM	1	49	15.36	15.45	15.51	15.44	15.50		
10	256QAM	25	0	15.57	15.52	15.61	15.52	15.58		
10	256QAM	25	12	15.44	15.51	15.55	15.48	15.40	17	5
10	256QAM	25	25	15.36	15.41	15.52	15.36	15.44		
10	256QAM	50	0	15.42	15.45	15.52	15.39	15.43		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	20.49	20.55	20.66	20.62	20.59		
5	QPSK	1	12	20.45	20.49	20.63	20.56	20.50	22.00	0
5	QPSK	1	24	20.41	20.40	20.55	20.36	20.43		
5	QPSK	12	0	19.48	19.42	19.63	19.51	19.63		
5	QPSK	12	7	19.52	19.51	19.55	19.55	19.45	21	1
5	QPSK	12	13	19.36	19.39	19.55	19.34	19.48		
5	QPSK	25	0	19.49	19.52	19.56	19.52	19.45		
5	16QAM	1	0	19.37	19.35	19.44	19.38	19.39		
5	16QAM	1	12	19.28	19.26	19.45	19.34	19.27	21	1
5	16QAM	1	24	19.26	19.22	19.39	19.36	19.26		
5	16QAM	12	0	18.45	18.48	18.59	18.52	18.52		
5	16QAM	12	7	18.38	18.39	18.54	18.49	18.45	20	2
5	16QAM	12	13	18.35	18.39	18.47	18.39	18.44		
5	16QAM	25	0	18.42	18.47	18.58	18.39	18.46		
5	64QAM	1	0	18.36	18.41	18.56	18.44	18.47		
5	64QAM	1	12	18.29	18.31	18.50	18.46	18.35	20	2
5	64QAM	1	24	18.20	18.34	18.46	18.26	18.31		
5	64QAM	12	0	17.41	17.44	17.60	17.41	17.39		
5	64QAM	12	7	17.30	17.46	17.57	17.36	17.45	19	3
5	64QAM	12	13	17.31	17.25	17.40	17.39	17.39		
5	64QAM	25	0	17.39	17.42	17.55	17.38	17.46		
5	256QAM	1	0	15.54	15.63	15.63	15.67	15.59		
5	256QAM	1	12	15.44	15.54	15.69	15.63	15.59	17	5
5	256QAM	1	24	15.34	15.49	15.60	15.44	15.42		
5	256QAM	12	0	15.53	15.52	15.69	15.43	15.56		
5	256QAM	12	7	15.52	15.41	15.55	15.47	15.47	17	5
5	256QAM	12	13	15.35	15.39	15.53	15.40	15.43		
5	256QAM	25	0	15.33	15.40	15.49	15.37	15.45		

Band 41 HPUE Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.57	23.61	23.76	23.74	23.68		
20	QPSK	1	49	23.56	23.61	23.67	23.64	23.53	25	0
20	QPSK	1	99	23.47	23.47	23.70	23.47	23.50		
20	QPSK	50	0	22.65	22.59	22.74	22.63	22.67		
20	QPSK	50	24	22.57	22.62	22.70	22.61	22.49	24	1
20	QPSK	50	50	22.52	22.49	22.67	22.52	22.48		
20	QPSK	100	0	22.56	22.54	22.70	22.61	22.55		
20	16QAM	1	0	22.51	22.51	22.62	22.48	22.51		
20	16QAM	1	49	22.33	22.41	22.52	22.46	22.43	24	1
20	16QAM	1	99	22.37	22.30	22.45	22.42	22.27		
20	16QAM	50	0	21.53	21.64	21.75	21.60	21.50		
20	16QAM	50	24	21.52	21.50	21.68	21.58	21.50	23	2
20	16QAM	50	50	21.47	21.45	21.60	21.49	21.49		
20	16QAM	100	0	21.47	21.62	21.61	21.56	21.59		
20	64QAM	1	0	21.45	21.51	21.59	21.46	21.58		
20	64QAM	1	49	21.41	21.37	21.53	21.53	21.44	23	2
20	64QAM	1	99	21.32	21.42	21.48	21.42	21.41		
20	64QAM	50	0	20.58	20.55	20.62	20.54	20.52		
20	64QAM	50	24	20.42	20.49	20.60	20.46	20.51	22	3
20	64QAM	50	50	20.42	20.39	20.55	20.44	20.43		
20	64QAM	100	0	20.53	20.51	20.64	20.44	20.54		
20	256QAM	1	0	18.57	18.67	18.82	18.68	18.64		
20	256QAM	1	49	18.60	18.64	18.71	18.68	18.66	20	5
20	256QAM	1	99	18.42	18.55	18.64	18.52	18.53		
20	256QAM	50	0	18.58	18.59	18.73	18.52	18.61		
20	256QAM	50	24	18.56	18.53	18.64	18.55	18.50	20	5
20	256QAM	50	50	18.42	18.54	18.56	18.49	18.59		
20	256QAM	100	0	18.48	18.52	18.62	18.46	18.61		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	23.52	23.54	23.63	23.61	23.58		
15	QPSK	1	37	23.41	23.46	23.52	23.51	23.39	25.00	0
15	QPSK	1	74	23.37	23.38	23.63	23.34	23.39		
15	QPSK	36	0	22.60	22.47	22.60	22.53	22.59		
15	QPSK	36	20	22.50	22.53	22.59	22.49	22.43	24	1
15	QPSK	36	39	22.46	22.44	22.62	22.42	22.38		
15	QPSK	75	0	22.43	22.50	22.57	22.52	22.45		
15	16QAM	1	0	22.36	22.41	22.52	22.38	22.35		
15	16QAM	1	37	22.20	22.36	22.40	22.33	22.35	24	1
15	16QAM	1	74	22.26	22.19	22.38	22.32	22.17		
15	16QAM	36	0	21.46	21.51	21.61	21.45	21.43		
15	16QAM	36	20	21.45	21.34	21.55	21.46	21.40	23	2
15	16QAM	36	39	21.34	21.33	21.47	21.37	21.39		
15	16QAM	75	0	21.35	21.47	21.48	21.47	21.45		
15	64QAM	1	0	21.34	21.36	21.46	21.36	21.54		
15	64QAM	1	37	21.32	21.33	21.38	21.47	21.40	23	2
15	64QAM	1	74	21.23	21.33	21.34	21.29	21.27		
15	64QAM	36	0	20.52	20.46	20.51	20.39	20.42		
15	64QAM	36	20	20.37	20.34	20.50	20.32	20.38	22	3
15	64QAM	36	39	20.36	20.34	20.46	20.30	20.38		
15	64QAM	75	0	20.37	20.39	20.55	20.32	20.43		
15	256QAM	1	0	18.45	18.61	18.76	18.60	18.50		
15	256QAM	1	37	18.54	18.49	18.56	18.60	18.57	20	5
15	256QAM	1	74	18.28	18.47	18.56	18.45	18.44		
15	256QAM	36	0	18.42	18.46	18.66	18.48	18.56		
15	256QAM	36	20	18.49	18.46	18.58	18.44	18.45	20	5
15	256QAM	36	39	18.26	18.48	18.50	18.38	18.45		
15	256QAM	75	0	18.34	18.48	18.55	18.38	18.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.51	23.51	23.70	23.69	23.54		
10	QPSK	1	25	23.42	23.55	23.57	23.48	23.39	25.00	0
10	QPSK	1	49	23.32	23.37	23.62	23.40	23.37		
10	QPSK	25	0	22.52	22.52	22.64	22.55	22.54		
10	QPSK	25	12	22.51	22.58	22.56	22.47	22.41	24	1
10	QPSK	25	25	22.44	22.40	22.58	22.47	22.41		
10	QPSK	50	0	22.46	22.41	22.64	22.55	22.47		
10	16QAM	1	0	22.38	22.47	22.55	22.43	22.44		
10	16QAM	1	25	22.21	22.30	22.42	22.36	22.36	24	1
10	16QAM	1	49	22.24	22.19	22.30	22.29	22.12		
10	16QAM	25	0	21.43	21.57	21.59	21.54	21.45		
10	16QAM	25	12	21.36	21.44	21.54	21.48	21.43	23	2
10	16QAM	25	25	21.36	21.33	21.44	21.34	21.34		
10	16QAM	50	0	21.36	21.56	21.46	21.43	21.54		
10	64QAM	1	0	21.30	21.45	21.49	21.38	21.54		
10	64QAM	1	25	21.28	21.24	21.48	21.49	21.40	23	2
10	64QAM	1	49	21.17	21.30	21.38	21.37	21.34		
10	64QAM	25	0	20.45	20.40	20.

Band 42 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.62	20.74	20.67		
20	QPSK	1	49	20.60	20.72	20.64	22	0
20	QPSK	1	99	20.56	20.65	20.52		
20	QPSK	50	0	19.70	19.74	19.70		
20	QPSK	50	24	19.61	19.69	19.60	21	1
20	QPSK	50	50	19.55	19.62	19.53		
20	QPSK	100	0	19.59	19.66	19.53		
20	16QAM	1	0	19.53	19.58	19.47		
20	16QAM	1	49	19.40	19.53	19.42	21	1
20	16QAM	1	99	19.38	19.46	19.37		
20	16QAM	50	0	18.59	18.70	18.61		
20	16QAM	50	24	18.55	18.65	18.53	20	2
20	16QAM	50	50	18.54	18.58	18.55		
20	16QAM	100	0	18.55	18.64	18.54		
20	64QAM	1	0	18.52	18.61	18.51		
20	64QAM	1	49	18.50	18.56	18.49	20	2
20	64QAM	1	99	18.43	18.49	18.43		
20	64QAM	50	0	17.55	17.66	17.54		
20	64QAM	50	24	17.48	17.61	17.48	19	3
20	64QAM	50	50	17.39	17.54	17.45		
20	64QAM	100	0	17.50	17.60	17.55		
20	256QAM	1	0	15.69	15.77	15.68		
20	256QAM	1	49	15.61	15.72	15.68	17	5
20	256QAM	1	99	15.57	15.65	15.57		
20	256QAM	50	0	15.69	15.72	15.57		
20	256QAM	50	24	15.56	15.67	15.59	17	5
20	256QAM	50	50	15.53	15.60	15.47		
20	256QAM	100	0	15.60	15.64	15.58		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	20.56	20.61	20.54		
15	QPSK	1	37	20.50	20.58	20.55	22	0
15	QPSK	1	74	20.43	20.58	20.47		
15	QPSK	36	0	19.60	19.68	19.65		
15	QPSK	36	20	19.52	19.54	19.54	21	1
15	QPSK	36	39	19.41	19.54	19.46		
15	QPSK	75	0	19.44	19.58	19.44		
15	16QAM	1	0	19.40	19.44	19.33		
15	16QAM	1	37	19.37	19.42	19.29	21	1
15	16QAM	1	74	19.25	19.42	19.28		
15	16QAM	36	0	18.48	18.57	18.46		
15	16QAM	36	20	18.46	18.52	18.38	20	2
15	16QAM	36	39	18.44	18.51	18.46		
15	16QAM	75	0	18.48	18.53	18.43		
15	64QAM	1	0	18.47	18.57	18.44		
15	64QAM	1	37	18.37	18.49	18.38	20	2
15	64QAM	1	74	18.30	18.40	18.35		
15	64QAM	36	0	17.52	17.59	17.47		
15	64QAM	36	20	17.41	17.54	17.41	19	3
15	64QAM	36	39	17.24	17.42	17.35		
15	64QAM	75	0	17.39	17.46	17.47		
15	256QAM	1	0	15.66	15.64	15.61		
15	256QAM	1	37	15.56	15.57	15.60	17	5
15	256QAM	1	74	15.53	15.54	15.49		
15	256QAM	36	0	15.63	15.60	15.45		
15	256QAM	36	20	15.46	15.64	15.49	17	5
15	256QAM	36	39	15.45	15.56	15.38		
15	256QAM	75	0	15.46	15.51	15.54		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	20.54	20.69	20.56		
10	QPSK	1	25	20.52	20.58	20.50	22	0
10	QPSK	1	49	20.53	20.51	20.38		
10	QPSK	25	0	19.59	19.67	19.55		
10	QPSK	25	12	19.52	19.54	19.56	21	1
10	QPSK	25	25	19.50	19.53	19.40		
10	QPSK	50	0	19.50	19.55	19.48		
10	16QAM	1	0	19.38	19.50	19.43		
10	16QAM	1	25	19.33	19.48	19.29	21	1
10	16QAM	1	49	19.25	19.34	19.32		
10	16QAM	25	0	18.52	18.58	18.52		
10	16QAM	25	12	18.51	18.60	18.44	20	2
10	16QAM	25	25	18.41	18.54	18.40		
10	16QAM	50	0	18.40	18.52	18.40		
10	64QAM	1	0	18.49	18.52	18.40		
10	64QAM	1	25	18.42	18.47	18.37	20	2
10	64QAM	1	49	18.39	18.42	18.36		
10	64QAM	25	0	17.44	17.56	17.40		
10	64QAM	25	12	17.37	17.51	17.43	19	3
10	64QAM	25	25	17.31	17.41	17.35		
10	64QAM	50	0	17.43	17.57	17.41		
10	256QAM	1	0	15.59	15.71	15.60		
10	256QAM	1	25	15.56	15.67	15.58	17	5
10	256QAM	1	49	15.44	15.60	15.44		
10	256QAM	25	0	15.58	15.68	15.54		
10	256QAM	25	12	15.47	15.63	15.48	17	5
10	256QAM	25	25	15.40	15.46	15.39		
10	256QAM	50	0	15.54	15.53	15.43		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	20.50	20.65	20.62		
5	QPSK	1	12	20.48	20.59	20.54	22	0
5	QPSK	1	24	20.52	20.54	20.43		
5	QPSK	12	0	19.58	19.68	19.64		
5	QPSK	12	7	19.47	19.61	19.47	21	1
5	QPSK	12	13	19.42	19.54	19.39		
5	QPSK	25	0	19.54	19.56	19.45		
5	16QAM	1	0	19.46	19.44	19.37		
5	16QAM	1	12	19.26	19.40	19.38	21	1
5	16QAM	1	24	19.29	19.35	19.23		
5	16QAM	12	0	18.45	18.65	18.57		
5	16QAM	12	7	18.49	18.58	18.49	20	2
5	16QAM	12	13	18.42	18.53	18.50		
5	16QAM	25	0	18.50	18.57	18.50		
5	64QAM	1	0	18.40	18.46	18.38		
5	64QAM	1	12	18.43	18.44	18.39	20	2
5	64QAM	1	24	18.29	18.37	18.32		
5	64QAM	12	0	17.43	17.58	17.45		
5	64QAM	12	7	17.40	17.55	17.44	19	3
5	64QAM	12	13	17.35	17.50	17.34		
5	64QAM	25	0	17.46	17.46	17.44		
5	256QAM	1	0	15.62	15.67	15.59		
5	256QAM	1	12	15.52	15.64	15.53	17	5
5	256QAM	1	24	15.44	15.55	15.50		
5	256QAM	12	0	15.59	15.61	15.53		
5	256QAM	12	7	15.51	15.57	15.48	17	5
5	256QAM	12	13	15.50	15.51	15.43		
5	256QAM	25	0	15.57	15.55	15.51		

Band 42 Part 96 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3660	3675	3690		
20	QPSK	1	0	20.44	20.61	20.51		
20	QPSK	1	49	20.50	20.58	20.54	22	0
20	QPSK	1	99	20.38	20.52	20.41		
20	QPSK	50	0	19.52	19.68	19.53		
20	QPSK	50	24	19.44	19.60	19.57	21	1
20	QPSK	50	50	19.40	19.47	19.41		
20	QPSK	100	0	19.52	19.54	19.44		
20	16QAM	1	0	19.39	19.43	19.37		
20	16QAM	1	49	19.26	19.40	19.37	21	1
20	16QAM	1	99	19.33	19.32	19.23		
20	16QAM	50	0	18.57	18.54	18.57		
20	16QAM	50	24	18.47	18.52	18.48	20	2
20	16QAM	50	50	18.38	18.41	18.48		
20	16QAM	100	0	18.42	18.53	18.40		
20	64QAM	1	0	18.42	18.51	18.34		
20	64QAM	1	49	18.36	18.52	18.36	20	2
20	64QAM	1	99	18.26	18.31	18.32		
20	64QAM	50	0	17.41	17.60	17.50		
20	64QAM	50	24	17.32	17.58	17.41	19	3
20	64QAM	50	50	17.29	17.52	17.39		
20	64QAM	100	0	17.43	17.55	17.43		
20	256QAM	1	0	15.66	15.64	15.63		
20	256QAM	1	49	15.55	15.54	15.52	17	5
20	256QAM	1	99	15.49	15.62	15.42		
20	256QAM	50	0	15.60	15.62	15.52		
20	256QAM	50	24	15.49	15.59	15.50	17	5
20	256QAM	50	50	15.45	15.43	15.43		
20	256QAM	100	0	15.48	15.49	15.51		
Channel				43165	43340	43515	Tune-up limit	MPR
Frequency (MHz)				3657.5	3675	3692.5	(dBm)	(dB)
15	QPSK	1	0	20.40	20.57	20.38		
15	QPSK	1	37	20.35	20.53	20.40	22	0
15	QPSK	1	74	20.36	20.43	20.37		
15	QPSK	36	0	19.45	19.56	19.46		
15	QPSK	36	20	19.29	19.55	19.45	21	1
15	QPSK	36	39	19.29	19.44	19.39		
15	QPSK	75	0	19.49	19.46	19.37		
15	16QAM	1	0	19.32	19.31	19.33		
15	16QAM	1	37	19.20	19.27	19.35	21	1
15	16QAM	1	74	19.22	19.23	19.15		
15	16QAM	36	0	18.46	18.45	18.52		
15	16QAM	36	20	18.42	18.38	18.45	20	2
15	16QAM	36	39	18.29	18.31	18.35		
15	16QAM	75	0	18.28	18.39	18.27		
15	64QAM	1	0	18.33	18.39	18.28		
15	64QAM	1	37	18.32	18.48	18.24	20	2
15	64QAM	1	74	18.18	18.23	18.24		
15	64QAM	36	0	17.37	17.46	17.36		
15	64QAM	36	20	17.15	17.57	17.30	19	3
15	64QAM	36	39	17.22	17.37	17.26		
15	64QAM	75	0	17.35	17.51	17.39		
15	256QAM	1	0	15.52	15.51	15.58		
15	256QAM	1	37	15.38	15.50	15.41	17	5
15	256QAM	1	74	15.34	15.49	15.37		
15	256QAM	36	0	15.43	15.51	15.50		
15	256QAM	36	20	15.40	15.57	15.47	17	5
15	256QAM	36	39	15.30	15.32	15.37		
15	256QAM	75	0	15.46	15.32	15.46		
Channel				43140	43340	43540	Tune-up limit	MPR
Frequency (MHz)				3655	3675	3695	(dBm)	(dB)
10	QPSK	1	0	20.30	20.59	20.46		
10	QPSK	1	25	20.46	20.52	20.39	22	0
10	QPSK	1	49	20.28	20.35	20.34		
10	QPSK	25	0	19.37	19.56	19.51		
10	QPSK	25	12	19.41	19.46	19.55	21	1
10	QPSK	25	25	19.39	19.34	19.32		
10	QPSK	50	0	19.42	19.48	19.35		
10	16QAM	1	0	19.28	19.31	19.26		
10	16QAM	1	25	19.11	19.26	19.28	21	1
10	16QAM	1	49	19.20	19.17	19.18		
10	16QAM	25	0	18.44	18.46	18.49		
10	16QAM	25	12	18.39	18.36	18.36	20	2
10	16QAM	25	25	18.30	18.24	18.36		
10	16QAM	50	0	18.26	18.37	18.31		
10	64QAM	1	0	18.33	18.42	18.20		
10	64QAM	1	25	18.28	18.45	18.21	20	2
10	64QAM	1	49	18.12	18.29	18.16		
10	64QAM	25	0	17.27	17.48	17.35		
10	64QAM	25	12	17.23	17.43	17.30	19	3
10	64QAM	25	25	17.24	17.44	17.24		
10	64QAM	50	0	17.28	17.45	17.30		
10	256QAM	1	0	15.65	15.51	15.50		
10	256QAM	1	25	15.46	15.46	15.47	17	5
10	256QAM	1	49	15.45	15.58	15.28		
10	256QAM	25	0	15.56	15.49	15.41		
10	256QAM	25	12	15.33	15.46	15.43	17	5
10	256QAM	25	25	15.41	15.38	15.32		
10	256QAM	50	0	15.37	15.45	15.44		
Channel				43115	43340	43565	Tune-up limit	MPR
Frequency (MHz)				3652.5	3675	3697.5	(dBm)	(dB)
5	QPSK	1	0	20.42	20.59	20.41		
5	QPSK	1	12	20.37	20.56	20.38	22	0
5	QPSK	1	24	20.29	20.50	20.27		
5	QPSK	12	0	19.46	19.55	19.50		
5	QPSK	12	7	19.37	19.45	19.47	21	1
5	QPSK	12	13	19.32	19.40	19.34		
5	QPSK	25	0	19.42	19.48	19.35		
5	16QAM	1	0	19.28	19.27	19.24		
5	16QAM	1	12	19.16	19.24	19.35	21	1
5	16QAM	1	24	19.26	19.28	19.07		
5	16QAM	12	0	18.46	18.37	18.48		
5	16QAM	12	7	18.36	18.35	18.43	20	2
5	16QAM	12	13	18.34	18.37	18.43		
5	16QAM	25	0	18.32	18.51	18.29		
5	64QAM	1	0	18.36	18.42	18.31		
5	64QAM	1	12	18.29	18.36	18.25	20	2
5	64QAM	1	24	18.12	18.18	18.15		
5	64QAM	12	0	17.31	17.48	17.47		
5	64QAM	12	7	17.23	17.47	17.28	19	3
5	64QAM	12	13	17.26	17.39	17.35		
5	64QAM	25	0	17.38	17.51	17.37		
5	256QAM	1	0	15.64	15.54	15.59		
5	256QAM	1	12	15.47	15.41	15.45	17	5
5	256QAM	1	24	15.36	15.53	15.39		
5	256QAM	12	0	15.48	15.49	15.41		
5	256QAM	12	7	15.37	15.53	15.35	17	5
5	256QAM	12	13	15.33	15.29	15.41		
5	256QAM	25	0	15.35	15.38	15.47		

Band 43 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	20.63	20.67	20.55		
20	QPSK	1	49	20.58	20.62	20.52	22	0
20	QPSK	1	99	20.40	20.55	20.44		
20	QPSK	50	0	19.49	19.59	19.47		
20	QPSK	50	24	19.41	19.54	19.49	21	1
20	QPSK	50	50	19.38	19.47	19.41		
20	QPSK	100	0	19.49	19.53	19.45		
20	16QAM	1	0	19.34	19.47	19.41		
20	16QAM	1	49	19.29	19.42	19.33	21	1
20	16QAM	1	99	19.28	19.35	19.24		
20	16QAM	50	0	18.47	18.51	18.37		
20	16QAM	50	24	18.37	18.46	18.40	20	2
20	16QAM	50	50	18.25	18.39	18.24		
20	16QAM	100	0	18.31	18.46	18.38		
20	64QAM	1	0	18.38	18.43	18.36		
20	64QAM	1	49	18.29	18.38	18.34	20	2
20	64QAM	1	99	18.18	18.31	18.23		
20	64QAM	50	0	17.32	17.44	17.36		
20	64QAM	50	24	17.25	17.39	17.28	19	3
20	64QAM	50	50	17.18	17.32	17.25		
20	64QAM	100	0	17.34	17.41	17.29		
20	256QAM	1	0	15.40	15.52	15.44		
20	256QAM	1	49	15.34	15.47	15.40	17	5
20	256QAM	1	99	15.37	15.40	15.32		
20	256QAM	50	0	15.37	15.45	15.33		
20	256QAM	50	24	15.26	15.40	15.32	17	5
20	256QAM	50	50	15.25	15.33	15.29		
20	256QAM	100	0	15.33	15.38	15.27		
Channel				43665	44090	44515	Tune-up limit	MPR
Frequency (MHz)				3607.5	3650	3692.5	(dBm)	(dB)
15	QPSK	1	0	20.57	20.64	20.40		
15	QPSK	1	37	20.45	20.51	20.47	22	0
15	QPSK	1	74	20.30	20.50	20.34		
15	QPSK	36	0	19.35	19.55	19.34		
15	QPSK	36	20	19.28	19.41	19.38	21	1
15	QPSK	36	39	19.32	19.41	19.27		
15	QPSK	75	0	19.37	19.39	19.39		
15	16QAM	1	0	19.27	19.42	19.37		
15	16QAM	1	37	19.17	19.36	19.20	21	1
15	16QAM	1	74	19.14	19.29	19.19		
15	16QAM	36	0	18.37	18.38	18.30		
15	16QAM	36	20	18.28	18.40	18.31	20	2
15	16QAM	36	39	18.19	18.27	18.15		
15	16QAM	75	0	18.28	18.32	18.31		
15	64QAM	1	0	18.33	18.33	18.23		
15	64QAM	1	37	18.21	18.32	18.21	20	2
15	64QAM	1	74	18.11	18.28	18.17		
15	64QAM	36	0	17.28	17.35	17.33		
15	64QAM	36	20	17.18	17.26	17.18	19	3
15	64QAM	36	39	17.10	17.18	17.16		
15	64QAM	75	0	17.27	17.28	17.24		
15	256QAM	1	0	15.26	15.44	15.31		
15	256QAM	1	37	15.30	15.36	15.32	17	5
15	256QAM	1	74	15.33	15.29	15.20		
15	256QAM	36	0	15.26	15.37	15.22		
15	256QAM	36	20	15.20	15.33	15.24	17	5
15	256QAM	36	39	15.18	15.19	15.17		
15	256QAM	75	0	15.22	15.31	15.14		
Channel				43640	44090	44540	Tune-up limit	MPR
Frequency (MHz)				3605	3650	3695	(dBm)	(dB)
10	QPSK	1	0	20.49	20.56	20.52		
10	QPSK	1	25	20.45	20.55	20.45	22	0
10	QPSK	1	49	20.25	20.46	20.33		
10	QPSK	25	0	19.42	19.50	19.43		
10	QPSK	25	12	19.27	19.43	19.37	21	1
10	QPSK	25	25	19.26	19.43	19.37		
10	QPSK	50	0	19.40	19.48	19.34		
10	16QAM	1	0	19.25	19.37	19.36		
10	16QAM	1	25	19.20	19.28	19.26	21	1
10	16QAM	1	49	19.20	19.20	19.16		
10	16QAM	25	0	18.35	18.47	18.23		
10	16QAM	25	12	18.31	18.38	18.35	20	2
10	16QAM	25	25	18.14	18.32	18.13		
10	16QAM	50	0	18.26	18.39	18.29		
10	64QAM	1	0	18.25	18.39	18.28		
10	64QAM	1	25	18.22	18.28	18.24	20	2
10	64QAM	1	49	18.08	18.23	18.11		
10	64QAM	25	0	17.20	17.35	17.25		
10	64QAM	25	12	17.19	17.31	17.25	19	3
10	64QAM	25	25	17.12	17.19	17.22		
10	64QAM	50	0	17.27	17.37	17.22		
10	256QAM	1	0	15.30	15.41	15.38		
10	256QAM	1	25	15.24	15.38	15.27	17	5
10	256QAM	1	49	15.30	15.25	15.23		
10	256QAM	25	0	15.31	15.31	15.29		
10	256QAM	25	12	15.12	15.29	15.22	17	5
10	256QAM	25	25	15.10	15.22	15.25		
10	256QAM	50	0	15.23	15.31	15.17		
Channel				43615	44090	44565	Tune-up limit	MPR
Frequency (MHz)				3602.5	3650	3697.5	(dBm)	(dB)
5	QPSK	1	0	20.55	20.58	20.51		
5	QPSK	1	12	20.51	20.57	20.44	22	0
5	QPSK	1	24	20.35	20.51	20.36		
5	QPSK	12	0	19.36	19.45	19.32		
5	QPSK	12	7	19.34	19.40	19.40	21	1
5	QPSK	12	13	19.25	19.41	19.32		
5	QPSK	25	0	19.41	19.44	19.36		
5	16QAM	1	0	19.28	19.41	19.29		
5	16QAM	1	12	19.21	19.36	19.29	21	1
5	16QAM	1	24	19.25	19.23	19.20		
5	16QAM	12	0	18.41	18.37	18.24		
5	16QAM	12	7	18.23	18.41	18.30	20	2
5	16QAM	12	13	18.16	18.28	18.13		
5	16QAM	25	0	18.20	18.32	18.29		
5	64QAM	1	0	18.32	18.32	18.28		
5	64QAM	1	12	18.18	18.28	18.29	20	2
5	64QAM	1	24	18.12	18.25	18.09		
5	64QAM	12	0	17.20	17.33	17.23		
5	64QAM	12	7	17.15	17.28	17.14	19	3
5	64QAM	12	13	17.05	17.21	17.15		
5	64QAM	25	0	17.24	17.26	17.20		
5	256QAM	1	0	15.34	15.48	15.36		
5	256QAM	1	12	15.29	15.34	15.26	17	5
5	256QAM	1	24	15.25	15.36	15.22		
5	256QAM	12	0	15.26	15.35	15.22		
5	256QAM	12	7	15.22	15.25	15.24	17	5
5	256QAM	12	13	15.12	15.23	15.19		
5	256QAM	25	0	15.27	15.24	15.24		

Band 48 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3640	3689	3641	3690		
20	QPSK	1	0	20.77	20.84	20.71	20.67		
20	QPSK	1	49	20.71	20.79	20.67	20.62	22	0
20	QPSK	1	99	20.69	20.72	20.59	20.58		
20	QPSK	50	0	20.51	20.64	20.54	20.56		
20	QPSK	50	24	20.55	20.59	20.49	20.55	21	1
20	QPSK	50	50	20.43	20.52	20.42	20.39		
20	QPSK	100	0	20.56	20.61	20.54	20.52		
20	16QAM	1	0	20.49	20.59	20.53	20.45		
20	16QAM	1	49	20.49	20.54	20.47	20.43	21	1
20	16QAM	1	99	20.43	20.47	20.35	20.41		
20	16QAM	50	0	19.51	19.63	19.60	19.54		
20	16QAM	50	24	19.54	19.58	19.52	19.44	20	2
20	16QAM	50	50	19.46	19.51	19.41	19.48		
20	16QAM	100	0	19.46	19.58	19.51	19.55		
20	64QAM	1	0	19.49	19.60	19.54	19.45		
20	64QAM	1	49	19.45	19.55	19.41	19.43	20	2
20	64QAM	1	99	19.36	19.48	19.41	19.40		
20	64QAM	50	0	18.70	18.73	18.67	18.69		
20	64QAM	50	24	18.54	18.68	18.64	18.58	19	3
20	64QAM	50	50	18.51	18.61	18.56	18.52		
20	64QAM	100	0	18.61	18.69	18.56	18.56		
20	256QAM	1	0	16.69	16.74	16.61	16.66		
20	256QAM	1	49	16.66	16.69	16.61	16.65	17	5
20	256QAM	1	99	16.52	16.62	16.48	16.53		
20	256QAM	50	0	16.60	16.66	16.57	16.63		
20	256QAM	50	24	16.52	16.61	16.54	16.55	17	5
20	256QAM	50	50	16.39	16.54	16.41	16.44		
20	256QAM	100	0	16.57	16.61	16.50	16.55		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3637.5	3688	3642	3692.5		
15	QPSK	1	0	20.71	20.77	20.62	20.59		
15	QPSK	1	37	20.60	20.69	20.60	20.51	22	0
15	QPSK	1	74	20.60	20.62	20.55	20.49		
15	QPSK	36	0	20.48	20.50	20.48	20.47		
15	QPSK	36	20	20.44	20.49	20.45	20.40	21	1
15	QPSK	36	39	20.33	20.40	20.33	20.32		
15	QPSK	75	0	20.42	20.55	20.43	20.46		
15	16QAM	1	0	20.44	20.55	20.44	20.32		
15	16QAM	1	37	20.40	20.50	20.35	20.36	21	1
15	16QAM	1	74	20.34	20.39	20.21	20.28		
15	16QAM	36	0	19.46	19.51	19.45	19.46		
15	16QAM	36	20	19.48	19.51	19.47	19.30	20	2
15	16QAM	36	39	19.39	19.40	19.26	19.41		
15	16QAM	75	0	19.36	19.51	19.36	19.48		
15	64QAM	1	0	19.36	19.53	19.49	19.33		
15	64QAM	1	37	19.41	19.45	19.33	19.36	20	2
15	64QAM	1	74	19.26	19.41	19.29	19.30		
15	64QAM	36	0	18.55	18.67	18.56	18.59		
15	64QAM	36	20	18.47	18.61	18.61	18.51	19	3
15	64QAM	36	39	18.36	18.58	18.49	18.38		
15	64QAM	75	0	18.54	18.54	18.47	18.44		
15	256QAM	1	0	16.61	16.62	16.57	16.56		
15	256QAM	1	37	16.60	16.65	16.47	16.56	17	5
15	256QAM	1	74	16.42	16.48	16.37	16.44		
15	256QAM	36	0	16.52	16.62	16.54	16.58		
15	256QAM	36	20	16.38	16.50	16.49	16.47	17	5
15	256QAM	36	39	16.36	16.48	16.34	16.35		
15	256QAM	75	0	16.50	16.47	16.43	16.50		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3632	3687.5	3642.5	3695		
10	QPSK	1	0	20.72	20.73	20.64	20.61		
10	QPSK	1	25	20.65	20.66	20.59	20.52	22	0
10	QPSK	1	49	20.59	20.60	20.54	20.52		
10	QPSK	25	0	20.38	20.61	20.47	20.44		
10	QPSK	25	12	20.44	20.56	20.45	20.51	21	1
10	QPSK	25	25	20.37	20.37	20.38	20.29		
10	QPSK	50	0	20.53	20.48	20.50	20.40		
10	16QAM	1	0	20.44	20.51	20.39	20.37		
10	16QAM	1	25	20.40	20.46	20.35	20.33	21	1
10	16QAM	1	49	20.31	20.38	20.29	20.28		
10	16QAM	25	0	19.38	19.50	19.51	19.42		
10	16QAM	25	12	19.41	19.45	19.37	19.37	20	2
10	16QAM	25	25	19.42	19.38	19.28	19.38		
10	16QAM	50	0	19.40	19.47	19.43	19.47		
10	64QAM	1	0	19.42	19.46	19.44	19.38		
10	64QAM	1	25	19.35	19.44	19.35	19.36	20	2
10	64QAM	1	49	19.27	19.33	19.27	19.31		
10	64QAM	25	0	18.64	18.60	18.61	18.62		
10	64QAM	25	12	18.49	18.64	18.54	18.51	19	3
10	64QAM	25	25	18.37	18.48	18.49	18.44		
10	64QAM	50	0	18.47	18.58	18.48	18.50		
10	256QAM	1	0	16.65	16.61	16.58	16.55		
10	256QAM	1	25	16.63	16.58	16.51	16.51	17	5
10	256QAM	1	49	16.40	16.50	16.45	16.41		
10	256QAM	25	0	16.49	16.58	16.42	16.49		
10	256QAM	25	12	16.45	16.51	16.46	16.44	17	5
10	256QAM	25	25	16.36	16.43	16.30	16.31		
10	256QAM	50	0	16.51	16.54	16.43	16.45		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3632.5	3687	3643	3697.5		
5	QPSK	1	0	20.73	20.81	20.57	20.61		
5	QPSK	1	12	20.62	20.64	20.57	20.51	22	0
5	QPSK	1	24	20.60	20.61	20.50	20.51		
5	QPSK	12	0	20.42	20.53	20.48	20.47		
5	QPSK	12	7	20.47	20.52	20.42	20.48	21	1
5	QPSK	12	13	20.31	20.40	20.35	20.34		
5	QPSK	25	0	20.44	20.57	20.44	20.43		
5	16QAM	1	0	20.36	20.46	20.39	20.34		
5	16QAM	1	12	20.39	20.41	20.43	20.30	21	1
5	16QAM	1	24	20.28	20.39	20.24	20.27		
5	16QAM	12	0	19.39	19.54	19.53	19.47		
5	16QAM	12	7	19.40	19.55	19.45	19.34	20	2
5	16QAM	12	13	19.39	19.40	19.31	19.34		
5	16QAM	25	0	19.42	19.48	19.42	19.43		
5	64QAM	1	0	19.35	19.51	19.42	19.40		
5	64QAM	1	12	19.39	19.41	19.34	19.30	20	2
5	64QAM	1	24	19.27	19.37	19.37	19.29		
5	64QAM	12	0	18.56	18.68	18.53	18.55		
5	64QAM	12	7	18.48	18.61	18.58	18.53	19	3
5	64QAM	12	13	18.46	18.56	18.50	18.46		
5	64QAM	25	0	18.47	18.57	18.50	18.42		
5	256QAM	1	0	16.56	16.66	16.56	16.56		
5	256QAM	1	12	16.60	16.55	16.54	16.55	17	5
5	256QAM	1	24	16.45	16.51	16.40	16.38		
5	256QAM	12	0	16.47	16.60	16.54	16.57		
5	256QAM	12	7	16.48	16.53	16.43	16.51	17	5
5	256QAM	12	13	16.30	16.45	16.27	16.32		
5	256QAM	25	0	16.53	16.49	16.44	16.45		

GSM850 Ant 1	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	32.34	32.26	33.50	23.18	23.34	23.26	24.50
GPRS 1 Tx slot	32.23	32.38	32.30	33.50	23.23	23.38	23.30	24.50
GPRS 2 Tx slots	29.48	29.52	29.41	30.50	23.48	23.52	23.41	24.50
GPRS 3 Tx slots	27.74	27.85	27.79	29.00	23.48	23.59	23.53	24.74
GPRS 4 Tx slots	26.27	26.35	26.27	27.00	23.27	23.35	23.27	24.00
EDGE 1 Tx slot	25.13	25.18	25.08	26.00	16.13	16.18	16.08	17.00
EDGE 2 Tx slots	23.21	23.35	23.21	25.00	17.21	17.35	17.21	19.00
EDGE 3 Tx slots	22.19	22.30	22.27	24.00	17.93	18.04	18.01	19.74
EDGE 4 Tx slots	20.02	20.14	20.07	21.00	17.02	17.14	17.07	18.00

GSM1900 Ant 1	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	29.81	29.93	29.89	30.00	20.81	20.93	20.89	21.00
GPRS 1 Tx slot	29.85	29.97	29.93	30.00	20.85	20.97	20.93	21.00
GPRS 2 Tx slots	25.58	25.62	25.50	27.00	19.58	19.62	19.50	21.00
GPRS 3 Tx slots	23.66	23.69	23.61	25.50	19.40	19.43	19.35	21.24
GPRS 4 Tx slots	21.31	21.41	21.28	22.50	18.31	18.41	18.28	19.50
EDGE 1 Tx slot	23.45	23.54	23.51	25.00	14.45	14.54	14.51	16.00
EDGE 2 Tx slots	21.84	21.91	21.79	23.50	15.84	15.91	15.79	17.50
EDGE 3 Tx slots	20.63	20.69	20.56	22.50	16.37	16.43	16.30	18.24
EDGE 4 Tx slots	18.56	18.66	18.62	20.50	15.56	15.66	15.62	17.50

Band		WCDMA V Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.40	22.46	22.30	24.00	22.81	22.89	22.78	24.00
3GPP Rel 99	RMC 12.2Kbps	22.43	22.49	22.37	24.00	22.87	22.96	22.83	24.00
3GPP Rel 6	HSDPA Subtest-1	21.55	21.60	21.37	23.00	21.95	22.02	21.87	23.00
3GPP Rel 6	HSDPA Subtest-2	21.47	21.50	21.47	23.00	21.85	21.86	21.83	23.00
3GPP Rel 6	HSDPA Subtest-3	20.86	21.05	21.00	22.50	21.28	21.46	21.37	22.50
3GPP Rel 6	HSDPA Subtest-4	20.85	21.15	20.90	22.50	21.27	21.52	21.36	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.47	21.68	21.28	23.00	21.94	22.12	21.74	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.42	21.42	21.34	23.00	21.85	21.86	21.70	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.02	20.85	20.93	22.50	21.45	21.28	21.38	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.82	20.75	20.99	22.50	21.26	21.13	21.39	22.50
3GPP Rel 6	HSUPA Subtest-1	21.51	21.56	21.61	23.00	21.90	21.98	22.06	23.00
3GPP Rel 6	HSUPA Subtest-2	19.41	19.49	19.39	21.00	19.87	19.94	19.82	21.00
3GPP Rel 6	HSUPA Subtest-3	20.54	20.48	20.44	22.00	20.92	20.93	20.82	22.00
3GPP Rel 6	HSUPA Subtest-4	19.37	19.45	19.37	21.00	19.77	19.86	19.82	21.00
3GPP Rel 6	HSUPA Subtest-5	21.58	21.32	21.38	23.00	22.04	21.68	21.73	23.00

Band 4 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.63	21.75	21.68		
20	QPSK	1	49	21.59	21.70	21.62	23	0
20	QPSK	1	99	21.54	21.63	21.53		
20	QPSK	50	0	20.95	21.03	20.95		
20	QPSK	50	24	20.92	20.98	20.87	22	1
20	QPSK	50	50	20.78	20.91	20.84		
20	QPSK	100	0	20.93	20.96	20.87		
20	16QAM	1	0	20.75	20.89	20.85		
20	16QAM	1	49	20.76	20.84	20.74	22	1
20	16QAM	1	99	20.65	20.77	20.70		
20	16QAM	50	0	19.89	19.97	19.83		
20	16QAM	50	24	19.83	19.92	19.85	21	2
20	16QAM	50	50	19.74	19.85	19.72		
20	16QAM	100	0	19.89	19.92	19.83		
20	64QAM	1	0	19.75	19.83	19.79		
20	64QAM	1	49	19.65	19.78	19.66	21	2
20	64QAM	1	99	19.56	19.71	19.59		
20	64QAM	50	0	18.90	18.98	18.89		
20	64QAM	50	24	18.83	18.93	18.81	20	3
20	64QAM	50	50	18.74	18.86	18.74		
20	64QAM	100	0	18.77	18.91	18.81		
20	256QAM	1	0	16.92	16.95	16.89		
20	256QAM	1	49	16.82	16.90	16.85	18	5
20	256QAM	1	99	16.70	16.83	16.69		
20	256QAM	50	0	16.72	16.87	16.80		
20	256QAM	50	24	16.73	16.82	16.77	18	5
20	256QAM	50	50	16.67	16.75	16.63		
20	256QAM	100	0	16.76	16.81	16.66		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.56	21.71	21.58		
15	QPSK	1	37	21.54	21.57	21.55	23	0
15	QPSK	1	74	21.45	21.60	21.40		
15	QPSK	36	0	20.80	20.94	20.89		
15	QPSK	36	20	20.83	20.91	20.73	22	1
15	QPSK	36	39	20.70	20.86	20.78		
15	QPSK	75	0	20.79	20.92	20.75		
15	16QAM	1	0	20.72	20.80	20.80		
15	16QAM	1	37	20.64	20.80	20.59	22	1
15	16QAM	1	74	20.51	20.71	20.65		
15	16QAM	36	0	19.84	19.91	19.75		
15	16QAM	36	20	19.70	19.82	19.78	21	2
15	16QAM	36	39	19.70	19.82	19.65		
15	16QAM	75	0	19.82	19.79	19.70		
15	64QAM	1	0	19.70	19.71	19.70		
15	64QAM	1	37	19.53	19.67	19.60	21	2
15	64QAM	1	74	19.48	19.59	19.52		
15	64QAM	36	0	18.80	18.87	18.77		
15	64QAM	36	20	18.77	18.90	18.76	20	3
15	64QAM	36	39	18.64	18.73	18.61		
15	64QAM	75	0	18.74	18.87	18.70		
15	256QAM	1	0	16.81	16.85	16.84		
15	256QAM	1	37	16.76	16.75	16.78	18	5
15	256QAM	1	74	16.62	16.74	16.64		
15	256QAM	36	0	16.62	16.79	16.71		
15	256QAM	36	20	16.63	16.71	16.74	18	5
15	256QAM	36	39	16.61	16.64	16.57		
15	256QAM	75	0	16.63	16.74	16.55		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.49	21.61	21.64		
10	QPSK	1	25	21.53	21.62	21.51	23	0
10	QPSK	1	49	21.42	21.57	21.41		
10	QPSK	25	0	20.85	20.90	20.88		
10	QPSK	25	12	20.85	20.91	20.75	22	1
10	QPSK	25	25	20.65	20.79	20.77		
10	QPSK	50	0	20.89	20.83	20.81		
10	16QAM	1	0	20.71	20.84	20.78		
10	16QAM	1	25	20.64	20.76	20.61	22	1
10	16QAM	1	49	20.53	20.62	20.60		
10	16QAM	25	0	19.78	19.91	19.72		
10	16QAM	25	12	19.76	19.84	19.78	21	2
10	16QAM	25	25	19.68	19.71	19.64		
10	16QAM	50	0	19.83	19.84	19.75		
10	64QAM	1	0	19.71	19.68	19.73		
10	64QAM	1	25	19.50	19.69	19.56	21	2
10	64QAM	1	49	19.45	19.67	19.51		
10	64QAM	25	0	18.78	18.84	18.83		
10	64QAM	25	12	18.80	18.86	18.71	20	3
10	64QAM	25	25	18.68	18.74	18.68		
10	64QAM	50	0	18.73	18.83	18.74		
10	256QAM	1	0	16.81	16.90	16.84		
10	256QAM	1	25	16.73	16.80	16.76	18	5
10	256QAM	1	49	16.58	16.72	16.62		
10	256QAM	25	0	16.57	16.83	16.65		
10	256QAM	25	12	16.69	16.76	16.70	18	5
10	256QAM	25	25	16.56	16.71	16.54		
10	256QAM	50	0	16.67	16.67	16.54		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.56	21.69	21.65		
5	QPSK	1	12	21.48	21.60	21.57	23	0
5	QPSK	1	24	21.48	21.57	21.42		
5	QPSK	12	0	20.80	20.97	20.81		
5	QPSK	12	7	20.88	20.92	20.76	22	1
5	QPSK	12	13	20.64	20.81	20.76		
5	QPSK	25	0	20.87	20.84	20.76		
5	16QAM	1	0	20.64	20.80	20.79		
5	16QAM	1	12	20.68	20.71	20.60	22	1
5	16QAM	1	24	20.56	20.63	20.56		
5	16QAM	12	0	19.81	19.89	19.74		
5	16QAM	12	7	19.76	19.87	19.77	21	2
5	16QAM	12	13	19.60	19.75	19.58		
5	16QAM	25	0	19.79	19.81	19.78		
5	64QAM	1	0	19.71	19.70	19.73		
5	64QAM	1	12	19.58	19.66	19.60	21	2
5	64QAM	1	24	19.50	19.67	19.54		
5	64QAM	12	0	18.84	18.91	18.83		
5	64QAM	12	7	18.72	18.87	18.75	20	3
5	64QAM	12	13	18.62	18.83	18.64		
5	64QAM	25	0	18.72	18.87	18.71		
5	256QAM	1	0	16.87	16.84	16.85		
5	256QAM	1	12	16.71	16.80	16.73	18	5
5	256QAM	1	24	16.67	16.68	16.60		
5	256QAM	12	0	16.67	16.75	16.72		
5	256QAM	12	7	16.68	16.78	16.65	18	5
5	256QAM	12	13	16.59	16.68	16.55		
5	256QAM	25	0	16.64	16.70	16.57		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.49	21.70	21.62		
3	QPSK	1	8	21.52	21.61	21.59	23	0
3	QPSK	1	14	21.45	21.53	21.40		
3	QPSK	8	0	20.89	20.99	20.87		
3	QPSK	8	4	20.82	20.86	20.75	22	1
3	QPSK	8	7	20.68	20.84	20.75		
3	QPSK	15	0	20.86	20.82	20.81		
3	16QAM	1	0	20.66	20.79	20.76		
3	16QAM	1	8	20.68	20.76	20.68	22	1
3	16QAM	1	14	20.57	20.69	20.63		
3	16QAM	8	0	19.75	19.93	19.75		
3	16QAM	8	4	19.70	19.88	19.72	21	2
3	16QAM	8	7	19.68	19.75	19.58		
3	16QAM	15	0	19.81	19.84	19.77		
3	64QAM	1	0	19.71	19.71	19.69		
3	64QAM	1	8	19.54	19.64	19.59	21	2
3	64QAM	1	14	19.51	19.60	19.50		
3	64QAM	8	0	18.84	18.85	18.84		
3	64QAM	8	4	18.77	18.81	18.73	20	3
3	64QAM	8	7	18.66	18.72	18.70		
3	64QAM	15	0	18.70	18.78	18.68		
3	256QAM	1	0	16.83	16.92	16.84		
3	256QAM	1	8	16.71	16.78	16.74	18	5
3	256QAM	1	14	16.62	16.79	16.59		
3	256QAM	8	0	16.62	16.77	16.72		
3	256QAM	8	4	16.67	16.76	16.64	18	5
3	256QAM	8	7	16.59	16.65	16.57		
3	256QAM	15	0	16.65	16.74	16.51		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.51	21.71	21.57		
1.4	QPSK	1	3	21.56	21.58	21.52		
1.4	QPSK	1	5	21.45	21.50	21.42	23	0
1.4	QPSK	3	0	21.54	21.62	21.55		
1.4	QPSK	3	1	21.50	21.57	21.55		
1.4	QPSK	3	3	21.50	21.52	21.41		
1.4	QPSK	6	0	20.82	20.96	20.81	22	1
1.4	16QAM	1	0	20.84	20.92	20.83		
1.4	16QAM	1	3	20.67	20.86	20.73		
1.4	16QAM	1	5	20.88	20.81	20.78	22	1
1.4	16QAM	3	0	20.71	20.83	20.75		
1.4	16QAM	3	1	20.70	20.76	20.62		
1.4	16QAM	3	3	20.52	20.74	20.57		
1.4	16QAM	6	0	19.79	19.93	19.76	21	2
1.4	64QAM	1	0	19.77	19.87	19.73		
1.4	64QAM	1	3	19.60	19.74	19.65		
1.4	64QAM	1	5	19.76	19.85	19.79	21	2
1.4	64QAM	3	0	19.71	19.72	19.69		
1.4	64QAM	3	1	19.58	19.69	19.62		
1.4	64QAM	3	3	19.50	19.57	19.53		
1.4	64QAM	6	0	18.83	18.95	18.78	20	3
1.4	256QAM	1	0	16.89	16.84	16.78		
1.4	256QAM	1	3	16.79	16.79	16.81		
1.4	256QAM	1	5	16.63	16.70	16.60	18	5
1.4	256QAM	3	0	16.68	16.82	16.66		
1.4	256QAM	3	1	16.65	16.73	16.68		
1.4	256QAM	3	3	16.52	16.66	16.52		
1.4	256QAM	6	0	16.72	16.70	16.51	18	5

Band 5 Ant 1

BW [MHz]	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	21.31	21.26		
10	QPSK	1	25	21.16	21.28	21.20	22	0
10	QPSK	1	49	21.08	21.15	21.12		
10	QPSK	25	0	20.29	20.34	20.23		
10	QPSK	25	12	20.21	20.29	20.16	21	1
10	QPSK	25	25	20.15	20.22	20.17		
10	QPSK	50	0	20.15	20.26	20.15		
10	16QAM	1	0	20.13	20.21	20.08		
10	16QAM	1	25	20.01	20.16	20.13	21	1
10	16QAM	1	49	20.03	20.09	20.00		
10	16QAM	25	0	19.30	19.42	19.30		
10	16QAM	25	12	19.30	19.37	19.32	20	2
10	16QAM	25	25	19.26	19.30	19.23		
10	16QAM	50	0	19.26	19.37	19.27		
10	64QAM	1	0	19.29	19.33	19.24		
10	64QAM	1	25	19.16	19.28	19.21	20	2
10	64QAM	1	49	19.09	19.21	19.08		
10	64QAM	25	0	18.37	18.44	18.36		
10	64QAM	25	12	18.26	18.39	18.31	19	3
10	64QAM	25	25	18.26	18.32	18.17		
10	64QAM	50	0	18.36	18.40	18.30		
10	256QAM	1	0	16.37	16.47	16.32		
10	256QAM	1	25	16.30	16.42	16.30	17	5
10	256QAM	1	49	16.24	16.35	16.27		
10	256QAM	25	0	16.36	16.42	16.33		
10	256QAM	25	12	16.31	16.37	16.30	17	5
10	256QAM	25	25	16.15	16.30	16.21		
10	256QAM	50	0	16.28	16.35	16.22		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.11	21.24	21.22		
5	QPSK	1	12	21.07	21.16	21.05	22	0
5	QPSK	1	24	20.99	21.04	21.08		
5	QPSK	12	0	20.20	20.31	20.10		
5	QPSK	12	7	20.18	20.15	20.12	21	1
5	QPSK	12	13	20.09	20.15	20.09		
5	QPSK	25	0	20.03	20.21	20.05		
5	16QAM	1	0	20.07	20.13	20.03		
5	16QAM	1	12	19.88	20.04	20.06	21	1
5	16QAM	1	24	19.93	20.02	19.96		
5	16QAM	12	0	19.21	19.35	19.19		
5	16QAM	12	7	19.22	19.29	19.19	20	2
5	16QAM	12	13	19.23	19.26	19.17		
5	16QAM	25	0	19.11	19.23	19.13		
5	64QAM	1	0	19.21	19.23	19.21		
5	64QAM	1	12	19.03	19.16	19.13	20	2
5	64QAM	1	24	19.00	19.16	18.94		
5	64QAM	12	0	18.33	18.34	18.28		
5	64QAM	12	7	18.11	18.36	18.18	19	3
5	64QAM	12	13	18.20	18.22	18.03		
5	64QAM	25	0	18.29	18.35	18.16		
5	256QAM	1	0	16.24	16.39	16.26		
5	256QAM	1	12	16.20	16.27	16.23	17	5
5	256QAM	1	24	16.20	16.29	16.20		
5	256QAM	12	0	16.31	16.32	16.27		
5	256QAM	12	7	16.25	16.24	16.24	17	5
5	256QAM	12	13	16.09	16.19	16.12		
5	256QAM	25	0	16.15	16.20	16.12		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.16	21.27	21.16		
3	QPSK	1	8	21.11	21.21	21.09	22	0
3	QPSK	1	14	20.95	21.00	21.03		
3	QPSK	8	0	20.24	20.29	20.18		
3	QPSK	8	4	20.13	20.25	20.09	21	1
3	QPSK	8	7	20.06	20.15	20.11		
3	QPSK	15	0	20.01	20.19	20.02		
3	16QAM	1	0	20.00	20.17	19.95		
3	16QAM	1	8	19.90	20.06	20.10	21	1
3	16QAM	1	14	19.88	19.99	19.89		
3	16QAM	8	0	19.26	19.33	19.19		
3	16QAM	8	4	19.26	19.23	19.19	20	2
3	16QAM	8	7	19.12	19.18	19.10		
3	16QAM	15	0	19.15	19.25	19.20		
3	64QAM	1	0	19.18	19.29	19.11		
3	64QAM	1	8	19.02	19.17	19.15	20	2
3	64QAM	1	14	19.00	19.18	18.97		
3	64QAM	8	0	18.32	18.38	18.29		
3	64QAM	8	4	18.14	18.30	18.19	19	3
3	64QAM	8	7	18.12	18.22	18.14		
3	64QAM	15	0	18.31	18.25	18.20		
3	256QAM	1	0	16.23	16.35	16.21		
3	256QAM	1	8	16.18	16.34	16.27	17	5
3	256QAM	1	14	16.13	16.30	16.14		
3	256QAM	8	0	16.23	16.37	16.27		
3	256QAM	8	4	16.19	16.27	16.18	17	5
3	256QAM	8	7	16.03	16.19	16.12		
3	256QAM	15	0	16.20	16.31	16.14		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.14	21.17	21.23		
1.4	QPSK	1	3	21.11	21.18	21.16		
1.4	QPSK	1	5	21.00	21.12	20.98	22	0
1.4	QPSK	3	0	21.09	21.11	21.06		
1.4	QPSK	3	1	21.08	21.01	20.96		
1.4	QPSK	3	3	20.85	20.95	20.94		
1.4	QPSK	6	0	20.24	20.28	20.18	21	1
1.4	16QAM	1	0	20.09	20.26	20.09		
1.4	16QAM	1	3	20.09	20.09	20.12		
1.4	16QAM	1	5	20.05	20.22	20.05	21	1
1.4	16QAM	3	0	20.02	20.08	19.96		
1.4	16QAM	3	1	19.97	20.09	20.07		
1.4	16QAM	3	3	19.97	20.00	19.93		
1.4	16QAM	6	0	19.20	19.36	19.23	20	2
1.4	64QAM	1	0	19.17	19.32	19.17		
1.4	64QAM	1	3	19.14	19.16	19.15		
1.4	64QAM	1	5	19.18	19.33	19.20	20	2
1.4	64QAM	3	0	19.17	19.25	19.16		
1.4	64QAM	3	1	19.13	19.13	19.06		
1.4	64QAM	3	3	18.98	19.09	18.97		
1.4	64QAM	6	0	18.26	18.38	18.27	19	3
1.4	256QAM	1	0	16.33	16.37	16.27		
1.4	256QAM	1	3	16.23	16.33	16.21		
1.4	256QAM	1	5	16.20	16.21	16.15	17	5
1.4	256QAM	3	0	16.24	16.32	16.21		
1.4	256QAM	3	1	16.27	16.27	16.26		
1.4	256QAM	3	3	16.00	16.27	16.13		
1.4	256QAM	6	0	16.14	16.23	16.16	17	5

Band 7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.17	22.30	22.22		
20	QPSK	1	49	22.14	22.25	22.19	23	0
20	QPSK	1	99	22.07	22.18	22.11		
20	QPSK	50	0	21.28	21.39	21.32		
20	QPSK	50	24	21.30	21.34	21.26	22	1
20	QPSK	50	50	21.19	21.27	21.14		
20	QPSK	100	0	21.23	21.35	21.29		
20	16QAM	1	0	21.23	21.31	21.21		
20	16QAM	1	49	21.15	21.26	21.15	22	1
20	16QAM	1	99	21.06	21.19	21.14		
20	16QAM	50	0	20.22	20.35	20.23		
20	16QAM	50	24	20.19	20.30	20.16	21	2
20	16QAM	50	50	20.20	20.23	20.11		
20	16QAM	100	0	20.21	20.28	20.23		
20	64QAM	1	0	20.11	20.23	20.10		
20	64QAM	1	49	20.12	20.18	20.08	21	2
20	64QAM	1	99	20.08	20.11	20.00		
20	64QAM	50	0	19.21	19.36	19.29		
20	64QAM	50	24	19.17	19.31	19.21	20	3
20	64QAM	50	50	19.19	19.24	19.21		
20	64QAM	100	0	19.28	19.32	19.22		
20	256QAM	1	0	17.27	17.41	17.38		
20	256QAM	1	49	17.30	17.36	17.32	18	5
20	256QAM	1	99	17.22	17.29	17.16		
20	256QAM	50	0	17.23	17.38	17.29		
20	256QAM	50	24	17.25	17.33	17.28	18	5
20	256QAM	50	50	17.20	17.26	17.18		
20	256QAM	100	0	17.19	17.33	17.23		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.03	22.26	22.11		
15	QPSK	1	37	22.01	22.20	22.05	23	0
15	QPSK	1	74	21.92	22.13	21.96		
15	QPSK	36	0	21.24	21.26	21.20		
15	QPSK	36	20	21.20	21.22	21.18	22	1
15	QPSK	36	39	21.05	21.22	21.04		
15	QPSK	75	0	21.18	21.30	21.21		
15	16QAM	1	0	21.13	21.21	21.14		
15	16QAM	1	37	21.05	21.19	21.05	22	1
15	16QAM	1	74	20.92	21.10	21.04		
15	16QAM	36	0	20.07	20.27	20.12		
15	16QAM	36	20	20.09	20.20	20.11	21	2
15	16QAM	36	39	20.11	20.12	20.08		
15	16QAM	75	0	20.13	20.19	20.18		
15	64QAM	1	0	20.05	20.17	20.01		
15	64QAM	1	37	19.99	20.13	20.05	21	2
15	64QAM	1	74	19.98	20.07	19.91		
15	64QAM	36	0	19.17	19.25	19.16		
15	64QAM	36	20	19.03	19.19	19.06	20	3
15	64QAM	36	39	19.15	19.17	19.07		
15	64QAM	75	0	19.23	19.17	19.19		
15	256QAM	1	0	17.15	17.26	17.29		
15	256QAM	1	37	17.25	17.26	17.28	18	5
15	256QAM	1	74	17.09	17.19	17.10		
15	256QAM	36	0	17.14	17.35	17.15		
15	256QAM	36	20	17.22	17.18	17.16	18	5
15	256QAM	36	39	17.08	17.13	17.08		
15	256QAM	75	0	17.09	17.25	17.16		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.13	22.23	22.15		
10	QPSK	1	25	22.03	22.19	22.08	23	0
10	QPSK	1	49	21.97	22.05	22.02		
10	QPSK	25	0	21.14	21.33	21.18		
10	QPSK	25	12	21.18	21.20	21.21	22	1
10	QPSK	25	25	21.07	21.20	20.99		
10	QPSK	50	0	21.20	21.26	21.16		
10	16QAM	1	0	21.20	21.23	21.10		
10	16QAM	1	25	21.02	21.21	21.09	22	1
10	16QAM	1	49	20.98	21.15	21.06		
10	16QAM	25	0	20.13	20.25	20.16		
10	16QAM	25	12	20.14	20.26	20.13	21	2
10	16QAM	25	25	20.09	20.14	19.99		
10	16QAM	50	0	20.15	20.23	20.18		
10	64QAM	1	0

Band 12 Ant 1

BW [MHz]	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	21.61	21.70	21.68	23	0
10	QPSK	1	25	21.43	21.61	21.52		
10	QPSK	1	49	21.47	21.49	21.52		
10	QPSK	25	0	20.65	20.71	20.61	22	1
10	QPSK	25	12	20.53	20.66	20.59		
10	QPSK	25	25	20.48	20.59	20.50		
10	QPSK	50	0	20.59	20.66	20.58		
10	16QAM	1	0	20.57	20.60	20.52	22	1
10	16QAM	1	25	20.47	20.55	20.52		
10	16QAM	1	49	20.38	20.48	20.39		
10	16QAM	25	0	19.61	19.74	19.59	21	2
10	16QAM	25	12	19.55	19.69	19.64		
10	16QAM	25	25	19.58	19.62	19.59		
10	16QAM	50	0	19.56	19.67	19.52		
10	64QAM	1	0	19.47	19.58	19.47	21	2
10	64QAM	1	25	19.48	19.53	19.47		
10	64QAM	1	49	19.36	19.46	19.36		
10	64QAM	25	0	18.55	18.63	18.53	20	3
10	64QAM	25	12	18.44	18.58	18.45		
10	64QAM	25	25	18.37	18.51	18.41		
10	64QAM	50	0	18.44	18.56	18.44		
10	256QAM	1	0	16.69	16.80	16.70	18	5
10	256QAM	1	25	16.68	16.75	16.64		
10	256QAM	1	49	16.63	16.68	16.57		
10	256QAM	25	0	16.68	16.77	16.68	18	5
10	256QAM	25	12	16.67	16.72	16.65		
10	256QAM	25	25	16.59	16.65	16.56		
10	256QAM	50	0	16.63	16.71	16.65		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.56	21.63	21.54	23	0
5	QPSK	1	12	21.37	21.56	21.43		
5	QPSK	1	24	21.33	21.44	21.40		
5	QPSK	12	0	20.61	20.65	20.52	22	1
5	QPSK	12	7	20.43	20.59	20.46		
5	QPSK	12	13	20.43	20.56	20.35		
5	QPSK	25	0	20.50	20.54	20.50		
5	16QAM	1	0	20.45	20.48	20.41	22	1
5	16QAM	1	12	20.35	20.51	20.40		
5	16QAM	1	24	20.25	20.37	20.27		
5	16QAM	12	0	19.57	19.67	19.52	21	2
5	16QAM	12	7	19.44	19.63	19.50		
5	16QAM	12	13	19.51	19.53	19.52		
5	16QAM	25	0	19.53	19.56	19.42		
5	64QAM	1	0	19.32	19.43	19.34	21	2
5	64QAM	1	12	19.35	19.39	19.42		
5	64QAM	1	24	19.26	19.37	19.29		
5	64QAM	12	0	18.49	18.50	18.40	20	3
5	64QAM	12	7	18.32	18.52	18.39		
5	64QAM	12	13	18.30	18.44	18.29		
5	64QAM	25	0	18.36	18.42	18.38		
5	256QAM	1	0	16.55	16.71	16.56	18	5
5	256QAM	1	12	16.55	16.66	16.59		
5	256QAM	1	24	16.58	16.65	16.47		
5	256QAM	12	0	16.61	16.70	16.59	18	5
5	256QAM	12	7	16.56	16.68	16.55		
5	256QAM	12	13	16.51	16.50	16.43		
5	256QAM	25	0	16.49	16.66	16.51		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.46	21.66	21.63	23	0
3	QPSK	1	8	21.32	21.54	21.37		
3	QPSK	1	14	21.42	21.43	21.38		
3	QPSK	8	0	20.55	20.63	20.58	22	1
3	QPSK	8	4	20.49	20.59	20.52		
3	QPSK	8	7	20.36	20.51	20.42		
3	QPSK	15	0	20.51	20.55	20.51		
3	16QAM	1	0	20.45	20.50	20.48	22	1
3	16QAM	1	8	20.40	20.41	20.46		
3	16QAM	1	14	20.30	20.44	20.31		
3	16QAM	8	0	19.52	19.65	19.50	21	2
3	16QAM	8	4	19.51	19.57	19.57		
3	16QAM	8	7	19.52	19.54	19.55		
3	16QAM	15	0	19.48	19.58	19.39		
3	64QAM	1	0	19.36	19.45	19.35	21	2
3	64QAM	1	8	19.43	19.43	19.41		
3	64QAM	1	14	19.22	19.36	19.22		
3	64QAM	8	0	18.41	18.60	18.41	20	3
3	64QAM	8	4	18.35	18.44	18.41		
3	64QAM	8	7	18.27	18.44	18.28		
3	64QAM	15	0	18.38	18.44	18.35		
3	256QAM	1	0	16.63	16.72	16.62	18	5
3	256QAM	1	8	16.64	16.69	16.59		
3	256QAM	1	14	16.51	16.54	16.46		
3	256QAM	8	0	16.57	16.68	16.59	18	5
3	256QAM	8	4	16.63	16.57	16.55		
3	256QAM	8	7	16.53	16.50	16.49		
3	256QAM	15	0	16.53	16.60	16.54		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.46	21.69	21.55	23	0
1.4	QPSK	1	3	21.35	21.50	21.49		
1.4	QPSK	1	5	21.40	21.44	21.45		
1.4	QPSK	3	0	21.57	21.57	21.40		
1.4	QPSK	3	1	21.48	21.59	21.39		
1.4	QPSK	3	3	21.35	21.33	21.35		
1.4	QPSK	6	0	20.50	20.63	20.58	22	1
1.4	16QAM	1	0	20.48	20.61	20.51	22	1
1.4	16QAM	1	3	20.41	20.53	20.36		
1.4	16QAM	1	5	20.47	20.55	20.51		
1.4	16QAM	3	0	20.52	20.47	20.42		
1.4	16QAM	3	1	20.36	20.51	20.46		
1.4	16QAM	3	3	20.30	20.43	20.25		
1.4	16QAM	6	0	19.53	19.65	19.48	21	2
1.4	64QAM	1	0	19.42	19.56	19.58	21	2
1.4	64QAM	1	3	19.54	19.56	19.49		
1.4	64QAM	1	5	19.47	19.57	19.38		
1.4	64QAM	3	0	19.37	19.44	19.39		
1.4	64QAM	3	1	19.43	19.46	19.39		
1.4	64QAM	3	3	19.26	19.41	19.26		
1.4	64QAM	6	0	18.48	18.51	18.47	20	3
1.4	256QAM	1	0	16.64	16.69	16.62	18	5
1.4	256QAM	1	3	16.54	16.61	16.51		
1.4	256QAM	1	5	16.51	16.60	16.53		
1.4	256QAM	3	0	16.53	16.69	16.54		
1.4	256QAM	3	1	16.61	16.62	16.61		
1.4	256QAM	3	3	16.52	16.62	16.46		
1.4	256QAM	6	0	16.52	16.66	16.58	18	5

Band 13 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23220			
Frequency (MHz)					782			
10	QPSK	1	0		21.31		23	0
10	QPSK	1	25		21.26			
10	QPSK	1	49		21.23			
10	QPSK	25	0		20.43		22	1
10	QPSK	25	12		20.38			
10	QPSK	25	25		20.33			
10	QPSK	50	0		20.38			
10	16QAM	1	0		20.32		22	1
10	16QAM	1	25		20.27			
10	16QAM	1	49		20.24			
10	16QAM	25	0		19.53		21	2
10	16QAM	25	12		19.48			
10	16QAM	25	25		19.36			
10	16QAM	50	0		19.47			
10	64QAM	1	0		19.40		21	2
10	64QAM	1	25		19.35			
10	64QAM	1	49		19.22			
10	64QAM	25	0		18.48		20	3
10	64QAM	25	12		18.43			
10	64QAM	25	25		18.39			
10	64QAM	50	0		18.41			
10	256QAM	1	0		16.50		18	5
10	256QAM	1	25		16.45			
10	256QAM	1	49		16.37			
10	256QAM	25	0		16.45		18	5
10	256QAM	25	12		16.40			
10	256QAM	25	25		16.36			
10	256QAM	50	0		16.42			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.20	21.27	21.13	23	0
5	QPSK	1	12	21.15	21.20	21.11		
5	QPSK	1	24	21.22	21.29	21.20		
5	QPSK	12	0	20.19	20.30	20.16	22	1
5	QPSK	12	7	20.23	20.30	20.24		
5	QPSK	12	13	20.26	20.29	20.25		
5	QPSK	25	0	20.25	20.32	20.29		
5	16QAM	1	0	20.24	20.29	20.18	22	1
5	16QAM	1	12	20.14	20.19	20.13		
5	16QAM	1	24	20.02	20.11	20.06		
5	16QAM	12	0	19.30	19.42	19.37	21	2
5	16QAM	12	7	19.38	19.44	19.36		
5	16QAM	12	13	19.14	19.22	19.15		
5	16QAM	25	0	19.30	19.44	19.30		
5	64QAM	1	0	19.13	19.28	19.21	21	2
5	64QAM	1	12	19.21	19.25	19.15		
5	64QAM	1	24	19.03	19.11	19.07		
5	64QAM	12	0	18.35	18.44	18.40	20	3
5	64QAM	12	7	18.31	18.36	18.22		
5	64QAM	12	13	18.31	18.36	18.24		
5	64QAM	25	0	18.24	18.37	18.25		
5	256QAM	1	0	16.33	16.38	16.29	18	5
5	256QAM	1	12	16.31	16.35	16.30		
5	256QAM	1	24	16.17	16.28	16.22		
5	256QAM	12	0	16.28	16.39	16.35	18	5
5	256QAM	12	7	16.22	16.36	16.24		
5	256QAM	12	13	16.19	16.27	16.15		
5	256QAM	25	0	16.16	16.27	16.21		

Band 17 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.61	21.65	21.57	23	0
10	QPSK	1	25	21.55	21.64	21.63		
10	QPSK	1	49	21.59	21.62	21.54		
10	QPSK	25	0	20.68	20.72	20.67	22	1
10	QPSK	25	12	20.57	20.67	20.59		
10	QPSK	25	25	20.53	20.60	20.48		
10	QPSK	50	0	20.53	20.66	20.53		
10	16QAM	1	0	20.46	20.59	20.48	22	1
10	16QAM	1	25	20.39	20.54	20.46		
10	16QAM	1	49	20.42	20.47	20.38		
10	16QAM	25	0	19.62	19.68	19.62	21	2
10	16QAM	25	12	19.55	19.63	19.49		
10	16QAM	25	25	19.52	19.56	19.44		
10	16QAM	50	0	19.56	19.62	19.55		
10	64QAM	1	0	19.42	19.55	19.43	21	2
10	64QAM	1	25	19.43	19.50	19.35		
10	64QAM	1	49	19.33	19.43	19.30		
10	64QAM	25	0	18.69	18.76	18.69	20	3
10	64QAM	25	12	18.62	18.71	18.59		
10	64QAM	25	25	18.51	18.64	18.53		
10	64QAM	50	0	18.58	18.71	18.60		
10	256QAM	1	0	16.67	16.77	16.65	18	5
10	256QAM	1	25	16.65	16.72	16.62		
10	256QAM	1	49	16.55	16.65	16.59		
10	256QAM	25	0	16.64	16.72	16.62	18	5
10	256QAM	25	12	16.53	16.67	16.57		
10	256QAM	25	25	16.50	16.60	16.50		
10	256QAM	50	0	16.61	16.65	16.60		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.47	21.58	21.41	23	0
5	QPSK	1	12	21.38	21.37	21.31		
5	QPSK	1	24	21.42	21.43	21.33		
5	QPSK	12	0	20.59	20.62	20.55	22	1
5	QPSK	12	7	20.54	20.53	20.54		
5	QPSK	12	13	20.48	20.54	20.44		
5	QPSK	25	0	20.49	20.56	20.49		
5	16QAM	1	0	20.34	20.48	20.34	22	1
5	16QAM	1	12	20.32	20.49	20.41		
5	16QAM	1	24	20.39	20.39	20.25		
5	16QAM	12	0	19.51	19.54	19.56	21	2
5	16QAM	12	7	19.45	19.48	19.36		
5	16QAM	12	13	19.46	19.46	19.39		
5	16QAM	25	0	19.43	19.52	19.43		
5	64QAM	1	0	19.36	19.41	19.31	21	2
5	64QAM	1	12	19.32	19.37	19.28		
5	64QAM	1	24	19.24	19.29	19.18		
5	64QAM	12	0	18.56	18.68	18.66	20	3
5	64QAM	12	7	18.50	18.65	18.51		
5	64QAM	12	13	18.37	18.52	18.42		
5	64QAM	25	0	18.46	18.60	18.48		
5	256QAM	1	0	16.55	16.63	16.50	18	5
5	256QAM	1	12	16.57	16.66	16.52		
5	256QAM	1	24	16.40	16.59	16.50		
5	256QAM	12	0	16.51	16.63	16.55	18	5
5	256QAM	12	7	16.43	16.56	16.53		
5	256QAM	12	13	16.41	16.52	16.45		
5	256QAM	25	0	16.52	16.54	16.57		

Band 26 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.32	21.38	21.29	22	0
15	QPSK	1	37	21.17	21.27	21.14		
15	QPSK	1	74	21.14	21.20	21.10		
15	QPSK	36	0	20.28	20.32	20.28	21	1
15	QPSK	36	20	20.21	20.27	20.14		
15	QPSK	36	39	20.17	20.20	20.12		
15	QPSK	75	0	20.24	20.27	20.17		
15	16QAM	1	0	20.19	20.22	20.19	21	1
15	16QAM	1	37	20.10	20.17	20.13		
15	16QAM	1	74	19.99	20.10	20.04		
15	16QAM	36	0	19.24	19.37	19.22	20	2
15	16QAM	36	20	19.26	19.32	19.22		
15	16QAM	36	39	19.14	19.25	19.13		
15	16QAM	75	0	19.20	19.30	19.21		
15	64QAM	1	0	19.16	19.23	19.15	20	2
15	64QAM	1	37	19.15	19.18	19.04		
15	64QAM	1	74	19.05	19.11	19.00		
15	64QAM	36	0	18.25	18.36	18.22	19	3
15	64QAM	36	20	18.19	18.31	18.17		
15	64QAM	36	39	18.13	18.24	18.14		
15	64QAM	75	0	18.19	18.32	18.29		
15	256QAM	1	0	16.31	16.38	16.30	17	5
15	256QAM	1	37	16.28	16.33	16.28		
15	256QAM	1	74	16.16	16.26	16.13		
15	256QAM	36	0	16.26	16.33	16.19	17	5
15	256QAM	36	20	16.17	16.28	16.21		
15	256QAM	36	39	16.11	16.21	16.07		
15	256QAM	75	0	16.15	16.26	16.22		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.20	21.26	21.26	22	0
10	QPSK	1	25	21.13	21.15	21.01		
10	QPSK	1	49	21.10	21.14	21.04		
10	QPSK	25	0	20.24	20.20	20.24	21	1
10	QPSK	25	12	20.17	20.23	19.99		
10	QPSK	25	25	20.03	20.12	20.08		
10	QPSK	50	0	20.14	20.15	20.02		
10	16QAM	1	0	20.07	20.18	20.04	21	1
10	16QAM	1	25	20.05	20.08	20.07		
10	16QAM	1	49	19.86	20.00	19.96		
10	16QAM	25	0	19.18	19.31	19.10	20	2
10	16QAM	25	12	19.12	19.23	19.17		
10	16QAM	25	25	19.08	19.15	19.03		
10	16QAM	50	0	19.09	19.27	19.13		
10	64QAM	1	0	19.01	19.17	19.02	20	2
10	64QAM	1	25	19.11	19.13	18.98		
10	64QAM	1	49	18.91	19.07	18.97		
10	64QAM	25	0	18.19	18.31	18.10	19	3
10	64QAM	25	12	18.09	18.24	18.05		
10	64QAM	25	25	18.06	18.19	18.07		
10	64QAM	50	0	18.07	18.22	18.23		
10	256QAM	1	0	16.24	16.27	16.19	17	5
10	256QAM	1	25	16.17	16.27	16.20		
10	256QAM	1	49	16.05	16.18	16.05		
10	256QAM	25	0	16.22	16.24	16.05	17	5
10	256QAM	25	12	16.09	16.23	16.16		
10	256QAM	25	25	16.03	16.06	15.94		
10	256QAM	50	0	16.06	16.22	16.08		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.19	21.34	21.20	22	0
5	QPSK	1	12	21.11	21.12	21.05		
5	QPSK	1	24	21.09	21.09	20.96		
5	QPSK	12	0	20.24	20.26	20.23	21	1
5	QPSK	12	7	20.17	20.13	20.09		
5	QPSK	12	13	20.07	20.11	20.04		
5	QPSK	25	0	20.14	20.12	20.13		
5	16QAM	1	0	20.10	20.17	20.08	21	1
5	16QAM	1	12	19.96	20.09	20.05		
5	16QAM	1	24	19.85	20.04	19.91		
5	16QAM	12	0	19.21	19.25	19.13	20	2
5	16QAM	12	7	19.14	19.21	19.19		
5	16QAM	12	13	19.09	19.14	19.06		
5	16QAM	25	0	19.16	19.18	19.07		
5	64QAM	1	0	19.11	19.15	19.06	20	2
5	64QAM	1	12	19.00	19.09	18.92		
5	64QAM	1	24	19.00	18.98	18.92		
5	64QAM	12	0	18.16	18.26	18.13	19	3
5	64QAM	12	7	18.09	18.26	18.11		
5	64QAM	12	13	17.98	18.15	18.03		
5	64QAM	25	0	18.10	18.22	18.18		
5	256QAM	1	0	16.24	16.34	16.17	17	5
5	256QAM	1	12	16.18	16.27	16.17		
5	256QAM	1	24	16.11	16.20	16.00		
5	256QAM	12	0	16.22	16.19	16.06	17	5
5	256QAM	12	7	16.13	16.17	16.09		
5	256QAM	12	13	16.01	16.12	15.92		
5	256QAM	25	0	16.03	16.20	16.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.23	21.32	21.17	22	0
3	QPSK	1	8	21.07	21.20	21.08		
3	QPSK	1	14	21.09	21.15	20.96		
3	QPSK	8	0	20.16	20.20	20.16	21	1
3	QPSK	8	4	20.09	20.12	20.05		
3	QPSK	8	7	20.09	20.10	20.02		
3	QPSK	15	0	20.19	20.20	20.07		
3	16QAM	1	0	20.15	20.18	20.04	21	1
3	16QAM	1	8	20.03	20.06	20.07		
3	16QAM	1	14	19.95	19.96	20.01		
3	16QAM	8	0	19.13	19.33	19.12	20	2
3	16QAM	8	4	19.23	19.24	19.10		
3	16QAM	8	7	18.99	19.12	18.99		
3	16QAM	15	0	19.10	19.25	19.09		
3	64QAM	1	0	19.11	19.14	19.05	20	2
3	64QAM	1	8	19.06	19.03	18.92		
3	64QAM	1	14	18.93	18.97	18.91		
3	64QAM	8	0	18.11	18.31	18.19	19	3
3	64QAM	8	4	18.10	18.18	18.03		
3	64QAM	8	7	18.03	18.17	18.03		
3	64QAM	15	0	18.04	18.29	18.15		
3	256QAM	1	0	16.25	16.26	16.24	17	5
3	256QAM	1	8	16.23	16.21	16.21		
3	256QAM	1	14	16.03	16.23	16.01		
3	256QAM	8	0	16.23	16.22	16.15	17	5
3	256QAM	8	4	16.02	16.22	16.06		
3	256QAM	8	7	16.02	16.12	15.92		
3	256QAM	15	0	16.08	16.12	16.14		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.20	21.28	21.17	22	0
1.4	QPSK	1	3	21.11	21.21	21.01		
1.4	QPSK	1	5	21.04	21.14	21.02		
1.4	QPSK	3	0	21.05	21.26	21.04		
1.4	QPSK	3	1	21.09	21.08	21.04		
1.4	QPSK	3	3	20.99	21.14	21.03		
1.4	QPSK	6	0	20.15	20.21	20.21	21	1
1.4	16QAM	1	0	20.09	20.19	20.03	21	1
1.4	16QAM	1	3	20.08	20.06	20.09		
1.4	16QAM	1	5	20.16	20.16	20.10		
1.4	16QAM	3	0	20.07	20.15	20.08		
1.4	16QAM	3	1	20.03	20.05	20.06		
1.4	16QAM	3	3	19.85	19.96	19.96		
1.4	16QAM	6	0	19.10	19.25	19.10	20	2
1.4	64QAM	1	0	19.11	19.18	19.16	20	2
1.4	64QAM	1	3	19.09	19.10	19.07		
1.4	64QAM	1	5	19.13	19.19	19.15		
1.4	64QAM	3	0	19.10	19.08	19.06		
1.4	64QAM	3	1	19.08	19.12	18.93		
1.4	64QAM	3	3	18.98	19.00	18.90		
1.4	64QAM	6	0	18.15	18.25	18.16	19	3
1.4	256QAM	1	0	16.20	16.30	16.16	17	5
1.4	256QAM	1	3	16.19	16.24	16.23		
1.4	256QAM	1	5	16.11	16.18	16.02		
1.4	256QAM	3	0	16.23	16.25	16.09		
1.4	256QAM	3	1	16.09	16.17	16.07		
1.4	256QAM	3	3	16.00	16.08	15.99		
1.4	256QAM	6	0	16.04	16.21	16.11	17	5

Band 66 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.72	21.83	21.76	23	0
20	QPSK	1	49	21.67	21.78	21.71		
20	QPSK	1	99	21.58	21.71	21.67		
20	QPSK	50	0	20.77	20.85	20.82	22	1
20	QPSK	50	24	20.66	20.80	20.73		
20	QPSK	50	50	20.68	20.73	20.59		
20	QPSK	100	0	20.65	20.77	20.72		
20	16QAM	1	0	20.69	20.74	20.66	22	1
20	16QAM	1	49	20.57	20.69	20.56		
20	16QAM	1	99	20.56	20.62	20.55		
20	16QAM	50	0	19.64	19.78	19.68	21	2
20	16QAM	50	24	19.63	19.73	19.63		
20	16QAM	50	50	19.63	19.66	19.61		
20	16QAM	100	0	19.64	19.71	19.68		
20	64QAM	1	0	19.52	19.64	19.49	21	2
20	64QAM	1	49	19.51	19.59	19.52		
20	64QAM	1	99	19.45	19.52	19.41		
20	64QAM	50	0	18.61	18.69	18.54	20	3
20	64QAM	50	24	18.58	18.64	18.61		
20	64QAM	50	50	18.53	18.57	18.51		
20	64QAM	100	0	18.52	18.62	18.54		
20	256QAM	1	0	16.61	16.75	16.64	18	5
20	256QAM	1	49	16.65	16.70	16.65		
20	256QAM	1	99	16.48	16.63	16.57		
20	256QAM	50	0	16.62	16.71	16.66	18	5
20	256QAM	50	24	16.60	16.66	16.55		
20	256QAM	50	50	16.49	16.59	16.45		
20	256QAM	100	0	16.61	16.68	16.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.59	21.72	21.67	23	0
15	QPSK	1	37	21.60	21.69	21.63		
15	QPSK	1	74	21.54	21.58	21.62		
15	QPSK	36	0	20.74	20.79	20.75	22	1
15	QPSK	36	20	20.58	20.68	20.66		
15	QPSK	36	39	20.55	20.62	20.55		
15	QPSK	75	0	20.52	20.70	20.69		
15	16QAM	1	0	20.65	20.68	20.53	22	1
15	16QAM	1	37	20.48	20.55	20.49		
15	16QAM	1	74	20.45	20.51	20.45		
15	16QAM	36	0	19.50	19.74	19.61	21	2
15	16QAM	36	20	19.53	19.60	19.53		
15	16QAM	36	39	19.52	19.60	19.57		
15	16QAM	75	0	19.52	19.61	19.58		
15	64QAM	1	0	19.42	19.55	19.40	21	2
15	64QAM	1	37	19.43	19.51	19.40		
15	64QAM	1	74	19.35	19.39	19.30		
15	64QAM	36	0	18.56	18.57	18.42	20	3
15	64QAM	36	20	18.52	18.58	18.50		
15	64QAM	36	39	18.48	18.50	18.42		
15	64QAM	75	0	18.48	18.59	18.48		
15	256QAM	1	0	16.55	16.66	16.50	18	5
15	256QAM	1	37	16.62	16.65	16.61		
15	256QAM	1	74	16.38	16.55	16.49		
15	256QAM	36	0	16.56	16.58	16.55	18	5
15	256QAM	36	20	16.56	16.54	16.47		
15	256QAM	36	39	16.39	16.50	16.32		
15	256QAM	75	0	16.50	16.55	16.47		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.65	21.80	21.69	23	0
10	QPSK	1	25	21.55	21.72	21.66		
10	QPSK	1	49	21.54	21.64	21.60		
10	QPSK	25	0	20.64	20.76	20.77	22	1
10	QPSK	25	12	20.55	20.72	20.66		
10	QPSK	25	25	20.57	20.70	20.56		
10	QPSK	50	0	20.51	20.66	20.58		
10	16QAM	1	0	20.64	20.59	20.51	22	1
10	16QAM	1	25	20.51	20.59	20.43		
10	16QAM	1	49	20.50	20.51	20.45		
10	16QAM	25	0	19.52	19.64	19.59	21	2
10	16QAM	25	12	19.51	19.63	19.59		
10	16QAM	25	25	19.59	19.62	19.57		
10	16QAM	50	0	19.60	19.63	19.60		
10	64QAM	1	0	19.38	19.61	19.40	21	2
10	64QAM	1	25	19.48	19.48	19.41		
10	64QAM	1	49	19.38	19.42	19.30		
10	64QAM	25	0	18.50	18.55	18.47	20	3
10	64QAM	25	12	18.48	18.60	18.49		
10	64QAM	25	25	18.41	18.47	18.45		
10	64QAM	50	0	18.44	18.56	18.48		
10	256QAM	1	0	16.58	16.64	16.60	18	5
10	256QAM	1	25	16.58	16.66	16.58		
10	256QAM	1	49	16.41	16.53	16.53		
10	256QAM	25	0	16.54	16.58	16.61	18	5
10	256QAM	25	12	16.48	16.59	16.40		
10	256QAM	25	25	16.46	16.46	16.41		
10	256QAM	50	0	16.57	16.54	16.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.64	21.77	21.72	23	0
5	QPSK	1	12	21.60	21.70	21.62		
5	QPSK	1	24	21.46	21.57	21.63		
5	QPSK	12	0	20.64	20.78	20.73	22	1
5	QPSK	12	7	20.63	20.70	20.59		
5	QPSK	12	13	20.60	20.62	20.45		
5	QPSK	25	0	20.57	20.71	20.60		
5	16QAM	1	0	20.59	20.68	20.60	22	1
5	16QAM	1	12	20.47	20.60	20.49		
5	16QAM	1	24	20.53	20.54	20.50		
5	16QAM	12	0	19.50	19.66	19.55	21	2
5	16QAM	12	7	19.53	19.59	19.51		
5	16QAM	12	13	19.56	19.58	19.58		
5	16QAM	25	0	19.55	19.60	19.64		
5	64QAM	1	0	19.39	19.53	19.39	21	2
5	64QAM	1	12	19.36	19.46	19.43		
5	64QAM	1	24	19.36	19.43	19.35		
5	64QAM	12	0	18.49	18.55	18.41	20	3
5	64QAM	12	7	18.55	18.61	18.51		
5	64QAM	12	13	18.41	18.43	18.39		
5	64QAM	25	0	18.48	18.53	18.46		
5	256QAM	1	0	16.46	16.70	16.51	18	5
5	256QAM	1	12	16.54	16.56	16.51		
5	256QAM	1	24	16.36	16.57	16.50		
5	256QAM	12	0	16.50	16.58	16.60	18	5
5	256QAM	12	7	16.56	16.59	16.46		
5	256QAM	12	13	16.39	16.45	16.34		
5	256QAM	25	0	16.54	16.63	16.50		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.65	21.70	21.65	23	0
3	QPSK	1	8	21.59	21.71	21.57		
3	QPSK	1	14	21.49	21.68	21.58		
3	QPSK	8	0	20.69	20.78	20.79	22	1
3	QPSK	8	4	20.57	20.76	20.61		
3	QPSK	8	7	20.56	20.68	20.49		
3	QPSK	15	0	20.62	20.64	20.67		
3	16QAM	1	0	20.62	20.71	20.61	22	1
3	16QAM	1	8	20.45	20.65	20.48		
3	16QAM	1	14	20.48	20.49	20.51		
3	16QAM	8	0	19.56	19.72	19.57	21	2
3	16QAM	8	4	19.51	19.62	19.50		
3	16QAM	8	7	19.56	19.63	19.58		
3	16QAM	15	0	19.56	19.59	19.59		
3	64QAM	1	0	19.43	19.59	19.40	21	2
3	64QAM	1	8	19.47	19.51	19.44		
3	64QAM	1	14	19.34	19.40	19.32		
3	64QAM	8	0	18.52	18.59	18.46	20	3
3	64QAM	8	4	18.44	18.57	18.48		
3	64QAM	8	7	18.44	18.46	18.47		
3	64QAM	15	0	18.48	18.56	18.50		
3	256QAM	1	0	16.51	16.60	16.54	18	5
3	256QAM	1	8	16.61	16.66	16.61		
3	256QAM	1	14	16.35	16.50	16.51		
3	256QAM	8	0	16.54	16.56	16.57	18	5
3	256QAM	8	4	16.49	16.53	16.41		
3	256QAM	8	7	16.39	16.45	16.39		
3	256QAM	15	0	16.48	16.64	16.52		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.65	21.75	21.68	23	0
1.4	QPSK	1	3	21.56	21.66	21.61		
1.4	QPSK	1	5	21.52	21.68	21.52		
1.4	QPSK	3	0	21.60	21.70	21.65		
1.4	QPSK	3	1	21.54	21.72	21.60		
1.4	QPSK	3	3	21.43	21.67	21.54		
1.4	QPSK	6	0	20.69	20.71	20.75	22	1
1.4	16QAM	1	0	20.61	20.71	20.64	22	1
1.4	16QAM	1	3	20.56	20.65	20.46		
1.4	16QAM	1	5	20.61	20.69	20.60		
1.4	16QAM	3	0	20.61	20.64	20.52		
1.4	16QAM	3	1	20.52	20.57	20.47		
1.4	16QAM	3	3	20.50	20.58	20.50		
1.4	16QAM	6	0	19.59	19.75	19.58	21	2
1.4	64QAM	1	0	19.50	19.66	19.60	21	2
1.4	64QAM	1	3	19.54	19.60	19.47		
1.4	64QAM	1	5	19.56	19.65	19.56		
1.4	64QAM	3	0	19.53	19.58	19.46		
1.4	64QAM	3	1	19.51	19.54	19.49		
1.4	64QAM	3	3	19.40	19.48	19.42		
1.4	64QAM	6	0	18.49	18.57	18.42	20	3
1.4	256QAM	1	0	16.57	16.71	16.57	18	5
1.4	256QAM	1	3	16.55	16.57	16.61		
1.4	256QAM	1	5	16.43	16.54	16.43		
1.4	256QAM	3	0	16.55	16.63	16.63		
1.4	256QAM	3	1	16.52	16.62	16.49		
1.4	256QAM	3	3	16.36	16.44	16.33		
1.4	256QAM	6	0	16.47	16.56	16.52	18	5

Band 38 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.41	22.53	22.49	24	0
20	QPSK	1	49	22.32	22.35	22.39		
20	QPSK	1	99	22.25	22.32	22.29		
20	QPSK	50	0	21.48	21.53	21.47	23	1
20	QPSK	50	24	21.36	21.45	21.40		
20	QPSK	50	50	21.31	21.41	21.31		
20	QPSK	100	0	21.37	21.48	21.34		
20	16QAM	1	0	21.32	21.38	21.36	23	1
20	16QAM	1	49	21.28	21.43	21.31		
20	16QAM	1	99	21.30	21.35	21.16		
20	16QAM	50	0	20.41	20.54	20.36	22	2
20	16QAM	50	24	20.34	20.39	20.33		
20	16QAM	50	50	20.20	20.37	20.29		
20	16QAM	100	0	20.39	20.40	20.42		
20	64QAM	1	0	20.28	20.41	20.40	22	2
20	64QAM	1	49	20.26	20.31	20.34		
20	64QAM	1	99	20.29	20.33	20.14		
20	64QAM	50	0	19.34	19.49	19.38	21	3
20	64QAM	50	24	19.41	19.46	19.29		
20	64QAM	50	50	19.26	19.45	19.30		
20	64QAM	100	0	19.34	19.43	19.44		
20	256QAM	1	0	17.42	17.47	17.34	19	5
20	256QAM	1	49	17.32	17.44	17.31		
20	256QAM	1	99	17.20	17.34	17.23		
20	256QAM	50	0	17.28	17.36	17.33	19	5
20	256QAM	50	24	17.20	17.40	17.27		
20	256QAM	50	50	17.18	17.27	17.12		
20	256QAM	100	0	17.30	17.35	17.17		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.26	22.49	22.41	24	0
15	QPSK	1	37	22.19	22.23	22.30		
15	QPSK	1	74	22.12	22.20	22.21		
15	QPSK	36	0	21.40	21.42	21.36	23	1
15	QPSK	36	20	21.25	21.35	21.31		
15	QPSK	36	39	21.20	21.36	21.17		
15	QPSK	75	0	21.23	21.42	21.29		
15	16QAM	1	0	21.27	21.28	21.25	23	1
15	16QAM	1	37	21.22	21.39	21.19		
15	16QAM	1	74	21.25	21.26	21.04		
15	16QAM	36	0	20.30	20.45	20.22	22	2
15	16QAM	36	20	20.19	20.28	20.30		
15	16QAM	36	39	20.17	20.22	20.16		
15	16QAM	75	0	20.35	20.26	20.38		
15	64QAM	1	0	20.13	20.35	20.37	22	2
15	64QAM	1	37	20.14	20.25	20.29		
15	64QAM	1	74	20.15	20.29	20.06		
15	64QAM	36	0	19.28	19.41	19.33	21	3
15	64QAM	36	20	19.36	19.36	19.24		
15	64QAM	36	39	19.21	19.36	19.26		
15	64QAM	75	0	19.27	19.36	19.31		
15	256QAM	1	0	17.34	17.40	17.24	19	5
15	256QAM	1	37	17.27	17.37	17.22		
15	256QAM	1	74	17.16	17.27	17.14		
15	256QAM	36	0	17.19	17.24	17.27	19	5
15	256QAM	36	20	17.16	17.33	17.13		
15	256QAM	36	39	17.15	17.12	17.03		
15	256QAM	75	0	17.16	17.30	17.07		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.29	22.47	22.41	24	0
10	QPSK	1	25	22.23	22.30	22.27		
10	QPSK	1	49	22.19	22.21	22.25		
10	QPSK	25	0	21.34	21.38	21.41	23	1
10	QPSK	25	12	21.28	21.36	21.32		
10	QPSK	25	25	21.17	21.37	21.25		
10	QPSK	50	0	21.32	21.44	21.27		
10	16QAM	1	0	21.23	21.26	21.30	23	1
10	16QAM	1	25	21.13	21.37	21.27		
10	16QAM	1	49	21.22	21.28	21.08		
10	16QAM	25	0	20.36	20.50	20.29	22	2
10	16QAM	25	12	20.28	20.28	20.27		
10	16QAM	25	25	20.11	20.29	20.20		
10	16QAM	50	0	20.33	20.29	20.34		
10	64QAM	1	0	20.14	20.36	20.29	22	2
10	64QAM	1	25	20.18	20.20	20.24		
10	64QAM	1	49	20.15	20.30	20.02		
10	64QAM	25	0	19.20	19.40	19.27	21	3
10	64QAM	25	12	19.33	19.32	19.25		
10	64QAM	25	25	19.16	19.32	19.22		
10	64QAM	50	0	19.24	19.30	19.36		
10	256QAM	1	0	17.37	17.41	17.21	19	5
10	256QAM	1	25	17.27	17.32	17.18		
10	256QAM	1	49	17.16	17.27	17.09		
10	256QAM	25	0	17.16	17.23	17.30	19	5
10	256QAM	25	12	17.13	17.31	17.14		
10	256QAM	25	25	17.10	17.20	17.09		
10	256QAM	50	0	17.18	17.27	17.10		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.26	22.40	22.42	24	0
5	QPSK	1	12	22.27	22.21	22.34		
5	QPSK	1	24	22.17	22.17	22.21		
5	QPSK	12	0	21.43	21.47	21.44	23	1
5	QPSK	12	7	21.30	21.39	21.30		
5	QPSK	12	13	21.20	21.36	21.22		
5	QPSK	25	0	21.30	21.44	21.19		
5	16QAM	1	0	21.27	21.30	21.27	23	1
5	16QAM	1	12	21.15	21.32	21.22		
5	16QAM	1	24	21.23	21.31	21.04		
5	16QAM	12	0	20.36	20.40	20.32	22	2
5	16QAM	12	7	20.28	20.30	20.20		
5	16QAM	12	13	20.11	20.29	20.15		
5	16QAM	25	0	20.35	20.31	20.29		
5	64QAM	1	0	20.21	20.28	20.27	22	2
5	64QAM	1	12	20.16	20.22	20.23		
5	64QAM	1	24	20.25	20.28	20.07		
5	64QAM	12	0	19.28	19.35	19.27	21	3
5	64QAM	12	7	19.38	19.39	19.24		
5	64QAM	12	13	19.23	19.35	19.19		
5	64QAM	25	0	19.24	19.29	19.31		
5	256QAM	1	0	17.30	17.33	17.22	19	5
5	256QAM	1	12	17.23	17.35	17.25		
5	256QAM	1	24	17.05	17.29	17.19		
5	256QAM	12	0	17.13	17.30	17.29	19	5
5	256QAM	12	7	17.13	17.30	17.21		
5	256QAM	12	13	17.09	17.18	17.06		
5	256QAM	25	0	17.15	17.31	17.06		

Band 41 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.54	22.62	22.69	22.51	22.48	24	0
20	QPSK	1	49	22.50	22.59	22.64	22.46	22.43		
20	QPSK	1	99	22.52	22.51	22.57	22.38	22.35		
20	QPSK	50	0	21.54	21.57	21.64	21.55	21.44	23	1
20	QPSK	50	24	21.50	21.45	21.59	21.47	21.43		
20	QPSK	50	50	21.38	21.47	21.52	21.42	21.31		
20	QPSK	100	0	21.50	21.45	21.58	21.43	21.39		
20	16QAM	1	0	21.40	21.46	21.53	21.38	21.40	23	1
20	16QAM	1	49	21.42	21.33	21.48	21.36	21.33		
20	16QAM	1	99	21.37	21.30	21.41	21.26	21.22		
20	16QAM	50	0	20.54	20.53	20.62	20.46	20.38	22	2
20	16QAM	50	24	20.43	20.43	20.57	20.45	20.40		
20	16QAM	50	50	20.41	20.37	20.50	20.31	20.32		
20	16QAM	100	0	20.53	20.51	20.57	20.39	20.37		
20	64QAM	1	0	20.38	20.40	20.51	20.31	20.35	22	2
20	64QAM	1	49	20.39	20.35	20.46	20.29	20.32		
20	64QAM	1	99	20.28	20.29	20.39	20.21	20.21		
20	64QAM	50	0	19.48	19.58	19.63	19.53	19.38	21	3
20	64QAM	50	24	19.43	19.51	19.58	19.39	19.41		
20	64QAM	50	50	19.37	19.40	19.51	19.34	19.28		
20	64QAM	100	0	19.52	19.42	19.56	19.39	19.39		
20	256QAM	1	0	17.54	17.62	17.66	17.49	17.44	19	5
20	256QAM	1	49	17.54	17.54	17.61	17.52	17.38		
20	256QAM	1	99	17.42	17.43	17.54	17.45	17.33		
20	256QAM	50	0	17.48	17.59	17.62	17.52	17.45	19	5
20	256QAM	50	24	17.44	17.47	17.57	17.45	17.42		
20	256QAM	50	50	17.46	17.42	17.50	17.36	17.33		
20	256QAM	100	0	17.38	17.35	17.47	17.32	17.31		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.42	22.52	22.63	22.43	22.40	24.00	0
15	QPSK	1	37	22.45	22.54	22.54	22.41	22.31		
15	QPSK	1	74	22.40	22.40	22.48	22.29	22.22		
15	QPSK	36	0	21.45	21.53	21.49	21.43	21.36	23	1
15	QPSK	36	20	21.45	21.38	21.53	21.41	21.30		
15	QPSK	36	39	21.25	21.36	21.40	21.35	21.27		
15	QPSK	75	0	21.42	21.32	21.45	21.37	21.34		
15	16QAM	1	0	21.28	21.39	21.40	21.26	21.27	23	1
15	16QAM	1	37	21.37	21.19	21.37	21.25	21.23		
15	16QAM	1	74	21.23	21.20	21.29	21.20	21.14		
15	16QAM	36	0	20.48	20.40	20.59	20.42	20.24	22	2
15	16QAM	36	20	20.29	20.29	20.46	20.41	20.26		
15	16QAM	36	39	20.31	20.32	20.41	20.21	20.26		
15	16QAM	75	0	20.43	20.43	20.49	20.28	20.33		
15	64QAM	1	0	20.33	20.37	20.45	20.20	20.29	22	2
15	64QAM	1	37	20.33	20.24	20.36	20.20	20.21		
15	64QAM	1	74	20.16	20.15	20.30	20.13	20.12		
15	64QAM	36	0	19.42	19.44	19.57	19.39	19.31	21	3
15	64QAM	36	20	19.37	19.44	19.51	19.31	19.36		
15	64QAM	36	39	19.32	19.33	19.47	19.20	19.13		
15	64QAM	75	0	19.43	19.33	19.43	19.35	19.32		
15	256QAM	1	0	17.43	17.55	17.55	17.43	17.34	19	5
15	256QAM	1	37	17.45	17.46	17.56	17.39	17.34		
15	256QAM	1	74	17.30	17.39	17.48	17.35	17.22		
15	256QAM	36	0	17.34	17.53	17.49	17.43	17.38	19	5
15	256QAM	36	20	17.31	17.36	17.53	17.33	17.32		
15	256QAM	36	39	17.41	17.37	17.44	17.24	17.25		
15	256QAM	75	0	17.24	17.29	17.40	17.19	17.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.40	22.58	22.57	22.38	22.37	24.00	0
10	QPSK	1	25	22.43	22.44	22.51	22.32	22.35		
10	QPSK	1	49	22.47	22.39	22.42	22.35	22.22		
10	QPSK	25	0	21.49	21.43	21.59	21.44	21.37	23	1
10	QPSK	25	12	21.41	21.36	21.46	21.37	21.35		
10	QPSK	25	25	21.26	21.36	21.48	21.33	21.16		
10	QPSK	50	0	21.44	21.39	21.46	21.29	21.25		
10	16QAM	1	0	21.36	21.42	21.39	21.35	21.33	23	1
10	16QAM	1	25	21.36	21.22	21.34	21.28	21.29		
10	16QAM	1	49	21.33	21.18	21.34	21.21	21.18		
10	16QAM	25	0	20.40	20.41	20.48	20.34	20.30	22	2
10	16QAM	25	12	20.38	20.33	20.54	20.32	20.32		
10	16QAM	25	25	20.30	20.24	20.35	20.26	20.19		
10	16QAM	50	0	20.38	20.47	20.47	20.35	20.32		
10	64QAM	1	0	20.26	20.27	20.38	20.20	20.23	22	2
10	64QAM	1	25	20.29	20.21	20.41	20.17	20.27		
10	64QAM	1	49	20.16	20.24	20.28	20.17	20.14		
10	64QAM	25	0	19.35	19.51	19.55	19.43	19.35	21	3
10	64QAM	25	12	19.40	19.45	19.45	19.24	19.29		
10	64QAM	25	25	19.29	19.28	19.39	19.27	19.14		
10	64QAM	50	0	19.40	19.37	19.42	19.28	19.29		
10	256QAM	1	0	17.48	17.52	17.58	17.36	17.30	19	5
10	256QAM	1	25	17.45	17.43	17.55	17.49	17.24		
10	256QAM	1	49	17.31	17.30	17.47	17.34	17.29		
10	256QAM	25	0	17.36	17.54	17.51	17.39	17.34	19	5
10	256QAM	25	12	17.39	17.39	17.54	17.41	17.31		
10	256QAM	25	25	17.32	17.32	17.36	17.24	17.25		
10	256QAM	50	0	17.34	17.31	17.41	17.19	17.19		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.48	22.56	22.66	22.43	22.41	24.00	0
5	QPSK	1	12	22.40	22.55	22.54	22.35	22.29		
5	QPSK	1	24	22.41	22.44	22.54	22.32	22.30		
5	QPSK	12	0	21.40	21.48	21.58	21.44	21.33	23	1
5	QPSK	12	7	21.45	21.39	21.50	21.43	21.32		
5	QPSK	12	13	21.25	21.33	21.42	21.37	21.21		
5	QPSK	25	0	21.43	21.41	21.52	21.36	21.24		
5	16QAM	1	0	21.27	21.33	21.38	21.29	21.25	23	1
5	16QAM	1	12	21.33	21.26	21.43	21.29	21.22		
5	16QAM	1	24	21.25	21.17	21.29	21.18	21.13		
5	16QAM	12	0	20.42	20.45	20.56	20.33	20.31	22	2
5	16QAM	12	7	20.34	20.33	20.44	20.36	20.28		
5	16QAM	12	13	20.32	20.26	20.39	20.27	20.18		
5	16QAM	25	0	20.48	20.37	20.47	20.35	20.26		
5	64QAM	1	0	20.34	20.35	20.44	20.21	20.27	22	2
5	64QAM	1	12	20.24	20.26	20.37	20.25	20.24		
5	64QAM	1	24	20.14	20.24	20.31	20.11	20.17		
5	64QAM	12	0	19.41	19.45	19.54	19.43	19.31	21	3
5	64QAM	12	7	19.29	19.35	19.49	19.24	19.34		
5	64QAM	12	13	19.32	19.36	19.46	19.21	19.19		
5	64QAM	25	0	19.42	19.38	19.46	19.31	19.34		
5	256QAM	1	0	17.39	17.47	17.58	17.43	17.40	19	5
5	256QAM	1	12	17.45	17.46	17.54	17.47	17.35		
5	256QAM	1	24	17.28	17.28	17.43	17.37	17.28		
5	256QAM	12	0	17.36	17.50	17.57	17.46	17.30	19	5
5	256QAM	12	7	17.35	17.43	17.50	17.33	17.34		
5	256QAM	12	13	17.32	17.33	17.36	17.32	17.27		
5	256QAM	25	0	17.25	17.31	17.35	17.19	17.16		

Band 41 HPUE Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.50	25.47	25.54	25.41	25.55	27	0
20	QPSK	1	49	25.33	25.40	25.58	25.35	25.53		
20	QPSK	1	99	25.29	25.33	25.51	25.31	25.41		
20	QPSK	50	0	25.33	25.30	25.49	25.29	25.37	27	0
20	QPSK	50	24	25.27	25.29	25.46	25.27	25.33		
20	QPSK	50	50	25.18	25.22	25.40	25.18	25.26		
20	QPSK	100	0	25.19	25.19	25.38	25.22	25.28		
20	16QAM	1	0	25.18	25.28	25.42	25.23	25.34	27	0
20	16QAM	1	49	25.20	25.14	25.39	25.16	25.28		
20	16QAM	1	99	25.16	25.13	25.35	25.12	25.27		
20	16QAM	50	0	24.29	24.40	24.53	24.34	24.44	26	1
20	16QAM	50	24	24.32	24.26	24.50	24.27	24.42		
20	16QAM	50	50	24.21	24.24	24.46	24.22	24.39		
20	16QAM	100	0	24.25	24.23	24.42	24.19	24.28		
20	64QAM	1	0	24.57	24.66	24.80	24.57	24.75	26	1
20	64QAM	1	49	24.55	24.52	24.74	24.54	24.66		
20	64QAM	1	99	24.52	24.55	24.70	24.50	24.65		
20	64QAM	50	0	23.37	23.35	23.56	23.39	23.46	25	2
20	64QAM	50	24	23.33	23.33	23.53	23.31	23.45		
20	64QAM	50	50	23.35	23.25	23.49	23.33	23.44		
20	64QAM	100	0	23.23	23.29	23.44	23.31	23.33		
20	256QAM	1	0	21.51	21.49	21.68	21.44	21.58	23	4
20	256QAM	1	49	21.43	21.41	21.61	21.42	21.52		
20	256QAM	1	99	21.30	21.36	21.55	21.41	21.51		
20	256QAM	50	0	21.37	21.38	21.52	21.34	21.45	23	4
20	256QAM	50	24	21.27	21.23	21.46	21.24	21.39		
20	256QAM	50	50	21.23	21.26	21.41	21.20	21.35		
20	256QAM	100	0	21.10	21.12	21.34	21.15	21.24		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.47	25.39	25.51	25.36	25.50	27.00	0
15	QPSK	1	37	25.29	25.33	25.46	25.29	25.46		
15	QPSK	1	74	25.15	25.26	25.38	25.24	25.30		
15	QPSK	36	0	25.25	25.24	25.46	25.24	25.26	27	0
15	QPSK	36	20	25.13	25.15	25.43	25.21	25.21		
15	QPSK	36	39	25.04	25.11	25.30	25.08	25.12		
15	QPSK	75	0	25.04	25.06	25.28	25.17	25.24		
15	16QAM	1	0	25.05	25.14	25.32	25.16	25.28	27	0
15	16QAM	1	37	25.06	25.11	25.27	25.03	25.20		
15	16QAM	1	74	25.10	25.00	25.28	25.07	25.21		
15	16QAM	36	0	24.17	24.33	24.39	24.24	24.35	26	1
15	16QAM	36	20	24.25	24.18	24.44	24.15	24.31		
15	16QAM	36	39	24.11	24.09	24.37	24.10	24.26		
15	16QAM	75	0	24.20	24.08	24.29	24.05	24.17		
15	64QAM	1	0	24.44	24.57	24.72	24.47	24.70	26	1
15	64QAM	1	37	24.49	24.48	24.63	24.49	24.55		
15	64QAM	1	74	24.42	24.42	24.62	24.38	24.61		
15	64QAM	36	0	23.26	23.22	23.47	23.29	23.33	25	2
15	64QAM	36	20	23.23	23.28	23.40	23.19	23.34		
15	64QAM	36	39	23.22	23.16	23.36	23.21	23.39		
15	64QAM	75	0	23.19	23.25	23.32	23.18	23.23		
15	256QAM	1	0	21.44	21.44	21.54	21.33	21.45	23	4
15	256QAM	1	37	21.29	21.29	21.56	21.28	21.46		
15	256QAM	1	74	21.25	21.29	21.52	21.31	21.41		
15	256QAM	36	0	21.28	21.27	21.39	21.26	21.30	23	4
15	256QAM	36	20	21.12	21.14	21.34	21.18	21.27		
15	256QAM	36	39	21.14	21.22	21.37	21.12	21.30		
15	256QAM	75	0	21.06	21.19	21.21	21.00	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.38	25.38	25.57	25.37	25.48	27.00	0
10	QPSK	1	25	25.25	25.31	25.46	25.25	25.42		
10	QPSK	1	49	25.21	25.18	25.38	25.17	25.37		
10	QPSK	25	0	25.22	25.18	25.46	25.22	25.32	27	0
10	QPSK	25	12	25.17	25.21	25.43	25.22	25.26		
10	QPSK	25	25	25.04	25.13	25.35	25.10	25.14		
10	QPSK	50	0	25.15	25.06	25.31	25.14	25.24		
10	16QAM	1	0	25.06	25.20	25.30	25.17	25.24	27	0
10	16QAM	1	25	25.06	25.05	25.33	25.12	25.25		
10	16QAM	1	49	25.09	25.07	25.30	25.17	25.24		
10	16QAM	25	0	24.21	24.28	24.44	24.25	24.39	26	1
10	16QAM	25	12	24.23	24.19	24.46	24.18	24.29		
10	16QAM	25	25	24.13	24.11	24.43	24.17	24.35		
10	16QAM	50	0	24.17	24.12	24.31	24.16	24.22		
10	64QAM	1	0	24.44	24.56	24.74	24.49	24.63	26	1
10	64QAM	1	25	24.43	24.46	24.60	24.49	24.61		
10	64QAM	1	49	24.38	24.51	24.59	24.41	24.56		
10	64QAM	25	0	23.23	23.26

Band 42 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.66	23.71	23.59	24	0
20	QPSK	1	49	23.62	23.66	23.57		
20	QPSK	1	99	23.52	23.59	23.48		
20	QPSK	50	0	22.57	22.65	22.53	23	1
20	QPSK	50	24	22.50	22.60	22.56		
20	QPSK	50	50	22.45	22.53	22.39		
20	QPSK	100	0	22.44	22.58	22.51		
20	16QAM	1	0	22.38	22.52	22.42	23	1
20	16QAM	1	49	22.37	22.47	22.44		
20	16QAM	1	99	22.35	22.40	22.30		
20	16QAM	50	0	21.52	21.66	21.59	22	2
20	16QAM	50	24	21.53	21.61	21.48		
20	16QAM	50	50	21.44	21.54	21.49		
20	16QAM	100	0	21.46	21.58	21.47		
20	64QAM	1	0	21.45	21.53	21.48	22	2
20	64QAM	1	49	21.38	21.48	21.44		
20	64QAM	1	99	21.36	21.41	21.37		
20	64QAM	50	0	20.56	20.60	20.53	21	3
20	64QAM	50	24	20.50	20.55	20.50		
20	64QAM	50	50	20.40	20.48	20.34		
20	64QAM	100	0	20.43	20.55	20.40		
20	256QAM	1	0	18.46	18.51	18.42	19	5
20	256QAM	1	49	18.35	18.46	18.36		
20	256QAM	1	99	18.28	18.39	18.30		
20	256QAM	50	0	18.40	18.46	18.34	19	5
20	256QAM	50	24	18.27	18.41	18.20		
20	256QAM	50	50	18.29	18.34	18.21		
20	256QAM	100	0	18.37	18.40	18.34		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.53	23.67	23.45	24	0
15	QPSK	1	37	23.54	23.60	23.53		
15	QPSK	1	74	23.49	23.46	23.38		
15	QPSK	36	0	22.49	22.50	22.44	23	1
15	QPSK	36	20	22.51	22.47	22.50		
15	QPSK	36	39	22.40	22.41	22.35		
15	QPSK	75	0	22.31	22.54	22.37		
15	16QAM	1	0	22.35	22.38	22.29	23	1
15	16QAM	1	37	22.31	22.37	22.38		
15	16QAM	1	74	22.32	22.32	22.24		
15	16QAM	36	0	21.47	21.54	21.51	22	2
15	16QAM	36	20	21.43	21.56	21.41		
15	16QAM	36	39	21.36	21.45	21.34		
15	16QAM	75	0	21.39	21.44	21.41		
15	64QAM	1	0	21.40	21.40	21.36	22	2
15	64QAM	1	37	21.27	21.36	21.30		
15	64QAM	1	74	21.25	21.37	21.27		
15	64QAM	36	0	20.43	20.56	20.40	21	3
15	64QAM	36	20	20.43	20.41	20.38		
15	64QAM	36	39	20.35	20.35	20.25		
15	64QAM	75	0	20.34	20.46	20.35		
15	256QAM	1	0	18.40	18.46	18.28	19	5
15	256QAM	1	37	18.26	18.32	18.22		
15	256QAM	1	74	18.22	18.35	18.23		
15	256QAM	36	0	18.31	18.43	18.30	19	5
15	256QAM	36	20	18.17	18.29	18.13		
15	256QAM	36	39	18.18	18.25	18.14		
15	256QAM	75	0	18.32	18.32	18.23		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.59	23.63	23.54	24	0
10	QPSK	1	25	23.49	23.51	23.52		
10	QPSK	1	49	23.43	23.49	23.34		
10	QPSK	25	0	22.50	22.52	22.48	23	1
10	QPSK	25	12	22.50	22.53	22.52		
10	QPSK	25	25	22.35	22.45	22.28		
10	QPSK	50	0	22.37	22.53	22.47		
10	16QAM	1	0	22.27	22.38	22.35	23	1
10	16QAM	1	25	22.22	22.39	22.32		
10	16QAM	1	49	22.24	22.34	22.22		
10	16QAM	25	0	21.37	21.61	21.45	22	2
10	16QAM	25	12	21.42	21.50	21.40		
10	16QAM	25	25	21.35	21.42	21.45		
10	16QAM	50	0	21.34	21.51	21.34		
10	64QAM	1	0	21.33	21.47	21.35	22	2
10	64QAM	1	25	21.24	21.37	21.29		
10	64QAM	1	49	21.30	21.27	21.33		
10	64QAM	25	0	20.42	20.48	20.43	21	3
10	64QAM	25	12	20.42	20.41	20.42		
10	64QAM	25	25	20.30	20.34	20.26		
10	64QAM	50	0	20.33	20.50	20.29		
10	256QAM	1	0	18.40	18.43	18.39	19	5
10	256QAM	1	25	18.25	18.35	18.29		
10	256QAM	1	49	18.15	18.33	18.24		
10	256QAM	25	0	18.32	18.39	18.24	19	5
10	256QAM	25	12	18.19	18.32	18.15		
10	256QAM	25	25	18.19	18.25	18.15		
10	256QAM	50	0	18.34	18.32	18.31		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.56	23.65	23.44	24	0
5	QPSK	1	12	23.47	23.60	23.54		
5	QPSK	1	24	23.46	23.55	23.39		
5	QPSK	12	0	22.45	22.59	22.46	23	1
5	QPSK	12	7	22.42	22.54	22.47		
5	QPSK	12	13	22.35	22.48	22.34		
5	QPSK	25	0	22.34	22.45	22.37		
5	16QAM	1	0	22.30	22.46	22.31	23	1
5	16QAM	1	12	22.28	22.35	22.38		
5	16QAM	1	24	22.26	22.27	22.23		
5	16QAM	12	0	21.48	21.53	21.50	22	2
5	16QAM	12	7	21.45	21.48	21.41		
5	16QAM	12	13	21.35	21.41	21.35		
5	16QAM	25	0	21.39	21.47	21.41		
5	64QAM	1	0	21.39	21.48	21.43	22	2
5	64QAM	1	12	21.35	21.41	21.40		
5	64QAM	1	24	21.27	21.29	21.27		
5	64QAM	12	0	20.50	20.47	20.47	21	3
5	64QAM	12	7	20.47	20.42	20.37		
5	64QAM	12	13	20.25	20.34	20.25		
5	64QAM	25	0	20.38	20.43	20.32		
5	256QAM	1	0	18.40	18.43	18.29	19	5
5	256QAM	1	12	18.30	18.32	18.27		
5	256QAM	1	24	18.18	18.29	18.26		
5	256QAM	12	0	18.28	18.32	18.24	19	5
5	256QAM	12	7	18.12	18.36	18.07		
5	256QAM	12	13	18.17	18.30	18.12		
5	256QAM	25	0	18.23	18.30	18.19		

Band 42 Part 96 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	23.56	23.58	23.43	24	0
20	QPSK	1	49	23.56	23.55	23.43		
20	QPSK	1	99	23.38	23.52	23.37		
20	QPSK	50	0	22.47	22.60	22.48	23	1
20	QPSK	50	24	22.44	22.43	22.45		
20	QPSK	50	50	22.36	22.35	22.33		
20	QPSK	100	0	22.29	22.53	22.46		
20	16QAM	1	0	22.35	22.37	22.38	23	1
20	16QAM	1	49	22.23	22.32	22.26		
20	16QAM	1	99	22.26	22.34	22.15		
20	16QAM	50	0	21.40	21.64	21.43	22	2
20	16QAM	50	24	21.39	21.48	21.46		
20	16QAM	50	50	21.26	21.51	21.41		
20	16QAM	100	0	21.30	21.50	21.32		
20	64QAM	1	0	21.38	21.50	21.38	22	2
20	64QAM	1	49	21.25	21.44	21.29		
20	64QAM	1	99	21.26	21.28	21.23		
20	64QAM	50	0	20.49	20.56	20.51	21	3
20	64QAM	50	24	20.40	20.49	20.47		
20	64QAM	50	50	20.35	20.39	20.18		
20	64QAM	100	0	20.29	20.41	20.27		
20	256QAM	1	0	18.33	18.38	18.30	19	5
20	256QAM	1	49	18.27	18.37	18.30		
20	256QAM	1	99	18.22	18.24	18.20		
20	256QAM	50	0	18.37	18.35	18.27	19	5
20	256QAM	50	24	18.15	18.34	18.03		
20	256QAM	50	50	18.17	18.21	18.03		
20	256QAM	100	0	18.32	18.35	18.24		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	23.52	23.56	23.42	24	0
15	QPSK	1	37	23.45	23.52	23.42		
15	QPSK	1	74	23.36	23.41	23.31		
15	QPSK	36	0	22.38	22.58	22.39	23	1
15	QPSK	36	20	22.32	22.28	22.36		
15	QPSK	36	39	22.31	22.25	22.22		
15	QPSK	75	0	22.24	22.39	22.37		
15	16QAM	1	0	22.31	22.29	22.29	23	1
15	16QAM	1	37	22.08	22.27	22.13		
15	16QAM	1	74	22.23	22.26	22.11		
15	16QAM	36	0	21.31	21.50	21.37	22	2
15	16QAM	36	20	21.32	21.33	21.44		
15	16QAM	36	39	21.21	21.42	21.26		
15	16QAM	75	0	21.22	21.42	21.22		
15	64QAM	1	0	21.35	21.46	21.35	22	2
15	64QAM	1	37	21.09	21.39	21.25		
15	64QAM	1	74	21.21	21.18	21.21		
15	64QAM	36	0	20.45	20.54	20.35	21	3
15	64QAM	36	20	20.23	20.46	20.31		
15	64QAM	36	39	20.31	20.22	20.05		
15	64QAM	75	0	20.16	20.32	20.25		
15	256QAM	1	0	18.30	18.36	18.24	19	5
15	256QAM	1	37	18.22	18.25	18.17		
15	256QAM	1	74	18.12	18.18	18.18		
15	256QAM	36	0	18.29	18.32	18.15	19	5
15	256QAM	36	20	18.11	18.32	17.87		
15	256QAM	36	39	18.12	18.17	17.89		
15	256QAM	75	0	18.27	18.21	18.18		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	23.42	23.51	23.32	24	0
10	QPSK	1	25	23.42	23.49	23.40		
10	QPSK	1	49	23.26	23.50	23.27		
10	QPSK	25	0	22.33	22.44	22.41	23	1
10	QPSK	25	12	22.39	22.33	22.38		
10	QPSK	25	25	22.34	22.29	22.22		
10	QPSK	50	0	22.24	22.45	22.45		
10	16QAM	1	0	22.32	22.34	22.22	23	1
10	16QAM	1	25	22.16	22.16	22.17		
10	16QAM	1	49	22.14	22.27	22.05		
10	16QAM	25	0	21.31	21.63	21.34	22	2
10	16QAM	25	12	21.31	21.36	21.30		
10	16QAM	25	25	21.21	21.39	21.31		
10	16QAM	50	0	21.23	21.47	21.26		
10	64QAM	1	0	21.34	21.46	21.37	22	2
10	64QAM	1	25	21.16	21.30	21.28		
10	64QAM	1	49	21.19	21.20	21.18		
10	64QAM	25	0	20.37	20.42	20.38	21	3
10	64QAM	25	12	20.38	20.46	20.45		
10	64QAM	25	25	20.28	20.32	20.02		
10	64QAM	50	0	20.27	20.40	20.19		
10	256QAM	1	0	18.16	18.36	18.19	19	5
10	256QAM	1	25	18.16	18.21	18.18		
10	256QAM	1	49	18.17	18.10	18.10		
10	256QAM	25	0	18.22	18.32	18.24	19	5
10	256QAM	25	12	18.02	18.26	18.01		
10	256QAM	25	25	18.01	18.04	18.00		
10	256QAM	50	0	18.29	18.22	18.08		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	23.53	23.44	23.40	24	0
5	QPSK	1	12	23.47	23.46	23.26		
5	QPSK	1	24	23.31	23.38	23.22		
5	QPSK	12	0	22.33	22.54	22.45	23	1
5	QPSK	12	7	22.35	22.33	22.41		
5	QPSK	12	13	22.25	22.33	22.25		
5	QPSK	25	0	22.12	22.44	22.39		
5	16QAM	1	0	22.21	22.20	22.25	23	1
5	16QAM	1	12	22.18	22.23	22.24		
5	16QAM	1	24	22.19	22.23	22.11		
5	16QAM	12	0	21.37	21.48	21.36	22	2
5	16QAM	12	7	21.35	21.43	21.32		
5	16QAM	12	13	21.23	21.41	21.36		
5	16QAM	25	0	21.16	21.36	21.22		
5	64QAM	1	0	21.29	21.43	21.33	22	2
5	64QAM	1	12	21.17	21.30	21.23		
5	64QAM	1	24	21.24	21.17	21.10		
5	64QAM	12	0	20.48	20.46	20.41	21	3
5	64QAM	12	7	20.36	20.45	20.36		
5	64QAM	12	13	20.19	20.34	20.06		
5	64QAM	25	0	20.27	20.26	20.26		
5	256QAM	1	0	18.26	18.31	18.15	19	5
5	256QAM	1	12	18.22	18.26	18.23		
5	256QAM	1	24	18.18	18.12	18.18		
5	256QAM	12	0	18.32	18.28	18.18	19	5
5	256QAM	12	7	18.12	18.20	18.01		
5	256QAM	12	13	18.10	18.08	17.89		
5	256QAM	25	0	18.24	18.26	18.13		

Band 43 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3810	3850	3890		
20	QPSK	1	0	23.60	23.64	23.55	24	0
20	QPSK	1	49	23.54	23.59	23.48		
20	QPSK	1	99	23.47	23.52	23.47		
20	QPSK	50	0	22.51	22.57	22.45	23	1
20	QPSK	50	24	22.39	22.52	22.39		
20	QPSK	50	50	22.34	22.45	22.32		
20	QPSK	100	0	22.47	22.51	22.37		
20	16QAM	1	0	22.43	22.46	22.36	23	1
20	16QAM	1	49	22.36	22.41	22.38		
20	16QAM	1	99	22.30	22.34	22.29		
20	16QAM	50	0	21.41	21.53	21.49	22	2
20	16QAM	50	24	21.44	21.48	21.41		
20	16QAM	50	50	21.32	21.41	21.28		
20	16QAM	100	0	21.32	21.47	21.40		
20	64QAM	1	0	21.29	21.42	21.37	22	2
20	64QAM	1	49	21.31	21.37	21.33		
20	64QAM	1	99	21.24	21.30	21.21		
20	64QAM	50	0	20.46	20.53	20.40	21	3
20	64QAM	50	24	20.37	20.48	20.41		
20	64QAM	50	50	20.34	20.41	20.26		
20	64QAM	100	0	20.43	20.48	20.36		
20	256QAM	1	0	18.35	18.44	18.29	19	5
20	256QAM	1	49	18.29	18.39	18.35		
20	256QAM	1	99	18.19	18.32	18.19		
20	256QAM	50	0	18.34	18.37	18.31	19	5
20	256QAM	50	24	18.25	18.32	18.19		
20	256QAM	50	50	18.12	18.25	18.17		
20	256QAM	100	0	18.27	18.32	18.21		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	23.45	23.60	23.46	24	0
15	QPSK	1	37	23.51	23.50	23.33		
15	QPSK	1	74	23.43	23.43	23.34		
15	QPSK	36	0	22.45	22.46	22.37	23	1
15	QPSK	36	20	22.33	22.43	22.28		
15	QPSK	36	39	22.28	22.36	22.24		
15	QPSK	75	0	22.32	22.43	22.23		
15	16QAM	1	0	22.37	22.32	22.22	23	1
15	16QAM	1	37	22.25	22.35	22.25		
15	16QAM	1	74	22.26	22.26	22.26		
15	16QAM	36	0	21.28	21.46	21.38	22	2
15	16QAM	36	20	21.30	21.35	21.38		
15	16QAM	36	39	21.25	21.32	21.15		
15	16QAM	75	0	21.22	21.40	21.37		
15	64QAM	1	0	21.19	21.30	21.34	22	2
15	64QAM	1	37	21.18	21.26	21.20		
15	64QAM	1	74	21.15	21.21	21.08		
15	64QAM	36	0	20.35	20.44	20.30	21	3
15	64QAM	36	20	20.29	20.41	20.34		
15	64QAM	36	39	20.30	20.36	20.22		
15	64QAM	75	0	20.39	20.42	20.27		
15	256QAM	1	0	18.23	18.30	18.26	19	5
15	256QAM	1	37	18.22	18.24	18.25		
15	256QAM	1	74	18.04	18.24	18.15		
15	256QAM	36	0	18.26	18.28	18.21	19	5
15	256QAM	36	20	18.21	18.22	18.05		
15	256QAM	36	39	18.03	18.21	18.11		
15	256QAM	75	0	18.13	18.28	18.09		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	23.50	23.54	23.45	24	0
10	QPSK	1	25	23.51	23.48	23.34		
10	QPSK	1	49	23.42	23.38	23.37		
10	QPSK	25	0	22.48	22.51	22.36	23	1
10	QPSK	25	12	22.31	22.48	22.31		
10	QPSK	25	25	22.27	22.38	22.18		
10	QPSK	50	0	22.35	22.40	22.24		
10	16QAM	1	0	22.32	22.33	22.32	23	1
10	16QAM	1	25	22.23	22.36	22.29		
10	16QAM	1	49	22.24	22.21	22.22		
10	16QAM	25	0	21.34	21.44	21.35	22	2
10	16QAM	25	12	21.32	21.36	21.31		
10	16QAM	25	25	21.23	21.31	21.16		
10	16QAM	50	0	21.24	21.43	21.27		
10	64QAM	1	0	21.19	21.34	21.25	22	2
10	64QAM	1	25	21.16	21.25	21.20		
10	64QAM	1	49	21.15	21.27	21.06		
10	64QAM	25	0	20.32	20.40	20.35	21	3
10	64QAM	25	12	20.33	20.40	20.30		
10	64QAM	25	25	20.25	20.35	20.13		
10	64QAM	50	0	20.34	20.40	20.27		
10	256QAM	1	0	18.30	18.34	18.19	19	5
10	256QAM	1	25	18.23	18.31	18.27		
10	256QAM	1	49	18.09	18.18	18.04		
10	256QAM	25	0	18.29	18.23	18.20	19	5
10	256QAM	25	12	18.16	18.29	18.10		
10	256QAM	25	25	18.05	18.18	18.14		
10	256QAM	50	0	18.20	18.18	18.12		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	23.47	23.59	23.50	24	0
5	QPSK	1	12	23.49	23.55	23.44		
5	QPSK	1	24	23.36	23.43	23.32		
5	QPSK	12	0	22.37	22.44	22.32	23	1
5	QPSK	12	7	22.27	22.41	22.31		
5	QPSK	12	13	22.26	22.31	22.23		
5	QPSK	25	0	22.41	22.38	22.24		
5	16QAM	1	0	22.28	22.31	22.31	23	1
5	16QAM	1	12	22.28	22.29	22.32		
5	16QAM	1	24	22.19	22.25	22.22		
5	16QAM	12	0	21.31	21.46	21.45	22	2
5	16QAM	12	7	21.32	21.44	21.37		
5	16QAM	12	13	21.19	21.32	21.20		
5	16QAM	25	0	21.25	21.39	21.33		
5	64QAM	1	0	21.24	21.28	21.26	22	2
5	64QAM	1	12	21.26	21.32	21.22		
5	64QAM	1	24	21.15	21.15	21.08		
5	64QAM	12	0	20.32	20.47	20.26	21	3
5	64QAM	12	7	20.28	20.44	20.27		
5	64QAM	12	13	20.20	20.35	20.17		
5	64QAM	25	0	20.31	20.42	20.25		
5	256QAM	1	0	18.30	18.35	18.15	19	5
5	256QAM	1	12	18.22	18.30	18.29		
5	256QAM	1	24	18.06	18.29	18.07		
5	256QAM	12	0	18.28	18.26	18.27	19	5
5	256QAM	12	7	18.13	18.23	18.10		
5	256QAM	12	13	18.03	18.12	18.06		
5	256QAM	25	0	18.15	18.20	18.15		

Band 48 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.72	23.88	23.79	23.66	24	0
20	QPSK	1	49	23.56	23.76	23.61	23.54		
20	QPSK	1	99	23.56	23.65	23.58	23.60		
20	QPSK	50	0	23.64	23.74	23.57	23.53	24	0
20	QPSK	50	24	23.48	23.66	23.49	23.50		
20	QPSK	50	50	23.49	23.49	23.45	23.37		
20	QPSK	100	0	23.52	23.68	23.59	23.48		
20	16QAM	1	0	23.67	23.84	23.73	23.52	24	0
20	16QAM	1	49	23.65	23.74	23.66	23.62		
20	16QAM	1	99	23.64	23.66	23.64	23.49		
20	16QAM	50	0	22.62	22.75	22.66	22.71	23	1
20	16QAM	50	24	22.59	22.70	22.63	22.63		
20	16QAM	50	50	22.56	22.63	22.58	22.48		
20	16QAM	100	0	22.65	22.69	22.58	22.57		
20	64QAM	1	0	22.52	22.61	22.57	22.54	23	1
20	64QAM	1	49	22.46	22.56	22.50	22.49		
20	64QAM	1	99	22.37	22.49	22.40	22.35		
20	64QAM	50	0	21.60	21.74	21.66	21.68	22	2
20	64QAM	50	24	21.57	21.69	21.55	21.59		
20	64QAM	50	50	21.57	21.62	21.52	21.57		
20	64QAM	100	0	21.64	21.70	21.60	21.60		
20	256QAM	1	0	19.54	19.64	19.53	19.56	20	4
20	256QAM	1	49	19.55	19.59	19.45	19.52		
20	256QAM	1	99	19.46	19.52	19.48	19.40		
20	256QAM	50	0	19.54	19.58	19.44	19.52	20	4
20	256QAM	50	24	19.39	19.53	19.39	19.41		
20	256QAM	50	50	19.43	19.46	19.36	19.40		
20	256QAM	100	0	19.43	19.52	19.40	19.47		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.58	23.83	23.65	23.60	24	0
15	QPSK	1	37	23.49	23.62	23.51	23.42		
15	QPSK	1	74	23.52	23.51	23.50	23.51		
15	QPSK	36	0	23.54	23.69	23.49	23.42	24	0
15	QPSK	36	20	23.33	23.62	23.35	23.37		
15	QPSK	36	39	23.38	23.44	23.40	23.34		
15	QPSK	75	0	23.44	23.64	23.52	23.38		
15	16QAM	1	0	23.52	23.76	23.59	23.40	24	0
15	16QAM	1	37	23.51	23.60	23.62	23.51		
15	16QAM	1	74	23.59	23.51	23.50	23.45		
15	16QAM	36	0	22.58	22.69	22.57	22.66	23	1
15	16QAM	36	20	22.48	22.65	22.49	22.49		
15	16QAM	36	39	22.53	22.49	22.55	22.40		
15	16QAM	75	0	22.51	22.58	22.53	22.48		
15	64QAM	1	0	22.48	22.47	22.44	22.46	23	1
15	64QAM	1	37	22.33	22.52	22.43	22.45		
15	64QAM	1	74	22.23	22.42	22.28	22.31		
15	64QAM	36	0	21.54	21.64	21.56	21.59	22	2
15	64QAM	36	20	21.44	21.64	21.45	21.49		
15	64QAM	36	39	21.50	21.58	21.38	21.53		
15	64QAM	75	0	21.58	21.63	21.55	21.54		
15	256QAM	1	0	19.46	19.51	19.40	19.49	20	4
15	256QAM	1	37	19.48	19.53	19.41	19.40		
15	256QAM	1	74	19.41	19.47	19.44	19.25		
15	256QAM	36	0	19.46	19.44	19.34	19.41	20	4
15	256QAM	36	20	19.30	19.39	19.31	19.33		
15	256QAM	36	39	19.39	19.33	19.23	19.26		
15	256QAM	75	0	19.31	19.46	19.27	19.40		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.65	23.74	23.67	23.61	24	0
10	QPSK	1	25	23.49	23.70	23.49	23.47		
10	QPSK	1	49	23.43	23.56	23.48	23.55		
10	QPSK	25	0	23.53	23.61	23.50	23.47	24	0
10	QPSK	25	12	23.40	23.54	23.45	23.42		
10	QPSK	25	25	23.45	23.37	23.31	23.27		
10	QPSK	50	0	23.40	23.62	23.53	23.44		
10	16QAM	1	0	23.59	23.80	23.65	23.46	24	0
10	16QAM	1	25	23.51	23.64	23.62	23.47		
10	16QAM	1	49	23.54	23.56	23.60	23.42		
10	16QAM	25	0	22.51	22.62	22.56	22.62	23	1
10	16QAM	25	12	22.54	22.59	22.57	22.59		
10	16QAM	25	25	22.51	22.49	22.54	22.34		
10	16QAM	50	0	22.50	22.58	22.49	22.45		
10	64QAM	1	0	22.47	22.53	22.52	22.39	23	1
10	64QAM	1	25	22.33	22.42	22.44	22.38		
10	64QAM	1	49	22.29	22.41	22.32	22.29		
10	64QAM	25	0	21.54	21.66	21.62	21.64	22	2
10	64QAM	25	12	21.52	21.61	21.49	21.45		
10	64QAM	25	25	21.53	21.54	21.45	21.45		
10	64QAM	50	0	21.52	21.61	21.52	21.47		
10	256QAM	1	0	19.49	19.53	19.45	19.44	20	4
10	256QAM	1	25	19.43	19.54	19.34	19.48		
10	256QAM	1	49	19.38	19.39	19.35	19.28		
10	256QAM	25	0	19.47	19.46	19.33	19.45	20	4
10	256QAM	25	12	19.30	19.45	19.24	19.32		
10	256QAM	25	25	19.32	19.42	19.30	19.29		
10	256QAM	50	0	19.35	19.39	19.26	19.38		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	23.67	23.77	23.66	23.54	24	0
5	QPSK	1	12	23.43	23.69	23.50	23.45		
5	QPSK	1	24	23.53	23.59	23.55	23.55		
5	QPSK	12	0	23.56	23.71	23.48	23.45	24	0
5	QPSK	12	7	23.44	23.60	23.38	23.36		
5	QPSK	12	13	23.41	23.35	23.31	23.29		
5	QPSK	25	0	23.44	23.59	23.45	23.43		
5	16QAM	1	0	23.53	23.73	23.69	23.49	24	0
5	16QAM	1	12	23.53	23.66	23.57	23.55		
5	16QAM	1	24	23.55	23.61	23.49	23.40		
5	16QAM	12	0	22.52	22.71	22.54	22.68	23	1
5	16QAM	12	7	22.52	22.60	22.51	22.55		
5	16QAM	12	13	22.43	22.55	22.47	22.36		
5	16QAM	25	0	22.59	22.63	22.49	22.43		
5	64QAM	1	0	22.46	22.58	22.51	22.42	23	1
5	64QAM	1	12	22.34	22.50	22.42	22.34		
5	64QAM	1	24	22.24	22.39	22.25	22.24		
5	64QAM	12	0	21.51	21.69	21.51	21.59	22	2
5	64QAM	12	7	21.43	21.56	21.50	21.46		
5	64QAM	12	13	21.43	21.52	21.43	21.45		
5	64QAM	25	0	21.58	21.58	21.51	21.47		
5	256QAM	1	0	19.44	19.52	19.43	19.46	20	4
5	256QAM	1	12	19.48	19.49	19.38	19.42		
5	256QAM	1	24	19.32	19.47	19.42	19.33		
5	256QAM	12	0	19.48	19.54	19.33	19.48	20	4
5	256QAM	12	7	19.27	19.47	19.35	19.33		
5	256QAM	12	13	19.40	19.38	19.28	19.28		
5	256QAM	25	0	19.37	19.47	19.36	19.40		

GSM1900 Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.02	28.11	28.08	28.70	19.02	19.11	19.08	19.70
GPRS 1 Tx slot	28.05	28.17	28.13	28.70	19.05	19.17	19.13	19.70
GPRS 2 Tx slots	25.08	25.21	25.12	25.70	19.08	19.21	19.12	19.70
GPRS 3 Tx slots	22.73	22.84	22.80	24.00	18.47	18.58	18.54	19.74
GPRS 4 Tx slots	20.88	20.99	20.89	22.70	17.88	17.99	17.89	19.70
EDGE 1 Tx slot	24.14	24.28	24.22	25.50	15.14	15.28	15.22	16.50
EDGE 2 Tx slots	22.45	22.58	22.49	24.00	16.45	16.56	16.49	18.00
EDGE 3 Tx slots	21.38	21.49	21.46	22.50	17.12	17.23	17.20	18.24
EDGE 4 Tx slots	19.33	19.42	19.39	20.50	16.33	16.42	16.39	17.50

Band		WCDMA II Ant 2			Tune-up Limit (dBm)	WCDMA IV Ant 2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.75	16.80	16.81	18.10	20.39	20.47	20.41	21.80
3GPP Rel 99	RMC 12.2Kbps	16.94	17.00	16.83	18.10	20.49	20.66	20.46	21.80
3GPP Rel 6	HSDPA Subtest-1	15.90	16.06	15.76	17.10	19.53	19.71	19.39	20.80
3GPP Rel 6	HSDPA Subtest-2	15.86	15.95	15.75	17.10	19.57	19.71	19.33	20.80
3GPP Rel 6	HSDPA Subtest-3	15.17	15.45	15.38	16.60	18.91	19.02	18.94	20.30
3GPP Rel 6	HSDPA Subtest-4	15.38	15.54	15.52	16.60	18.84	19.04	19.02	20.30
3GPP Rel 8	DC-HSDPA Subtest-1	15.91	16.04	15.80	17.10	19.39	19.67	19.59	20.80
3GPP Rel 8	DC-HSDPA Subtest-2	15.69	15.80	15.79	17.10	19.29	19.27	19.26	20.80
3GPP Rel 8	DC-HSDPA Subtest-3	15.22	15.18	15.18	16.60	18.90	18.92	18.95	20.30
3GPP Rel 8	DC-HSDPA Subtest-4	15.21	15.22	15.28	16.60	18.81	18.92	18.71	20.30
3GPP Rel 6	HSUPA Subtest-1	15.80	16.04	16.12	17.10	19.53	19.64	19.67	20.80
3GPP Rel 6	HSUPA Subtest-2	13.84	13.90	13.79	15.10	17.60	17.56	17.35	18.80
3GPP Rel 6	HSUPA Subtest-3	14.75	14.96	14.80	16.10	18.60	18.43	18.56	19.80
3GPP Rel 6	HSUPA Subtest-4	13.66	13.75	13.71	15.10	17.30	17.55	17.43	18.80
3GPP Rel 6	HSUPA Subtest-5	16.05	15.85	15.88	17.10	19.62	19.45	19.52	20.80

Band 2 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	17.49	17.76	17.64	18.7	0
20	QPSK	1	49	17.50	17.72	17.56		
20	QPSK	1	99	17.37	17.55	17.42		
20	QPSK	50	0	17.35	17.60	17.39		
20	QPSK	50	24	17.36	17.56	17.54		
20	QPSK	50	50	17.39	17.30	17.47		
20	QPSK	100	0	17.32	17.49	17.46		
20	16QAM	1	0	17.39	17.63	17.54		
20	16QAM	1	49	17.35	17.57	17.48		
20	16QAM	1	99	17.16	17.50	17.31		
20	16QAM	50	0	17.20	17.42	17.31		
20	16QAM	50	24	17.27	17.29	17.41		
20	16QAM	50	50	17.24	17.18	17.36		
20	16QAM	100	0	17.23	17.34	17.36		
20	64QAM	1	0	17.35	17.62	17.66		
20	64QAM	1	49	17.31	17.53	17.41		
20	64QAM	1	99	17.29	17.42	17.39		
20	64QAM	50	0	17.32	17.40	17.34		
20	64QAM	50	24	17.22	17.42	17.34		
20	64QAM	50	50	17.28	17.15	17.38		
20	64QAM	100	0	17.16	17.36	17.26		
20	256QAM	1	0	16.93	16.96	16.82		
20	256QAM	1	49	16.87	16.91	16.80	17.5	1.2
20	256QAM	1	99	16.80	16.84	16.73		
20	256QAM	50	0	16.71	16.83	16.74		
20	256QAM	50	24	16.64	16.78	16.72		
20	256QAM	50	50	16.66	16.71	16.60		
20	256QAM	100	0	16.73	16.78	16.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.47	17.66	17.59	18.7	0
15	QPSK	1	37	17.35	17.62	17.53		
15	QPSK	1	74	17.28	17.50	17.30		
15	QPSK	36	0	17.31	17.49	17.31		
15	QPSK	36	20	17.27	17.53	17.49		
15	QPSK	36	39	17.23	17.17	17.37		
15	QPSK	75	0	17.28	17.40	17.30		
15	16QAM	1	0	17.34	17.51	17.45		
15	16QAM	1	37	17.22	17.51	17.45	18.7	0
15	16QAM	1	74	17.07	17.32	17.18		
15	16QAM	36	0	17.14	17.32	17.28		
15	16QAM	36	20	17.20	17.24	17.39	18.7	0
15	16QAM	36	39	17.07	17.13	17.25		
15	16QAM	75	0	17.13	17.29	17.21		
15	64QAM	1	0	17.25	17.50	17.52		
15	64QAM	1	37	17.29	17.45	17.35	18.7	0
15	64QAM	1	74	17.20	17.37	17.25		
15	64QAM	36	0	17.18	17.31	17.28		
15	64QAM	36	20	17.07	17.28	17.28	18.7	0
15	64QAM	36	39	17.12	16.99	17.26		
15	64QAM	75	0	17.00	17.31	17.22		
15	256QAM	1	0	16.86	16.89	16.71		
15	256QAM	1	37	16.74	16.86	16.70	17.5	1.2
15	256QAM	1	74	16.76	16.76	16.69		
15	256QAM	36	0	16.63	16.73	16.71		
15	256QAM	36	20	16.56	16.73	16.63	17.5	1.2
15	256QAM	36	39	16.58	16.62	16.56		
15	256QAM	75	0	16.62	16.74	16.63		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.46	17.64	17.51	18.7	0
10	QPSK	1	25	17.47	17.68	17.41		
10	QPSK	1	49	17.27	17.40	17.39		
10	QPSK	25	0	17.30	17.52	17.35		
10	QPSK	25	12	17.21	17.39	17.50	18.7	0
10	QPSK	25	25	17.22	17.19	17.35		
10	QPSK	50	0	17.26	17.33	17.42		
10	16QAM	1	0	17.26	17.52	17.52		
10	16QAM	1	25	17.24	17.55	17.41	18.7	0
10	16QAM	1	49	17.07	17.33	17.28		
10	16QAM	25	0	17.13	17.40	17.16		
10	16QAM	25	12	17.12	17.19	17.32	18.7	0
10	16QAM	25	25	17.11	17.01	17.20		
10	16QAM	50	0	17.09	17.24	17.24		
10	64QAM	1	0	17.22	17.54	17.62	18.7	0
10	64QAM	1	25	17.14	17.45	17.29		
10	64QAM	1	49	17.25	17.26	17.36		
10	64QAM	25	0	17.22	17.38	17.18		
10	64QAM	25	12	17.12	17.29	17.28	18.7	0
10	64QAM	25	25	17.12	17.05	17.27		
10	64QAM	50	0	17.11	17.27	17.10		
10	256QAM	1	0	16.89	16.83	16.68		
10	256QAM	1	25	16.80	16.79	16.69	17.5	1.2
10	256QAM	1	49	16.69	16.74	16.64		
10	256QAM	25	0	16.65	16.77	16.62		
10	256QAM	25	12	16.53	16.68	16.67	17.5	1.2
10	256QAM	25	25	16.59	16.67	16.46		
10	256QAM	50	0	16.62	16.73	16.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.42	17.59	17.53	18.7	0
5	QPSK	1	12	17.43	17.56	17.40		
5	QPSK	1	24	17.28	17.48	17.39		
5	QPSK	12	0	17.22	17.57	17.33		
5	QPSK	12	7	17.26	17.38	17.43	18.7	0
5	QPSK	12	13	17.29	17.21	17.29		
5	QPSK	25	0	17.19	17.43	17.31		
5	16QAM	1	0	17.32	17.50	17.47		
5	16QAM	1	12	17.25	17.50	17.44	18.7	0
5	16QAM	1	24	17.03	17.46	17.26		
5	16QAM	12	0	17.04	17.25	17.28		
5	16QAM	12	7	17.21	17.22	17.23	18.7	0
5	16QAM	12	13	17.19	17.09	17.18		
5	16QAM	25	0	17.05	17.25	17.19		
5	64QAM	1	0	17.23	17.50	17.48		
5	64QAM	1	12	17.16	17.50	17.33	18.7	0
5	64QAM	1	24	17.25	17.38	17.21		
5	64QAM	12	0	17.16	17.32	17.19		
5	64QAM	12	7	17.13	17.31	17.22	18.7	0
5	64QAM	12	13	17.13	17.05	17.34		
5	64QAM	25	0	16.99	17.22	17.10		
5	256QAM	1	0	16.83	16.88	16.73		
5	256QAM	1	12	16.77	16.84	16.72	17.5	1.2
5	256QAM	1	24	16.69	16.77	16.67		
5	256QAM	12	0	16.59	16.78	16.63		
5	256QAM	12	7	16.53	16.71	16.62	17.5	1.2
5	256QAM	12	13	16.61	16.63	16.46		
5	256QAM	25	0	16.62	16.74	16.64		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.33	17.59	17.47	18.7	0
3	QPSK	1	8	17.34	17.68	17.39		
3	QPSK	1	14	17.27	17.49	17.39		
3	QPSK	8	0	17.30	17.46	17.32		
3	QPSK	8	4	17.25	17.38	17.39	18.7	0
3	QPSK	8	7	17.30	17.14	17.39		
3	QPSK	15	0	17.24	17.34	17.32		
3	16QAM	1	0	17.37	17.50	17.50		
3	16QAM	1	8	17.25	17.45	17.41	18.7	0
3	16QAM	1	14	17.02	17.47	17.28		
3	16QAM	8	0	17.08	17.32	17.17		
3	16QAM	8	4	17.24	17.29	17.29	18.7	0
3	16QAM	8	7	17.14	17.11	17.29		
3	16QAM	15	0	17.15	17.23	17.27		
3	64QAM	1	0	17.28	17.56	17.57		
3	64QAM	1	8	17.28	17.39	17.34	18.7	0
3	64QAM	1	14	17.25	17.34	17.25		
3	64QAM	8	0	17.21	17.36	17.30		
3	64QAM	8	4	17.08	17.33	17.29	18.7	0
3	64QAM	8	7	17.26	17.06	17.22		
3	64QAM	15	0	17.06	17.31	17.18		
3	256QAM	1	0	16.80	16.83	16.72		
3	256QAM	1	8	16.73	16.84	16.65	17.5	1.2
3	256QAM	1	14	16.76	16.79	16.68		
3	256QAM	8	0	16.62	16.72	16.63		
3	256QAM	8	4	16.53	16.74	16.67	17.5	1.2
3	256QAM	8	7	16.57	16.67	16.50		
3	256QAM	15	0	16.64	16.71	16.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.44	17.66	17.56	18.7	0
1.4	QPSK	1	3	17.36	17.66	17.42		
1.4	QPSK	1	5	17.30	17.52	17.34		
1.4	QPSK	3	0	17.32	17.50	17.22		
1.4	QPSK	3	1	17.19	17.54	17.37		
1.4	QPSK	3	3	17.24	17.14	17.38		
1.4	QPSK	6	0	17.21	17.45	17.43	18.7	0
1.4	16QAM	1	0	17.35	17.52	17.43	18.7	0
1.4	16QAM	1	3	17.28	17.55	17.35		
1.4	16QAM	1	5	17.09	17.36	17.15		
1.4	16QAM	3	0	17.10	17.32	17.28		
1.4	16QAM	3	1	17.19	17.19	17.28		
1.4	16QAM	3	3	17.17	17.11	17.29		
1.4	16QAM	6	0	17.06	17.17	17.23	18.7	0
1.4	64QAM	1	0	17.31	17.54	17.62	18.7	0
1.4	64QAM	1	3	17.13	17.47	17.24		
1.4	64QAM	1	5	17.26	17.27	17.34		
1.4	64QAM	3	0	17.29	17.25	17.19		
1.4	64QAM	3	1	17.16	17.27	17.29		
1.4	64QAM	3	3	17.15	16.97	17.23		
1.4	64QAM	6	0	17.01	17.28	17.13	18.7	0
1.4	256QAM	1	0	16.87	16.86	16.74	17.5	1.2
1.4	256QAM	1	3	16.76	16.85	16.71		
1.4	256QAM	1	5	16.69	16.72	16.60		
1.4	256QAM	3	0	16.63	16.73	16.67		
1.4	256QAM	3	1	16.52	16.68	16.60		
1.4	256QAM	3	3	16.57	16.59	16.46		
1.4	256QAM	6	0	16.66	16.71	16.61	17.5	1.2

Band 4 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.42	20.52	20.49	21.6	0
20	QPSK	1	49	20.21	20.35	20.27		
20	QPSK	1	99	20.28	20.44	20.35		
20	QPSK	50	0	20.40	20.45	20.35		
20	QPSK	50	24	20.16	20.29	20.10	21.5	0.1
20	QPSK	50	50	20.29	20.23	20.22		
20	QPSK	100	0	20.31	20.35	20.33		
20	16QAM	1	0	20.33	20.51	20.21		
20	16QAM	1	49	20.09	20.22	20.21	21.5	0.1
20	16QAM	1	99	20.22	20.31	20.21		
20	16QAM	50	0	19.91	19.97	19.94		
20	16QAM	50	24	19.78	19.92	19.80	20.5	1.1
20	16QAM	50	50	19.80	19.85	19.79		
20	16QAM	100	0	19.81	19.91	19.78		
20	64QAM	1	0	19.71	19.83	19.68		
20	64QAM	1	49	19.69	19.78	19.69	20.5	1.1
20	64QAM	1	99	19.61	19.71	19.57		
20	64QAM	50	0	18.80	18.92	18.86		
20	64QAM	50	24	18.79	18.87	18.80	19.5	2.1
20	64QAM	50	50	18.76	18.80	18.66		
20	64QAM	100	0	18.83	18.86	18.77		
20	256QAM	1	0	16.85	16.92	16.86		
20	256QAM	1	49	16.73	16.87	16.79	17.5	4.1
20	256QAM	1	99	16.71	16.80	16.70		
20	256QAM	50	0	16.78	16.88	16.85		
20	256QAM	50	24	16.79	16.83	16.70	17.5	4.1
20	256QAM	50	50	16.68	16.76	16.66		
20	256QAM	100	0	16.70	16.84	16.78		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.26	20.42	20.44	21.6	0
15	QPSK	1	37	20.04	20.33	20.19		
15	QPSK	1	74	20.22	20.39	20.23		
15	QPSK	36	0	20.24	20.38	20.22		
15	QPSK	36	20	20.12	20.20	20.02	21.5	0.1
15	QPSK	36	39	20.18	20.15	20.18		
15	QPSK	75	0	20.23	20.18	20.23		
15	16QAM	1	0	20.23	20.37	20.11		
15	16QAM	1	37	20.05	20.10	20.08	21.5	0.1
15	16QAM	1	74	20.07	20.20	20.12		
15	16QAM	36	0	19.79	19.93	19.88		
15	16QAM	36	20	19.69	19.78	19.66	20.5	1.1
15	16QAM	36	39	19.75	19.71	19.66		
15	16QAM	75	0	19.70	19.84	19.65		
15	64QAM	1	0	19.57	19.79	19.54		
15	64QAM	1	37	19.60	19.71	19.59	20.5	1.1
15	64QAM	1	74	19.56	19.67	19.44		
15	64QAM	36	0	18.66	18.76	18.72		
15	64QAM	36	20	18.67	18.75	18.69	19.5	2.1
15	64QAM	36	39	18.72	18.72	18.56		
15	64QAM	75	0	18.68	18.79	18.64		
15	256QAM	1	0	16.79	16.81	16.72		
15	256QAM	1	37	16.66	16.79	16.76	17.5	4.1
15	256QAM	1	74	16.67	16.70	16.65		
15	256QAM	36	0	16.69	16.78	16.80		
15	256QAM	36	20	16.73	16.77	16.59	17.5	4.1
15	256QAM	36	39	16.64	16.67	16.63		
15	256QAM	75	0	16.59	16.73	16.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.31	20.42	20.46	21.6	0
10	QPSK	1	25	20.13	20.30	20.22		
10	QPSK	1	49	20.12	20.40	20.20		
10	QPSK	25	0	20.35	20.36	20.25		
10	QPSK	25	12	20.13	20.17	20.03	21.5	0.1
10	QPSK	25	25	20.19	20.14	20.18		
10	QPSK	50	0	20.23	20.19	20.24		
10	16QAM	1	0	20.18	20.48	20.10		
10	16QAM	1	25	20.06	20.20	20.10	21.5	0.1
10	16QAM	1	49	20.16	20.21	20.06		
10	16QAM	25	0	19.83	19.86	19.85		
10	16QAM	25	12	19.75	19.89	19.70	20.5	1.1
10	16QAM	25	25	19.72	19.80	19.71		
10	16QAM	50	0	19.73	19.83	19.71		
10	64QAM	1	0	19.66	19.72	19.61		
10	64QAM	1	25	19.65	19.64	19.60	20.5	1.1
10	64QAM	1	49	19.54	19.64	19.44		
10	64QAM	25	0	18.77	18.84	18.72		
10	64QAM	25	12	18.76	18.79	18.70	19.5	2.1
10	64QAM	25	25	18.65	18.68	18.56		
10	64QAM	50	0	18.77	18.75	18.69		
10	256QAM	1	0	16.73	16.84	16.78		
10	256QAM	1	25	16.66	16.81	16.66	17.5	4.1
10	256QAM	1	49	16.64	16.75	16.60		
10	256QAM	25	0	16.64	16.79	16.79		
10	256QAM	25	12	16.66	16.69	16.56	17.5	4.1
10	256QAM	25	25	16.55	16.66	16.63		
10	256QAM	50	0	16.63	16.75	16.64		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.31	20.49	20.43	21.6	0
5	QPSK	1	12	20.17	20.29	20.17		
5	QPSK	1	24	20.17	20.28	20.24		
5	QPSK	12	0	20.24	20.42	20.29		
5	QPSK	12	7	20.01	20.12	19.97	21.5	0.1
5	QPSK	12	13	20.27	20.06	20.05		
5	QPSK	25	0	20.22	20.22	20.23		
5	16QAM	1	0	20.21	20.38	20.16		
5	16QAM	1	12	20.05	20.05	20.11	21.5	0.1
5	16QAM	1	24	20.13	20.19	20.08		
5	16QAM	12	0	19.77	19.87	19.84		
5	16QAM	12	7	19.72	19.78	19.75	20.5	1.1
5	16QAM	12	13	19.70	19.78	19.64		
5	16QAM	25	0	19.66	19.78	19.69		
5	64QAM	1	0	19.62	19.72	19.56		
5	64QAM	1	12	19.56	19.74	19.65	20.5	1.1
5	64QAM	1	24	19.48	19.56	19.45		
5	64QAM	12	0	18.77	18.86	18.82		
5	64QAM	12	7	18.72	18.79	18.67	19.5	2.1
5	64QAM	12	13	18.64	18.68	18.51		
5	64QAM	25	0	18.70	18.80	18.71		
5	256QAM	1	0	16.82	16.79	16.81		
5	256QAM	1	12	16.69	16.78	16.66	17.5	4.1
5	256QAM	1	24	16.68	16.73	16.55		
5	256QAM	12	0	16.71	16.74	16.75		
5	256QAM	12	7	16.76	16.75	16.60	17.5	4.1
5	256QAM	12	13	16.64	16.64	16.52		
5	256QAM	25	0	16.65	16.80	16.65		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.28	20.34	20.33	21.6	0
3	QPSK	1	8	20.12	20.17	20.22		
3	QPSK	1	14	20.26	20.38	20.28		
3	QPSK	8	0	20.26	20.36	20.32		
3	QPSK	8	4	20.01	20.16	20.07	21.5	0.1
3	QPSK	8	7	20.19	20.12	20.19		
3	QPSK	15	0	20.25	20.25	20.19		
3	16QAM	1	0	20.27	20.34	20.09		
3	16QAM	1	8	20.05	20.07	20.10	21.5	0.1
3	16QAM	1	14	20.17	20.23	20.11		
3	16QAM	8	0	19.78	19.83	19.84		
3	16QAM	8	4	19.72	19.82	19.74	20.5	1.1
3	16QAM	8	7	19.66	19.81	19.68		
3	16QAM	15	0	19.76	19.77	19.68		
3	64QAM	1	0	19.59	19.79	19.58		
3	64QAM	1	8	19.57	19.73	19.66	20.5	1.1
3	64QAM	1	14	19.58	19.61	19.50		
3	64QAM	8	0	18.76	18.79	18.79		
3	64QAM	8	4	18.67	18.77	18.67	19.5	2.1
3	64QAM	8	7	18.68	18.75	18.63		
3	64QAM	15	0	18.79	18.81	18.65		
3	256QAM	1	0	16.77	16.79	16.77		
3	256QAM	1	8	16.59	16.79	16.64	17.5	4.1
3	256QAM	1	14	16.63	16.75	16.58		
3	256QAM	8	0	16.74	16.83	16.77		
3	256QAM	8	4	16.72	16.75	16.58	17.5	4.1
3	256QAM	8	7	16.60	16.64	16.55		
3	256QAM	15	0	16.57	16.70	16.70		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.36	20.43	20.44	21.6	0
1.4	QPSK	1	3	20.07	20.21	20.25		
1.4	QPSK	1	5	20.26	20.38	20.30		
1.4	QPSK	3	0	20.27	20.49	20.34		
1.4	QPSK	3	1	20.06	20.31	20.13		
1.4	QPSK	3	3	20.22	20.27	20.28		
1.4	QPSK	6	0	20.31	20.36	20.25	21.5	0.1
1.4	16QAM	1	0	20.02	20.17	20.01	21.5	0.1
1.4	16QAM	1	3	20.20	20.12	20.18		
1.4	16QAM	1	5	20.22	20.21	20.26		
1.4	16QAM	3	0	20.25	20.42	20.12		
1.4	16QAM	3	1	19.97	20.08	20.17		
1.4	16QAM	3	3	20.12	20.25	20.05		
1.4	16QAM	6	0	19.76	19.92	19.89	20.5	1.1
1.4	64QAM	1	0	19.66	19.88	19.70	20.5	1.1
1.4	64QAM	1	3	19.74	19.71	19.75		
1.4	64QAM	1	5	19.72	19.77	19.72		
1.4	64QAM	3	0	19.56	19.75	19.64		
1.4	64QAM	3	1	19.58	19.66	19.64		
1.4	64QAM	3	3	19.51	19.57	19.54		
1.4	64QAM	6	0	18.66	18.78	18.72	19.5	2.1
1.4	256QAM	1	0	16.80	16.82	16.78	17.5	4.1
1.4	256QAM	1	3	16.69	16.83	16.67		
1.4	256QAM	1	5	16.66	16.66	16.61		
1.4	256QAM	3	0	16.66	16.76	16.74		
1.4	256QAM	3	1	16.67	16.68	16.61		
1.4	256QAM	3	3	16.62	16.69	16.55		
1.4	256QAM	6	0	16.65	16.79	16.67	17.5	4.1

Band 7 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.11	13.27	13.19	14.3	0
20	QPSK	1	49	13.06	13.17	13.16		
20	QPSK	1	99	12.91	13.05	13.10		
20	QPSK	50	0	12.95	13.17	13.01		
20	QPSK	50	24	12.96	13.07	12.91	14.3	0
20	QPSK	50	50	12.80	13.02	13.01		
20	QPSK	100	0	13.05	13.11	13.00		
20	16QAM	1	0	13.06	13.08	13.00		
20	16QAM	1	49	12.

Band 25 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.61	17.84	17.73		
20	QPSK	1	49	17.58	17.75	17.61	18.7	0
20	QPSK	1	99	17.41	17.66	17.57		
20	QPSK	50	0	17.48	17.67	17.56		
20	QPSK	50	24	17.47	17.60	17.59	18.7	0
20	QPSK	50	50	17.52	17.44	17.58		
20	QPSK	100	0	17.45	17.65	17.49		
20	16QAM	1	0	17.53	17.76	17.60		
20	16QAM	1	49	17.47	17.71	17.53	18.7	0
20	16QAM	1	99	17.32	17.61	17.48		
20	16QAM	50	0	17.36	17.57	17.44		
20	16QAM	50	24	17.30	17.45	17.53	18.7	0
20	16QAM	50	50	17.39	17.31	17.50		
20	16QAM	100	0	17.34	17.52	17.42		
20	64QAM	1	0	17.46	17.77	17.69		
20	64QAM	1	49	17.44	17.59	17.49	18.7	0
20	64QAM	1	99	17.34	17.52	17.45		
20	64QAM	50	0	17.38	17.57	17.46		
20	64QAM	50	24	17.35	17.54	17.47	18.7	0
20	64QAM	50	50	17.42	17.29	17.56		
20	64QAM	100	0	17.27	17.48	17.37		
20	256QAM	1	0	17.11	17.17	17.06		
20	256QAM	1	49	17.04	17.12	17.05	17.5	1.2
20	256QAM	1	99	17.00	17.05	16.93		
20	256QAM	50	0	16.90	16.97	16.87		
20	256QAM	50	24	16.88	16.92	16.89	17.5	1.2
20	256QAM	50	50	16.74	16.85	16.71		
20	256QAM	100	0	16.84	16.99	16.95		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.56	17.79	17.70		
15	QPSK	1	37	17.49	17.69	17.45	18.7	0
15	QPSK	1	74	17.29	17.49	17.41		
15	QPSK	36	0	17.38	17.49	17.43		
15	QPSK	36	20	17.29	17.47	17.46	18.7	0
15	QPSK	36	39	17.36	17.34	17.55		
15	QPSK	75	0	17.31	17.53	17.45		
15	16QAM	1	0	17.46	17.61	17.46		
15	16QAM	1	37	17.41	17.61	17.40	18.7	0
15	16QAM	1	74	17.28	17.47	17.32		
15	16QAM	36	0	17.32	17.48	17.36		
15	16QAM	36	20	17.22	17.39	17.50	18.7	0
15	16QAM	36	39	17.32	17.18	17.39		
15	16QAM	75	0	17.27	17.38	17.31		
15	64QAM	1	0	17.34	17.65	17.60		
15	64QAM	1	37	17.35	17.56	17.35	18.7	0
15	64QAM	1	74	17.21	17.39	17.34		
15	64QAM	36	0	17.33	17.43	17.38		
15	64QAM	36	20	17.21	17.36	17.42	18.7	0
15	64QAM	36	39	17.24	17.18	17.41		
15	64QAM	75	0	17.11	17.43	17.32		
15	256QAM	1	0	16.97	17.13	16.92		
15	256QAM	1	37	16.92	17.00	17.00	17.5	1.2
15	256QAM	1	74	16.86	16.95	16.87		
15	256QAM	36	0	16.81	16.88	16.81		
15	256QAM	36	20	16.77	16.86	16.76	17.5	1.2
15	256QAM	36	39	16.64	16.74	16.66		
15	256QAM	75	0	16.71	16.92	16.92		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.56	17.67	17.68		
10	QPSK	1	25	17.56	17.60	17.55	18.7	0
10	QPSK	1	49	17.28	17.61	17.51		
10	QPSK	25	0	17.40	17.61	17.48		
10	QPSK	25	12	17.39	17.57	17.56	18.7	0
10	QPSK	25	25	17.46	17.35	17.44		
10	QPSK	50	0	17.30	17.60	17.36		
10	16QAM	1	0	17.46	17.67	17.58		
10	16QAM	1	25	17.35	17.67	17.51	18.7	0
10	16QAM	1	49	17.22	17.51	17.45		
10	16QAM	25	0	17.21	17.46	17.26		
10	16QAM	25	12	17.28	17.30	17.43	18.7	0
10	16QAM	25	25	17.37	17.25	17.45		
10	16QAM	50	0	17.29	17.46	17.26		
10	64QAM	1	0	17.39	17.73	17.56		
10	64QAM	1	25	17.39	17.43	17.34	18.7	0
10	64QAM	1	49	17.26	17.38	17.31		
10	64QAM	25	0	17.21	17.47	17.28		
10	64QAM	25	12	17.21	17.40	17.29	18.7	0
10	64QAM	25	25	17.26	17.22	17.52		
10	64QAM	50	0	17.18	17.33	17.24		
10	256QAM	1	0	17.06	17.09	17.00		
10	256QAM	1	25	16.94	17.04	16.99	17.5	1.2
10	256QAM	1	49	16.92	16.98	16.86		
10	256QAM	25	0	16.79	16.89	16.76		
10	256QAM	25	12	16.77	16.88	16.74	17.5	1.2
10	256QAM	25	25	16.70	16.72	16.58		
10	256QAM	50	0	16.79	16.95	16.82		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.48	17.76	17.55		
5	QPSK	1	12	17.44	17.65	17.54	18.7	0
5	QPSK	1	24	17.26	17.48	17.42		
5	QPSK	12	0	17.37	17.51	17.42		
5	QPSK	12	7	17.35	17.53	17.54	18.7	0
5	QPSK	12	13	17.41	17.38	17.45		
5	QPSK	25	0	17.35	17.61	17.31		
5	16QAM	1	0	17.37	17.72	17.57		
5	16QAM	1	12	17.41	17.68	17.46	18.7	0
5	16QAM	1	24	17.29	17.54	17.45		
5	16QAM	12	0	17.28	17.43	17.31		
5	16QAM	12	7	17.23	17.30	17.42	18.7	0
5	16QAM	12	13	17.30	17.23	17.34		
5	16QAM	25	0	17.31	17.48	17.29		
5	64QAM	1	0	17.41	17.69	17.62		
5	64QAM	1	12	17.37	17.49	17.35	18.7	0
5	64QAM	1	24	17.26	17.40	17.35		
5	64QAM	12	0	17.25	17.41	17.42		
5	64QAM	12	7	17.30	17.40	17.43	18.7	0
5	64QAM	12	13	17.37	17.26	17.45		
5	64QAM	25	0	17.17	17.34	17.28		
5	256QAM	1	0	17.02	17.13	17.00		
5	256QAM	1	12	16.96	16.97	16.92	17.5	1.2
5	256QAM	1	24	16.88	16.90	16.83		
5	256QAM	12	0	16.84	16.84	16.82		
5	256QAM	12	7	16.74	16.81	16.84	17.5	1.2
5	256QAM	12	13	16.65	16.74	16.65		
5	256QAM	25	0	16.73	16.84	16.89		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.44	17.72	17.56		
3	QPSK	1	8	17.41	17.72	17.45	18.7	0
3	QPSK	1	14	17.36	17.60	17.50		
3	QPSK	8	0	17.44	17.62	17.50		
3	QPSK	8	4	17.43	17.53	17.51	18.7	0
3	QPSK	8	7	17.44	17.36	17.42		
3	QPSK	15	0	17.34	17.58	17.36		
3	16QAM	1	0	17.48	17.63	17.50		
3	16QAM	1	8	17.38	17.67	17.35	18.7	0
3	16QAM	1	14	17.17	17.44	17.31		
3	16QAM	8	0	17.31	17.47	17.34		
3	16QAM	8	4	17.18	17.42	17.40	18.7	0
3	16QAM	8	7	17.33	17.20	17.37		
3	16QAM	15	0	17.18	17.38	17.39		
3	64QAM	1	0	17.33	17.75	17.56		
3	64QAM	1	8	17.26	17.56	17.32	18.7	0
3	64QAM	1	14	17.25	17.49	17.35		
3	64QAM	8	0	17.28	17.41	17.39		
3	64QAM	8	4	17.17	17.40	17.43	18.7	0
3	64QAM	8	7	17.26	17.21	17.45		
3	64QAM	15	0	17.14	17.38	17.27		
3	256QAM	1	0	17.05	17.11	16.96		
3	256QAM	1	8	16.91	16.97	16.91	17.5	1.2
3	256QAM	1	14	16.96	16.92	16.79		
3	256QAM	8	0	16.77	16.87	16.82		
3	256QAM	8	4	16.85	16.89	16.84	17.5	1.2
3	256QAM	8	7	16.66	16.78	16.57		
3	256QAM	15	0	16.71	16.93	16.87		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.54	17.76	17.57		
1.4	QPSK	1	3	17.46	17.65	17.51		
1.4	QPSK	1	5	17.39	17.50	17.54	18.7	0
1.4	QPSK	3	0	17.39	17.63	17.53		
1.4	QPSK	3	1	17.30	17.50	17.46		
1.4	QPSK	3	3	17.46	17.38	17.55		
1.4	QPSK	6	0	17.29	17.61	17.31	18.7	0
1.4	16QAM	1	0	17.40	17.68	17.50		
1.4	16QAM	1	3	17.33	17.66	17.48		
1.4	16QAM	1	5	17.23	17.51	17.42	18.7	0
1.4	16QAM	3	0	17.20	17.42	17.27		
1.4	16QAM	3	1	17.13	17.37	17.47		
1.4	16QAM	3	3	17.30	17.23	17.34		
1.4	16QAM	6	0	17.17	17.35	17.27	18.7	0
1.4	64QAM	1	0	17.29	17.68	17.54		
1.4	64QAM	1	3	17.27	17.54	17.36		
1.4	64QAM	1	5	17.20	17.49	17.31	18.7	0
1.4	64QAM	3	0	17.31	17.42	17.42		
1.4	64QAM	3	1	17.27	17.36	17.44		
1.4	64QAM	3	3	17.28	17.23	17.45		
1.4	64QAM	6	0	17.21	17.38	17.31	18.7	0
1.4	256QAM	1	0	17.00	17.09	16.92		
1.4	256QAM	1	3	16.90	16.98	17.01		
1.4	256QAM	1	5	16.93	16.94	16.89	17.5	1.2
1.4	256QAM	3	0	16.81	16.84	16.73		
1.4	256QAM	3	1	16.74	16.78	16.76		
1.4	256QAM	3	3	16.67	16.71	16.56		
1.4	256QAM	6	0	16.80	16.85	16.89	17.5	1.2

Band 66 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.49	20.64	20.55		
20	QPSK	1	49	20.31	20.48	20.43	21.6	0
20	QPSK	1	99	20.45	20.48	20.38		
20	QPSK	50	0	20.46	20.59	20.49		
20	QPSK	50	24	20.28	20.38	20.26	21	0.6
20	QPSK	50	50	20.43	20.34	20.25		
20	QPSK	100	0	20.35	20.51	20.50		
20	16QAM	1	0	20.36	20.61	20.38		
20	16QAM	1	49	20.13	20.30	20.35	21	0.6
20	16QAM	1	99	20.36	20.45	20.30		
20	16QAM	50	0	19.68	19.77	19.64		
20	16QAM	50	24	19.63	19.72	19.62	20	1.6
20	16QAM	50	50	19.53	19.65	19.50		
20	16QAM	100	0	19.62	19.69	19.58		
20	64QAM	1	0	19.64	19.77	19.73		
20	64QAM	1	49	19.62	19.72	19.58	20	1.6
20	64QAM	1	99	19.55	19.65	19.54		
20	64QAM	50	0	18.53	18.64	18.58		
20	64QAM	50	24	18.44	18.59	18.51	19	2.6
20	64QAM	50	50	18.38	18.52	18.47		
20	64QAM	100	0	18.67	18.73	18.59		
20	256QAM	1	0	16.62	16.71	16.60		
20	256QAM	1	49	16.57	16.66	16.60	17	4.6
20	256QAM	1	99	16.45	16.59	16.49		
20	256QAM	50	0	16.53	16.63	16.50		
20	256QAM	50	24	16.48	16.58	16.50	17	4.6
20	256QAM	50	50	16.43	16.51	16.37		
20	256QAM	100	0	16.52	16.61	16.49		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.36	20.49	20.47		
15	QPSK	1	37	20.17	20.40	20.26	21.6	0
15	QPSK	1	74	20.38	20.41	20.23		
15	QPSK	36	0	20.35	20.42	20.33		
15	QPSK	36	20	20.13	20.26	20.22	21	0.6
15	QPSK	36	39	20.25	20.21	20.12		
15	QPSK	75	0	20.31	20.40	20.41		
15	16QAM	1	0	20.30	20.44	20.21		
15	16QAM	1	37	19.96	20.27	20.29	21	0.6
15	16QAM	1	74	20.30	20.35	20.24		
15	16QAM	36	0	19.55	19.63	19.60		
15	16QAM	36	20	19.48	19.61	19.56	20	1.6
15	16QAM	36	39	19.45	19.50	19.40		
15	16QAM	75	0	19.50	19.58	19.47		
15	64QAM	1	0	19.58	19.72	19.59		
15	64QAM	1	37	19.49	19.68	19.54	20	1.6
15	64QAM	1	74	19.42	19.54	19.44		
15	64QAM	36	0	18.48	18.51	18.54		
15	64QAM	36	20	18.33	18.46	18.43	19	2.6
15	64QAM	36	39	18.25	18.44	18.39		
15	64QAM	75	0	18.54	18.61	18.55		
15	256QAM	1	0	16.53	16.57	16.51		
15	256QAM	1	37	16.51	16.56	16.57	17	4.6
15	256QAM	1	74	16.37	16.56	16.42		
15	256QAM	36	0	16.43	16.50	16.37		
15	256QAM	36	20	16.39	16.46	16.40	17	4.6
15	256QAM	36	39	16.34	16.47	16.31		
15	256QAM	75	0	16.46	16.47	16.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.43	20.48	20.40		
10	QPSK	1	25	20.14	20.34	20.37	21.6	0
10	QPSK	1	49	20.31	20.46	20.32		
10	QPSK	25	0	20.38	20.53	20.43		
10	QPSK	25	12	20.22	20.26	20.15	21	0.6
10	QPSK	25	25	20.30	20.28	20.13		
10	QPSK	50	0	20.21	20.47	20.36		
10	16QAM	1	0	20.28	20.55	20.27		
10	16QAM	1	25	20.08	20.19	20.24	21	0.6
10	16QAM	1	49	20.18	20.41	20.14		
10	16QAM	25	0	19.56	19.69	19.52		
10	16QAM	25	12	19.56	19.61	19.53	20	1.6
10	16QAM	25	25	19.44	19.54	19.41		
10	16QAM	50	0	19.49	19.66	19.48		
10	64QAM	1	0	19.53	19.64	19.60		
10	64QAM	1	25	19.53	19.58	19.48	20	1.6
10	64QAM	1	49	19.45	19.62	19.49		
10	64QAM	25	0	18.45	18.53	18.49		
10	64QAM	25	12	18.38	18.49	18.45	19	2.6
10	64QAM	25	25	18.33	18.42	18.42		
10	64QAM	50	0	18.56	18.67	18.51		
10	256QAM	1	0	16.59	16.64	16.50		
10	256QAM	1	25	16.52	16.61	16.46	17	4.6
10	256QAM	1	49	16.30	16.52	16.38		
10	256QAM	25	0	16.46	16.59	16.45		
10	256QAM	25	12	16.43	16.52	16.47	17	4.6
10	256QAM	25	25	16.39	16.37	16.32		
10	256QAM	50	0	16.39	16.58	16.46		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.34	20.55	20.47		
5	QPSK	1	12	20.25	20.44	20.35	21.6	0
5	QPSK	1	24	20.29	20.45	20.35		
5	QPSK	12	0	20.36	20.43	20.40		
5	QPSK	12	7	20.14	20.29	20.12	21	0.6
5	QPSK	12	13	20.34	20.22	20.12		
5	QPSK	25	0	20.26	20.33	20.45		
5	16QAM	1	0	20.29	20.57	20.22		
5	16QAM	1	12	20.08	20.19	20.31	21	0.6
5	16QAM	1	24	20.31	20.40	20.13		
5	16QAM	12	0	19.63	19.69	19.49		
5	16QAM	12	7	19.56	19.62	19.48	20	1.6
5	16QAM	12	13	19.38	19.53	19.36		
5	16QAM	25	0	19.56	19.54	19.55		
5	64QAM	1	0	19.50	19.73	19.63		
5	64QAM	1	12	19.55	19.66	19.48	20	1.6
5	64QAM	1	24	19.43	19.58	19.40		
5	64QAM	12	0	18.46	18.60	18.51		
5	64QAM	12	7	18.40	18.45	18.41	19	2.6
5	64QAM	12	13	18.26	18.43	18.36		
5	64QAM	25	0	18.59	18.60	18.46		
5	256QAM	1	0	16.53	16.57	16.52		
5	256QAM	1	12	16.52	16.58	16.47	17	4.6
5	256QAM	1	24	16.33	16.45	16.37		
5	256QAM	12	0	16.43	16.53	16.36		
5	256QAM	12	7	16.43	16.44	16.46	17	4.6
5	256QAM	12	13	16.40	16.37	16.22		
5	256QAM	25	0	16.44	16.51	16.36		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.31	20.59	20.51		
3	QPSK	1	8	20.18	20.39	20.36	21.6	0
3	QPSK	1	14	20.33	20.42	20.36		
3	QPSK	8	0	20.40	20.47	20.37		
3	QPSK	8	4	20.13	20.27	20.18	21	0.6
3	QPSK	8	7	20.35	20.20	20.16		
3	QPSK	15	0	20.19	20.41	20.46		
3	16QAM	1	0	20.27	20.54	20.25		
3	16QAM	1	8	20.05	20.14	20.33	21	0.6
3	16QAM	1	14	20.23	20.33	20.28		
3	16QAM	8	0	19.62	19.71	19.57		
3	16QAM	8	4	19.51	19.68	19.51	20	1.6
3	16QAM	8	7	19.49	19.53	19.44		
3	16QAM	15	0	19.58	19.64	19.50		
3	64QAM	1	0	19.55	19.72	19.62		
3	64QAM	1	8	19.48	19.58	19.49	20	1.6
3	64QAM	1	14	19.42	19.60	19.49		
3	64QAM	8	0	18.41	18.53	18.45		
3	64QAM	8	4	18.34	18.56	18.39	19	2.6
3	64QAM	8	7	18.29	18.38	18.37		
3	64QAM	15	0	18.56	18.65	18.54		
3	256QAM	1	0	16.53	16.60	16.51		
3	256QAM	1	8	16.52	16.56	16.52	17	4.6
3	256QAM	1	14	16.32	16.53	16.37		
3	256QAM	8	0	16.39	16.60	16.45		
3	256QAM	8	4	16.41	16.49	16.38	17	4.6
3	256QAM	8	7	16.29	16.41	16.30		
3	256QAM	15	0	16.42	16.48	16.42		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.35	20.57	20.40		
1.4	QPSK	1	3	20.25	20.43	20.25		
1.4	QPSK	1	5	20.39	20.35	20.34	21.6	0
1.4	QPSK	3	0	20.41	20.53	20.39		
1.4	QPSK	3	1	20.22	20.32	20.35		
1.4	QPSK	3	3	20.41	20.45	20.27		
1.4	QPSK	6	0	20.32	20.45	20.44	21	0.6
1.4	16QAM	1	0	20.18	20.34	20.15		
1.4	16QAM	1	3	20.33	20.27	20.19		
1.4	16QAM	1	5	20.26	20.42	20.32	21	0.6
1.4	16QAM	3	0	20.24	20.57	20.25		
1.4	16QAM	3	1	20.07	20.21	20.26		
1.4	16QAM	3	3	20.22	20.30	20.19		
1.4	16QAM	6	0	19.54	19.68	19.58	20	1.6
1.4	64QAM	1	0	19.59	19.66	19.51		
1.4	64QAM	1	3	19.42	19.54	19.41		
1.4	64QAM	1	5	19.48	19.54	19.50	20	1.6
1.4	64QAM	3	0	19.59	19.68	19.65		
1.4	64QAM	3	1	19.49	19.58	19.48		
1.4	64QAM	3	3	19.42	19.50	19.43		
1.4	64QAM	6	0	18.40	18.51	18.47	19	2.6
1.4	256QAM	1	0	16.49	16.65	16.49		
1.4	256QAM	1	3	16.49	16.59	16.50		
1.4	256QAM	1	5	16.32	16.51	16.43	17	4.6
1.4	256QAM	3	0	16.47	16.48	16.37		
1.4	256QAM	3	1	16.38	16.45	16.44		
1.4	256QAM	3	3	16.29	16.39	16.25		
1.4	256QAM	6	0	16.42	16.47	16.38	17	4.6

Band 38 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	14.85	14.93	14.81	16.3	0
20	QPSK	1	49	14.72	14.72	14.67		
20	QPSK	1	99	14.76	14.82	14.72		
20	QPSK	50	0	14.73	14.86	14.67		
20	QPSK	50	24	14.55	14.66	14.54		
20	QPSK	50	50	14.71	14.73	14.61		
20	QPSK	100	0	14.65	14.71	14.69		
20	16QAM	1	0	14.75	14.76	14.47		
20	16QAM	1	49	14.56	14.76	14.62		
20	16QAM	1	99	14.75	14.66	14.66		
20	16QAM	50	0	14.62	14.74	14.51		
20	16QAM	50	24	14.75	14.69	14.56		
20	16QAM	50	50	14.59	14.63	14.63		
20	16QAM	100	0	14.68	14.57	14.69		
20	64QAM	1	0	14.60	14.70	14.66		
20	64QAM	1	49	14.79	14.85	14.55		
20	64QAM	1	99	14.56	14.60	14.37		
20	64QAM	50	0	14.80	14.76	14.58		
20	64QAM	50	24	14.73	14.90	14.60		
20	64QAM	50	50	14.66	14.75	14.44		
20	64QAM	100	0	14.68	14.78	14.72		
20	256QAM	1	0	14.62	14.77	14.58		
20	256QAM	1	49	14.44	14.65	14.49		
20	256QAM	1	99	14.72	14.60	14.65		
20	256QAM	50	0	14.75	14.85	14.75		
20	256QAM	50	24	14.73	14.65	14.88		
20	256QAM	50	50	14.63	14.64	14.60		
20	256QAM	100	0	14.62	14.88	14.64		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	14.71	14.87	14.70	16.3	0
15	QPSK	1	37	14.56	14.68	14.56		
15	QPSK	1	74	14.63	14.69	14.68		
15	QPSK	36	0	14.59	14.71	14.54		
15	QPSK	36	20	14.39	14.62	14.53		
15	QPSK	36	39	14.58	14.71	14.48		
15	QPSK	75	0	14.55	14.63	14.54		
15	16QAM	1	0	14.57	14.72	14.35		
15	16QAM	1	37	14.49	14.67	14.48		
15	16QAM	1	74	14.58	14.50	14.54		
15	16QAM	36	0	14.48	14.59	14.43		
15	16QAM	36	20	14.63	14.52	14.52		
15	16QAM	36	39	14.47	14.59	14.46		
15	16QAM	75	0	14.54	14.48	14.62		
15	64QAM	1	0	14.46	14.63	14.63		
15	64QAM	1	37	14.72	14.77	14.48		
15	64QAM	1	74	14.43	14.49	14.32		
15	64QAM	36	0	14.70	14.70	14.47		
15	64QAM	36	20	14.68	14.76	14.57		
15	64QAM	36	39	14.52	14.59	14.31		
15	64QAM	75	0	14.65	14.63	14.62		
15	256QAM	1	0	14.47	14.70	14.50		
15	256QAM	1	37	14.40	14.48	14.36		
15	256QAM	1	74	14.63	14.48	14.51		
15	256QAM	36	0	14.63	14.74	14.63		
15	256QAM	36	20	14.56	14.50	14.86		
15	256QAM	36	39	14.46	14.62	14.45		
15	256QAM	75	0	14.49	14.80	14.46		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	14.74	14.77	14.65	16.3	0
10	QPSK	1	25	14.68	14.61	14.65		
10	QPSK	1	49	14.71	14.72	14.61		
10	QPSK	25	0	14.66	14.71	14.65		
10	QPSK	25	12	14.51	14.49	14.57		
10	QPSK	25	25	14.56	14.70	14.50		
10	QPSK	50	0	14.50	14.63	14.61		
10	16QAM	1	0	14.72	14.74	14.34		
10	16QAM	1	25	14.43	14.73	14.53		
10	16QAM	1	49	14.59	14.61	14.49		
10	16QAM	25	0	14.47	14.64	14.33		
10	16QAM	25	12	14.62	14.56	14.39		
10	16QAM	25	25	14.42	14.49	14.48		
10	16QAM	50	0	14.56	14.49	14.62		
10	64QAM	1	0	14.49	14.54	14.61		
10	64QAM	1	25	14.76	14.68	14.47		
10	64QAM	1	49	14.43	14.45	14.34		
10	64QAM	25	0	14.73	14.63	14.42		
10	64QAM	25	12	14.59	14.84	14.47		
10	64QAM	25	25	14.62	14.63	14.37		
10	64QAM	50	0	14.58	14.75	14.64		
10	256QAM	1	0	14.44	14.70	14.45		
10	256QAM	1	25	14.40	14.52	14.46		
10	256QAM	1	49	14.55	14.53	14.52		
10	256QAM	25	0	14.67	14.73	14.62		
10	256QAM	25	12	14.65	14.50	14.75		
10	256QAM	25	25	14.52	14.47	14.37		
10	256QAM	50	0	14.45	14.74	14.57		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	14.76	14.80	14.64	16.3	0
5	QPSK	1	12	14.61	14.66	14.52		
5	QPSK	1	24	14.61	14.68	14.59		
5	QPSK	12	0	14.62	14.79	14.61		
5	QPSK	12	7	14.48	14.60	14.59		
5	QPSK	12	13	14.60	14.68	14.50		
5	QPSK	25	0	14.56	14.53	14.63		
5	16QAM	1	0	14.59	14.63	14.44		
5	16QAM	1	12	14.39	14.62	14.49		
5	16QAM	1	24	14.60	14.55	14.60		
5	16QAM	12	0	14.55	14.66	14.33		
5	16QAM	12	7	14.59	14.55	14.42		
5	16QAM	12	13	14.43	14.56	14.60		
5	16QAM	25	0	14.57	14.48	14.59		
5	64QAM	1	0	14.46	14.60	14.55		
5	64QAM	1	12	14.62	14.81	14.37		
5	64QAM	1	24	14.43	14.42	14.32		
5	64QAM	12	0	14.64	14.61	14.43		
5	64QAM	12	7	14.67	14.67	14.57		
5	64QAM	12	13	14.50	14.60	14.41		
5	64QAM	25	0	14.63	14.72	14.54		
5	256QAM	1	0	14.50	14.73	14.40		
5	256QAM	1	12	14.38	14.59	14.40		
5	256QAM	1	24	14.64	14.43	14.60		
5	256QAM	12	0	14.60	14.69	14.63		
5	256QAM	12	7	14.66	14.57	14.86		
5	256QAM	12	13	14.46	14.58	14.37		
5	256QAM	25	0	14.56	14.75	14.49		

Band 41 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	14.88	14.96	14.97	14.96	14.81	16.3	0
20	QPSK	1	49	14.74	14.87	14.86	14.73	14.86		
20	QPSK	1	99	14.73	14.81	14.90	14.81	14.66		
20	QPSK	50	0	14.72	14.81	14.89	14.83	14.72		
20	QPSK	50	24	14.83	14.89	14.77	14.76	14.76		
20	QPSK	50	50	14.62	14.81	14.80	14.64	14.80		
20	QPSK	100	0	14.67	14.70	14.81	14.79	14.72		
20	16QAM	1	0	14.85	14.94	14.94	14.59	14.71		
20	16QAM	1	49	14.72	14.74	14.81	14.73	14.83		
20	16QAM	1	99	14.66	14.83	14.71	14.72	14.76		
20	16QAM	50	0	14.68	14.75	14.88	14.55	14.75		
20	16QAM	50	24	14.77	14.87	14.73	14.73	14.52		
20	16QAM	50	50	14.77	14.76	14.77	14.76	14.69		
20	16QAM	100	0	14.72	14.80	14.68	14.72	14.78		
20	64QAM	1	0	14.69	14.72	14.80	14.80	14.57		
20	64QAM	1	49	14.66	14.94	14.87	14.71	14.73		
20	64QAM	1	99	14.67	14.73	14.77	14.53	14.70		
20	64QAM	50	0	14.68	14.83	14.85	14.68	14.59		
20	64QAM	50	24	14.75	14.77	14.92	14.76	14.67		
20	64QAM	50	50	14.69	14.74	14.81	14.54	14.77		
20	64QAM	100	0	14.63	14.81	14.89	14.85	14.58		
20	256QAM	1	0	14.68	14.76	14.88	14.64	14.68		
20	256QAM	1	49	14.68	14.82	14.77	14.63	14.63		
20	256QAM	1	99	14.70	14.79	14.78	14.78	14.58		
20	256QAM	50	0	14.73	14.85	14.90	14.91	14.70		
20	256QAM	50	24	14.70	14.80	14.80	14.92	14.63		
20	256QAM	50	50	14.73	14.68	14.81	14.58	14.56		
20	256QAM	100	0	14.62	14.74	14.92	14.77	14.60		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	14.73	14.86	14.80	14.78	14.65	16.30	0
15	QPSK	1	37	14.69	14.72	14.71	14.68	14.79		
15	QPSK	1	74	14.63	14.66	14.86	14.67	14.55		
15	QPSK	36	0	14.68	14.80	14.76	14.70	14.68		
15	QPSK	36	20	14.71	14.60	14.77	14.72	14.69		
15	QPSK	36	39	14.49	14.77	14.68	14.47	14.72		
15	QPSK	75	0	14.53	14.62	14.78	14.66	14.68		
15	16QAM	1	0	14.54	14.70	14.85	14.42	14.54		
15	16QAM	1	37	14.69	14.60	14.68	14.59	14.47		
15	16QAM	1	74	14.63	14.79	14.65	14.64	14.60		
15	16QAM	36	0	14.66	14.58	14.74	14.44	14.69		
15	16QAM	36	20	14.62	14.73	14.66	14.67	14.40		
15	16QAM	36	39	14.69	14.60	14.74	14.73	14.63		
15	16QAM	75	0	14.62	14.68	14.59	14.59	14.68		
15	64QAM	1	0	14.56	14.60	14.66	14.75	14.46		
15	64QAM	1	37	14.55	14.88	14.77	14.57	14.63		
15	64QAM	1	74	14.65	14.68	14.72	14.49	14.54		
15	64QAM	36	0	14.50	14.74	14.69	14.62	14.56		
15	64QAM	36	20	14.64	14.65	14.88	14.72	14.49		
15	64QAM	36	39	14.52	14.68	14.77	14.40	14.73		
15	64QAM	75	0	14.58	14.78	14.82	14.78	14.44		
15	256QAM	1	0	14.65	14.66	14.84	14.59	14.57		
15	256QAM	1	37	14.65	14.60	14.60	14.45	14.51		
15	256QAM	1	74	14.55	14.66	14.61	14.71	14.49		
15	256QAM	36	0	14.70	14.70	14.73	14.86	14.58		
15	256QAM	36	20	14.64	14.68	14.64	14.79	14.58		
15	256QAM	36	39	14.65	14.66	14.75	14.47	14.43		
15	256QAM	75	0	14.52	14.68	14.74	14.65	14.42		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	14.79	14.88	14.81	14.92	14.78	16.30	0
10	QPSK	1	25	14.70	14.76	14.80	14.62	14.76		
10	QPSK	1	49	14.65	14.77	14.86	14.74	14.62		
10	QPSK	25	0	14.68	14.77	14.63	14.75	14.69		
10	QPSK	25	12	14.69	14.55	14.74	14.63	14.71		
10	QPSK	25	25	14.56	14.74	14.65	14.60	14.63		
10	QPSK	50	0	14.65	14.66	14.78	14.64	14.55		
10	16QAM	1	0	14.59	14.82	14.91	14.50	14.63		
10	16QAM	1	25	14.66	14.63	14.74	14.70	14.49		
10	16QAM	1	49	14.64	14.69	14.61	14.54	14.74		
10	16QAM	25	0	14.64	14.58	14.73	14.41	14.63		
10	16QAM	25	12	14.63	14.76	14.66	14.69	14.45		
10	16QAM	25	25	14.73	14.66	14.67	14.60	14.59		
10	16QAM	50	0	14.57	14.73	14.55	14.68	14.70		
10	64QAM	1	0	14.52	14.55	14.75	14.76	14.54		
10	64QAM	1	25	14.51	14.79	14.64	14.67	14.67		
10	64QAM	1	49	14.50	14.70	14.83	14.42	14.61		
10	64QAM	25	0	14.64	14.75	14.83	14.53	14.57		
10	64QAM	25	12	14.63	14.61	14.76	14.65	14.55		
10	64QAM	25	25	14.64	14.56	14.69	14.39	14.70		
10	64QAM	50	0	14.50	14.79	14.86	14.67	14.54		
10	256QAM	1	0	14.52	14.68	14.76	14.50	14.56		
10	256QAM	1	25	14.55	14.51	14.75	14.46	14.59		
10	256QAM	1	49	14.65	14.73	14.69	14.62	14.42		
10	256QAM	25	0	14.56	14.77	14.81	14.75	14.58		
10	256QAM	25	12	14.57	14.70	14.64	14.79	14.60		
10	256QAM	25	25	14.60	14.54	14.73	14.47	14.44		
10	256QAM	50	0	14.54	14.61	14.78	14.60	14.53		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	14.72	14.90	14.80	14.94	14.70	16.30	0
5	QPSK	1	12	14.58	14.83	14.82	14.69	14.84		
5	QPSK	1	24	14.68	14.78	14.78	14.76	14.59		
5	QPSK	12	0	14.58	14.75	14.65	14.80	14.65		
5	QPSK	12	7	14.75	14.59	14.73	14.60	14.68		
5	QPSK	12	13	14.52	14.67	14.75	14.54	14.73		
5	QPSK	25	0	14.57	14.55	14.69	14.66	14.59		
5	16QAM	1	0	14.54	14.77	14.81	14.51	14.65		
5	16QAM	1	12	14.55	14.61	14.69	14.56	14.49		
5	16QAM	1	24	14.58	14.70	14.65	14.64	14.70		
5	16QAM	12	0	14.63	14.69	14.76	14.50	14.59		
5	16QAM	12	7	14.59	14.81	14.68	14.61	14.36		
5	16QAM	12	13	14.62	14.63	14.66	14.71	14.56		
5	16QAM	25	0	14.67	14.65	14.56	14.54	14.74		
5	64QAM	1	0	14.52	14.54	14.67	14.69	14.54		
5	64QAM	1	12	14.49	14.78	14.75	14.60	14.57		
5	64QAM	1	24	14.50	14.69	14.74	14.42	14.68		
5	64QAM	12	0	14.58	14.75	14.72	14.62	14.52		
5	64QAM	12	7	14.62	14.67	14.67	14.68	14.62		
5	64QAM	12	13	14.55	14.67	14.65	14.48	14.64		
5	64QAM	25	0	14.48	14.65	14.75	14.77	14.53		
5	256QAM	1	0	14.56	14.70	14.81	14.61	14.61		
5	256QAM	1	12	14.63	14.46	14.64	14.60	14.56		
5	256QAM	1	24	14.63	14.70	14.62	14.76	14.52		
5	256QAM	12	0	14.64	14.72	14.85	14.77	14.63		
5	256QAM	12	7	14.66	14.69	14.78	14.82	14.46		
5	256QAM	12	13	14.67	14.56	14.71	14.46	14.40		
5	256QAM	25	0	14.46	14.67	14.74	14.68	14.50		

Band 41 HPUE Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.50	16.49	16.57	16.52	16.45	17.9	0
20	QPSK	1	49	16.49	16.35	16.56	16.41	16.34		
20	QPSK	1	99	16.43	16.42	16.49	16.44	16.44		
20	QPSK	50	0	16.44	16.42	16.49	16.48	16.31		
20	QPSK	50	24	16.45	16.30	16.42	16.37	16.18		
20	QPSK	50	50	16.36	16.27	16.33	16.32	16.38		
20	QPSK	100	0	16.49	16.47	16.48	16.39	16.34		
20	16QAM	1	0	16.35	16.39	16.41	16.41	16.34		
20	16QAM	1	49	16.33	16.20	16.33	16.32	16.20		
20	16QAM	1	99	16.23	16.35	16.39	16.25	16.36		
20	16QAM	50	0	16.21	16.33	16.27	16.39	16.21		
20	16QAM	50	24	16.36	16.11	16.21	16.26	16.07		
20	16QAM	50	50	16.15	16.13	16.22	16.17	16.17		
20	16QAM	100	0	16.42	16.32	16.34	16.27	16.14		
20	64QAM	1	0	16.35	16.34	16.39	16.43	16.24		
20	64QAM	1	49	16.34	16.23	16.47	16.25	16.24		
20	64QAM	1	99	16.22	16.24	16.34	16.22	16.29		
20	64QAM	50	0	16.35	16.34	16.34	16.26	16.22		
20	64QAM	50	24	16.25	16.08	16.28	16.26	16.08		
20	64QAM	50	50	16.19	16.10	16.24	16.13	16.17		
20	64QAM	100	0	16.27	16.28	16.35	16.24	16.16		
20	256QAM	1	0	16.42	16.36	16.48	16.43	16.30		
20	256QAM	1	49	16.38	16.14	16.41	16.34	16.20		
20	256QAM	1	99	16.21	16.22	16.32	16.30	16.21		
20	256QAM	50	0	16.32	16.20	16.27	16.36	16.23		
20	256QAM	50	24	16.32	16.14	16.31	16.23	15.97		
20	256QAM	50	50	16.22	16.08	16.26	16.15	16.31		
20	256QAM	100	0	16.27	16.38	16.36	16.30	16.11		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.33	16.36	16.47	16.30	16.28	17.90	0
15	QPSK	1	37	16.34	16.13	16.45	16.30	16.24		
15	QPSK	1	74	16.24	16.28	16.42	16.33	16.36		
15	QPSK	36	0	16.22	16.33	16.36	16.25	16.23		
15	QPSK	36	20	16.22	16.16	16.32	16.23	15.98		
15	QPSK	36	39	16.23	16.06	16.17	16.25	16.30		
15	QPSK	75	0	16.33	16.30	16.31	16.23	16.26		
15	16QAM	1	0	16.26	16.24	16.31	16.19	16.12		
15	16QAM	1	37	16.26	16.10	16.25	16.10	16.05		
15	16QAM	1	74	16.16	16.15	16.19	16.18	16.15		
15	16QAM	36	0	16.13	16.18	16.10	16.29	16.12		
15	16QAM	36	20	16.13	15.94	16.12	16.14	16.16		
15	16QAM	36	39	15.98	15.97	16.09	16.06	16.02		
15	16QAM	75	0	16.24	16.24	16.21	16.18	15.93		
15	64QAM	1	0	16.15	16.13	16.29	16.23	16.02		
15	64QAM	1	37	16.20	16.01	16.37	16.14	16.04		
15	64QAM	1	74	16.08	16.01	16.13	16.05	16.06		
15	64QAM	36	0	16.18	16.23	16.15	16.14	16.06		
15	64QAM	36	20	16.10	15.97	16.12	16.03	15.96		
15	64QAM	36	39	16.05	15.95	16.02	15.99	16.05		
15	64QAM	75	0	16.15	16.17	16.20	16.08	16.07		
15	256QAM	1	0	16.28	16.15	16.41	16.25	16.12		
15	256QAM	1	37	16.19	15.97	16.24	16.17	16.02		
15	256QAM	1	74	16.12	16.08	16.10	16.13	16.10		
15	256QAM	36	0	16.25	16.00	16.20	16.21	16.01		
15	256QAM	36	20	16.21	16.06	16.13	16.06	16.19		
15	256QAM	36	39	16.12	15.91	16.03	15.98	16.14		
15	256QAM	75	0	16.15	16.19	16.28	16.08	15.91		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.43	16.36	16.44	16.31	16.25	17.90	0
10	QPSK	1	25	16.37	16.13	16.49	16.32	16.25		
10	QPSK	1	49	16.27	16.21	16.33	16.27	16.34		
10	QPSK	25	0	16.27	16.30	16.39	16.28	16.23		
10	QPSK	25	12	16.22	16.10	16.20	16.19	16.07		
10	QPSK	25	25	16.16	16.16	16.12	16.09	16.31		
10	QPSK	50	0	16.34	16.27	16.35	16.20	16.11		
10	16QAM	1	0	16.24	16.27	16.25	16.22	16.22		
10	16QAM	1	25	16.10	16.06	16.16	16.23	16.08		
10	16QAM	1	49	16.08	16.22	16.25	16.04	16.26		
10	16QAM	25	0	16.11	16.19	16.09	16.20	15.98		
10	16QAM	25	12	16.27	15.92	15.99	16.06	15.99		
10	16QAM	25	25	15.99	15.93	16.00	15.98	16.05		
10	16QAM	50	0	16.27	16.23	16.26	16.06	15.96		
10	64QAM	1	0	16.19	16.11	16.30	16.34	16.14		
10	64QAM	1	25	16.23	16.06	16.29	16.15	16.04		
10	64QAM	1	49	16.04	16.16	16.24	16.01	16.19		
10	64QAM	25	0	16.23	16.19	16.17	16.19	16.00		
10	64QAM	25	12	16.16	16.01	16.06	16.12	15.98		
10	64QAM	25	25	16.05	15.95	16.07	16.00	16.05		
10	64QAM	50	0	16.07	16.08	16.14	16.06	15.97		
10	256QAM	1	0	16.20	16.15	16.28	16.22	16.10		
10	256QAM	1	25	16.30	16.03	16.33	16.13	16.01		
10	256QAM	1	49	16.13	16.04	16.16	16.08	16.08		
10	256QAM	25	0	16.16	16.02	16.15	16.29	16.01		
10	256QAM	25	12	16.16	16.03	16.09	16.11	16.08	

Band 42 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.25	16.39	16.31	17.4	0
20	QPSK	1	49	16.24	16.34	16.36		
20	QPSK	1	99	16.07	16.30	16.10		
20	QPSK	50	0	16.03	16.38	16.19		
20	QPSK	50	24	16.28	16.17	16.31		
20	QPSK	50	50	16.14	16.30	16.02		
20	QPSK	100	0	16.20	16.31	16.14		
20	16QAM	1	0	16.08	16.28	16.14		
20	16QAM	1	49	16.20	16.16	16.24	17.4	0
20	16QAM	1	99	15.98	16.24	16.04		
20	16QAM	50	0	15.94	16.33	16.07		
20	16QAM	50	24	16.13	16.04	16.25	17.4	0
20	16QAM	50	50	16.00	16.22	15.93		
20	16QAM	100	0	16.08	16.29	15.98		
20	64QAM	1	0	16.11	16.22	16.24		
20	64QAM	1	49	16.14	16.29	16.27	17.4	0
20	64QAM	1	99	16.04	16.13	15.97		
20	64QAM	50	0	15.86	16.28	16.03		
20	64QAM	50	24	16.21	16.09	16.15	17.4	0
20	64QAM	50	50	16.05	16.13	15.91		
20	64QAM	100	0	16.17	16.18	16.04		
20	256QAM	1	0	16.12	16.30	16.28		
20	256QAM	1	49	16.13	16.28	16.21	17	0.4
20	256QAM	1	99	16.02	16.19	16.02		
20	256QAM	50	0	15.98	16.25	16.11		
20	256QAM	50	24	16.22	15.99	16.17	17	0.4
20	256QAM	50	50	16.07	16.21	15.98		
20	256QAM	100	0	16.04	16.18	16.00		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	16.22	16.29	16.27	17.4	0
15	QPSK	1	37	16.20	16.23	16.28		
15	QPSK	1	74	15.92	16.21	16.03		
15	QPSK	36	0	15.91	16.35	16.08		
15	QPSK	36	20	16.24	16.07	16.20	17.4	0
15	QPSK	36	39	16.01	16.22	15.92		
15	QPSK	75	0	16.15	16.28	16.02		
15	16QAM	1	0	15.95	16.14	16.04		
15	16QAM	1	37	16.05	16.09	16.19	17.4	0
15	16QAM	1	74	15.89	16.07	15.99		
15	16QAM	36	0	15.87	16.20	16.00		
15	16QAM	36	20	16.10	16.01	16.10	17.4	0
15	16QAM	36	39	15.83	16.05	15.89		
15	16QAM	75	0	16.00	16.23	15.88		
15	64QAM	1	0	16.03	16.14	16.11		
15	64QAM	1	37	16.08	16.11	16.12	17.4	0
15	64QAM	1	74	15.97	15.95	15.84		
15	64QAM	36	0	15.80	16.22	15.98		
15	64QAM	36	20	16.08	16.05	16.12	17.4	0
15	64QAM	36	39	15.88	16.02	15.76		
15	64QAM	75	0	16.11	16.06	15.99		
15	256QAM	1	0	16.03	16.16	16.24		
15	256QAM	1	37	16.05	16.13	16.16	17	0.4
15	256QAM	1	74	15.99	16.14	15.96		
15	256QAM	36	0	15.92	16.12	16.01		
15	256QAM	36	20	16.18	15.85	16.05	17	0.4
15	256QAM	36	39	15.94	16.13	15.80		
15	256QAM	75	0	15.93	16.09	15.95		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.16	16.26	16.16	17.4	0
10	QPSK	1	25	16.10	16.25	16.25		
10	QPSK	1	49	15.98	16.15	16.08		
10	QPSK	25	0	15.91	16.24	16.02		
10	QPSK	25	12	16.23	16.07	16.23	17.4	0
10	QPSK	25	25	16.11	16.27	15.96		
10	QPSK	50	0	16.17	16.21	16.01		
10	16QAM	1	0	16.05	16.12	16.01		
10	16QAM	1	25	16.09	16.01	16.10	17.4	0
10	16QAM	1	49	15.88	16.20	15.96		
10	16QAM	25	0	15.83	16.26	15.92		
10	16QAM	25	12	16.02	15.94	16.09	17.4	0
10	16QAM	25	25	15.87	16.10	15.79		
10	16QAM	50	0	16.03	16.17	15.89		
10	64QAM	1	0	16.03	16.16	16.10		
10	64QAM	1	25	16.07	16.15	16.24	17.4	0
10	64QAM	1	49	15.86	16.06	15.84		
10	64QAM	25	0	15.70	16.15	16.01		
10	64QAM	25	12	16.07	15.98	16.02	17.4	0
10	64QAM	25	25	15.91	15.78	15.98		
10	64QAM	50	0	16.05	16.13	15.98		
10	256QAM	1	0	15.95	16.18	16.12		
10	256QAM	1	25	16.02	16.23	16.17	17	0.4
10	256QAM	1	49	15.98	16.05	15.86		
10	256QAM	25	0	15.82	16.22	15.97		
10	256QAM	25	12	16.18	15.82	16.04	17	0.4
10	256QAM	25	25	15.99	16.06	15.95		
10	256QAM	50	0	15.87	16.00	15.85		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.16	16.26	16.15	17.4	0
5	QPSK	1	12	16.12	16.32	16.21		
5	QPSK	1	24	16.01	16.28	16.03		
5	QPSK	12	0	15.93	16.29	16.10		
5	QPSK	12	7	16.24	16.12	16.22	17.4	0
5	QPSK	12	13	16.04	16.22	15.94		
5	QPSK	25	0	16.03	16.22	16.01		
5	16QAM	1	0	15.93	16.25	16.07		
5	16QAM	1	12	16.11	16.04	16.11	17.4	0
5	16QAM	1	24	15.89	16.19	16.00		
5	16QAM	12	0	15.76	16.21	15.90		
5	16QAM	12	7	16.03	15.96	16.12	17.4	0
5	16QAM	12	13	15.86	16.13	15.76		
5	16QAM	25	0	15.99	16.21	15.96		
5	64QAM	1	0	15.94	16.17	16.12		
5	64QAM	1	12	16.18	16.16	16.13	17.4	0
5	64QAM	1	24	15.91	16.09	15.93		
5	64QAM	12	0	15.73	16.18	15.87		
5	64QAM	12	7	16.11	16.03	16.11	17.4	0
5	64QAM	12	13	15.94	16.03	15.80		
5	64QAM	25	0	16.11	16.01	15.97		
5	256QAM	1	0	16.06	16.24	16.18		
5	256QAM	1	12	16.03	16.17	16.17	17	0.4
5	256QAM	1	24	15.94	16.04	16.00		
5	256QAM	12	0	15.91	16.21	16.01		
5	256QAM	12	7	16.16	15.81	16.03	17	0.4
5	256QAM	12	13	16.05	16.04	15.87		
5	256QAM	25	0	15.93	16.09	15.92		

Band 42 Part 96 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3640	3675	3690		
20	QPSK	1	0	16.17	16.30	16.26	17.4	0
20	QPSK	1	49	16.16	16.21	16.19		
20	QPSK	1	99	16.04	16.24	16.09		
20	QPSK	50	0	15.96	16.28	16.17		
20	QPSK	50	24	16.12	16.09	16.25		
20	QPSK	50	50	16.06	16.22	15.90		
20	QPSK	100	0	16.13	16.25	15.99		
20	16QAM	1	0	16.04	16.12	16.04		
20	16QAM	1	49	16.07	16.02	16.17	17.4	0
20	16QAM	1	99	15.87	16.11	16.00		
20	16QAM	50	0	15.80	16.22	16.00		
20	16QAM	50	24	16.07	16.01	16.22	17.4	0
20	16QAM	50	50	15.94	16.12	15.92		
20	16QAM	100	0	16.04	16.14	15.92		
20	64QAM	1	0	16.09	16.08	16.14		
20	64QAM	1	49	16.10	16.18	16.17	17.4	0
20	64QAM	1	99	16.00	16.03	15.95		
20	64QAM	50	0	15.84	16.13	16.01		
20	64QAM	50	24	16.07	15.94	16.02	17.4	0
20	64QAM	50	50	15.99	16.08	15.85		
20	64QAM	100	0	16.14	16.07	15.98		
20	256QAM	1	0	16.06	16.27	16.21		
20	256QAM	1	49	16.12	16.12	16.15	17	0.4
20	256QAM	1	99	15.98	16.10	15.88		
20	256QAM	50	0	15.85	16.09	16.07		
20	256QAM	50	24	16.10	15.96	16.02	17	0.4
20	256QAM	50	50	16.02	16.13	15.83		
20	256QAM	100	0	16.03	16.03	15.91		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	16.00	16.14	16.10	17.4	0
15	QPSK	1	37	16.12	16.11	16.08		
15	QPSK	1	74	15.94	16.07	15.98		
15	QPSK	36	0	15.80	16.23	16.12		
15	QPSK	36	20	15.97	15.98	16.19	17.4	0
15	QPSK	36	39	16.02	16.06	15.81		
15	QPSK	75	0	16.00	16.09	15.97		
15	16QAM	1	0	16.01	16.02	15.93		
15	16QAM	1	37	15.93	15.98	16.12	17.4	0
15	16QAM	1	74	15.78	16.10	15.88		
15	16QAM	36	0	15.97	16.18	15.87		
15	16QAM	36	20	15.97	15.86	16.16	17.4	0
15	16QAM	36	39	15.89	16.01	15.81		
15	16QAM	75	0	15.93	16.03	15.89		
15	64QAM	1	0	16.00	16.04	16.03		
15	64QAM	1	37	16.05	16.16	16.14	17.4	0
15	64QAM	1	74	15.95	15.88	15.89		
15	64QAM	36	0	15.71	16.11	15.92		
15	64QAM	36	20	16.02	15.81	15.87	17.4	0
15	64QAM	36	39	15.85	16.05	15.74		
15	64QAM	75	0	16.12	16.03	15.86		
15	256QAM	1	0	15.95	16.20	16.18		
15	256QAM	1	37	15.95	15.98	16.10	17	0.4
15	256QAM	1	74	15.95	16.03	15.79		
15	256QAM	36	0	15.81	16.02	16.05		
15	256QAM	36	20	16.09	15.84	15.95	17	0.4
15	256QAM	36	39	15.88	15.98	15.72		
15	256QAM	75	0	15.93	16.00	15.82		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	16.01	16.15	16.24	17.4	0
10	QPSK	1	25	16.12	16.12	16.17		
10	QPSK	1	49	16.02	16.07	16.03		
10	QPSK	25	0	15.85	16.15	16.04		
10	QPSK	25	12	16.05	15.97	16.22	17.4	0
10	QPSK	25	25	15.94	16.08	15.74		
10	QPSK	50	0	16.10	16.14	15.85		
10	16QAM	1	0	15.90	15.97	16.03		
10	16QAM	1	25	16.01	15.99	16.15	17.4	0
10	16QAM	1	49	15.79	16.00	15.91		
10	16QAM	25	0	15.75	16.18	15.88		
10	16QAM	25	12	16.04	15.84	16.10	17.4	0
10	16QAM	25	25	15.82	16.06	15.80		
10	16QAM	50	0	16.00	16.02	15.83		
10	64QAM	1	0	15.97	16.01	16.09		
10	64QAM	1	25	16.01	16.17	16.08	17.4	0
10	64QAM	1	49	15.98	16.01	15.85		
10	64QAM	25	0	15.70	16.10	15.84		
10	64QAM	25	12	16.05	15.84	15.92	17.4	0
10	64QAM	25	25	15.97	16.02	15.77		
10	64QAM	50	0	16.01	16.05	15.94		
10	256QAM	1	0	16.03	16.23	16.16		
10	256QAM	1	25	15.96	16.00	16.11	17	0.4
10	256QAM	1	49	15.93	15.99	15.85		
10	256QAM	25	0	15.78	15.96	15.96		
10	256QAM	25	12	15.96	15.87	15.86	17	0.4
10	256QAM	25	25	15.99	16.02	15.77		
10	256QAM	50	0	15.98	15.87	15.85		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	16.10	16.23	16.12	17.4	0
5	QPSK	1	12	16.13	16.09	16.13		
5	QPSK	1	24	15.99	16.13	15.94		
5	QPSK	12	0	15.93	16.19	16.08		
5	QPSK	12	7	15.99	16.07	16.08	17.4	0
5	QPSK	12	13	15.98	16.12	15.77		
5	QPSK	25	0	16.04	16.16	15.96		
5	16QAM	1	0	15.98	16.00	16.01		
5	16QAM	1	12	15.99	15.95	16.02	17.4	0
5	16QAM	1	24	15.81	16.09	15.91		
5	16QAM	12	0	15.69	16.17	15.84		
5	16QAM	12	7	15.95	15.94	16.06	17.4	0
5	16QAM	12	13	15.88	15.98	15.80		
5	16QAM	25	0	16.01	16.05	15.89		
5	64QAM	1	0	15.97	16.07	16.01		
5	64QAM	1	12	16.03	16.16	16.06	17.4	0
5	64QAM	1	24	15.98	15.97	15.92		
5	64QAM	12	0	15.76	16.06	15.99		
5	64QAM	12	7	16.04	15.83	15.90	17.4	0
5	64QAM	12	13	15.94	16.03	15.73		
5	64QAM	25	0	16.09	15.92	15.88		
5	256QAM	1	0	16.03	16.15	16.17		
5	256QAM	1	12	16.03	15.96	16.12	17	0.4
5	256QAM	1	24	15.96	15.98	15.76		
5	256QAM	12	0	15.83	16.08	16.04		
5	256QAM	12	7	15.99	15.83	15.91	17	0.4
5	256QAM	12	13	15.98	15.99	15.75		
5	256QAM	25	0	15.95	15.99	15.87		

Band 43 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3810	3850	3890		
20	QPSK	1	0	16.78	16.94	16.91	17.9	0
20	QPSK	1	49	16.89	16.82	16.90		
20	QPSK	1	99	16.65	16.91	16.89		
20	QPSK	50	0	16.73	16.86	16.68		
20	QPSK	50	24	16.66	16.78	16.73		
20	QPSK	50	50	16.75	16.62	16.69		
20	QPSK	100	0	16.70	16.71	16.62		
20	16QAM	1	0	16.61	16.78	16.81		
20	16QAM	1	49	16.55	16.91	16.69		
20	16QAM	1	99	16.72	16.88	16.66		
20	16QAM	50	0	16.70	16.75	16.81		
20	16QAM	50	24	16.60	16.76	16.63		
20	16QAM	50	50	16.86	16.77	16.77		
20	16QAM	100	0	16.68	16.93	16.90		
20	64QAM	1	0	16.71	16.75	16.75		
20	64QAM	1	49	16.72	16.83	16.71		
20	64QAM	1	99	16.71	16.84	16.91		
20	64QAM	50	0	16.49	16.69	16.66		
20	64QAM	50	24	16.78	16.84	16.83		
20	64QAM	50	50	16.84	16.79	16.88		
20	64QAM	100	0	16.64	16.90	16.66		
20	256QAM	1	0	16.29	16.43	16.17		
20	256QAM	1	49	16.33	16.36	16.38		
20	256QAM	1	99	16.16	16.36	16.08		
20	256QAM	50	0	16.08	16.31	16.08		
20	256QAM	50	24	16.18	16.22	16.22		
20	256QAM	50	50	16.14	16.08	16.06		
20	256QAM	100	0	16.26	16.27	16.16		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3827.5	3850	3892.5		
15	QPSK	1	0	16.64	16.86	16.83		
15	QPSK	1	37	16.84	16.69	16.86	17.9	0
15	QPSK	1	74	16.47	16.84	16.73		
15	QPSK	36	0	16.59	16.84	16.60		
15	QPSK	36	20	16.56	16.62	16.74	17.9	0
15	QPSK	36	39	16.70	16.60	16.55		
15	QPSK	75	0	16.56	16.67	16.58		
15	16QAM	1	0	16.44	16.68	16.79		
15	16QAM	1	37	16.52	16.87	16.63	17.9	0
15	16QAM	1	74	16.66	16.74	16.56		
15	16QAM	36	0	16.53	16.57	16.69		
15	16QAM	36	20	16.51	16.73	16.49	17.9	0
15	16QAM	36	39	16.69	16.72	16.72		
15	16QAM	75	0	16.51	16.79	16.80		
15	64QAM	1	0	16.54	16.71	16.69		
15	64QAM	1	37	16.65	16.79	16.55	17.9	0
15	64QAM	1	74	16.63	16.67	16.84		
15	64QAM	36	0	16.33	16.57	16.62		
15	64QAM	36	20	16.67	16.81	16.70	17.9	0
15	64QAM	36	39	16.71	16.66	16.77		
15	64QAM	75	0	16.49	16.87	16.63		
15	256QAM	1	0	16.23	16.33	16.12		
15	256QAM	1	37	16.19	16.23	16.33	17	0.9
15	256QAM	1	74	16.01	16.33	15.97		
15	256QAM	36	0	15.90	16.22	15.93		
15	256QAM	36	20	16.01	16.13	16.07	17	0.9
15	256QAM	36	39	15.98	15.91	15.96		
15	256QAM	75	0	16.09	16.22	16.12		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3805	3850	3895		
10	QPSK	1	0	16.74	16.90	16.86	17.9	0
10	QPSK	1	25	16.80	16.69	16.85		
10	QPSK	1	49	16.59	16.87	16.83		
10	QPSK	25	0	16.60	16.79	16.63		
10	QPSK	25	12	16.51	16.64	16.74	17.9	0
10	QPSK	25	25	16.69	16.54	16.52		
10	QPSK	50	0	16.58	16.65	16.54		
10	16QAM	1	0	16.48	16.73	16.68		
10	16QAM	1	25	16.51	16.85	16.63	17.9	0
10	16QAM	1	49	16.65	16.85	16.60		
10	16QAM	25	0	16.65	16.66	16.63		
10	16QAM	25	12	16.47	16.71	16.61	17.9	0
10	16QAM	25	25	16.81	16.68	16.63		
10	16QAM	50	0	16.56	16.91	16.77		
10	64QAM	1	0	16.64	16.69	16.66		
10	64QAM	1	25	16.54	16.66	16.65	17.9	0
10	64QAM	1	49	16.59	16.81	16.91		
10	64QAM	25	0	16.31	16.56	16.61		
10	64QAM	25	12	16.68	16.75	16.77	17.9	0
10	64QAM	25	25	16.73	16.62	16.71		
10	64QAM	50	0	16.55	16.83	16.54		
10	256QAM	1	0	16.24	16.27	16.04		
10	256QAM	1	25	16.25	16.26	16.29	17	0.9
10	256QAM	1	49	16.09	16.22	15.93		
10	256QAM	25	0	15.92	16.17	16.03		
10	256QAM	25	12	16.14	16.06	16.10	17	0.9
10	256QAM	25	25	16.03	15.98	15.91		
10	256QAM	50	0	16.11	16.21	16.03		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3802.5	3850	3897.5		
5	QPSK	1	0	16.65	16.84	16.78	17.9	0
5	QPSK	1	12	16.81	16.69	16.84		
5	QPSK	1	24	16.62	16.89	16.82		
5	QPSK	12	0	16.65	16.72	16.73		
5	QPSK	12	7	16.64	16.68	16.75	17.9	0
5	QPSK	12	13	16.59	16.55	16.63		
5	QPSK	25	0	16.64	16.68	16.52		
5	16QAM	1	0	16.51	16.69	16.78		
5	16QAM	1	12	16.46	16.81	16.55	17.9	0
5	16QAM	1	24	16.59	16.81	16.50		
5	16QAM	12	0	16.64	16.59	16.68		
5	16QAM	12	7	16.52	16.63	16.55	17.9	0
5	16QAM	12	13	16.73	16.67	16.59		
5	16QAM	25	0	16.61	16.80	16.78		
5	64QAM	1	0	16.54	16.68	16.59		
5	64QAM	1	12	16.57	16.74	16.56	17.9	0
5	64QAM	1	24	16.55	16.77	16.85		
5	64QAM	12	0	16.42	16.63	16.58		
5	64QAM	12	7	16.66	16.75	16.74	17.9	0
5	64QAM	12	13	16.81	16.71	16.78		
5	64QAM	25	0	16.54	16.83	16.63		
5	256QAM	1	0	16.12	16.39	16.13		
5	256QAM	1	12	16.26	16.21	16.24	17	0.9
5	256QAM	1	24	16.11	16.27	15.93		
5	256QAM	12	0	16.01	16.14	15.91		
5	256QAM	12	7	16.03	16.13	16.10	17	0.9
5	256QAM	12	13	16.07	16.06	15.93		
5	256QAM	25	0	16.21	16.15	16.00		

Band 48 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.93	17.05	16.93	16.96	17.9	0
20	QPSK	1	49	17.00	16.94	16.97	17.01		
20	QPSK	1	99	16.81	17.01	16.92	16.82		
20	QPSK	50	0	16.88	16.92	16.83	16.75	17.9	0
20	QPSK	50	24	16.83	16.91	16.87	16.79		
20	QPSK	50	50	16.79	16.72	16.79	16.66		
20	QPSK	100	0	16.84	16.90	16.80	16.76		
20	16QAM	1	0	16.75	16.94	16.92	16.85	17.9	0
20	16QAM	1	49	16.66	16.98	16.84	16.78		
20	16QAM	1	99	16.83	16.99	16.78	16.74		
20	16QAM	50	0	16.87	16.80	16.93	16.73	17.9	0
20	16QAM	50	24	16.75	16.93	16.72	16.62		
20	16QAM	50	50	16.95	16.93	16.90	16.71		
20	16QAM	100	0	16.76	16.98	16.94	16.83		
20	64QAM	1	0	16.77	16.82	16.84	16.65	17.9	0
20	64QAM	1	49	16.85	16.91	16.83	16.74		
20	64QAM	1	99	16.80	16.95	17.04	16.93		
20	64QAM	50	0	16.63	16.84	16.75	16.73	17.9	0
20	64QAM	50	24	16.90	16.91	16.85	16.71		
20	64QAM	50	50	16.88	16.92	16.92	16.92		
20	64QAM	100	0	16.76	16.98	16.74	16.65		
20	256QAM	1	0	16.39	16.52	16.29	16.43	17.9	0
20	256QAM	1	49	16.38	16.43	16.42	16.35		
20	256QAM	1	99	16.30	16.39	16.14	16.27		
20	256QAM	50	0	16.21	16.37	16.17	16.34	17.9	0
20	256QAM	50	24	16.36	16.28	16.33	16.30		
20	256QAM	50	50	16.20	16.20	16.16	16.15		
20	256QAM	100	0	16.31	16.39	16.20	16.21		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.82	16.91	16.86	16.92	17.9	0
15	QPSK	1	37	16.88	16.80	16.95	16.89		
15	QPSK	1	74	16.77	16.88	16.89	16.77		
15	QPSK	36	0	16.80	16.89	16.73	16.67	17.9	0
15	QPSK	36	20	16.78	16.79	16.83	16.75		
15	QPSK	36	39	16.74	16.66	16.75	16.49		
15	QPSK	75	0	16.69	16.80	16.68	16.67		
15	16QAM	1	0	16.71	16.83	16.77	16.71	17.9	0
15	16QAM	1	37	16.58	16.86	16.72	16.68		
15	16QAM	1	74	16.79	16.93	16.71	16.65		
15	16QAM	36	0	16.71	16.76	16.81	16.60	17.9	0
15	16QAM	36	20	16.71	16.78	16.65	16.53		
15	16QAM	36	39	16.92	16.86	16.73	16.68		
15	16QAM	75	0	16.74	16.92	16.87	16.70		
15	64QAM	1	0	16.72	16.76	16.74	16.49	17.9	0
15	64QAM	1	37	16.74	16.79	16.73	16.56		
15	64QAM	1	74	16.70	16.91	16.90	16.78		
15	64QAM	36	0	16.51	16.76	16.70	16.68	17.9	0
15	64QAM	36	20	16.80	16.81	16.69	16.65		
15	64QAM	36	39	16.77	16.77	16.87	16.85		
15	64QAM	75	0	16.61	16.92	16.61	16.56		
15	256QAM	1	0	16.27	16.38	16.23	16.30	17.9	0
15	256QAM	1	37	16.34	16.36	16.34	16.27		
15	256QAM	1	74	16.26	16.33	16.01	16.15		
15	256QAM	36	0	16.14	16.28	16.14	16.23	17.9	0
15	256QAM	36	20	16.27	16.15	16.27	16.16		
15	256QAM	36	39	16.08	16.03	16.05	16.07		
15	256QAM	75	0	16.16	16.34	16.17	16.12		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552	3607.5	3642.5	3695		
10	QPSK	1	0	16.77	16.95	16.83	16.91	17.9	0
10	QPSK	1	25	16.86	16.86	16.84	16.87		
10	QPSK	1	49	16.68	16.99	16.82	16.68		
10	QPSK	25	0	16.74	16.90	16.73	16.70	17.9	0
10	QPSK	25	12	16.67	16.76	16.81	16.66		
10	QPSK	25	25	16.71	16.69	16.72	16.59		
10	QPSK	50	0	16.67	16.86	16.77	16.65		
10	16QAM	1	0	16.57	16.82	16.89	16.74	17.9	0
10	16QAM	1	25	16.62	16.85	16.82	16.66		
10	16QAM	1	49	16.66	16.95	16.73	16.57		
10	16QAM	25	0	16.73	16.66	16.82	16.65	17.9	0
10	16QAM	25	12	16.62	16.76	16.67	16.46		
10	16QAM	25	25	16.84	16.90	16.83	16.60		
10	16QAM	50	0	16.62	16.91	16.84	16.78		
10	64QAM	1	0	16.69	16.71	16.73	16.48	17.9	0
10	64QAM	1	25	16.72	16.77	16.77	16.68		
10	64QAM	1	49	16.67	16.88	16.87	16.80		
10	64QAM	25	0	16.57	16.79	16.60	16.71	17.9	0
10	64QAM	25	12	16.87	16.86	16.77	16.55		
10	64QAM	25	25	16.82	16.86	16.79	16.86		
10	64QAM	50	0	16.58	16.86	16.66	16.60		
10	256QAM	1	0	16.22	16.35	16.21	16.39	17.9	0
10	256QAM	1	25	16.20	16.27	16.39	16.21		
10	256QAM	1	49	16.15	16.27	15.98	16.22		
10	256QAM	25	0	16.17	16.22	16.03	16.17	17.9	0
10	256QAM	25	12	16.19	16.22	16.18	16.19		
10	256QAM	25	25	16.06	16.05	16.13	16.01		
10	256QAM	50	0	16.16	16.22	16.04	16.08		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3550.5	3607	3643	3697.5		
5	QPSK	1	0	16.78	16.99	16.77	16.83	17.9	0
5	QPSK	1	12	16.83	16.81	16.85	16.94		
5	QPSK	1	24	16.73	16.97	16.88	16.77		
5	QPSK	12	0	16.84	16.77	16.69	16.71	17.9	0
5	QPSK	12	7	16.70	16.84	16.73	16.68		
5	QPSK	12	13	16.63	16.55	16.76	16.55		
5	QPSK	25	0	16.81	16.73	16.70	16.68	17.9	0
5	16QAM	1	0	16.70	16.90	16.86	16.82		
5	16QAM	1	12	16.50	16.82	16.78	16.69		
5	16QAM	1	24	16.68	16.88	16.71	16.69		
5	16QAM	12	0	16.78	16.73	16.85	16.60	17.9	0
5	16QAM	12	7	16.70	16.87	16.62	16.46		
5	16QAM	12	13	16.91	16.76	16.77	16.61		
5	16QAM	25	0	16.59	16.93	16.82	16.77	17.9	0
5	64QAM	1	0	16.68	16.64	16.68	16.60		
5	64QAM	1	12	16.75	16.76	16.73	16.69		
5	64QAM	1	24	16.71	16.82	16.89	16.86		
5	64QAM	12	0	16.49	16.78	16.59	16.59	17.9	0
5	64QAM	12	7	16.81	16.81	16.78	16.66		
5	64QAM	12	13	16.75	16.85	16.75	16.90		
5	64QAM	25	0	16.59	16.94	16.65	16.51		
5	256QAM	1	0	16.36	16.44	16.18	16.38	17.9	0
5	256QAM	1	12	16.30	16.35	16.25	16.32		
5	256QAM	1	24	16.25	16.24	15.97	16.15		
5	256QAM	12	0	16.19	16.19	16.07	16.26	17.9	0
5	256QAM	12	7	16.27	16.13	16.21	16.19		
5	256QAM	12	13	16.03	16.07	16.02	16.07		
5	256QAM	25	0	16.18	16.23	16.15	16.12		

GSM1900 Ant 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.01	26.08	25.95	26.40	17.01	17.08	16.95	17.40
GPRS 1 Tx slot	26.05	26.13	25.99	26.40	17.05	17.13	16.99	17.40
GPRS 2 Tx slots	22.92	23.00	22.94	23.40	16.92	17.00	16.94	17.40
GPRS 3 Tx slots	20.33	20.42	20.29	21.70	16.07	16.16	16.03	17.44
GPRS 4 Tx slots	18.79	18.92	18.80	20.40	15.79	15.92	15.80	17.40
EDGE 1 Tx slot	25.04	25.14	25.00	26.40	16.04	16.14	16.00	17.40
EDGE 2 Tx slots	21.96	22.02	21.89	23.40	15.96	16.02	15.89	17.40
EDGE 3 Tx slots	20.04	20.11	19.99	21.70	15.78	15.85	15.73	17.44
EDGE 4 Tx slots	18.63	18.70	18.67	20.40	15.63	15.70	15.67	17.40

Band		WCDMA II Ant 3			Tune-up Limit (dBm)	WCDMA IV Ant 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.18	17.42	17.37	18.80	18.01	18.05	18.07	19.20
3GPP Rel 99	RMC 12.2Kbps	17.48	17.53	17.51	18.80	18.04	18.13	17.92	19.20
3GPP Rel 6	HSDPA Subtest-1	16.51	16.53	16.60	17.80	16.99	17.12	17.14	18.20
3GPP Rel 6	HSDPA Subtest-2	16.52	16.80	16.30	17.80	16.96	17.14	17.08	18.20
3GPP Rel 6	HSDPA Subtest-3	16.09	16.19	16.08	17.30	16.79	16.88	16.51	17.70
3GPP Rel 6	HSDPA Subtest-4	15.91	16.21	16.05	17.30	16.37	16.71	16.67	17.70
3GPP Rel 8	DC-HSDPA Subtest-1	16.49	16.70	16.47	17.80	17.08	17.17	17.16	18.20
3GPP Rel 8	DC-HSDPA Subtest-2	16.51	16.68	16.59	17.80	17.01	17.17	17.19	18.20
3GPP Rel 8	DC-HSDPA Subtest-3	15.83	16.08	16.04	17.30	16.49	16.63	16.33	17.70
3GPP Rel 8	DC-HSDPA Subtest-4	15.87	16.04	15.94	17.30	16.43	16.48	16.46	17.70
3GPP Rel 6	HSUPA Subtest-1	16.47	16.70	16.43	17.80	17.14	17.17	17.05	18.20
3GPP Rel 6	HSUPA Subtest-2	14.61	14.63	14.54	15.80	15.16	15.19	15.03	16.20
3GPP Rel 6	HSUPA Subtest-3	15.72	15.56	15.46	16.80	16.04	16.24	16.00	17.20
3GPP Rel 6	HSUPA Subtest-4	14.45	14.78	14.73	15.80	15.02	15.30	15.36	16.20
3GPP Rel 6	HSUPA Subtest-5	16.56	16.57	16.30	17.80	16.99	17.04	17.00	18.20

Band 2 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	16.43	16.64	16.52		
20	QPSK	1	49	16.25	16.55	16.45	17.8	0
20	QPSK	1	99	16.24	16.50	16.55		
20	QPSK	50	0	16.28	16.63	16.43		
20	QPSK	50	24	16.36	16.53	16.32	17.8	0
20	QPSK	50	50	16.40	16.48	16.53		
20	QPSK	100	0	16.37	16.46	16.32		
20	16QAM	1	0	16.42	16.60	16.50		
20	16QAM	1	49	16.23	16.44	16.29	17.8	0
20	16QAM	1	99	16.24	16.30	16.37		
20	16QAM	50	0	16.31	16.48	16.45		
20	16QAM	50	24	16.21	16.52	16.32	17.8	0
20	16QAM	50	50	16.35	16.44	16.43		
20	16QAM	100	0	16.39	16.38	16.20		
20	64QAM	1	0	16.42	16.47	16.44		
20	64QAM	1	49	16.07	16.35	16.30	17.8	0
20	64QAM	1	99	16.19	16.39	16.44		
20	64QAM	50	0	16.28	16.52	16.42		
20	64QAM	50	24	16.25	16.49	16.31	17.8	0
20	64QAM	50	50	16.24	16.52	16.46		
20	64QAM	100	0	16.27	16.30	16.23		
20	256QAM	1	0	16.38	16.54	16.44		
20	256QAM	1	49	16.20	16.52	16.32	17.8	0
20	256QAM	1	99	16.14	16.52	16.43		
20	256QAM	50	0	16.24	16.36	16.30		
20	256QAM	50	24	16.32	16.33	16.22	17.8	0
20	256QAM	50	50	16.16	16.33	16.39		
20	256QAM	100	0	16.35	16.45	16.25		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.25	16.52	16.46		
15	QPSK	1	37	16.15	16.47	16.35	17.8	0
15	QPSK	1	74	16.09	16.42	16.42		
15	QPSK	36	0	16.20	16.59	16.31		
15	QPSK	36	20	16.18	16.36	16.28	17.8	0
15	QPSK	36	39	16.32	16.32	16.50		
15	QPSK	75	0	16.25	16.39	16.26		
15	16QAM	1	0	16.35	16.46	16.43		
15	16QAM	1	37	16.13	16.27	16.21	17.8	0
15	16QAM	1	74	16.16	16.24	16.28		
15	16QAM	36	0	16.22	16.42	16.29		
15	16QAM	36	20	16.16	16.47	16.27	17.8	0
15	16QAM	36	39	16.23	16.39	16.41		
15	16QAM	75	0	16.29	16.29	16.09		
15	64QAM	1	0	16.34	16.39	16.28		
15	64QAM	1	37	15.94	16.18	16.20	17.8	0
15	64QAM	1	74	16.08	16.35	16.40		
15	64QAM	36	0	16.10	16.48	16.27		
15	64QAM	36	20	16.22	16.36	16.17	17.8	0
15	64QAM	36	39	16.20	16.46	16.33		
15	64QAM	75	0	16.24	16.24	16.21		
15	256QAM	1	0	16.28	16.50	16.30		
15	256QAM	1	37	16.10	16.48	16.18	17.8	0
15	256QAM	1	74	16.07	16.41	16.28		
15	256QAM	36	0	16.19	16.26	16.14		
15	256QAM	36	20	16.25	16.30	16.06	17.8	0
15	256QAM	36	39	16.02	16.34	16.39		
15	256QAM	75	0	16.33	16.30	16.19		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.33	16.54	16.35		
10	QPSK	1	25	16.19	16.47	16.34	17.8	0
10	QPSK	1	49	16.07	16.40	16.41		
10	QPSK	25	0	16.12	16.46	16.36		
10	QPSK	25	12	16.29	16.36	16.25	17.8	0
10	QPSK	25	25	16.33	16.36	16.36		
10	QPSK	50	0	16.25	16.31	16.19		
10	16QAM	1	0	16.38	16.52	16.48		
10	16QAM	1	25	16.13	16.34	16.21	17.8	0
10	16QAM	1	49	16.11	16.26	16.32		
10	16QAM	25	0	16.28	16.40	16.42		
10	16QAM	25	12	16.14	16.38	16.22	17.8	0
10	16QAM	25	25	16.23	16.37	16.31		
10	16QAM	50	0	16.32	16.26	16.05		
10	64QAM	1	0	16.37	16.29	16.31		
10	64QAM	1	25	16.01	16.28	16.16	17.8	0
10	64QAM	1	49	16.06	16.36	16.39		
10	64QAM	25	0	16.21	16.44	16.27		
10	64QAM	25	12	16.12	16.37	16.27	17.8	0
10	64QAM	25	25	16.22	16.43	16.29		
10	64QAM	50	0	16.13	16.18	16.05		
10	256QAM	1	0	16.32	16.47	16.31		
10	256QAM	1	25	16.14	16.38	16.26	17.8	0
10	256QAM	1	49	16.11	16.37	16.28		
10	256QAM	25	0	16.20	16.24	16.15		
10	256QAM	25	12	16.25	16.18	16.08	17.8	0
10	256QAM	25	25	16.04	16.22	16.33		
10	256QAM	50	0	16.21	16.39	16.17		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.36	16.57	16.44		
5	QPSK	1	12	16.09	16.51	16.38	17.8	0
5	QPSK	1	24	16.18	16.43	16.52		
5	QPSK	12	0	16.25	16.57	16.32		
5	QPSK	12	7	16.29	16.45	16.26	17.8	0
5	QPSK	12	13	16.32	16.39	16.43		
5	QPSK	25	0	16.34	16.35	16.18		
5	16QAM	1	0	16.39	16.51	16.36		
5	16QAM	1	12	16.21	16.32	16.18	17.8	0
5	16QAM	1	24	16.19	16.13	16.20		
5	16QAM	12	0	16.20	16.43	16.39		
5	16QAM	12	7	16.05	16.44	16.23	17.8	0
5	16QAM	12	13	16.20	16.33	16.26		
5	16QAM	25	0	16.36	16.23	16.03		
5	64QAM	1	0	16.40	16.42	16.40		
5	64QAM	1	12	15.97	16.26	16.22	17.8	0
5	64QAM	1	24	16.07	16.27	16.33		
5	64QAM	12	0	16.19	16.38	16.30		
5	64QAM	12	7	16.22	16.42	16.18	17.8	0
5	64QAM	12	13	16.13	16.37	16.44		
5	64QAM	25	0	16.12	16.15	16.12		
5	256QAM	1	0	16.23	16.40	16.36		
5	256QAM	1	12	16.05	16.44	16.20	17.8	0
5	256QAM	1	24	16.09	16.36	16.29		
5	256QAM	12	0	16.21	16.27	16.17		
5	256QAM	12	7	16.21	16.24	16.05	17.8	0
5	256QAM	12	13	16.13	16.29	16.25		
5	256QAM	25	0	16.30	16.32	16.19		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.30	16.51	16.47		
3	QPSK	1	8	16.10	16.40	16.35	17.8	0
3	QPSK	1	14	16.17	16.35	16.44		
3	QPSK	8	0	16.17	16.52	16.38		
3	QPSK	8	4	16.26	16.46	16.26	17.8	0
3	QPSK	8	7	16.28	16.43	16.42		
3	QPSK	15	0	16.34	16.31	16.18		
3	16QAM	1	0	16.27	16.50	16.46		
3	16QAM	1	8	16.15	16.39	16.25	17.8	0
3	16QAM	1	14	16.17	16.24	16.32		
3	16QAM	8	0	16.17	16.39	16.42		
3	16QAM	8	4	16.04	16.36	16.25	17.8	0
3	16QAM	8	7	16.26	16.32	16.34		
3	16QAM	15	0	16.25	16.33	16.03		
3	64QAM	1	0	16.27	16.36	16.33		
3	64QAM	1	8	15.94	16.27	16.26	17.8	0
3	64QAM	1	14	16.11	16.29	16.40		
3	64QAM	8	0	16.20	16.37	16.37		
3	64QAM	8	4	16.23	16.33	16.20	17.8	0
3	64QAM	8	7	16.20	16.41	16.38		
3	64QAM	15	0	16.12	16.27	16.15		
3	256QAM	1	0	16.34	16.40	16.36		
3	256QAM	1	8	16.10	16.36	16.22	17.8	0
3	256QAM	1	14	16.00	16.44	16.40		
3	256QAM	8	0	16.21	16.27	16.19		
3	256QAM	8	4	16.25	16.22	16.06	17.8	0
3	256QAM	8	7	16.06	16.27	16.31		
3	256QAM	15	0	16.19	16.32	16.08		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.30	16.52	16.41		
1.4	QPSK	1	3	16.12	16.43	16.34		
1.4	QPSK	1	5	16.07	16.45	16.42	17.8	0
1.4	QPSK	3	0	16.18	16.45	16.33		
1.4	QPSK	3	1	16.25	16.42	16.16		
1.4	QPSK	3	3	16.33	16.43	16.51		
1.4	QPSK	6	0	16.23	16.43	16.29	17.8	0
1.4	16QAM	1	0	16.35	16.56	16.41		
1.4	16QAM	1	3	16.17	16.31	16.22		
1.4	16QAM	1	5	16.11	16.16	16.34	17.8	0
1.4	16QAM	3	0	16.27	16.41	16.29		
1.4	16QAM	3	1	16.12	16.48	16.21		
1.4	16QAM	3	3	16.24	16.41	16.35		
1.4	16QAM	6	0	16.29	16.29	16.09	17.8	0
1.4	64QAM	1	0	16.32	16.33	16.41		
1.4	64QAM	1	3	15.94	16.30	16.13		
1.4	64QAM	1	5	16.15	16.33	16.27	17.8	0
1.4	64QAM	3	0	16.24	16.50	16.26		
1.4	64QAM	3	1	16.12	16.41	16.27		
1.4	64QAM	3	3	16.11	16.39	16.36		
1.4	64QAM	6	0	16.24	16.14	16.11	17.8	0
1.4	256QAM	1	0	16.30	16.40	16.28		
1.4	256QAM	1	3	16.17	16.47	16.24		
1.4	256QAM	1	5	16.08	16.39	16.34	17.8	0
1.4	256QAM	3	0	16.15	16.28	16.23		
1.4	256QAM	3	1	16.23	16.20	16.20		
1.4	256QAM	3	3	16.12	16.25	16.22		
1.4	256QAM	6	0	16.23	16.29	16.19	17.8	0

Band 4 Ant 3

BW [MHz]	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	17.87	18.01	17.71		
20	QPSK	1	49	17.68	17.77	17.77	19	0
20	QPSK	1	99	17.54	17.62	17.60		
20	QPSK	50	0	17.72	17.76	17.71		
20	QPSK	50	24	17.50	17.67	17.63	19	0
20	QPSK	50	50	17.66	17.41	17.47		
20	QPSK	100	0	17.72	17.90	17.69		
20	16QAM	1	0	17.76	17.76	17.82		
20	16QAM	1	49	17.54	17.69	17.67	19	0
20	16QAM	1	99	17.37	17.52	17.42		
20	16QAM	50	0	17.62	17.68	17.67		
20	16QAM	50	24	17.56	17.61	17.40	19	0
20	16QAM	50	50	17.57	17.43	17.30		
20	16QAM	100	0	17.68	17.80	17.52		
20	64QAM	1	0	17.72	17.94	17.64		
20	64QAM	1	49	17.54	17.65	17.75	19	0
20	64QAM	1	99	17.47	17.49	17.45		
20	64QAM	50	0	17.51	17.68	17.55		
20	64QAM	50	24	17.41	17.59	17.46	19	0
20	64QAM	50	50	17.52	17.50	17.40		
20	64QAM	100	0	17.59	17.64	17.65		
20	256QAM	1	0	17.83	17.79	17.72		
20	256QAM	1	49	17.56	17.53	17.72	19	0
20	256QAM	1	99	17.49	17.49	17.57		
20	256QAM	50	0	17.63	17.83	17.65		
20	256QAM	50	24	17.53	17.57	17.47	19	0
20	256QAM	50	50	17.60	17.52	17.56		
20	256QAM	100	0	17.70	17.66	17.69		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.71	17.89	17.54		
15	QPSK	1	37	17.51	17.71	17.66	19	0
15	QPSK	1	74	17.47	17.48	17.43		
15	QPSK	36	0	17.66	17.63	17.57		
15	QPSK	36	20	17.38	17.56	17.56	19	0
15	QPSK	36	39	17.58	17.29	17.35		
15	QPSK	75	0	17.55	17.65	17.52		
15	16QAM	1	0	17.70	17.64	17.75		
15	16QAM	1	37	17.52	17.66	17.61	19	0
15	16QAM	1	74	17.30	17.36	17.36		
15	16QAM	36	0	17.51	17.58	17.63		
15	16QAM	36	20	17.38	17.46	17.27	19	0
15	16QAM	36	39	17.46	17.31	17.26		
15	16QAM	75	0	17.58	17.64	17.42		
15	64QAM	1	0	17.69	17.76	17.54		
15	64QAM	1	37	17.39	17.52	17.72	19	0
15	64QAM	1	74	17.30	17.41	17.37		
15	64QAM	36	0	17.37	17.53	17.42		
15	64QAM	36	20	17.26	17.43	17.34	19	0
15	64QAM	36	39	17.48	17.47	17.35		
15	64QAM	75	0	17.52	17.48	17.48		
15	256QAM	1	0	17.71	17.64	17.66		
15	256QAM	1	37	17.40	17.46	17.61	19	0
15	256QAM	1	74	17.35	17.33	17.50		
15	256QAM	36	0	17.56	17.69	17.50		
15	256QAM	36	20	17.50	17.43	17.35	19	0
15	256QAM	36	39	17.46	17.38	17.39		
15	256QAM	75	0	17.65	17.53	17.59		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.70	17.84	17.63		
10	QPSK	1	25	17.61	17.74	17.64	19	0
10	QPSK	1	49	17.38	17.54	17.57		
10	QPSK	25	0	17.68	17.62	17.59		
10	QPSK	25	12	17.45	17.56	17.52	19	0
10	QPSK	25	25	17.63	17.33	17.30		
10	QPSK	50	0	17.57	17.73	17.57		
10	16QAM	1	0	17.69	17.59	17.74		
10	16QAM	1	25	17.37	17.60	17.50	19	0
10	16QAM	1	49	17.27	17.49	17.37		
10	16QAM	25	0	17.48	17.54	17.50		
10	16QAM	25	12	17.46	17.55	17.38	19	0
10	16QAM	25	25	17.48	17.33	17.14		
10	16QAM	50	0	17.63	17.77	17.36		
10	64QAM	1	0	17.67	17.72	17.60		
10	64QAM	1	25	17.50	17.55	17.69	19	0
10	64QAM	1	49	17.41	17.44	17.39		
10	64QAM	25	0	17.44	17.65	17.52		
10	64QAM	25	12	17.29	17.51	17.30	19	0
10	64QAM	25	25	17.40	17.47	17.35		
10	64QAM	50	0	17.43	17.58	17.53		
10	256QAM	1	0	17.72	17.66	17.69		
10	256QAM	1	25	17.41	17.39	17.60	19	0
10	256QAM	1	49	17.44	17.46	17.41		
10	256QAM	25	0	17.61	17.77	17.49		
10	256QAM	25	12	17.37	17.46	17.41	19	0
10	256QAM	25	25	17.42	17.35	17.44		
10	256QAM	50	0	17.61	17.50	17.59		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.72	17.93	17.55		
5	QPSK	1	12	17.55	17.73	17.75	19	0
5	QPSK	1	24	17.48	17.58	17.46		
5	QPSK	12	0	17.67	17.60	17.56		
5	QPSK	12	7	17.47	17.61	17.45	19	0
5	QPSK	12	13	17.53	17.24	17.40		
5	QPSK	25	0	17.64	17.70	17.55		
5	16QAM	1	0	17.67	17.71	17.69		
5	16QAM	1	12	17.43	17.57	17.63	19	0
5	16QAM	1	24	17.29	17.47	17.26		
5	16QAM	12	0	17.46	17.63	17.64		
5	16QAM	12	7	17.44	17.45	17.23	19	0
5	16QAM	12	13	17.48	17.30	17.21		
5	16QAM	25	0	17.52	17.72	17.45		
5	64QAM	1	0	17.66	17.80	17.61		
5	64QAM	1	12	17.40	17.55	17.64	19	0
5	64QAM	1	24	17.37	17.41	17.41		
5	64QAM	12	0	17.45	17.62	17.44		
5	64QAM	12	7	17.36	17.42	17.43	19	0
5	64QAM	12	13	17.35	17.47	17.33		
5	64QAM	25	0	17.50	17.48	17.56		
5	256QAM	1	0	17.72	17.63	17.61		
5	256QAM	1	12	17.45	17.38	17.66	19	0
5	256QAM	1	24	17.42	17.37	17.46		
5	256QAM	12	0	17.54	17.51	17.62		
5	256QAM	12	7	17.40	17.46	17.31	19	0
5	256QAM	12	13	17.48	17.47	17.51		
5	256QAM	25	0	17.58	17.52	17.54		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.73	17.85	17.66		
3	QPSK	1	8	17.59	17.67	17.71	19	0
3	QPSK	1	14	17.45	17.55	17.44		
3	QPSK	8	0	17.63	17.63	17.63		
3	QPSK	8	4	17.33	17.65	17.55	19	0
3	QPSK	8	7	17.56	17.31	17.37		
3	QPSK	15	0	17.70	17.77	17.59		
3	16QAM	1	0	17.62	17.73	17.70		
3	16QAM	1	8	17.40	17.56	17.55	19	0
3	16QAM	1	14	17.23	17.35	17.39		
3	16QAM	8	0	17.47	17.65	17.52		
3	16QAM	8	4	17.50	17.55	17.36	19	0
3	16QAM	8	7	17.43	17.32	17.21		
3	16QAM	15	0	17.57	17.66	17.49		
3	64QAM	1	0	17.68	17.81	17.56		
3	64QAM	1	8	17.49	17.51	17.66	19	0
3	64QAM	1	14	17.39	17.36	17.31		
3	64QAM	8	0	17.37	17.55	17.53		
3	64QAM	8	4	17.25	17.56	17.41	19	0
3	64QAM	8	7	17.37	17.36	17.29		
3	64QAM	15	0	17.41	17.61	17.52		
3	256QAM	1	0	17.76	17.63	17.66		
3	256QAM	1	8	17.50	17.39	17.55	19	0
3	256QAM	1	14	17.45	17.35	17.44		
3	256QAM	8	0	17.59	17.71	17.61		
3	256QAM	8	4	17.46	17.42	17.35	19	0
3	256QAM	8	7	17.57	17.35	17.45		
3	256QAM	15	0	17.67	17.57	17.66		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.73	17.85	17.57		
1.4	QPSK	1	3	17.60	17.74	17.68		
1.4	QPSK	1	5	17.37	17.58	17.57	19	0
1.4	QPSK	3	0	17.56	17.68	17.64		
1.4	QPSK	3	1	17.33	17.54	17.47		
1.4	QPSK	3	3	17.51	17.38	17.34		
1.4	QPSK	6	0	17.56	17.77	17.56	19	0
1.4	16QAM	1	0	17.71	17.66	17.72		
1.4	16QAM	1	3	17.43	17.67	17.51		
1.4	16QAM	1	5	17.26	17.48	17.36	19	0
1.4	16QAM	3	0	17.52	17.60	17.58		
1.4	16QAM	3	1	17.53	17.50	17.24		
1.4	16QAM	3	3	17.51	17.28	17.19		
1.4	16QAM	6	0	17.52	17.77	17.41	19	0
1.4	64QAM	1	0	17.68	17.71	17.55		
1.4	64QAM	1	3	17.46	17.56	17.67		
1.4	64QAM	1	5	17.43	17.43	17.30	19	0
1.4	64QAM	3	0	17.43	17.57	17.44		
1.4	64QAM	3	1	17.35	17.50	17.35		
1.4	64QAM	3	3	17.37	17.37	17.31		
1.4	64QAM	6	0	17.55	17.48	17.60	19	0
1.4	256QAM	1	0	17.79	17.75	17.56		
1.4	256QAM	1	3	17.41	17.45	17.64		
1.4	256QAM	1	5	17.45	17.41	17.53	19	0
1.4	256QAM	3	0	17.58	17.67	17.62		
1.4	256QAM	3	1	17.38	17.51	17.38		
1.4	256QAM	3	3	17.44	17.46	17.53		
1.4	256QAM	6	0	17.64	17.49	17.59	19	0

Band 7 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.47	15.59	15.55		
20	QPSK	1	49	15.37	15.47	15.32	16.6	0
20	QPSK	1	99	15.28	15.32	15.29		
20	QPSK	50	0	15.43	15.50	15.43		
20	QPSK	50	24	15.31	15.27	15.24	16.6	0
20	QPSK	50	50	15.26	15.17	15.25		
20	QPSK	100	0	15.35	15.48	15.30		
20	16QAM	1	0	15.38	15.42	15.22		
20	16QAM	1	49	15.18	15.14	15.27	16.6	0
20	16QAM	1	99	15.37	15.41	15.37		
20	16QAM	50	0	15.27	15.42	15.19		
20	16QAM	50	24	15.17	15.16	15.28	16.

Band 25 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	16.59	16.74	16.62	17.8	0
20	QPSK	1	49	16.40	16.66	16.49		
20	QPSK	1	99	16.34	16.58	16.60		
20	QPSK	50	0	16.44	16.68	16.60	17.8	0
20	QPSK	50	24	16.43	16.65	16.49		
20	QPSK	50	50	16.43	16.66	16.63		
20	QPSK	100	0	16.52	16.55	16.42		
20	16QAM	1	0	16.53	16.70	16.56	17.8	0
20	16QAM	1	49	16.29	16.48	16.36		
20	16QAM	1	99	16.29	16.40	16.54		
20	16QAM	50	0	16.35	16.52	16.54	17.8	0
20	16QAM	50	24	16.37	16.58	16.41		
20	16QAM	50	50	16.40	16.57	16.56		
20	16QAM	100	0	16.41	16.49	16.32		
20	64QAM	1	0	16.53	16.59	16.56	17.8	0
20	64QAM	1	49	16.23	16.50	16.38		
20	64QAM	1	99	16.26	16.47	16.47		
20	64QAM	50	0	16.37	16.57	16.51	17.8	0
20	64QAM	50	24	16.34	16.55	16.37		
20	64QAM	50	50	16.33	16.57	16.56		
20	64QAM	100	0	16.39	16.42	16.36		
20	256QAM	1	0	16.41	16.56	16.53	17.8	0
20	256QAM	1	49	16.31	16.57	16.42		
20	256QAM	1	99	16.21	16.55	16.53		
20	256QAM	50	0	16.39	16.53	16.46	17.8	0
20	256QAM	50	24	16.36	16.47	16.31		
20	256QAM	50	50	16.37	16.50	16.47		
20	256QAM	100	0	16.38	16.49	16.36		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.55	16.67	16.55	17.8	0
15	QPSK	1	37	16.34	16.53	16.35		
15	QPSK	1	74	16.31	16.52	16.51		
15	QPSK	36	0	16.33	16.60	16.54	17.8	0
15	QPSK	36	20	16.30	16.50	16.44		
15	QPSK	36	39	16.38	16.54	16.60		
15	QPSK	75	0	16.49	16.47	16.28		
15	16QAM	1	0	16.45	16.56	16.40	17.8	0
15	16QAM	1	37	16.14	16.40	16.20		
15	16QAM	1	74	16.26	16.36	16.43		
15	16QAM	36	0	16.33	16.40	16.46	17.8	0
15	16QAM	36	20	16.24	16.42	16.39		
15	16QAM	36	39	16.33	16.52	16.46		
15	16QAM	75	0	16.32	16.34	16.22		
15	64QAM	1	0	16.35	16.50	16.46	17.8	0
15	64QAM	1	37	16.20	16.36	16.28		
15	64QAM	1	74	16.22	16.33	16.32		
15	64QAM	36	0	16.22	16.50	16.43	17.8	0
15	64QAM	36	20	16.18	16.39	16.22		
15	64QAM	36	39	16.25	16.48	16.48		
15	64QAM	75	0	16.24	16.32	16.22		
15	256QAM	1	0	16.38	16.38	16.43	17.8	0
15	256QAM	1	37	16.21	16.51	16.36		
15	256QAM	1	74	16.17	16.39	16.46		
15	256QAM	36	0	16.37	16.40	16.42	17.8	0
15	256QAM	36	20	16.20	16.41	16.19		
15	256QAM	36	39	16.21	16.44	16.31		
15	256QAM	75	0	16.29	16.31	16.33		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.51	16.70	16.58	17.8	0
10	QPSK	1	25	16.31	16.53	16.34		
10	QPSK	1	49	16.27	16.42	16.45		
10	QPSK	25	0	16.34	16.66	16.42	17.8	0
10	QPSK	25	12	16.39	16.54	16.37		
10	QPSK	25	25	16.28	16.53	16.47		
10	QPSK	50	0	16.34	16.41	16.35		
10	16QAM	1	0	16.39	16.65	16.53	17.8	0
10	16QAM	1	25	16.26	16.39	16.29		
10	16QAM	1	49	16.24	16.32	16.36		
10	16QAM	25	0	16.31	16.49	16.49	17.8	0
10	16QAM	25	12	16.24	16.42	16.39		
10	16QAM	25	25	16.31	16.52	16.45		
10	16QAM	50	0	16.25	16.37	16.15		
10	64QAM	1	0	16.39	16.54	16.54	17.8	0
10	64QAM	1	25	16.15	16.38	16.27		
10	64QAM	1	49	16.13	16.39	16.33		
10	64QAM	25	0	16.26	16.44	16.45	17.8	0
10	64QAM	25	12	16.18	16.49	16.34		
10	64QAM	25	25	16.17	16.44	16.40		
10	64QAM	50	0	16.24	16.37	16.20	17.8	0
10	256QAM	1	0	16.25	16.52	16.43		
10	256QAM	1	25	16.26	16.42	16.24		
10	256QAM	1	49	16.16	16.42	16.51		
10	256QAM	25	0	16.34	16.45	16.31	17.8	0
10	256QAM	25	12	16.22	16.37	16.25		
10	256QAM	25	25	16.09	16.36	16.37		
10	256QAM	50	0	16.25	16.47	16.26		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.45	16.68	16.55	17.8	0
5	QPSK	1	12	16.24	16.64	16.35		
5	QPSK	1	24	16.28	16.41	16.44		
5	QPSK	12	0	16.30	16.65	16.47	17.8	0
5	QPSK	12	7	16.37	16.58	16.40		
5	QPSK	12	13	16.34	16.50	16.45		
5	QPSK	25	0	16.35	16.52	16.31		
5	16QAM	1	0	16.46	16.66	16.40	17.8	0
5	16QAM	1	12	16.20	16.35	16.33		
5	16QAM	1	24	16.21	16.37	16.48		
5	16QAM	12	0	16.24	16.35	16.47	17.8	0
5	16QAM	12	7	16.28	16.42	16.28		
5	16QAM	12	13	16.22	16.39	16.54		
5	16QAM	25	0	16.31	16.40	16.18		
5	64QAM	1	0	16.45	16.50	16.48	17.8	0
5	64QAM	1	12	16.08	16.43	16.25		
5	64QAM	1	24	16.17	16.45	16.40		
5	64QAM	12	0	16.33	16.48	16.36	17.8	0
5	64QAM	12	7	16.16	16.41	16.21		
5	64QAM	12	13	16.16	16.41	16.47		
5	64QAM	25	0	16.30	16.34	16.26		
5	256QAM	1	0	16.35	16.51	16.40	17.8	0
5	256QAM	1	12	16.23	16.51	16.25		
5	256QAM	1	24	16.10	16.52	16.46		
5	256QAM	12	0	16.31	16.40	16.34	17.8	0
5	256QAM	12	7	16.20	16.32	16.19		
5	256QAM	12	13	16.21	16.33	16.41		
5	256QAM	25	0	16.21	16.40	16.31		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	16.49	16.65	16.45	17.8	0
3	QPSK	1	8	16.34	16.48	16.47		
3	QPSK	1	14	16.19	16.52	16.47		
3	QPSK	8	0	16.37	16.60	16.57	17.8	0
3	QPSK	8	4	16.28	16.62	16.35		
3	QPSK	8	7	16.31	16.63	16.57		
3	QPSK	15	0	16.43	16.39	16.36		
3	16QAM	1	0	16.48	16.53	16.51	17.8	0
3	16QAM	1	8	16.12	16.30	16.19		
3	16QAM	1	14	16.21	16.31	16.46		
3	16QAM	8	0	16.28	16.41	16.47	17.8	0
3	16QAM	8	4	16.26	16.49	16.28		
3	16QAM	8	7	16.32	16.47	16.38		
3	16QAM	15	0	16.32	16.34	16.19		
3	64QAM	1	0	16.43	16.55	16.49	17.8	0
3	64QAM	1	8	16.10	16.48	16.34		
3	64QAM	1	14	16.19	16.43	16.43		
3	64QAM	8	0	16.33	16.48	16.47	17.8	0
3	64QAM	8	4	16.31	16.51	16.27		
3	64QAM	8	7	16.19	16.51	16.53		
3	64QAM	15	0	16.23	16.27	16.20		
3	256QAM	1	0	16.26	16.48	16.43	17.8	0
3	256QAM	1	8	16.23	16.47	16.26		
3	256QAM	1	14	16.19	16.48	16.45		
3	256QAM	8	0	16.30	16.48	16.37	17.8	0
3	256QAM	8	4	16.28	16.30	16.28		
3	256QAM	8	7	16.13	16.43	16.32		
3	256QAM	15	0	16.28	16.39	16.20		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	16.55	16.68	16.50	17.8	0
1.4	QPSK	1	3	16.25	16.51	16.46		
1.4	QPSK	1	5	16.20	16.53	16.53		
1.4	QPSK	3	0	16.29	16.50	16.53		
1.4	QPSK	3	1	16.31	16.61	16.41		
1.4	QPSK	3	3	16.33	16.54	16.51		
1.4	QPSK	6	0	16.37	16.42	16.28	17.8	0
1.4	16QAM	1	0	16.50	16.56	16.52	17.8	0
1.4	16QAM	1	3	16.18	16.33	16.28		
1.4	16QAM	1	5	16.27	16.35	16.43		
1.4	16QAM	3	0	16.33	16.48	16.49		
1.4	16QAM	3	1	16.20	16.51	16.35		
1.4	16QAM	3	3	16.25	16.40	16.54		
1.4	16QAM	6	0	16.37	16.39	16.25	17.8	0
1.4	64QAM	1	0	16.46	16.51	16.40	17.8	0
1.4	64QAM	1	3	16.15	16.48	16.28		
1.4	64QAM	1	5	16.22	16.44	16.38		
1.4	64QAM	3	0	16.30	16.41	16.34		
1.4	64QAM	3	1	16.20	16.37	16.27		
1.4	64QAM	3	3	16.28	16.54	16.53		
1.4	64QAM	6	0	16.35	16.33	16.26	17.8	0
1.4	256QAM	1	0	16.25	16.39	16.50	17.8	0
1.4	256QAM	1	3	16.26	16.47	16.24		
1.4	256QAM	1	5	16.15	16.41	16.46		
1.4	256QAM	3	0	16.22	16.49	16.44		
1.4	256QAM	3	1	16.33	16.41	16.25		
1.4	256QAM	3	3	16.10	16.37	16.30		
1.4	256QAM	6	0	16.21	16.32	16.24	17.8	0

Band 66 Ant 3

BW [MHz]	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	17.96	18.04	17.88	19	0
20	QPSK	1	49	17.80	17.83	17.81		
20	QPSK	1	99	17.83	17.74	17.69		
20	QPSK	50	0	17.83	17.92	17.85	19	0
20	QPSK	50	24	17.67	17.76	17.66		
20	QPSK	50	50	17.71	17.59	17.64		
20	QPSK	100	0	17.83	17.91	17.84		
20	16QAM	1	0	17.92	17.89	17.84	19	0
20	16QAM	1	49	17.67	17.74	17.71		
20	16QAM	1	99	17.46	17.62	17.57		
20	16QAM	50	0	17.70	17.78	17.71	19	0
20	16QAM	50	24	17.62	17.65	17.50		
20	16QAM	50	50	17.65	17.54	17.48		
20	16QAM	100	0	17.74	17.85	17.68		
20	64QAM	1	0	17.79	18.01	17.76	19	0
20	64QAM	1	49	17.71	17.79	17.78		
20	64QAM	1	99	17.56	17.67	17.52		
20	64QAM	50	0	17.68	17.83	17.68	19	0
20	64QAM	50	24	17.54	17.70	17.63		
20	64QAM	50	50	17.58	17.56	17.47		
20	64QAM	100	0	17.74	17.75	17.82		
20	256QAM	1	0	17.86	17.94	17.80	19	0
20	256QAM	1	49	17.65	17.65	17.76		
20	256QAM	1	99	17.59	17.63	17.61		
20	256QAM	50	0	17.76	17.87	17.82	19	0
20	256QAM	50	24	17.61	17.68	17.61		
20	256QAM	50	50	17.66	17.55	17.59		
20	256QAM	100	0	17.74	17.76	17.78		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.78	17.90	17.81	19	0
15	QPSK	1	37	17.65	17.76	17.72		
15	QPSK	1	74	17.48	17.65	17.65		
15	QPSK	36	0	17.73	17.74	17.68	19	0
15	QPSK	36	20	17.53	17.66	17.59		
15	QPSK	36	39	17.67	17.55	17.58		
15	QPSK	75	0	17.78	17.85	17.71		
15	16QAM	1	0	17.88	17.79	17.77	19	0
15	16QAM	1	37	17.61	17.60	17.62		
15	16QAM	1	74	17.39	17.46	17.50		
15	16QAM	36	0	17.57	17.73	17.67	19	0
15	16QAM	36	20	17.48	17.57	17.35		
15	16QAM	36	39	17.62	17.40	17.37		
15	16QAM	75	0	17.69	17.67	17.53		
15	64QAM	1	0	17.68	17.98	17.61	19	0
15	64QAM	1	37	17.56	17.73	17.65		
15	64QAM	1	74	17.53	17.62	17.48		
15	64QAM	36	0	17.51	17.79	17.57	19	0
15	64QAM	36	20	17.41	17.65	17.51		
15	64QAM	36	39	17.49	17.53	17.36		
15	64QAM	75	0	17.69	17.65	17.76		
15	256QAM	1	0	17.90	18.02	17.94	19	0
15	256QAM	1	37	17.85	17.93	17.88		
15	256QAM	1	74	17.83	17.88	17.86		
15	256QAM	36	0	17.79	17.95	17.86	19	0
15	256QAM	36	20	17.92	17.92	17.79		
15	256QAM	36	39	17.77	17.85	17.77		
15	256QAM	75	0	17.88	17.94	17.90		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.85	17.90	17.84	19	0
10	QPSK	1	25	17.64	17.75	17.65		
10	QPSK	1	49	17.46	17.70	17.56		
10	QPSK	25	0	17.76	17.78	17.67	19	0
10	QPSK	25	12	17.60	17.59	17.49		
10	QPSK	25	25	17.64	17.43	17.59		
10	QPSK	50	0	17.77	17.84	17.73		
10	16QAM	1	0	17.81	17.75	17.73	19	0
10	16QAM	1	25	17.63	17.63	17.58		
10	16QAM	1	49	17.39	17.45	17.51		
10	16QAM	25	0	17.55	17.61	17.56	19	0
10	16QAM	25	12	17.51	17.50	17.38		
10	16QAM	25	25	17.56	17.49	17.45		
10	16QAM	50	0	17.72	17.81	17.53		
10	64QAM	1	0	17.61	17.94	17.59	19	0
10	64QAM	1	25	17.64	17.62	17.67		
10	64QAM	1	49	17.45	17.51	17.46		
10	64QAM	25	0	17.58	17.77	17.63	19	0
10	64QAM	25	12	17.42	17.64	17.49		
10	64QAM	25	25	17.56	17.51	17.32		
10	64QAM	50	0	17.71	17.59	17.65	19	0
10	256QAM	1	0	17.88	18.00	17.91		
10	256QAM	1	25	17.92	17.95	17.95		
10	256QAM	1	49	17.83	17.95	17.86		
10	256QAM	25	0	17.85	18.01	17.84	19	0
10	256QAM	25	12	17.84	17.90	17.79		
10	256QAM	25	25	17.84	17.91	17.85		
10	256QAM	50	0	17.88	17.92	17.85		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.94	17.89	17.75	19	0
5	QPSK	1	12	17.63	17.79	17.70		
5	QPSK	1	24	17.56	17.63	17.58		
5	QPSK	12	0	17.78	17.78	17.70	19	0
5	QPSK	12	7	17.59	17.64	17.55		
5	QPSK	12	13	17.57	17.51	17.61		
5	QPSK	25	0	17.70	17.85	17.79		
5	16QAM	1	0	17.83	17.78	17.71	19	0
5	16QAM	1	12	17.65	17.72	17.66		
5	16QAM	1	24	17.42	17.51	17.49		
5	16QAM	12	0	17.64	17.62	17.69	19	0
5	16QAM	12	7	17.49	17.50	17.43		
5	16QAM	12	13	17.59	17.40	17.37		
5	16QAM	25	0	17.69	17.82	17.56		
5	64QAM	1	0	17.66	17.90	17.59	19	0
5	64QAM	1	12	17.63	17.71	17.64		
5	64QAM	1	24	17.50	17.55	17.43		
5	64QAM	12	0	17.60	17.70	17.55	19	0
5	64QAM	12	7	17.38	17.57	17.61		
5	64QAM	12	13	17.43	17.38	17.37		
5	64QAM	25	0	17.67	17.65	17.78		
5	256QAM	1	0	17.61	17.37	17.34	19	0
5	256QAM	1	12	17.70	17.78	17.63		
5	256QAM	1	24	17.68	17.84	17.72		
5	256QAM	12	0	17.51	17.45	17.41	19	0
5	256QAM	12	7	17.71	17.67	17.62		
5	256QAM	12	13	17.66	17.87	17.59		
5	256QAM	25	0	17.67	17.62	17.65		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.88	17.98	17.74	19	0
3	QPSK	1	8	17.66	17.69	17.76		
3	QPSK	1	14	17.51	17.57	17.59		
3	QPSK	8	0	17.67	17.88	17.78	19	0
3	QPSK	8	4	17.51	17.73	17.61		
3	QPSK	8	7	17.57	17.50	17.52		
3	QPSK	15	0	17.77	17.84	17.71	19	0
3	16QAM	1	0	17.75	17.77	17.67		
3	16QAM	1	8	17.53	17.67	17.61		
3	16QAM	1	14	17.39	17.50	17.53		
3	16QAM	8	0	17.60	17.62	17.56	19	0
3	16QAM	8	4	17.57	17.52	17.46		
3	16QAM	8	7	17.58	17.44	17.35		
3	16QAM	15	0	17.65	17.76	17.62		
3	64QAM	1	0	17.64	17.85	17.64	19	0
3	64QAM	1	8	17.57	17.68	17.70		
3	64QAM	1	14	17.43	17.51	17.39		
3	64QAM	8	0	17.55	17.67	17.52	19	0
3	64QAM	8	4	17.47	17.58	17.45		
3	64QAM	8	7	17.41	17.41	17.43		
3	64QAM	15	0	17.57	17.70	17.77		
3	256QAM	1	0	17.95	18.02	17.98	19	0
3	256QAM	1	8	17.93	17.96	17.97		
3	256QAM	1	14	17.86	17.92	17.90		
3	256QAM	8	0	17.83	17.97	17.85	19	0
3	256QAM	8	4	17.84	17.88	17.77		
3	256QAM	8	7	17.76	17.81	17.85		
3	256QAM	15	0	17.86	17.92	17.83		
Channel				131979	132322	132885	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.86	17.87	17.73	19	0
1.4	QPSK	1	3	17.71	17.80	17.66		
1.4	QPSK	1	5	17.60	17.63	17.53		
1.4	QPSK	3	0	17.75	17.83	17.67		
1.4	QPSK	3	1	17.50	17.73	17.51		
1.4	QPSK	3	3	17.62	17.56	17.54		
1.4	QPSK	6	0	17.73	17.88	17.71	19	0
1.4	16QAM	1	0	17.77	17.78	17.81	19	0
1.4	16QAM	1	3	17.50	17.70	17.64		
1.4	16QAM	1	5	17.39	17.47	17.42		
1.4	16QAM	3	0	17.62	17.73	17.62		
1.4	16QAM	3	1	17.47	17.61	17.33		
1.4	16QAM	3	3	17.52	17.49	17.33		
1.4	16QAM	6	0	17.67	17.75	17.61	19	0
1.4	64QAM	1	0	17.73	17.83	17.66	19	0
1.4	64QAM	1	3	17.56	17.76	17.61		
1.4	64QAM	1	5	17.42	17.50	17.43		
1.4	64QAM	3	0	17.63	17.77	17.56		
1.4	64QAM	3	1	17.45	17.61	17.49		
1.4	64QAM	3	3	17.46	17.47	17.36		
1.4	64QAM	6	0	17.61	17.69	17.74	19	0
1.4	256QAM	1	0	17.63	17.47	17.43	18.1	0.9
1.4	256QAM	1	3	17.60	17.78	17.53		
1.4	256QAM	1	5	17.56	17.41	17.30		
1.4	256QAM	3	0	17.71	17.67	17.55		
1.4	256QAM	3	1	17.68	17.86	17.61		
1.4	256QAM	3	3	17.65	17.62	17.67		
1.4	256QAM	6	0	17.66	17.67	17.74	18.1	0.9

Band 38 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.49	18.55	18.37	19.6	0
20	QPSK	1	49	18.41	18.54	18.38		
20	QPSK	1	99	18.19	18.54	18.23		
20	QPSK	50	0	18.28	18.50	18.21		
20	QPSK	50	24	18.20	18.49	18.19		
20	QPSK	50	50	18.15	18.46	18.05		
20	QPSK	100	0	18.32	18.45	18.21		
20	16QAM	1	0	18.36	18.39	18.26		
20	16QAM	1	49	18.19	18.39	18.23	19.6	0
20	16QAM	1	99	18.14	18.34	18.26		
20	16QAM	50	0	18.28	18.44	18.17		
20	16QAM	50	24	18.30	18.37	18.21	19.6	0
20	16QAM	50	50	18.24	18.40	18.11		
20	16QAM	100	0	18.15	18.30	18.14		
20	64QAM	1	0	18.35	18.26	18.14		
20	64QAM	1	49	18.33	18.40	18.10	19.6	0
20	64QAM	1	99	18.33	18.31	18.06		
20	64QAM	50	0	18.26	18.33	18.06		
20	64QAM	50	24	18.22	18.34	18.07	19.6	0
20	64QAM	50	50	18.31	18.32	18.17		
20	64QAM	100	0	18.32	18.41	18.25		
20	256QAM	1	0	18.24	18.34	18.10	19	0.6
20	256QAM	1	49	18.22	18.36	18.11		
20	256QAM	1	99	18.27	18.34	18.18		
20	256QAM	50	0	18.32	18.36	18.10	19	0.6
20	256QAM	50	24	18.21	18.39	18.08		
20	256QAM	50	50	18.30	18.33	18.06		
20	256QAM	100	0	18.23	18.23	18.16		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.45	18.38	18.33	19.6	0
15	QPSK	1	37	18.32	18.44	18.20		
15	QPSK	1	74	18.02	18.39	18.14		
15	QPSK	36	0	18.23	18.34	18.15		
15	QPSK	36	20	18.09	18.45	18.05	19.6	0
15	QPSK	36	39	18.09	18.39	18.00		
15	QPSK	75	0	18.15	18.37	18.03		
15	16QAM	1	0	18.29	18.28	18.15		
15	16QAM	1	37	18.10	18.26	18.10	19.6	0
15	16QAM	1	74	18.04	18.20	18.12		
15	16QAM	36	0	18.13	18.38	18.01		
15	16QAM	36	20	18.28	18.24	18.08	19.6	0
15	16QAM	36	39	18.14	18.38	18.07		
15	16QAM	75	0	18.04	18.19	18.04		
15	64QAM	1	0	18.30	18.08	18.08		
15	64QAM	1	37	18.23	18.32	17.93	19.6	0
15	64QAM	1	74	18.28	18.28	18.03		
15	64QAM	36	0	18.23	18.29	18.02		
15	64QAM	36	20	18.12	18.16	17.91	19.6	0
15	64QAM	36	39	18.26	18.18	18.03		
15	64QAM	75	0	18.20	18.32	18.10		
15	256QAM	1	0	18.20	18.22	18.08		
15	256QAM	1	37	18.19	18.21	18.06	19	0.6
15	256QAM	1	74	18.18	18.28	18.05		
15	256QAM	36	0	18.29	18.33	17.97		
15	256QAM	36	20	18.09	18.33	18.03	19	0.6
15	256QAM	36	39	18.13	18.21	17.93		
15	256QAM	75	0	18.17	18.13	18.03		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.42	18.39	18.23	19.6	0
10	QPSK	1	25	18.24	18.45	18.25		
10	QPSK	1	49	18.10	18.51	18.10		
10	QPSK	25	0	18.23	18.39	18.08		
10	QPSK	25	12	18.16	18.38	18.03	19.6	0
10	QPSK	25	25	18.05	18.38	17.97		
10	QPSK	50	0	18.30	18.42	18.08		
10	16QAM	1	0	18.31	18.36	18.13		
10	16QAM	1	25	18.09	18.25	18.16	19.6	0
10	16QAM	1	49	18.11	18.28	18.14		
10	16QAM	25	0	18.19	18.31	18.12		
10	16QAM	25	12	18.18	18.28	18.07	19.6	0
10	16QAM	25	25	18.18	18.26	17.97		
10	16QAM	50	0	18.08	18.13	18.00		
10	64QAM	1	0	18.18	18.23	18.12		
10	64QAM	1	25	18.22	18.26	18.05	19.6	0
10	64QAM	1	49	18.24	18.28	17.97		
10	64QAM	25	0	18.15	18.27	17.98		
10	64QAM	25	12	18.17	18.21	17.90	19.6	0
10	64QAM	25	25	18.14	18.29	18.13		
10	64QAM	50	0	18.29	18.31	18.10		
10	256QAM	1	0	18.15	18.31	17.97		
10	256QAM	1	25	18.05	18.29	18.06	19	0.6
10	256QAM	1	49	18.09	18.27	18.04		
10	256QAM	25	0	18.14	18.18	18.03		
10	256QAM	25	12	18.04	18.32	18.06	19	0.6
10	256QAM	25	25	18.25	18.20	18.02		
10	256QAM	50	0	18.08	18.08	17.98		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.32	18.53	18.23	19.6	0
5	QPSK	1	12	18.33	18.42	18.32		
5	QPSK	1	24	18.05	18.46	18.10		
5	QPSK	12	0	18.17	18.33	18.17		
5	QPSK	12	7	18.10	18.36	18.03	19.6	0
5	QPSK	12	13	18.11	18.33	18.02		
5	QPSK	25	0	18.29	18.31	18.10		
5	16QAM	1	0	18.32	18.35	18.21		
5	16QAM	1	12	18.08	18.30	18.16	19.6	0
5	16QAM	1	24	18.05	18.25	18.10		
5	16QAM	12	0	18.15	18.27	18.14		
5	16QAM	12	7	18.18	18.30	18.08	19.6	0
5	16QAM	12	13	18.21	18.36	18.04		
5	16QAM	25	0	18.07	18.19	17.97		
5	64QAM	1	0	18.30	18.08	18.07		
5	64QAM	1	12	18.26	18.31	17.94	19.6	0
5	64QAM	1	24	18.22	18.27	17.92		
5	64QAM	12	0	18.17	18.28	17.94		
5	64QAM	12	7	18.11	18.22	17.91	19.6	0
5	64QAM	12	13	18.22	18.15	18.06		
5	64QAM	25	0	18.23	18.37	18.10		
5	256QAM	1	0	18.21	18.24	18.04		
5	256QAM	1	12	18.10	18.19	18.04	19	0.6
5	256QAM	1	24	18.22	18.24	18.08		
5	256QAM	12	0	18.19	18.34	17.98		
5	256QAM	12	7	18.03	18.33	18.01	19	0.6
5	256QAM	12	13	18.27	18.31	17.94		
5	256QAM	25	0	18.08	18.20	18.10		

Band 41 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.56	18.57	18.66	18.42	18.46	19.6	0
20	QPSK	1	49	18.37	18.45	18.59	18.44	18.29		
20	QPSK	1	99	18.29	18.30	18.58	18.36	18.19		
20	QPSK	50	0	18.35	18.40	18.62	18.26	18.22		
20	QPSK	50	24	18.38	18.37	18.61	18.28	18.26		
20	QPSK	50	50	18.28	18.33	18.49	18.23	18.26		
20	QPSK	100	0	18.43	18.44	18.54	18.33	18.24		
20	16QAM	1	0	18.46	18.39	18.58	18.39	18.38		
20	16QAM	1	49	18.35	18.35	18.44	18.31	18.20	19.6	0
20	16QAM	1	99	18.17	18.20	18.38	18.29	18.23		
20	16QAM	50	0	18.31	18.36	18.47	18.29	18.14		
20	16QAM	50	24	18.36	18.36	18.42	18.30	18.18	19.6	0
20	16QAM	50	50	18.38	18.35	18.50	18.16	18.20		
20	16QAM	100	0	18.34	18.27	18.38	18.23	18.11		
20	64QAM	1	0	18.29	18.41	18.39	18.17	18.21		
20	64QAM	1	49	18.38	18.37	18.51	18.25	18.15	19.6	0
20	64QAM	1	99	18.26	18.37	18.38	18.16	18.08		
20	64QAM	50	0	18.36	18.41	18.44	18.18	18.09		
20	64QAM	50	24	18.27	18.40	18.37	18.22	18.12	19.6	0
20	64QAM	50	50	18.35	18.39	18.46	18.23	18.13		
20	64QAM	100	0	18.39	18.37	18.48	18.29	18.17		
20	256QAM	1	0	18.29	18.36	18.37	18.17	18.14		
20	256QAM	1	49	18.33	18.34	18.50	18.28	18.09	19	0.6
20	256QAM	1	99	18.30	18.35	18.38	18.26	18.08		
20	256QAM	50	0	18.29	18.35	18.42	18.19	18.18		
20	256QAM	50	24	18.39	18.30	18.47	18.23	18.20	19	0.6
20	256QAM	50	50	18.34	18.37	18.44	18.21	18.15		
20	256QAM	100	0	18.27	18.31	18.39	18.26	18.21		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.53	18.49	18.49	18.40	18.40	19.60	0
15	QPSK	1	37	18.23	18.30	18.42	18.26	18.18		
15	QPSK	1	74	18.21	18.19	18.41	18.31	18.07		
15	QPSK	36	0	18.32	18.24	18.51	18.22	18.20		
15	QPSK	36	20	18.27	18.35	18.50	18.25	18.16	19.6	0
15	QPSK	36	39	18.26	18.30	18.41	18.07	18.17		
15	QPSK	75	0	18.27	18.34	18.46	18.19	18.16		
15	16QAM	1	0	18.40	18.24	18.51	18.33	18.33		
15	16QAM	1	37	18.24	18.32	18.29	18.22	18.12	19.6	0
15	16QAM	1	74	18.12	18.07	18.33	18.26	18.09		
15	16QAM	36	0	18.20	18.28	18.39	18.15	18.00		
15	16QAM	36	20	18.32	18.22	18.39	18.22	18.03	19.6	0
15	16QAM	36	39	18.22	18.26	18.45	18.04	18.06		
15	16QAM	75	0	18.19	18.24	18.29	18.15	18.03		
15	64QAM	1	0	18.25	18.28	18.22	18.07	18.13		
15	64QAM	1	37	18.29	18.27	18.40	18.21	18.07	19.6	0
15	64QAM	1	74	18.11	18.33	18.32	18.00	18.00		
15	64QAM	36	0	18.30	18.35	18.39	18.12	18.07		
15	64QAM	36	20	18.23	18.37	18.33	18.15	17.98	19.6	0
15	64QAM	36	39	18.33	18.32	18.43	18.05	18.08		
15	64QAM	75	0	18.27	18.32	18.45	18.26	18.05		
15	256QAM	1	0	18.11	18.22	18.33	18.01	18.03		
15	256QAM	1	37	18.29	18.24	18.34	18.13	18.04	19	0.6
15	256QAM	1	74	18.18	18.23	18.32	18.21	17.97		
15	256QAM	36	0	18.21	18.18	18.33	18.08	18.02		
15	256QAM	36	20	18.33	18.22	18.30	18.15	18.03	19	0.6
15	256QAM	36	39	18.31	18.21	18.40	18.16	18.13		
15	256QAM	75	0	18.10	18.16	18.22	18.10	18.11		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.51	18.47	18.57	18.28	18.40	19.60	0
10	QPSK	1	25	18.31	18.40	18.56	18.36	18.26		
10	QPSK	1	49	18.16	18.17	18.50	18.22	18.08		
10	QPSK	25	0	18.26	18.30	18.58	18.22	18.13		
10	QPSK	25	12	18.34	18.20	18.46	18.25	18.10	19.6	0
10	QPSK	25	25	18.24	18.22	18.37	18.21	18.20		
10	QPSK	50	0	18.40	18.39	18.37	18.20	18.21		
10	16QAM	1	0	18.41	18.27	18.48	18.30	18.23		
10	16QAM	1	25	18.18	18.29	18.29	18.19	18.08	19.6	0
10	16QAM	1	49	18.08	18.06	18.34	18.22	18.10		
10	16QAM	25	0	18.27	18.30	18.32	18.24	18.08		
10	16QAM	25	12	18.31	18.34	18.36	18.26	18.04	19.6	0
10	16QAM	25	25	18.25	18.18	18.37	18.11	18.12		
10	16QAM	50	0	18.25	18.17	18.35	18.13	18.07		
10	64QAM	1	0	18.24	18.28	18.35	18.07	18.10		
10	64QAM	1	25	18.31	18.22	18.42	18.12	18.01	19.6	0
10	64QAM	1	49	18.11	18.29	18.25	18.00	18.04		
10	64QAM	25	0	18.29	18.26	18.28	18.04	17.92		
10	64QAM	25	12	18.17	18.30	18.27	18.09	18.06	19.6	0
10	64QAM	25	25	18.28	18.30	18.41	18.13	17.99		
10	64QAM	50	0	18.24	18.21	18.34	18.13	18.14		
10	256QAM	1	0	18.24	18.28	18.32	18.08	18.10		
10	256QAM	1	25	18.21	18.29	18.47	18.10	18.01	19	0.6
10	256QAM	1	49	18.17	18.22	18.28	18.17	18.02		
10	256QAM	25	0	18.21	18.28	18.36	18.05	18.03		
10	256QAM	25	12	18.25	18.18	18.31	18.08	18.16	19	0.6
10	256QAM	25	25	18.25	18.24	18.32	18.18	18.08		
10	256QAM	50	0	18.19	18.28	18.29	18.18	18.08		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.45	18.40	18.54	18.27	18.30	19.60	0
5	QPSK	1	12	18.28	18.36	18.46	18.33	18.21		
5	QPSK	1	24	18.22	18.24	18.41	18.21	18.06		
5	QPSK	12	0	18.24	18.34	18.46	18.09	18.09		
5	QPSK	12	7	18.31	18.25	18.53	18.23	18.18	19.6	0
5	QPSK	12	13	18.22	18.21	18.41	18.09	18.10		
5	QPSK	25	0	18.30	18.42	18.43	18.25	18.07		
5	16QAM	1	0	18.31	18.32	18.50	18.31	18.28		
5	16QAM	1	12	18.18	18.27	18.38	18.21	18.15	19.6	0
5	16QAM	1	24	18.13	18.05	18.30	18.14	18.05		
5	16QAM	12	0	18.26	18.18	18.39	18.14	18.04		
5	16QAM	12	7	18.28	18.32	18.33	18.18	18.10	19.6	0
5	16QAM	12	13	18.22	18.29	18.35	18.14	18.11		
5	16QAM	25	0	18.20	18.23	18.25	18.20	17.99		
5	64QAM	1	0	18.15	18.30	18.35	18.13	18.16		
5	64QAM	1	12	18.34	18.29	18.34	18.09	18.04	19.6	0
5	64QAM	1	24	18.10	18.22	18.22	18.00	18.04		
5	64QAM	12	0	18.33	18.31	18.40	18.07	18.06		
5	64QAM	12	7	18.17	18.22	18.30	18.10	17.94	19.6	0
5	64QAM	12	13	18.21	18.29	18.36	18.12	17.98		
5	64QAM	25	0	18.31	18.22	18.36	18.17	18.14		
5	256QAM	1	0	18.14	18.25	18.20	18.10	18.05		
5	256QAM	1	12	18.23	18.26	18.42	18.16	17.94	19	0.6
5	256QAM	1	24	18.23	18.26	18.26	18.08	18.03		
5	256QAM	12	0	18.22	18.29	18.28	18.04	18.03		
5	256QAM	12	7	18.27	18.25	18.44	18.13	18.07	19	0.6
5	256QAM	12	13	18.17	18.21	18.42	18.08	18.02		
5	256QAM	25	0	18.23	18.19	18.22	18.18	18.15		

Band 41 HPUE Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.20	20.19	20.25	20.22	20.15	21.2	0
20	QPSK	1	49	20.12	20.07	20.11	20.18	20.00		
20	QPSK	1	99	20.05	20.15	20.09	20.11	20.06		
20	QPSK	50	0	20.18	20.18	20.22	20.21	20.09		
20	QPSK	50	24	20.04	19.97	20.03	20.07	19.97		
20	QPSK	50	50	20.00	20.10	20.04	20.02	19.91		
20	QPSK	100	0	20.06	20.09	20.19	20.16	20.01		
20	16QAM	1	0	20.08	20.09	20.08	20.15	20.01		
20	16QAM	1	49	19.93	19.88	19.99	20.03	19.80	21.2	0
20	16QAM	1	99	19.86	19.94	19.90	19.98	19.92		
20	16QAM	50	0	20.02	20.00	20.04	20.11	19.90		
20	16QAM	50	24	19.84	19.75	19.95	19.90	19.78	21.2	0
20	16QAM	50	50	19.91	20.00	19.95	19.83	19.79		
20	16QAM	100	0	19.98	19.92	20.07	20.08	19.88		
20	64QAM	1	0	20.08	20.11	20.12	20.09	19.97		
20	64QAM	1	49	19.95	19.90	20.01	20.10	19.90	21.2	0
20	64QAM	1	99	19.89	20.07	19.92	19.91	19.87		
20	64QAM	50	0	20.02	20.11	20.04	20.05	19.95		
20	64QAM	50	24	19.96	19.76	19.80	19.93	19.79	21.2	0
20	64QAM	50	50	19.91	19.97	19.85	19.93	19.80		
20	64QAM	100	0	19.89	19.97	20.07	20.00	19.86		
20	256QAM	1	0	20.12	20.05	20.13	20.04	20.07		
20	256QAM	1	49	20.01	19.91	19.89	20.00	19.81	21.2	0
20	256QAM	1	99	19.88	20.04	19.91	19.93	19.90		
20	256QAM	50	0	20.03	20.07	20.08	20.08	19.90		
20	256QAM	50	24	19.87	19.82	19.95	19.93	19.78	21.2	0
20	256QAM	50	50	19.90	20.02	19.93	19.83	19.79		
20	256QAM	100	0	19.84	20.02	20.03	19.98	19.92		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.13	19.99	20.11	20.04	19.98	21	0
15	QPSK	1	37	19.89	19.93	20.01	20.09	19.84		
15	QPSK	1	74	19.87	19.99	19.98	20.04	19.96		
15	QPSK	36	0	19.96	20.08	20.01	19.99	19.91	21.2	0
15	QPSK	36	20	19.93	19.87	19.81	19.98	19.88		
15	QPSK	36	39	19.81	19.97	19.88	19.84	19.76		
15	QPSK	75	0	19.85	19.86	19.99	19.97	19.94		
15	16QAM	1	0	20.00	20.02	19.86	20.05	19.82		
15	16QAM	1	37	19.81	19.86	19.83	19.81	19.58	21.2	0
15	16QAM	1	74	19.74	19.84	19.68	19.77	19.77		
15	16QAM	36	0	19.79	19.78	19.92	19.94	19.72		
15	16QAM	36	20	19.69	19.65	19.73	19.70	19.61	21.2	0
15	16QAM	36	39	19.79	19.87	19.86	19.74	19.62		
15	16QAM	75	0	19.75	19.84	19.97	19.91	19.66		
15	64QAM	1	0	19.93	19.97	19.95	19.94	19.87		
15	64QAM	1	37	19.72	19.89	19.90	19.88	19.70	21.2	0
15	64QAM	1	74	19.69	19.87	19.76	19.70	19.73		
15	64QAM	36	0	19.82	19.89	19.87	19.92	19.77		
15	64QAM	36	20	19.80	19.63	19.67	19.79	19.61	21.2	0
15	64QAM	36	39	19.76	19.75	19.63	19.76	19.61		
15	64QAM	75	0	19.81	19.74	19.84	19.81	19.75		
15	256QAM	1	0	19.91	19.96	20.01	19.83	19.97		
15	256QAM	1	37	19.86	19.80	19.82	19.81	19.67	21.2	0
15	256QAM	1	74	19.66	19.82	19.73	19.72	19.72		
15	256QAM	36	0	19.83	19.95	19.96	19.86	19.74		
15	256QAM	36	20	19.66	19.70	19.75	19.70	19.58	21.2	0
15	256QAM	36	39	19.69	19.82	19.84	19.65	19.70		
15	256QAM	75	0	19.67	19.91	19.87	19.76	19.70		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.98	19.99	20.03	20.10	19.97	21	0
10	QPSK	1	25	20.05	19.88	19.93	19.99	19.91		
10	QPSK	1	49	19.93	20.01	19.97	19.97	19.89		
10	QPSK	25	0	20.07	20.05	20.03	19.98	19.90	21.2	0
10	QPSK	25	12	19.83	19.84	19.90	19.92	19.76		
10	QPSK	25	25	19.91	19.93	19.82	19.79	19.76		
10	QPSK	50	0	19.99	19.98	19.97	20.05	19.79		
10	16QAM	1	0	19.86	19.89	19.88	19.98	19.84		
10	16QAM	1	25	19.75	19.75	19.84	19.92	19.65	21.2	0
10	16QAM	1	49	19.67	19.77	19.77	19.81	19.75		
10	16QAM	25	0	19.95	19.87	19.86	19.99	19.83		
10	16QAM	25	12	19.68	19.53	19.75	19.73	19.60	21.2	0
10	16QAM	25	25	19.78	19.88	19.87	19.62	19.66		
10	16QAM	50	0	19.80	19.73	19.93	19.93	19.73		
10	64QAM	1	0	19.90	19.91	19.92	19.96	19.79		
10	64QAM	1

Band 42 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.70	16.67	16.76	17.8	0
20	QPSK	1	49	16.81	16.71	16.71		
20	QPSK	1	99	16.65	16.69	16.77		
20	QPSK	50	0	16.47	16.73	16.60		
20	QPSK	50	24	16.54	16.52	16.63	17.8	0
20	QPSK	50	50	16.51	16.61	16.58		
20	QPSK	100	0	16.58	16.71	16.65		
20	16QAM	1	0	16.77	16.61	16.71		
20	16QAM	1	49	16.42	16.54	16.55	17.8	0
20	16QAM	1	99	16.57	16.85	16.71		
20	16QAM	50	0	16.64	16.63	16.64		
20	16QAM	50	24	16.57	16.46	16.52	17.8	0
20	16QAM	50	50	16.55	16.73	16.76		
20	16QAM	100	0	16.73	16.61	16.81		
20	64QAM	1	0	16.53	16.53	16.63		
20	64QAM	1	49	16.61	16.71	16.69	17.8	0
20	64QAM	1	99	16.53	16.66	16.59		
20	64QAM	50	0	16.45	16.58	16.63		
20	64QAM	50	24	16.53	16.74	16.58	17.8	0
20	64QAM	50	50	16.72	16.66	16.73		
20	64QAM	100	0	16.48	16.58	16.59		
20	256QAM	1	0	16.58	16.69	16.65		
20	256QAM	1	49	16.61	16.60	16.78	17.8	0
20	256QAM	1	99	16.48	16.73	16.55		
20	256QAM	50	0	16.65	16.73	16.75		
20	256QAM	50	24	16.47	16.83	16.70	17.8	0
20	256QAM	50	50	16.62	16.53	16.58		
20	256QAM	100	0	16.50	16.57	16.57		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	16.61	16.81	16.66	17.8	0
15	QPSK	1	37	16.63	16.56	16.63		
15	QPSK	1	74	16.59	16.58	16.71		
15	QPSK	36	0	16.39	16.64	16.57		
15	QPSK	36	20	16.44	16.39	16.45	17.8	0
15	QPSK	36	39	16.43	16.50	16.53		
15	QPSK	75	0	16.49	16.56	16.47		
15	16QAM	1	0	16.61	16.44	16.66		
15	16QAM	1	37	16.38	16.48	16.44	17.8	0
15	16QAM	1	74	16.42	16.71	16.58		
15	16QAM	36	0	16.48	16.61	16.53		
15	16QAM	36	20	16.48	16.35	16.49	17.8	0
15	16QAM	36	39	16.47	16.66	16.70		
15	16QAM	75	0	16.60	16.52	16.73		
15	64QAM	1	0	16.47	16.36	16.52		
15	64QAM	1	37	16.50	16.58	16.52	17.8	0
15	64QAM	1	74	16.39	16.54	16.47		
15	64QAM	36	0	16.30	16.42	16.59		
15	64QAM	36	20	16.41	16.68	16.41	17.8	0
15	64QAM	36	39	16.55	16.54	16.59		
15	64QAM	75	0	16.31	16.56	16.57		
15	256QAM	1	0	16.43	16.54	16.51		
15	256QAM	1	37	16.55	16.56	16.65	17.8	0
15	256QAM	1	74	16.44	16.70	16.39		
15	256QAM	36	0	16.57	16.55	16.61		
15	256QAM	36	20	16.40	16.70	16.60	17.8	0
15	256QAM	36	39	16.57	16.46	16.49		
15	256QAM	75	0	16.35	16.43	16.42		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.58	16.71	16.60	17.8	0
10	QPSK	1	25	16.69	16.53	16.67		
10	QPSK	1	49	16.62	16.61	16.61		
10	QPSK	25	0	16.37	16.71	16.47		
10	QPSK	25	12	16.44	16.43	16.57	17.8	0
10	QPSK	25	25	16.40	16.46	16.52		
10	QPSK	50	0	16.48	16.57	16.50		
10	16QAM	1	0	16.61	16.58	16.59		
10	16QAM	1	25	16.33	16.45	16.51	17.8	0
10	16QAM	1	49	16.51	16.77	16.62		
10	16QAM	25	0	16.48	16.57	16.52		
10	16QAM	25	12	16.48	16.41	16.36	17.8	0
10	16QAM	25	25	16.49	16.62	16.72		
10	16QAM	50	0	16.58	16.46	16.64		
10	64QAM	1	0	16.40	16.48	16.53		
10	64QAM	1	25	16.47	16.66	16.52	17.8	0
10	64QAM	1	49	16.35	16.59	16.56		
10	64QAM	25	0	16.28	16.49	16.51		
10	64QAM	25	12	16.47	16.67	16.54	17.8	0
10	64QAM	25	25	16.57	16.56	16.62		
10	64QAM	50	0	16.33	16.55	16.46		
10	256QAM	1	0	16.42	16.63	16.57		
10	256QAM	1	25	16.50	16.56	16.73	17.8	0
10	256QAM	1	49	16.40	16.56	16.50		
10	256QAM	25	0	16.52	16.62	16.64		
10	256QAM	25	12	16.30	16.68	16.52	17.8	0
10	256QAM	25	25	16.50	16.48	16.46		
10	256QAM	50	0	16.38	16.52	16.47		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.65	16.81	16.61	17.8	0
5	QPSK	1	12	16.63	16.56	16.59		
5	QPSK	1	24	16.50	16.61	16.60		
5	QPSK	12	0	16.54	16.68	16.47		
5	QPSK	12	7	16.50	16.47	16.49	17.8	0
5	QPSK	12	13	16.45	16.57	16.48		
5	QPSK	25	0	16.56	16.63	16.58		
5	16QAM	1	0	16.67	16.55	16.59		
5	16QAM	1	12	16.34	16.44	16.46	17.8	0
5	16QAM	1	24	16.46	16.71	16.60		
5	16QAM	12	0	16.55	16.53	16.47		
5	16QAM	12	7	16.41	16.39	16.46	17.8	0
5	16QAM	12	13	16.50	16.65	16.64		
5	16QAM	25	0	16.64	16.47	16.66		
5	64QAM	1	0	16.36	16.41	16.49		
5	64QAM	1	12	16.57	16.69	16.58	17.8	0
5	64QAM	1	24	16.43	16.51	16.56		
5	64QAM	12	0	16.42	16.55	16.54		
5	64QAM	12	7	16.57	16.59	16.51	17.8	0
5	64QAM	12	13	16.61	16.54	16.59		
5	64QAM	25	0	16.41	16.44	16.47		
5	256QAM	1	0	16.52	16.67	16.49		
5	256QAM	1	12	16.51	16.49	16.63	17.8	0
5	256QAM	1	24	16.42	16.69	16.52		
5	256QAM	12	0	16.62	16.66	16.65		
5	256QAM	12	7	16.34	16.78	16.57	17.8	0
5	256QAM	12	13	16.58	16.43	16.45		
5	256QAM	25	0	16.38	16.48	16.43		

Band 42 Part 96 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	16.58	16.81	16.75	17.8	0
20	QPSK	1	49	16.64	16.56	16.58		
20	QPSK	1	99	16.62	16.65	16.67		
20	QPSK	50	0	16.37	16.69	16.46		
20	QPSK	50	24	16.39	16.38	16.50	17.8	0
20	QPSK	50	50	16.41	16.53	16.52		
20	QPSK	100	0	16.41	16.66	16.56		
20	16QAM	1	0	16.74	16.46	16.62		
20	16QAM	1	49	16.36	16.45	16.40	17.8	0
20	16QAM	1	99	16.53	16.71	16.55		
20	16QAM	50	0	16.52	16.49	16.60		
20	16QAM	50	24	16.46	16.35	16.48	17.8	0
20	16QAM	50	50	16.39	16.58	16.63		
20	16QAM	100	0	16.71	16.59	16.65		
20	64QAM	1	0	16.45	16.44	16.49		
20	64QAM	1	49	16.58	16.64	16.64	17.8	0
20	64QAM	1	99	16.50	16.56	16.43		
20	64QAM	50	0	16.28	16.51	16.52		
20	64QAM	50	24	16.49	16.57	16.55	17.8	0
20	64QAM	50	50	16.66	16.63	16.64		
20	64QAM	100	0	16.47	16.44	16.55		
20	256QAM	1	0	16.48	16.60	16.52		
20	256QAM	1	49	16.44	16.49	16.65	17.8	0
20	256QAM	1	99	16.44	16.63	16.51		
20	256QAM	50	0	16.63	16.59	16.65		
20	256QAM	50	24	16.45	16.75	16.66	17.8	0
20	256QAM	50	50	16.48	16.42	16.50		
20	256QAM	100	0	16.46	16.54	16.44		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	16.55	16.71	16.65	17.8	0
15	QPSK	1	37	16.53	16.44	16.49		
15	QPSK	1	74	16.47	16.56	16.57		
15	QPSK	36	0	16.31	16.56	16.43		
15	QPSK	36	20	16.31	16.23	16.49	17.8	0
15	QPSK	36	39	16.37	16.49	16.43		
15	QPSK	75	0	16.32	16.63	16.55		
15	16QAM	1	0	16.66	16.45	16.46		
15	16QAM	1	37	16.33	16.32	16.29	17.8	0
15	16QAM	1	74	16.47	16.69	16.53		
15	16QAM	36	0	16.41	16.42	16.58		
15	16QAM	36	20	16.42	16.27	16.34	17.8	0
15	16QAM	36	39	16.32	16.49	16.55		
15	16QAM	75	0	16.61	16.48	16.57		
15	64QAM	1	0	16.40	16.28	16.41		
15	64QAM	1	37	16.55	16.60	16.56	17.8	0
15	64QAM	1	74	16.42	16.46	16.27		
15	64QAM	36	0	16.15	16.36	16.44		
15	64QAM	36	20	16.41	16.55	16.44	17.8	0
15	64QAM	36	39	16.62	16.47	16.50		
15	64QAM	75	0	16.44	16.31	16.51		
15	256QAM	1	0	16.33	16.43	16.36		
15	256QAM	1	37	16.28	16.37	16.49	17.8	0
15	256QAM	1	74	16.29	16.57	16.47		
15	256QAM	36	0	16.59	16.55	16.63		
15	256QAM	36	20	16.36	16.68	16.54	17.8	0
15	256QAM	36	39	16.35	16.30	16.40		
15	256QAM	75	0	16.40	16.43	16.35		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	16.45	16.72	16.64	17.8	0
10	QPSK	1	25	16.49	16.46	16.48		
10	QPSK	1	49	16.54	16.59	16.53		
10	QPSK	25	0	16.28	16.62	16.37		
10	QPSK	25	12	16.26	16.36	16.46	17.8	0
10	QPSK	25	25	16.29	16.37	16.40		
10	QPSK	50	0	16.31	16.53	16.49		
10	16QAM	1	0	16.69	16.33	16.50		
10	16QAM	1	25	16.27	16.33	16.37	17.8	0
10	16QAM	1	49	16.48	16.54	16.53		
10	16QAM	25	0	16.48	16.37	16.55		
10	16QAM	25	12	16.38	16.28	16.38	17.8	0
10	16QAM	25	25	16.38	16.45	16.55		
10	16QAM	50	0	16.68	16.54	16.57		
10	64QAM	1	0	16.39	16.38	16.34		
10	64QAM	1	25	16.42	16.51	16.62	17.8	0
10	64QAM	1	49	16.42	16.48	16.37		
10	64QAM	25	0	16.19	16.49	16.36		
10	64QAM	25	12	16.46	16.53	16.50	17.8	0
10	64QAM	25	25	16.63	16.56	16.55		
10	64QAM	50	0	16.32	16.41	16.48		
10	256QAM	1	0	16.33	16.44	16.35		
10	256QAM	1	25	16.37	16.48	16.53	17.8	0
10	256QAM	1	49	16.37	16.59	16.42		
10	256QAM	25	0	16.59	16.57	16.49		
10	256QAM	25	12	16.36	16.62	16.64	17.8	0
10	256QAM	25	25	16.44	16.28	16.48		
10	256QAM	50	0	16.36	16.41	16.39		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	16.48	16.75	16.69	17.8	0
5	QPSK	1	12	16.51	16.51	16.42		
5	QPSK	1	24	16.51	16.64	16.62		
5	QPSK	12	0	16.21	16.59	16.37		
5	QPSK	12	7	16.37	16.26	16.52	17.8	0
5	QPSK	12	13	16.35	16.42	16.49		
5	QPSK	25	0	16.34	16.57	16.53		
5	16QAM	1	0	16.57	16.41	16.46		
5	16QAM	1	12	16.20	16.34	16.27	17.8	0
5	16QAM	1	24	16.42	16.59	16.48		
5	16QAM	12	0	16.47	16.44	16.46		
5	16QAM	12	7	16.40	16.29	16.33	17.8	0
5	16QAM	12	13	16.27	16.56	16.48		
5	16QAM	25	0	16.60	16.58	16.55		
5	64QAM	1	0	16.35	16.34	16.44		
5	64QAM	1	12	16.46	16.56	16.49	17.8	0
5	64QAM	1	24	16.45	16.45	16.41		
5	64QAM	12	0	16.15	16.40	16.35		
5	64QAM	12	7	16.41	16.54	16.43	17.8	0
5	64QAM	12	13	16.56	16.60	16.51		
5	64QAM	25	0	16.33	16.38	16.44		
5	256QAM	1	0	16.40	16.44	16.43		
5	256QAM	1	12	16.29	16.34	16.51	17.8	0
5	256QAM	1	24	16.37	16.57	16.43		
5	256QAM	12	0	16.47	16.55	16.49		
5	256QAM	12	7	16.39	16.68	16.54	17.8	0
5	256QAM	12	13	16.39	16.41	16.36		
5	256QAM	25	0	16.31	16.50	16.37		

Band 43 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3618	3650	3682		
20	QPSK	1	0	16.28	16.45	16.41	17.8	0
20	QPSK	1	49	16.35	16.26	16.18		
20	QPSK	1	99	16.14	16.34	16.17		
20	QPSK	50	0	16.37	16.43	16.26		
20	QPSK	50	24	16.13	16.17	16.23	17.8	0
20	QPSK	50	50	16.16	16.26	16.16		
20	QPSK	100	0	16.23	16.26	16.09		
20	16QAM	1	0	16.03	16.29	16.19		
20	16QAM	1	49	16.22	16.17	15.98	17.8	0
20	16QAM	1	99	16.25	16.20	15.86		
20	16QAM	50	0	16.10	16.20	16.14		
20	16QAM	50	24	16.03	16.27	16.07	17.8	0
20	16QAM	50	50	16.10	16.31	15.90		
20	16QAM	100	0	16.04	16.22	16.07		
20	64QAM	1	0	16.17	16.34	16.37		
20	64QAM	1	49	16.17	16.21	16.11	17.8	0
20	64QAM	1	99	16.06	16.26	15.92		
20	64QAM	50	0	16.18	16.28	16.17		
20	64QAM	50	24	16.07	16.19	15.98	17.8	0
20	64QAM	50	50	15.88	16.33	16.13		
20	64QAM	100	0	15.96	16.00	16.14		
20	256QAM	1	0	16.11	16.31	16.32		
20	256QAM	1	49	16.13	16.14	16.03	17.8	0
20	256QAM	1	99	16.01	16.17	16.07		
20	256QAM	50	0	16.21	16.26	16.17		
20	256QAM	50	24	16.03	16.40	16.05	17.8	0
20	256QAM	50	50	16.05	16.17	15.94		
20	256QAM	100	0	16.09	16.12	16.18		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	16.24	16.43	16.33	17.8	0
15	QPSK	1	37	16.29	16.12	16.10		
15	QPSK	1	74	16.11	16.31	16.10		
15	QPSK	36	0	16.27	16.40	16.22		
15	QPSK	36	20	16.04	16.01	16.15	17.8	0
15	QPSK	36	39	16.11	16.24	16.12		
15	QPSK	75	0	16.16	16.19	16.02		
15	16QAM	1	0	16.00	16.16	16.11		
15	16QAM	1	37	16.11	16.00	15.89	17.8	0
15	16QAM	1	74	16.32	16.12	16.01		
15	16QAM	36	0	16.02	16.30	16.12		
15	16QAM	36	20	16.30	16.39	16.16	17.8	0
15	16QAM	36	39	16.20	16.09	16.11		
15	16QAM	75	0	16.08	16.25	16.04		
15	64QAM	1	0	16.30	16.40	16.09		
15	64QAM	1	37	16.18	16.16	16.13	17.8	0
15	64QAM	1	74	16.05	16.26	16.02		
15	64QAM	36	0	16.31	16.36	16.16		
15	64QAM	36	20	16.27	16.14	16.07	17.8	0
15	64QAM	36	39	16.03	16.30	16.09		
15	64QAM	75	0	16.27	16.40	16.24		
15	256QAM	1	0	16.04	16.13	16.29		
15	256QAM	1	37	15.99	15.99	15.90	17.8	0
15	256QAM	1	74	15.84	16.02	15.92		
15	256QAM	36	0	16.04	16.13	16.10		
15	256QAM	36	20	16.00	16.23	16.01	17.8	0
15	256QAM	36	39	15.96	16.05	15.80		
15	256QAM	75	0	15.99	15.94	16.01		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	16.23	16.36	16.33	17.8	0
10	QPSK	1	25	16.33	16.13	16.09		
10	QPSK	1	49	16.05	16.26	16.11		
10	QPSK	25	0	16.20	16.38	16.23		
10	QPSK	25	12	16.06	16.05	16.06	17.8	0
10	QPSK	25	25	16.09	16.18	15.99		
10	QPSK	50	0	16.21	16.15	16.04		
10	16QAM	1	0	16.18	16.15	16.12		
10	16QAM	1	25	16.06	16.24	16.06	17.8	0
10	16QAM	1	49	16.31	16.26	16.16		
10	16QAM	25	0	16.03	16.14	16.06		
10	16QAM	25	12	15.98	16.17	15.90	17.8	0
10	16QAM	25	25	16.05	16.14	15.85		
10	16QAM	50	0	16.02	16.11	15.95		
10	64QAM	1	0	16.12	16.24	16.25		
10	64QAM	1	25	16.11	16.17	15.95	17.8	0
10	64QAM	1	49	15.91	16.19	15.88		
10	64QAM	25	0	16.10	16.12	16.09		
10	64QAM	25	12	15.90	16.06	15.96	17.8	0
10	64QAM	25	25	15.85	16.25	15.97		
10	64QAM	50	0	15.82	15.86	15.99		
10	256QAM	1	0	16.08	16.27	16.19		
10	256QAM	1	25	16.07	15.99	15.88	17.8	0
10	256QAM	1	49	15.94	16.14	16.04		
10	256QAM	25	0	16.11	16.23	16.08		
10	256QAM	25	12	15.94	16.26	15.87	17.8	0
10	256QAM	25	25	15.88	16.07	15.89		
10	256QAM	50	0	16.05	16.05	16.06		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	16.13	16.42	16.34	17.8	0
5	QPSK	1	12	16.28	16.09	16.15		
5	QPSK	1	24	16.01	16.18	16.05		
5	QPSK	12	0	16.29	16.33	16.11		
5	QPSK	12	7	16.02	16.05	16.06	17.8	0
5	QPSK	12	13	16.11	16.16	16.04		
5	QPSK	25	0	16.20	16.16	15.93		
5	16QAM	1	0	15.99	16.20	16.08		
5	16QAM	1	12	16.16	16.06	15.96	17.8	0
5	16QAM	1	24	16.18	16.09	15.81		
5	16QAM	12	0	15.92	16.17	16.04		
5	16QAM	12	7	16.01	16.11	15.97	17.8	0
5	16QAM	12	13	16.01	16.16	15.80		
5	16QAM	25	0	15.87	16.10	15.92		
5	64QAM	1	0	16.13	16.23	16.25		
5	64QAM	1	12	16.04	16.10	15.93	17.8	0
5	64QAM	1	24	15.89	16.15	15.87		
5	64QAM	12	0	16.16	16.12	16.06		
5	64QAM	12	7	15.96	16.08	15.96	17.8	0
5	64QAM	12	13	15.83	16.26	16.08		
5	64QAM	25	0	15.83	15.91	16.02		
5	256QAM	1	0	15.97	16.17	16.29		
5	256QAM	1	12	16.05	16.02	15.95	17.8	0
5	256QAM	1	24	15.98	16.04	15.94		
5	256QAM	12	0	16.13	16.09	16.06		
5	256QAM	12	7	15.89	16.30	15.88	17.8	0
5	256QAM	12	13	15.92	16.14	15.88		
5	256QAM	25	0	16.03	15.96	16.10		

Band 48 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Midde Ch. / Freq.	Power High Midde Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.40	16.51	16.50	16.21	17.8	0
20	QPSK	1	49	16.39	16.38	16.24	16.24		
20	QPSK	1	99	16.21	16.47	16.21	16.15		
20	QPSK	50	0	16.43	16.40	16.40	16.19	17.8	0
20	QPSK	50	24	16.23	16.34	16.37	16.29		
20	QPSK	50	50	16.19	16.38	16.33	16.25		
20	QPSK	100	0	16.32	16.42	16.25	16.34		
20	16QAM	1	0	16.17	16.41	16.34	16.13	17.8	0
20	16QAM	1	49	16.39	16.30	16.10	16.30		
20	16QAM	1	99	16.30	16.35	16.04	16.07		
20	16QAM	50	0	16.21	16.38	16.32	16.08	17.8	0
20	16QAM	50	24	16.13	16.37	16.18	16.13		
20	16QAM	50	50	16.13	16.35	16.07	16.08		
20	16QAM	100	0	16.09	16.37	16.23	16.14		
20	64QAM	1	0	16.24	16.40	16.42	16.13	17.8	0
20	64QAM	1	49	16.24	16.31	16.17	16.15		
20	64QAM	1	99	16.22	16.35	16.09	16.05		
20	64QAM	50	0	16.21	16.36	16.30	16.08	17.8	0
20	64QAM	50	24	16.20	16.36	16.11	16.11		
20	64QAM	50	50	16.01	16.40	16.17	16.09		
20	64QAM	100	0	16.13	16.16	16.24	16.25		
20	256QAM	1	0	16.28	16.40	16.41	16.27	17.8	0
20	256QAM	1	49	16.20	16.28	16.20	16.17		
20	256QAM	1	99	16.17	16.33	16.09	15.96		
20	256QAM	50	0	16.35	16.34	16.33	16.06	17.8	0
20	256QAM	50	24	16.06	16.48	16.12	16.21		
20	256QAM	50	50	16.11	16.32	16.12	16.08		
20	256QAM	100	0	16.15	16.16	16.25	16.17		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.29	16.39	16.39	16.09	17.8	0
15	QPSK	1	37	16.28	16.32	16.10	16.20		
15	QPSK	1	74	16.18	16.42	16.16	16.06		
15	QPSK	36	0	16.41	16.28	16.37	16.07	17.8	0
15	QPSK	36	20	16.16	16.19	16.22	16.18		
15	QPSK	36	39	16.10	16.34	16.19	16.07		
15	QPSK	75	0	16.24	16.33	16.11	16.30		
15	16QAM	1	0	16.06	16.35	16.32	16.08	17.8	0
15	16QAM	1	37	16.24	16.28	15.95	16.13		
15	16QAM	1	74	16.22	16.20	15.94	15.95		
15	16QAM	36	0	16.03	16.33	16.24	16.04	17.8	0
15	16QAM	36	20	16.09	16.29	16.08	16.00		
15	16QAM	36	39	16.10	16.31	16.02	16.01		
15	16QAM	75	0	15.96	16.20	16.06	15.99		
15	64QAM	1	0	16.13	16.26	16.32	16.00	17.8	0
15	64QAM	1	37	16.11	16.18	16.12	15.99		
15	64QAM	1	74	16.15	16.30	15.95	16.00		
15	64QAM	36	0	16.11	16.30	16.27	15.93	17.8	0
15	64QAM	36	20	16.12	16.24	16.02	16.00		
15	64QAM	36	39	15.84	16.26	16.10	16.00		
15	64QAM	75	0	16.09	16.05	16.17	16.19		
15	256QAM	1	0	16.24	16.23	16.39	16.12	17.8	0
15	256QAM	1	37	16.03	16.23	16.15	16.11		
15	256QAM	1	74	16.05	16.18	15.94	15.85		
15	256QAM	36	0	16.24	16.18	16.29	15.88	17.8	0
15	256QAM	36	20	16.02	16.42	16.04	16.17		
15	256QAM	36	39	15.98	16.29	16.04	16.03		
15	256QAM	75	0	16.05	16.14	16.15	16.10		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.34	16.41	16.42	16.11	17.8	0
10	QPSK	1	25	16.25	16.26	16.18	16.08		
10	QPSK	1	49	16.12	16.43	16.13	16.12		
10	QPSK	25	0	16.30	16.39	16.33	16.13	17.8	0
10	QPSK	25	12	16.13	16.24	16.34	16.14		
10	QPSK	25	25	16.13	16.30	16.31	16.08		
10	QPSK	50	0	16.25	16.27	16.18	16.30		
10	16QAM	1	0	16.02	16.39	16.19	16.00	17.8	0
10	16QAM	1	25	16.36	16.13	15.96	16.21		
10	16QAM	1	49	16.21	16.32	15.92	16.05		
10	16QAM	25	0	16.17	16.22	16.22	16.04	17.8	0
10	16QAM	25	12	15.98	16.31	16.03	15.95		
10	16QAM	25	25	16.01	16.18	15.95	15.97		
10	16QAM	50	0	16.05	16.27	16.17	16.12		
10	64QAM	1	0	16.08	16.29	16.25	15.96	17.8	0
10	64QAM	1	25	16.15	16.29	16.09	16.03		
10	64QAM	1	49	16.20	16.29	16.03	15.94		
10	64QAM	25	0	16.04	16.18	16.13	15.91	17.8	0
10	64QAM	25	12	16.17	16.27	15.95	16.04		
10	64QAM	25	25	15.88	16.37	16.02	15.95		
10	64QAM	50	0	16.01	16.11	16.08	16.22		
10	256QAM	1	0	16.20	16.26	16.37	16.16	17.8	0
10	256QAM	1	25	16.09	16.23	16.15	16.11		
10	256QAM	1	49	16.04	16.29	15.99	15.88		
10	256QAM	25	0	16.31	16.22	16.23	16.00	17.8	0
10	256QAM	25	12	15.96	16.37	16.07	16.17		
10	256QAM	25	25	15.96	16.27	15.97	16.05		
10	256QAM	50	0	16.09	16.01	16.12	16.10		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3553.5	3607	3643	3697.5		
5	QPSK	1	0	16.25	16.44	16.37	16.17	17.8	0
5	QPSK	1	12	16.31	16.35	16.17	16.16		
5	QPSK	1	24	16.10	16.33	16.16	16.09		
5	QPSK	12	0	16.29	16.39	16.24	16.03	17.8	0
5	QPSK	12	7	16.06	16.24	16.22	16.17		
5	QPSK	12	13	16.14	16.32	16.30	16.21		
5	QPSK	25	0	16.17	16.28	16.11	16.20	17.8	0
5	16QAM	1	0	16.07	16.32	16.29	16.08		
5	16QAM	1	12	16.22	16.19	15.93	16.24		
5	16QAM	1	24	16.24	16.22	15.87	16.01	17.8	0
5	16QAM	12	0	16.10	16.29	16.15	15.93		
5	16QAM	12	7	16.00	16.23	16.13	16.01		
5	16QAM	12	13	16.08	16.31	15.90	16.00		
5	16QAM	25	0	16.06	16.22	16.07	16.11	17.8	0
5	64QAM	1	0	16.15	16.31	16.24	15.97		
5	64QAM	1	12	16.21	16.23	16.15	16.06		
5	64QAM	1	24	16.11	16.20	15.99	15.87		
5	64QAM	12	0	16.13	16.25	16.16	15.92	17.8	0
5	64QAM	12	7	16.15	16.19	16.00	15.95		
5	64QAM	12	13	15.96	16.35	16.09	15.93		
5	64QAM	25	0	15.95	16.11	16.07	16.21		
5	256QAM	1	0	16.23	16.32	16.32	16.21	17.8	0
5	256QAM	1	12	16.06	16.20	16.05	15.99		
5	256QAM	1	24	16.00	16.27	16.04	15.87		
5	256QAM	12	0	16.26	16.27	16.19	15.93	17.8	0
5	256QAM	12	7	15.89	16.45	16.09	16.13		
5	256QAM	12	13	16.09	16.14	16.06	15.93		
5	256QAM	25	0	16.05	16.05	16.23	16.05		

Reduced Power Mode for DSI3 Standalone

GSM850 ANT0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.20	33.32	33.28	33.50	24.20	24.32	24.28	24.50
GPRS 1 Tx slot	33.25	33.39	33.31	33.50	24.25	24.39	24.31	24.50
GPRS 2 Tx slots	30.42	30.54	30.50	31.00	24.42	24.54	24.50	25.00
GPRS 3 Tx slots	28.88	28.92	28.84	29.50	24.62	24.66	24.58	25.24
GPRS 4 Tx slots	27.25	27.38	27.30	28.00	24.25	24.38	24.30	25.00
EDGE 1 Tx slot	26.18	26.24	26.10	27.00	17.18	17.24	17.10	18.00
EDGE 2 Tx slots	24.41	24.49	24.45	25.00	18.41	18.49	18.45	19.00
EDGE 3 Tx slots	23.12	23.25	23.10	24.00	18.86	18.99	18.84	19.74
EDGE 4 Tx slots	21.20	21.27	21.18	22.00	18.20	18.27	18.18	19.00

GSM1900 ANT0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.65	28.68	28.60	29.00	19.65	19.68	19.60	20.00
GPRS 1 Tx slot	28.69	28.74	28.63	29.00	19.69	19.74	19.63	20.00
GPRS 2 Tx slots	25.35	25.39	25.31	26.00	19.35	19.39	19.31	20.00
GPRS 3 Tx slots	22.96	23.07	22.96	24.50	18.70	18.81	18.70	20.24
GPRS 4 Tx slots	21.28	21.38	21.27	22.50	18.28	18.38	18.27	19.50
EDGE 1 Tx slot	23.50	23.57	23.43	24.50	14.50	14.57	14.43	15.50
EDGE 2 Tx slots	21.83	21.87	21.80	23.00	15.83	15.87	15.80	17.00
EDGE 3 Tx slots	20.69	20.74	20.61	22.00	16.43	16.48	16.35	17.74
EDGE 4 Tx slots	18.46	18.57	18.52	20.00	15.46	15.57	15.52	17.00

Band		WCDMA IV ANT0			Tune-up Limit (dBm)	WCDMA V ANT0			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		4132	4182	4233	
Rx Channel		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1712.4	1732.8	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.12	21.33	21.20	22.70	23.65	23.72	23.63	24.00
3GPP Rel 99	RMC 12.2Kbps	21.28	21.37	21.30	22.70	23.71	23.78	23.66	24.00
3GPP Rel 6	HSDPA Subtest-1	20.58	20.54	20.42	21.70	22.89	22.84	22.83	23.00
3GPP Rel 6	HSDPA Subtest-2	20.40	20.43	20.35	21.70	22.77	22.91	22.84	23.00
3GPP Rel 6	HSDPA Subtest-3	19.95	19.93	19.83	21.20	22.30	22.43	22.33	22.50
3GPP Rel 6	HSDPA Subtest-4	19.88	20.01	19.90	21.20	22.24	22.41	22.37	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.38	20.58	20.21	21.70	22.89	22.73	22.75	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.31	20.36	20.12	21.70	22.65	22.79	22.59	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.89	19.88	19.79	21.20	22.26	22.26	22.21	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.68	19.93	19.96	21.20	22.16	22.29	22.31	22.50
3GPP Rel 6	HSUPA Subtest-1	20.54	20.53	20.39	21.70	22.90	22.94	22.94	23.00
3GPP Rel 6	HSUPA Subtest-2	18.38	18.60	18.36	19.70	20.89	20.97	20.75	21.00
3GPP Rel 6	HSUPA Subtest-3	19.36	19.45	19.50	20.70	21.79	21.92	21.93	22.00
3GPP Rel 6	HSUPA Subtest-4	18.24	18.55	18.52	19.70	20.77	20.87	20.83	21.00
3GPP Rel 6	HSUPA Subtest-5	20.48	20.28	20.28	21.70	22.85	22.76	22.74	23.00

Band 4 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.26	20.30	20.22		
20	QPSK	1	49	20.14	20.23	20.19	21	0
20	QPSK	1	99	20.11	20.16	20.04		
20	QPSK	50	0	19.23	19.37	19.22		
20	QPSK	50	24	19.21	19.30	19.24	20	1
20	QPSK	50	50	19.11	19.25	19.12		
20	QPSK	100	0	19.19	19.32	19.25		
20	16QAM	1	0	19.16	19.26	19.15		
20	16QAM	1	49	19.12	19.25	19.19	20	1
20	16QAM	1	99	19.08	19.15	19.03		
20	16QAM	50	0	18.43	18.49	18.41		
20	16QAM	50	24	18.38	18.51	18.38	19	2
20	16QAM	50	50	18.45	18.49	18.43		
20	16QAM	100	0	18.48	18.61	18.57		
20	64QAM	1	0	18.29	18.35	18.21		
20	64QAM	1	49	18.37	18.43	18.31	19	2
20	64QAM	1	99	18.12	18.25	18.10		
20	64QAM	50	0	17.30	17.43	17.35		
20	64QAM	50	24	17.34	17.40	17.37	18	3
20	64QAM	50	50	17.22	17.30	17.25		
20	64QAM	100	0	17.37	17.41	17.27		
20	256QAM	1	0	15.45	15.51	15.47		
20	256QAM	1	49	15.25	15.38	15.32	16	5
20	256QAM	1	99	15.34	15.37	15.30		
20	256QAM	50	0	15.38	15.41	15.33		
20	256QAM	50	24	15.42	15.45	15.36	16	5
20	256QAM	50	50	15.34	15.26	15.15		
20	256QAM	100	0	15.27	15.37	15.25		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.15	20.27	20.12		
15	QPSK	1	37	20.14	20.24	20.04	21	0
15	QPSK	1	74	20.07	20.04	19.96		
15	QPSK	36	0	19.26	19.37	19.29		
15	QPSK	36	20	19.23	19.38	19.34	20	1
15	QPSK	36	39	19.15	19.32	19.21		
15	QPSK	75	0	19.25	19.39	19.31		
15	16QAM	1	0	19.21	19.29	19.22		
15	16QAM	1	37	19.18	19.35	19.27	20	1
15	16QAM	1	74	19.11	19.25	19.13		
15	16QAM	36	0	18.37	18.36	18.37		
15	16QAM	36	20	18.25	18.43	18.28	19	2
15	16QAM	36	39	18.31	18.36	18.37		
15	16QAM	75	0	18.40	18.57	18.46		
15	64QAM	1	0	18.21	18.32	18.07		
15	64QAM	1	37	18.32	18.40	18.23	19	2
15	64QAM	1	74	17.97	18.17	17.98		
15	64QAM	36	0	17.17	17.32	17.21		
15	64QAM	36	20	17.25	17.33	17.26	18	3
15	64QAM	36	39	17.17	17.23	17.19		
15	64QAM	75	0	17.26	17.31	17.21		
15	256QAM	1	0	15.31	15.39	15.37		
15	256QAM	1	37	15.13	15.24	15.17	16	5
15	256QAM	1	74	15.26	15.31	15.25		
15	256QAM	36	0	15.34	15.30	15.23		
15	256QAM	36	20	15.28	15.37	15.26	16	5
15	256QAM	36	39	15.07	15.18	15.11		
15	256QAM	75	0	15.19	15.31	15.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.17	20.23	20.17		
10	QPSK	1	25	20.18	20.21	20.10	21	0
10	QPSK	1	49	20.01	20.12	19.93		
10	QPSK	25	0	19.32	19.38	19.32		
10	QPSK	25	12	19.22	19.40	19.32	20	1
10	QPSK	25	25	19.21	19.31	19.20		
10	QPSK	50	0	19.24	19.32	19.28		
10	16QAM	1	0	19.21	19.33	19.20		
10	16QAM	1	25	19.23	19.32	19.27	20	1
10	16QAM	1	49	19.12	19.17	19.11		
10	16QAM	25	0	18.36	18.39	18.34		
10	16QAM	25	12	18.31	18.39	18.34	19	2
10	16QAM	25	25	18.30	18.35	18.38		
10	16QAM	50	0	18.41	18.50	18.52		
10	64QAM	1	0	18.15	18.23	18.09		
10	64QAM	1	25	18.27	18.33	18.23	19	2
10	64QAM	1	49	18.09	18.18	17.98		
10	64QAM	25	0	17.24	17.36	17.32		
10	64QAM	25	12	17.25	17.36	17.31	18	3
10	64QAM	25	25	17.11	17.21	17.17		
10	64QAM	50	0	17.31	17.31	17.22		
10	256QAM	1	0	15.38	15.47	15.35		
10	256QAM	1	25	15.18	15.24	15.22	16	5
10	256QAM	1	49	15.20	15.25	15.24		
10	256QAM	25	0	15.34	15.30	15.24		
10	256QAM	25	12	15.35	15.36	15.30	16	5
10	256QAM	25	25	15.09	15.14	15.05		
10	256QAM	50	0	15.13	15.31	15.14		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.22	20.23	20.12		
5	QPSK	1	12	20.20	20.26	20.05	21	0
5	QPSK	1	24	20.06	20.10	19.93		
5	QPSK	12	0	19.24	19.45	19.33		
5	QPSK	12	7	19.23	19.32	19.33	20	1
5	QPSK	12	13	19.22	19.31	19.19		
5	QPSK	25	0	19.25	19.42	19.35		
5	16QAM	1	0	19.27	19.28	19.18		
5	16QAM	1	12	19.20	19.31	19.22	20	1
5	16QAM	1	24	19.17	19.24	19.08		
5	16QAM	12	0	18.36	18.37	18.27		
5	16QAM	12	7	18.30	18.46	18.30	19	2
5	16QAM	12	13	18.41	18.38	18.34		
5	16QAM	25	0	18.40	18.53	18.50		
5	64QAM	1	0	18.17	18.21	18.14		
5	64QAM	1	12	18.25	18.40	18.24	19	2
5	64QAM	1	24	17.97	18.17	17.97		
5	64QAM	12	0	17.25	17.37	17.26		
5	64QAM	12	7	17.29	17.27	17.31	18	3
5	64QAM	12	13	17.12	17.17	17.16		
5	64QAM	25	0	17.31	17.27	17.17		
5	256QAM	1	0	15.37	15.40	15.33		
5	256QAM	1	12	15.15	15.29	15.21	16	5
5	256QAM	1	24	15.24	15.24	15.27		
5	256QAM	12	0	15.35	15.36	15.18		
5	256QAM	12	7	15.29	15.41	15.30	16	5
5	256QAM	12	13	15.10	15.11	15.00		
5	256QAM	25	0	15.23	15.31	15.12		
Channel				19950	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.18	20.28	20.15		
3	QPSK	1	8	20.19	20.24	20.11	21	0
3	QPSK	1	14	20.04	20.10	19.99		
3	QPSK	8	0	19.33	19.37	19.24		
3	QPSK	8	4	19.24	19.37	19.30	20	1
3	QPSK	8	7	19.21	19.32	19.14		
3	QPSK	15	0	19.30	19.38	19.28		
3	16QAM	1	0	19.26	19.33	19.21		
3	16QAM	1	8	19.21	19.25	19.21	20	1
3	16QAM	1	14	19.16	19.15	19.04		
3	16QAM	8	0	18.38	18.45	18.31		
3	16QAM	8	4	18.29	18.44	18.29	19	2
3	16QAM	8	7	18.32	18.42	18.30		
3	16QAM	15	0	18.44	18.47	18.45		
3	64QAM	1	0	18.21	18.24	18.08		
3	64QAM	1	8	18.32	18.29	18.24	19	2
3	64QAM	1	14	18.07	18.15	17.99		
3	64QAM	8	0	17.24	17.33	17.30		
3	64QAM	8	4	17.23	17.35	17.24	18	3
3	64QAM	8	7	17.10	17.18	17.21		
3	64QAM	15	0	17.23	17.29	17.13		
3	256QAM	1	0	15.37	15.37	15.43		
3	256QAM	1	8	15.16	15.33	15.24	16	5
3	256QAM	1	14	15.30	15.25	15.17		
3	256QAM	8	0	15.32	15.30	15.26		
3	256QAM	8	4	15.28	15.41	15.22	16	5
3	256QAM	8	7	15.09	15.18	15.01		
3	256QAM	15	0	15.21	15.28	15.13		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.22	20.26	20.13		
1.4	QPSK	1	3	20.09	20.21	20.07		
1.4	QPSK	1	5	19.96	20.01	19.90	21	0
1.4	QPSK	3	0	20.22	20.23	20.14		
1.4	QPSK	3	1	20.13	20.16	20.13		
1.4	QPSK	3	3	20.04	20.04	19.90		
1.4	QPSK	6	0	19.27	19.49	19.33	20	1
1.4	16QAM	1	0	19.31	19.36	19.27		
1.4	16QAM	1	3	19.14	19.35	19.17		
1.4	16QAM	1	5	19.24	19.40	19.29	20	1
1.4	16QAM	3	0	19.20	19.37	19.25		
1.4	16QAM	3	1	19.14	19.27	19.23		
1.4	16QAM	3	3	19.12	19.23	19.07		
1.4	16QAM	6	0	18.35	18.41	18.34	19	2
1.4	64QAM	1	0	18.29	18.41	18.25		
1.4	64QAM	1	3	18.33	18.45	18.34		
1.4	64QAM	1	5	18.38	18.48	18.45	19	2
1.4	64QAM	3	0	18.16	18.24	18.15		
1.4	64QAM	3	1	18.27	18.33	18.23		
1.4	64QAM	3	3	18.01	18.19	17.97		
1.4	64QAM	6	0	17.17	17.39	17.22	18	3
1.4	256QAM	1	0	15.40	15.43	15.37		
1.4	256QAM	1	3	15.12	15.35	15.19		
1.4	256QAM	1	5	15.23	15.31	15.15	16	5
1.4	256QAM	3	0	15.29	15.32	15.30		
1.4	256QAM	3	1	15.37	15.32	15.21		
1.4	256QAM	3	3	15.01	15.17	15.06		
1.4	256QAM	6	0	15.17	15.31	15.11	16	5

Band 5 Ant 0

BW [MHz]	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	22.78	22.82	22.72		
10	QPSK	1	25	22.71	22.77	22.67	24	0
10	QPSK	1	49	22.63	22.76	22.64		
10	QPSK	25	0	21.94	21.97	21.90		
10	QPSK	25	12	21.77	21.90	21.81	23	1
10	QPSK	25	25	21.67	21.81	21.69		
10	QPSK	50	0	21.79	21.88	21.74		
10	16QAM	1	0	21.86	21.91	21.77		
10	16QAM	1	25	21.73	21.82	21.76	23	1
10	16QAM	1	49	21.66	21.78	21.71		
10	16QAM	25	0	20.83	20.96	20.91		
10	16QAM	25	12	20.71	20.77	20.69	22	2
10	16QAM	25	25	20.69	20.79	20.75		
10	16QAM	50	0	20.75	20.85	20.72		
10	64QAM	1	0	20.86	20.91	20.85		
10	64QAM	1	25	20.79	20.83	20.71	22	2
10	64QAM	1	49	20.65	20.76	20.68		
10	64QAM	25	0	19.76	19.91	19.84		
10	64QAM	25	12	19.74	19.77	19.69	21	3
10	64QAM	25	25	19.72	19.86	19.80		
10	64QAM	50	0	19.73	19.81	19.75		
10	256QAM	1	0	17.71	17.82	17.68		
10	256QAM	1	25	17.67	17.72	17.61	19	5
10	256QAM	1	49	17.62	17.74	17.68		
10	256QAM	25	0	17.69	17.78	17.72		
10	256QAM	25	12	17.57	17.69	17.64	19	5
10	256QAM	25	25	17.55	17.65	17.58		
10	256QAM	50	0	17.65	17.71	17.62		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.72	22.77	22.62		
5	QPSK	1	12	22.67	22.73	22.63	24	0
5	QPSK	1	24	22.56	22.59	22.54		
5	QPSK	12	0	21.90	21.83	21.86		
5	QPSK	12	7	21.65	21.82	21.70	23	1
5	QPSK	12	13	21.62	21.68	21.55		
5	QPSK	25	0	21.73	21.80	21.71		
5	16QAM	1	0	21.79	21.88	21.62		
5	16QAM	1	12	21.70	21.74	21.63	23	1
5	16QAM	1	24	21.58	21.66	21.52		
5	16QAM	12	0	20.74	20.90	20.88		
5	16QAM	12	7	20.62	20.64	20.63	22	2
5	16QAM	12	13	20.54	20.67	20.67		
5	16QAM	25	0	20.68	20.81	20.58		
5	64QAM	1	0	20.80	20.80	20.81		
5	64QAM	1	12	20.51	20.61	20.53	22	2
5	64QAM	1	24	20.38	20.57	20.48		
5	64QAM	12	0	19.69	19.76	19.69		
5	64QAM	12	7	19.67	19.64	19.55	21	3
5	64QAM	12	13	19.59	19.80	19.71		
5	64QAM	25	0	19.63	19.72	19.66		
5	256QAM	1	0	17.64	17.76	17.53		
5	256QAM	1	12	17.63	17.67	17.57	19	5
5	256QAM	1	24	17.50	17.62	17.58		
5	256QAM	12	0	17.65	17.63	17.67		
5	256QAM	12	7	17.49	17.61	17.55	19	5
5	256QAM	12	13	17.44	17.57	17.56		
5	256QAM	25	0	17.53	17.61	17.59		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.69	22.72	22.62		
3	QPSK	1	8	22.63	22.67	22.63	24	0
3	QPSK	1	14	22.54	22.68	22.51		
3	QPSK	8	0	21.89	21.89	21.79		
3	QPSK	8	4	21.63	21.79	21.70	23	1
3	QPSK	8	7	21.53	21.66	21.54		
3	QPSK	15	0	21.73	21.85	21.64		
3	16QAM	1	0	21.73	21.86	21.66		
3	16QAM	1	8	21.63	21.69	21.72	23	1
3	16QAM	1	14	21.46	21.56	21.45		
3	16QAM	8	0	20.73	20.85	20.88		
3	16QAM	8	4	20.63	20.70	20.58	22	2
3	16QAM	8	7	20.63	20.65	20.62		
3	16QAM	15	0	20.61	20.76	20.60		
3	64QAM	1	0	20.76	20.87	20.77		
3	64QAM	1	8	20.45	20.64	20.53	22	2
3	64QAM	1	14	20.41	20.52	20.43		
3	64QAM	8	0	19.72	19.81	19.77		
3	64QAM	8	4	19.69	19.72	19.56	21	3
3	64QAM	8	7	19.61	19.80	19.77		
3	64QAM	15	0	19.65	19.74	19.65		
3	256QAM	1	0	17.68	17.71	17.57		
3	256QAM	1	8	17.55	17.64	17.49	19	5
3	256QAM	1	14	17.56	17.65	17.63		
3	256QAM	8	0	17.63	17.69	17.64		
3	256QAM	8	4	17.48	17.61	17.56	19	5
3	256QAM	8	7	17.41	17.59	17.44		
3	256QAM	15	0	17.62	17.66	17.49		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.65	22.78	22.62		
1.4	QPSK	1	3	22.62	22.66	22.61		
1.4	QPSK	1	5	22.49	22.61	22.58	24	0
1.4	QPSK	3	0	22.68	22.70	22.66		
1.4	QPSK	3	1	22.60	22.72	22.55		
1.4	QPSK	3	3	22.51	22.58	22.60		
1.4	QPSK	6	0	21.89	21.85	21.86	23	1
1.4	16QAM	1	0	21.64	21.82	21.68		
1.4	16QAM	1	3	21.62	21.72	21.60		
1.4	16QAM	1	5	21.68	21.84	21.67	23	1
1.4	16QAM	3	0	21.77	21.81	21.68		
1.4	16QAM	3	1	21.65	21.68	21.66		
1.4	16QAM	3	3	21.46	21.63	21.43		
1.4	16QAM	6	0	20.72	20.92	20.81	22	2
1.4	64QAM	1	0	20.56	20.71	20.63		
1.4	64QAM	1	3	20.60	20.66	20.68		
1.4	64QAM	1	5	20.67	20.75	20.65	22	2
1.4	64QAM	3	0	20.81	20.82	20.78		
1.4	64QAM	3	1	20.68	20.73	20.62		
1.4	64QAM	3	3	20.58	20.69	20.55		
1.4	64QAM	6	0	19.72	19.79	19.75	21	3
1.4	256QAM	1	0	17.67	17.72	17.61		
1.4	256QAM	1	3	17.54	17.66	17.54		
1.4	256QAM	1	5	17.59	17.70	17.62	19	5
1.4	256QAM	3	0	17.61	17.68	17.62		
1.4	256QAM	3	1	17.50	17.56	17.61		
1.4	256QAM	3	3	17.47	17.52	17.44		
1.4	256QAM	6	0	17.61	17.59	17.55	19	5

Band 7 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.06	22.13	22.10		
20	QPSK	1	49	21.98	22.06	22.03	22.9	0
20	QPSK	1	99	22.01	22.07	21.95		
20	QPSK	50	0	21.96	22.09	21.99		
20	QPSK	50	24	21.94	21.92	21.90	22.9	0
20	QPSK	50	50	21.95	21.95	21.85		
20	QPSK	100	0	21.96	22.05	22.00		
20	16QAM	1	0	21.96	22.04	21.95		
20	16QAM	1	49	21.91	22.04	21.91	22.9	0
20	16QAM	1	99	21.86	21.99	21.86		
20	16QAM	50	0	21.43	21.48	21.33		
20	16QAM	50	24	21.29	21.43	21.29	22	0.9
20	16QAM	50	50	21.33	21.36	21.26		
20	16QAM	100	0	21.30	21.42	21.31		
20	64QAM	1	0	21.26	21.36	21.27		
20	64QAM	1	49	21.21	21.31	21.21	22	0.9
20	64QAM	1	99	21.18	21.24	21.19		
20	64QAM	50	0	20.35	20.41	20.37		
20	64QAM	50	24	20.27	20.36	20.23	21	1.9
20	64QAM	50	50	20.16	20.29	20.22		
20	64QAM	100	0	20.31	20.35	20.23		
20	256QAM	1	0	18.36	18.46	18.38		
20	256QAM	1	49	18.38	18.41	18.34	19	3.9
20	256QAM	1	99	18.25	18.34	18.28		
20	256QAM	50	0	18.27	18.42	18.36		
20	256QAM	50	24	18.31	18.37	18.29	19	3.9
20	256QAM	50	50	18.21	18.30	18.25		
20	256QAM	100	0	18.30	18.39	18.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.04	22.08	21.95		
15	QPSK	1	37	21.83	22.04	21.96	22.9	0
15	QPSK	1	74	21.91	21.94	21.84		
15	QPSK	36	0	21.85	22.06	21.94		
15	QPSK	36	20	21.87	21.81	21.83	22.9	0
15	QPSK	36	39	21.81	21.91	21.83		
15	QPSK	75	0	21.94	21.97	21.92		
15	16QAM	1	0	21.91	21.94	21.91		
15	16QAM	1	37	21.80	21.96	21.83	22.9	0
15	16QAM	1	74	21.69	21.84	21.71		
15	16QAM	36	0	21.36	21.42	21.25		
15	16QAM	36	20	21.23	21.30	21.20	22	0.9
15	16QAM	36	39	21.18	21.26	21.20		
15	16QAM	75	0	21.20	21.35	21.27		
15	64QAM	1	0	21.13	21.33	21.14		
15	64QAM	1	37	21.15	21.24	21.09	22	0.9
15	64QAM	1	74	21.10	21.21	21.13		
15	64QAM	36	0	20.29	20.36	20.25		
15	64QAM	36	20	20.14	20.26	20.18	21	1.9
15	64QAM	36	39	20.04	20.14	20.09		
15	64QAM	75	0	20.18	20.22	20.12		
15	256QAM	1	0	18.31	18.34	18.29		
15	256QAM	1	37	18.23	18.33	18.26	19	3.9
15	256QAM	1	74	18.21	18.30	18.16		
15	256QAM	36	0	18.13	18.29	18.32		
15	256QAM	36	20	18.21	18.31	18.23	19	3.9
15	256QAM	36	39	18.06	18.25	18.19		
15	256QAM	75	0	18.20	18.29	18.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.90	21.95	22.06		
10	QPSK	1	25	21.90	21.93	21.88	22.9	0
10	QPSK	1	49	21.94	21.95	21.85		
10	QPSK	25	0	21.84	21.98	21.94		
10	QPSK	25	12	21.82	21.86	21.82	22.9	0
10	QPSK	25	25	21.82	21.83	21.83		
10	QPSK	50	0	21.92	21.98	21.82		
10	16QAM	1	0	21.85	21.93	21.89		
10	16QAM	1	25	21.78	21.97	21.81	22.9	0
10	16QAM	1	49	21.82	21.91	21.78		
10	16QAM	25	0	21.30	21.38	21.22		
10	16QAM	25	12	21.24	21.30	21.17	22	0.9
10	16QAM	25	25	21.26	21.24	21.20		
10	16QAM	50	0

Band 13 Ant 0

BW [MHz]	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		22.82		24	0
10	QPSK	1	25		22.77			
10	QPSK	1	49		22.73			
10	QPSK	25	0		21.87		23	1
10	QPSK	25	12		21.82			
10	QPSK	25	25		21.76			
10	QPSK	50	0		21.83			
10	16QAM	1	0		21.77		23	1
10	16QAM	1	25		21.72			
10	16QAM	1	49		21.61			
10	16QAM	25	0		20.90		22	2
10	16QAM	25	12		20.85			
10	16QAM	25	25		20.73			
10	16QAM	50	0		20.84			
10	64QAM	1	0		20.79		22	2
10	64QAM	1	25		20.74			
10	64QAM	1	49		20.60			
10	64QAM	25	0		19.91		21	3
10	64QAM	25	12		19.86			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.85			
10	256QAM	1	0		17.91		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.74			
10	256QAM	25	0		17.87		19	5
10	256QAM	25	12		17.82			
10	256QAM	25	25		17.74			
10	256QAM	50	0		17.80			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.71	22.78	22.87	24	0
5	QPSK	1	12	22.68	22.72	22.84		
5	QPSK	1	24	22.54	22.62	22.53		
5	QPSK	12	0	21.66	21.77	21.68	23	1
5	QPSK	12	7	21.71	21.78	21.73		
5	QPSK	12	13	21.49	21.64	21.54		
5	QPSK	25	0	21.66	21.79	21.67		
5	16QAM	1	0	21.63	21.74	21.63	23	1
5	16QAM	1	12	21.57	21.60	21.54		
5	16QAM	1	24	21.39	21.51	21.46		
5	16QAM	12	0	20.70	20.81	20.69	22	2
5	16QAM	12	7	20.68	20.77	20.64		
5	16QAM	12	13	20.61	20.72	20.61		
5	16QAM	25	0	20.68	20.81	20.73		
5	64QAM	1	0	20.52	20.65	20.59	22	2
5	64QAM	1	12	20.46	20.60	20.50		
5	64QAM	1	24	20.48	20.57	20.43		
5	64QAM	12	0	19.66	19.76	19.67	21	3
5	64QAM	12	7	19.70	19.74	19.63		
5	64QAM	12	13	19.66	19.71	19.59		
5	64QAM	25	0	19.71	19.79	19.66		
5	256QAM	1	0	17.78	17.83	17.76	19	5
5	256QAM	1	12	17.68	17.83	17.76		
5	256QAM	1	24	17.64	17.75	17.70		
5	256QAM	12	0	17.78	17.83	17.77	19	5
5	256QAM	12	7	17.65	17.73	17.60		
5	256QAM	12	13	17.55	17.70	17.65		
5	256QAM	25	0	17.73	17.78	17.68		

Band 17 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.85	22.88	22.81	24	0
10	QPSK	1	25	22.81	22.87	22.75		
10	QPSK	1	49	22.71	22.80	22.67		
10	QPSK	25	0	21.89	21.96	21.86	23	1
10	QPSK	25	12	21.79	21.91	21.84		
10	QPSK	25	25	21.75	21.84	21.80		
10	QPSK	50	0	21.75	21.89	21.84		
10	16QAM	1	0	21.75	21.81	21.68	23	1
10	16QAM	1	25	21.65	21.76	21.67		
10	16QAM	1	49	21.59	21.69	21.65		
10	16QAM	25	0	20.89	20.92	20.86	22	2
10	16QAM	25	12	20.77	20.87	20.82		
10	16QAM	25	25	20.65	20.80	20.73		
10	16QAM	50	0	20.73	20.86	20.71		
10	64QAM	1	0	20.71	20.81	20.69	22	2
10	64QAM	1	25	20.71	20.76	20.66		
10	64QAM	1	49	20.59	20.69	20.57		
10	64QAM	25	0	19.79	19.90	19.79	21	3
10	64QAM	25	12	19.79	19.85	19.79		
10	64QAM	25	25	19.75	19.78	19.64		
10	64QAM	50	0	19.77	19.86	19.77		
10	256QAM	1	0	17.82	17.90	17.80	19	5
10	256QAM	1	25	17.76	17.85	17.80		
10	256QAM	1	49	17.73	17.78	17.71		
10	256QAM	25	0	17.78	17.84	17.80	19	5
10	256QAM	25	12	17.65	17.79	17.69		
10	256QAM	25	25	17.63	17.72	17.67		
10	256QAM	50	0	17.67	17.79	17.72		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.77	22.85	22.72	24	0
5	QPSK	1	12	22.74	22.72	22.66		
5	QPSK	1	24	22.65	22.74	22.61		
5	QPSK	12	0	21.76	21.81	21.72	23	1
5	QPSK	12	7	21.69	21.77	21.71		
5	QPSK	12	13	21.69	21.80	21.72		
5	QPSK	25	0	21.69	21.76	21.79		
5	16QAM	1	0	21.72	21.76	21.57	23	1
5	16QAM	1	12	21.60	21.67	21.56		
5	16QAM	1	24	21.54	21.54	21.53		
5	16QAM	12	0	20.82	20.85	20.74	22	2
5	16QAM	12	7	20.74	20.83	20.71		
5	16QAM	12	13	20.56	20.66	20.67		
5	16QAM	25	0	20.70	20.79	20.58		
5	64QAM	1	0	20.59	20.72	20.63	22	2
5	64QAM	1	12	20.59	20.62	20.57		
5	64QAM	1	24	20.54	20.61	20.50		
5	64QAM	12	0	19.67	19.79	19.72	21	3
5	64QAM	12	7	19.71	19.73	19.72		
5	64QAM	12	13	19.71	19.67	19.60		
5	64QAM	25	0	19.63	19.75	19.66		
5	256QAM	1	0	17.71	17.84	17.75	19	5
5	256QAM	1	12	17.66	17.79	17.73		
5	256QAM	1	24	17.65	17.73	17.60		
5	256QAM	12	0	17.69	17.74	17.71	19	5
5	256QAM	12	7	17.56	17.76	17.61		
5	256QAM	12	13	17.53	17.65	17.62		
5	256QAM	25	0	17.61	17.65	17.59		

Band 26 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.82	22.89	22.74	24	0
15	QPSK	1	37	22.79	22.84	22.70		
15	QPSK	1	74	22.68	22.79	22.71		
15	QPSK	36	0	21.68	21.81	21.67	23	1
15	QPSK	36	20	21.73	21.76	21.70		
15	QPSK	36	39	21.60	21.69	21.56		
15	QPSK	75	0	21.65	21.76	21.65		
15	16QAM	1	0	21.57	21.72	21.66	23	1
15	16QAM	1	37	21.63	21.67	21.53		
15	16QAM	1	74	21.48	21.60	21.55		
15	16QAM	36	0	20.67	20.79	20.66	22	2
15	16QAM	36	20	20.69	20.74	20.69		
15	16QAM	36	39	20.56	20.67	20.60		
15	16QAM	75	0	20.58	20.73	20.68		
15	64QAM	1	0	20.55	20.68	20.54	22	2
15	64QAM	1	37	20.49	20.63	20.51		
15	64QAM	1	74	20.51	20.56	20.49		
15	64QAM	36	0	19.71	19.76	19.69	21	3
15	64QAM	36	20	19.60	19.71	19.62		
15	64QAM	36	39	19.50	19.64	19.53		
15	64QAM	75	0	19.58	19.68	19.62		
15	256QAM	1	0	17.67	17.80	17.66	19	5
15	256QAM	1	37	17.66	17.75	17.71		
15	256QAM	1	74	17.64	17.68	17.62		
15	256QAM	36	0	17.62	17.73	17.67	19	5
15	256QAM	36	20	17.61	17.68	17.53		
15	256QAM	36	39	17.55	17.61	17.52		
15	256QAM	75	0	17.58	17.68	17.56		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.73	22.82	22.66	24	0
10	QPSK	1	25	22.70	22.77	22.56		
10	QPSK	1	49	22.54	22.63	22.65		
10	QPSK	25	0	21.57	21.77	21.54	23	1
10	QPSK	25	12	21.68	21.66	21.64		
10	QPSK	25	25	21.49	21.65	21.48		
10	QPSK	50	0	21.52	21.62	21.54		
10	16QAM	1	0	21.48	21.65	21.63	23	1
10	16QAM	1	25	21.50	21.63	21.46		
10	16QAM	1	49	21.35	21.48	21.42		
10	16QAM	25	0	20.55	20.68	20.63	22	2
10	16QAM	25	12	20.59	20.59	20.63		
10	16QAM	25	25	20.53	20.62	20.56		
10	16QAM	50	0	20.45	20.59	20.63		
10	64QAM	1	0	20.48	20.56	20.48	22	2
10	64QAM	1	25	20.40	20.53	20.44		
10	64QAM	1	49	20.37	20.43	20.37		
10	64QAM	25	0	19.64	19.62	19.56	21	3
10	64QAM	25	12	19.54	19.61	19.56		
10	64QAM	25	25	19.40	19.57	19.45		
10	64QAM	50	0	19.44	19.57	19.59		
10	256QAM	1	0	17.60	17.73	17.59	19	5
10	256QAM	1	25	17.63	17.71	17.57		
10	256QAM	1	49	17.57	17.60	17.55		
10	256QAM	25	0	17.54	17.64	17.57	19	5
10	256QAM	25	12	17.52	17.60	17.47		
10	256QAM	25	25	17.47	17.54	17.36		
10	256QAM	50	0	17.45	17.53	17.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.70	22.75	22.60	24	0
5	QPSK	1	12	22.73	22.71	22.61		
5	QPSK	1	24	22.64	22.73	22.57		
5	QPSK	12	0	21.55	21.72	21.56	23	1
5	QPSK	12	7	21.59	21.68	21.64		
5	QPSK	12	13	21.57	21.59	21.47		
5	QPSK	25	0	21.61	21.67	21.60		
5	16QAM	1	0	21.48	21.64	21.62	23	1
5	16QAM	1	12	21.60	21.53	21.48		
5	16QAM	1	24	21.40	21.52	21.48		
5	16QAM	12	0	20.56	20.70	20.53	22	2
5	16QAM	12	7	20.62	20.68	20.56		
5	16QAM	12	13	20.49	20.55	20.45		
5	16QAM	25	0	20.52	20.63	20.58		
5	64QAM	1	0	20.52	20.63	20.41	22	2
5	64QAM	1	12	20.36	20.59	20.36		
5	64QAM	1	24	20.40	20.44	20.46		
5	64QAM	12	0	19.66	19.67	19.64	21	3
5	64QAM	12	7	19.46	19.58	19.53		
5	64QAM	12	13	19.38	19.57	19.38		
5	64QAM	25	0	19.54	19.59	19.51		
5	256QAM	1	0	17.64	17.71	17.60	19	5
5	256QAM	1	12	17.53	17.71	17.66		
5	256QAM	1	24	17.59	17.63	17.47		
5	256QAM	12	0	17.50	17.70	17.53	19	5
5	256QAM	12	7	17.46	17.53	17.39		
5	256QAM	12	13	17.43	17.47	17.46		
5	256QAM	25	0	17.49	17.64	17.46		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.69	22.79	22.60	24	0
3	QPSK	1	8	22.70	22.74	22.67		
3	QPSK	1	14	22.57	22.72	22.56		
3	QPSK	8	0	21.63	21.69	21.56	23	1
3	QPSK	8	4	21.65	21.63	21.65		
3	QPSK	8	7	21.51	21.55	21.55		
3	QPSK	15	0	21.61	21.73	21.51		
3	16QAM	1	0	21.48	21.65	21.58	23	1
3	16QAM	1	8	21.50	21.63	21.41		
3	16QAM	1	14	21.38	21.46	21.50		
3	16QAM	8	0	20.54	20.72	20.55	22	2
3	16QAM	8	4	20.62	20.60	20.60		
3	16QAM	8	7	20.52	20.63	20.54		
3	16QAM	15	0	20.48	20.62	20.60		
3	64QAM	1	0	20.44	20.58	20.40	22	2
3	64QAM	1	8	20.46	20.53	20.42		
3	64QAM	1	14	20.42	20.49	20.43		
3	64QAM	8	0	19.68	19.66	19.60	21	3
3	64QAM	8	4	19.49	19.68	19.51		
3	64QAM	8	7	19.43	19.58	19.48		
3	64QAM	15	0	19.48	19.63	19.52		
3	256QAM	1	0	17.54	17.69	17.57	19	5
3	256QAM	1	8	17.61	17.61	17.58		
3	256QAM	1	14	17.56	17.58	17.50		
3	256QAM	8	0	17.56	17.58	17.62	19	5
3	256QAM	8	4	17.51	17.60	17.44		
3	256QAM	8	7	17.47	17.55	17.38		
3	256QAM	15	0	17.51	17.64	17.51		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.77	22.85	22.63	24	0
1.4	QPSK	1	3	22.66	22.80	22.57		
1.4	QPSK	1	5	22.64	22.71	22.66		
1.4	QPSK	3	0	22.74	22.82	22.71		
1.4	QPSK	3	1	22.74	22.76	22.64		
1.4	QPSK	3	3	22.56	22.63	22.56		
1.4	QPSK	6	0	21.65	21.67	21.59	23	1
1.4	16QAM	1	0	21.60	21.69	21.58	23	1
1.4	16QAM	1	3	21.49	21.63	21.51		
1.4	16QAM	1	5	21.54	21.67	21.56		
1.4	16QAM	3	0	21.51	21.58	21.61		
1.4	16QAM	3	1	21.48	21.62	21.38		
1.4	16QAM	3	3	21.38	21.46	21.49		
1.4	16QAM	6	0	20.63	20.66	20.56	22	2
1.4	64QAM	1	0	20.60	20.62	20.62	22	2
1.4	64QAM	1	3	20.42	20.54	20.48		
1.4	64QAM	1	5	20.50	20.60	20.59		
1.4	64QAM	3	0	20.51	20.53	20.43		
1.4	64QAM	3	1	20.38	20.53	20.37		
1.4	64QAM	3	3	20.40	20.45	20.38		
1.4	64QAM	6	0	19.62	19.73	19.57	21	3
1.4	256QAM	1	0	17.54	17.74	17.51	19	5
1.4	256QAM	1	3	17.55	17.71	17.65		
1.4	256QAM	1	5	17.50	17.64	17.54		
1.4	256QAM	3	0	17.53	17.69	17.60		
1.4	256QAM	3	1	17.49	17.57	17.42		
1.4	256QAM	3	3	17.41	17.56	17.36		
1.4	256QAM	6	0	17.45	17.53	17.48	19	5

Band 66 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.26	20.36	20.20	21	0
20	QPSK	1	49	20.22	20.29	20.16		
20	QPSK	1	99	20.15	20.22	20.08		
20	QPSK	50	0	19.24	19.38	19.25	20	1
20	QPSK	50	24	19.21	19.33	19.28		
20	QPSK	50	50	19.15	19.26	19.14		
20	QPSK	100	0	19.21	19.33	19.21		
20	16QAM	1	0	19.27	19.31	19.22	20	1
20	16QAM	1	49	19.15	19.26	19.22		
20	16QAM	1	99	19.12	19.19	19.15		
20	16QAM	50	0	18.38	18.44	18.38	19	2
20	16QAM	50	24	18.29	18.39	18.24		
20	16QAM	50	50	18.29	18.32	18.27		
20	16QAM	100	0	18.31	18.37	18.29		
20	64QAM	1	0	18.18	18.30	18.18	19	2
20	64QAM	1	49	18.21	18.25	18.14		
20	64QAM	1	99	18.04	18.18	18.09		
20	64QAM	50	0	17.34	17.41	17.35	18	3
20	64QAM	50	24	17.29	17.26	17.24		
20	64QAM	50	50	17.16	17.29	17.24		
20	64QAM	100	0	17.26	17.34	17.22		
20	256QAM	1	0	15.34	15.43	15.36	16	5
20	256QAM	1	49	15.27	15.38	15.33		
20	256QAM	1	99	15.20	15.31	15.19		
20	256QAM	50	0	15.28	15.37	15.29	16	5
20	256QAM	50	24	15.26	15.32	15.22		
20	256QAM	50	50	15.20	15.25	15.15		
20	256QAM	100	0	15.21	15.31	15.19		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.09	20.16	20.06	21	0
15	QPSK	1	37	20.08	20.05	20.02		
15	QPSK	1	74	19.94	20.01	19.95		
15	QPSK	36	0	19.20	19.28	19.19	20	1
15	QPSK	36	20	19.16	19.26	19.24		
15	QPSK	36	39	19.08	19.15	19.07		
15	QPSK	75	0	19.14	19.20	19.16		
15	16QAM	1	0	19.22	19.16	19.07	20	1
15	16QAM	1	37	19.01	19.21	19.14		
15	16QAM	1	74	19.02	19.16	19.09		
15	16QAM	36	0	18.28	18.36	18.33	19	2
15	16QAM	36	20	18.21	18.27	18.15		
15	16QAM	36	39	18.21	18.23	18.24		
15	16QAM	75	0	18.23	18.26	18.21		
15	64QAM	1	0	18.13	18.25	18.06	19	2
15	64QAM	1	37	18.08	18.12	18.10		
15	64QAM	1	74	17.91	18.08	17.98		
15	64QAM	36	0	17.21	17.38	17.26	18	3
15	64QAM	36	20	17.18	17.23	17.12		
15	64QAM	36	39	17.05	17.18	17.12		
15	64QAM	75	0	17.14	17.24	17.16		
15	256QAM	1	0	15.27	15.36	15.22	16	5
15	256QAM	1	37	15.12	15.34	15.21		
15	256QAM	1	74	15.07	15.27	15.11		
15	256QAM	36	0	15.20	15.27	15.25	16	5
15	256QAM	36	20	15.19	15.25	15.11		
15	256QAM	36	39	15.08	15.19	15.09		
15	256QAM	75	0	15.17	15.19	15.14		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.09	20.16	19.97	21	0
10	QPSK	1	25	20.01	20.10	19.99		
10	QPSK	1	49	19.91	20.09	19.99		
10	QPSK	25	0	19.13	19.28	19.22	20	1
10	QPSK	25	12	19.11	19.25	19.20		
10	QPSK	25	25	19.03	19.15	19.10		
10	QPSK	50	0	19.07	19.25	19.09		
10	16QAM	1	0	19.19	19.19	19.08	20	1
10	16QAM	1	25	19.04	19.20	19.17		
10	16QAM	1	49	19.05	19.10	19.12		
10	16QAM	25	0	18.33	18.29	18.27	19	2
10	16QAM	25	12	18.15	18.36	18.20		
10	16QAM	25	25	18.17	18.18	18.14		
10	16QAM	50	0	18.24	18.30	18.23		
10	64QAM	1	0	18.12	18.16	18.06	19	2
10	64QAM	1	25	18.17	18.15	18.02		
10	64QAM	1	49	18.01	18.04	18.03		
10	64QAM	25	0	17.20	17.29	17.25	18	3
10	64QAM	25	12	17.15	17.21	17.18		
10	64QAM	25	25	17.10	17.20	17.20		
10	64QAM	50	0	17.18	17.28	17.18		
10	256QAM	1	0	15.22	15.38	15.26	16	5
10	256QAM	1	25	15.19	15.28	15.29		
10	256QAM	1	49	15.13	15.22	15.09		
10	256QAM	25	0	15.18	15.25	15.15	16	5
10	256QAM	25	12	15.16	15.25	15.09		
10	256QAM	25	25	15.16	15.19	15.03		
10	256QAM	50	0	15.17	15.22	15.04		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.04	20.10	19.98	21	0
5	QPSK	1	12	20.08	20.09	20.00		
5	QPSK	1	24	19.97	20.08	19.94		
5	QPSK	12	0	19.14	19.25	19.17	20	1
5	QPSK	12	7	19.08	19.20	19.24		
5	QPSK	12	13	19.05	19.22	19.03		
5	QPSK	25	0	19.07	19.25	19.14		
5	16QAM	1	0	19.19	19.20	19.17	20	1
5	16QAM	1	12	19.02	19.19	19.09		
5	16QAM	1	24	18.97	19.09	19.00		
5	16QAM	12	0	18.25	18.32	18.31	19	2
5	16QAM	12	7	18.15	18.33	18.14		
5	16QAM	12	13	18.24	18.28	18.23		
5	16QAM	25	0	18.17	18.32	18.19		
5	64QAM	1	0	18.15	18.16	18.04	19	2
5	64QAM	1	12	18.17	18.18	18.09		
5	64QAM	1	24	17.90	18.09	18.00		
5	64QAM	12	0	17.26	17.27	17.28	18	3
5	64QAM	12	7	17.15	17.33	17.12		
5	64QAM	12	13	17.09	17.20	17.20		
5	64QAM	25	0	17.17	17.30	17.17		

Band 38 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.63	20.70	20.57	22	0
20	QPSK	1	49	20.60	20.65	20.53		
20	QPSK	1	99	20.52	20.58	20.48		
20	QPSK	50	0	19.56	19.61	19.50	21	1
20	QPSK	50	24	19.42	19.56	19.39		
20	QPSK	50	50	19.38	19.49	19.34		
20	QPSK	100	0	19.44	19.57	19.51		
20	16QAM	1	0	19.42	19.52	19.39	21	1
20	16QAM	1	49	19.33	19.47	19.42		
20	16QAM	1	99	19.30	19.40	19.35		
20	16QAM	50	0	18.45	18.55	18.47	20	2
20	16QAM	50	24	18.43	18.50	18.39		
20	16QAM	50	50	18.35	18.43	18.39		
20	16QAM	100	0	18.46	18.49	18.45		
20	64QAM	1	0	18.33	18.45	18.35	20	2
20	64QAM	1	49	18.31	18.40	18.32		
20	64QAM	1	99	18.26	18.33	18.26		
20	64QAM	50	0	17.41	17.46	17.35	19	3
20	64QAM	50	24	17.33	17.41	17.27		
20	64QAM	50	50	17.30	17.34	17.19		
20	64QAM	100	0	17.32	17.43	17.38		
20	256QAM	1	0	15.45	15.51	15.40	17	5
20	256QAM	1	49	15.35	15.46	15.31		
20	256QAM	1	99	15.34	15.39	15.28		
20	256QAM	50	0	15.44	15.48	15.42		
20	256QAM	50	24	15.35	15.43	15.31	17	5
20	256QAM	50	50	15.30	15.36	15.25		
20	256QAM	100	0	15.38	15.44	15.29		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	20.50	20.62	20.50	22	0
15	QPSK	1	37	20.55	20.58	20.40		
15	QPSK	1	74	20.42	20.54	20.35		
15	QPSK	36	0	19.51	19.47	19.36	21	1
15	QPSK	36	20	19.29	19.51	19.35		
15	QPSK	36	39	19.33	19.35	19.21		
15	QPSK	75	0	19.33	19.49	19.39		
15	16QAM	1	0	19.31	19.47	19.34	21	1
15	16QAM	1	37	19.30	19.35	19.37		
15	16QAM	1	74	19.16	19.31	19.24		
15	16QAM	36	0	18.39	18.49	18.39	20	2
15	16QAM	36	20	18.40	18.41	18.31		
15	16QAM	36	39	18.31	18.35	18.26		
15	16QAM	75	0	18.37	18.44	18.39		
15	64QAM	1	0	18.26	18.37	18.26	20	2
15	64QAM	1	37	18.25	18.29	18.20		
15	64QAM	1	74	18.16	18.22	18.13		
15	64QAM	36	0	17.37	17.35	17.24	19	3
15	64QAM	36	20	17.28	17.34	17.21		
15	64QAM	36	39	17.15	17.24	17.13		
15	64QAM	75	0	17.22	17.37	17.29		
15	256QAM	1	0	15.38	15.38	15.32	17	5
15	256QAM	1	37	15.22	15.40	15.21		
15	256QAM	1	74	15.25	15.33	15.22		
15	256QAM	36	0	15.31	15.35	15.37	17	5
15	256QAM	36	20	15.21	15.36	15.28		
15	256QAM	36	39	15.20	15.24	15.16		
15	256QAM	75	0	15.27	15.36	15.19		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	20.50	20.59	20.52	22	0
10	QPSK	1	25	20.51	20.55	20.42		
10	QPSK	1	49	20.42	20.48	20.34		
10	QPSK	25	0	19.44	19.51	19.41	21	1
10	QPSK	25	12	19.36	19.47	19.39		
10	QPSK	25	25	19.27	19.38	19.30		
10	QPSK	50	0	19.36	19.48	19.48		
10	16QAM	1	0	19.30	19.44	19.30	21	1
10	16QAM	1	25	19.29	19.35	19.36		
10	16QAM	1	49	19.21	19.28	19.28		
10	16QAM	25	0	18.35	18.42	18.35	20	2
10	16QAM	25	12	18.40	18.42	18.26		
10	16QAM	25	25	18.29	18.31	18.32		
10	16QAM	50	0	18.37	18.37	18.32		
10	64QAM	1	0	18.29	18.31	18.21	20	2
10	64QAM	1	25	18.18	18.32	18.27		
10	64QAM	1	49	18.16	18.22	18.19		
10	64QAM	25	0	17.32	17.36	17.22	19	3
10	64QAM	25	12	17.28	17.30	17.23		
10	64QAM	25	25	17.21	17.22	17.15		
10	64QAM	50	0	17.29	17.31	17.25		
10	256QAM	1	0	15.31	15.37	15.30	17	5
10	256QAM	1	25	15.21	15.33	15.27		
10	256QAM	1	49	15.30	15.29	15.14		
10	256QAM	25	0	15.29	15.45	15.32	17	5
10	256QAM	25	12	15.28	15.32	15.17		
10	256QAM	25	25	15.27	15.31	15.14		
10	256QAM	50	0	15.25	15.40	15.22		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	20.54	20.57	20.43	22	0
5	QPSK	1	12	20.48	20.55	20.46		
5	QPSK	1	24	20.39	20.49	20.40		
5	QPSK	12	0	19.41	19.58	19.45	21	1
5	QPSK	12	7	19.29	19.48	19.36		
5	QPSK	12	13	19.24	19.41	19.27		
5	QPSK	25	0	19.32	19.49	19.42		
5	16QAM	1	0	19.34	19.48	19.25	21	1
5	16QAM	1	12	19.28	19.35	19.29		
5	16QAM	1	24	19.16	19.37	19.26		
5	16QAM	12	0	18.42	18.42	18.42	20	2
5	16QAM	12	7	18.34	18.36	18.30		
5	16QAM	12	13	18.27	18.35	18.27		
5	16QAM	25	0	18.34	18.38	18.40		
5	64QAM	1	0	18.23	18.34	18.22	20	2
5	64QAM	1	12	18.26	18.27	18.27		
5	64QAM	1	24	18.18	18.30	18.13		
5	64QAM	12	0	17.29	17.43	17.24	19	3
5	64QAM	12	7	17.22	17.37	17.18		
5	64QAM	12	13	17.26	17.23	17.07		
5	64QAM	25	0	17.25	17.36	17.25		
5	256QAM	1	0	15.32	15.48	15.36	17	5
5	256QAM	1	12	15.26	15.36	15.26		
5	256QAM	1	24	15.24	15.32	15.21		
5	256QAM	12	0	15.33	15.44	15.35	17	5
5	256QAM	12	7	15.28	15.33	15.19		
5	256QAM	12	13	15.21	15.27	15.20		
5	256QAM	25	0	15.27	15.38	15.16		

Band 41 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.58	20.65	20.77	20.71	20.63	22	0
20	QPSK	1	49	20.54	20.63	20.72	20.68	20.58		
20	QPSK	1	99	20.49	20.53	20.65	20.50	20.54		
20	QPSK	50	0	19.62	19.62	19.74	19.64	19.69	21	1
20	QPSK	50	24	19.57	19.63	19.69	19.58	19.54		
20	QPSK	50	50	19.51	19.50	19.62	19.47	19.52		
20	QPSK	100	0	19.53	19.59	19.66	19.57	19.59		
20	16QAM	1	0	19.45	19.46	19.58	19.48	19.48	21	1
20	16QAM	1	49	19.35	19.40	19.53	19.44	19.41		
20	16QAM	1	99	19.35	19.34	19.46	19.43	19.32		
20	16QAM	50	0	18.52	18.59	18.70	18.61	18.55	20	2
20	16QAM	50	24	18.50	18.51	18.65	18.56	18.52		
20	16QAM	50	50	18.46	18.49	18.58	18.47	18.53		
20	16QAM	100	0	18.49	18.57	18.64	18.51	18.57		
20	64QAM	1	0	18.46	18.55	18.61	18.48	18.56	20	2
20	64QAM	1	49	18.38	18.42	18.58	18.50	18.45		
20	64QAM	1	99	18.29	18.38	18.49	18.38	18.45		
20	64QAM	50	0	17.53	17.55	17.66	17.55	17.52	19	3
20	64QAM	50	24	17.43	17.55	17.61	17.48	17.56		
20	64QAM	50	50	17.38	17.39	17.54	17.47	17.43		
20	64QAM	100	0	17.50	17.47	17.60	17.48	17.54		
20	256QAM	1	0	15.60	15.67	15.77	15.73	15.70	17	5
20	256QAM	1	49	15.59	15.59	15.72	15.68	15.65		
20	256QAM	1	99	15.47	15.56	15.65	15.50	15.56		
20	256QAM	50	0	15.62	15.61	15.72	15.57	15.62	17	5
20	256QAM	50	24	15.56	15.55	15.67	15.60	15.55		
20	256QAM	50	50	15.45	15.49	15.60	15.48	15.56		
20	256QAM	100	0	15.47	15.50	15.64	15.50	15.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	20.48	20.54	20.73	20.61	20.50	22.00	0
15	QPSK	1	37	20.43	20.50	20.59	20.60	20.55		
15	QPSK	1	74	20.41	20.44	20.61	20.35	20.47		
15	QPSK	36	0	19.55	19.54	19.67	19.59	19.54	21	1
15	QPSK	36	20	19.50	19.57	19.60	19.45	19.49		
15	QPSK	36	39	19.42	19.38	19.56	19.36	19.47		
15	QPSK	75	0	19.42	19.56	19.62	19.43	19.46		
15	16QAM	1	0	19.34	19.43	19.44	19.35	19.34	21	1
15	16QAM	1	37	19.32	19.29	19.45	19.34	19.28		
15	16QAM	1	74	19.23	19.23	19.33	19.35	19.25		
15	16QAM	36	0	18.38	18.50	18.61	18.57	18.48	20	2
15	16QAM	36	20	18.36	18.47	18.54	18.51	18.45		
15	16QAM	36	39	18.34	18.38	18.46	18.39	18.47		
15	16QAM	75	0	18.38	18.48	18.51	18.41	18.47		
15	64QAM	1	0	18.39	18.48	18.58	18.38	18.50	20	2
15	64QAM	1	37	18.30	18.30	18.50	18.44	18.36		
15	64QAM	1	74	18.17	18.25	18.37	18.35	18.32		
15	64QAM	36	0	17.41	17.43	17.58	17.48	17.49	19	3
15	64QAM	36	20	17.33	17.43	17.54	17.38	17.45		
15	64QAM	36	39	17.24	17.27	17.49	17.40	17.36		
15	64QAM	75	0	17.39	17.37	17.45	17.42	17.39		
15	256QAM	1	0	15.52	15.62	15.70	15.64	15.64	17	5
15	256QAM	1	37	15.45	15.48	15.63	15.56	15.55		
15	256QAM	1	74	15.34	15.44	15.54	15.44	15.46		
15	256QAM	36	0	15.48	15.53	15.65	15.53	15.58	17	5
15	256QAM	36	20	15.51	15.47	15.53	15.48	15.47		
15	256QAM	36	39	15.38	15.41	15.50	15.40	15.47		
15	256QAM	75	0	15.36	15.46	15.57	15.44	15.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	20.51	20.58	20.71	20.56	20.54	22.00	0
10	QPSK	1	25	20.45	20.49	20.57	20.63	20.54		
10	QPSK	1	49	20.36	20.39	20.56	20.41	20.48		
10	QPSK	25	0	19.59	19.54	19.70	19.57	19.55	21	1
10	QPSK	25	12	19.45	19.52	19.58	19.54	19.49		
10	QPSK	25	25	19.36	19.42	19.59	19.40	19.38		
10	QPSK	50	0	19.40	19.53	19.57	19.42	19.49		
10	16QAM	1	0	19.40	19.32	19.53	19.36	19.43	21	1
10	16QAM	1	25	19.24	19.34	19.47	19.34	19.34		
10	16QAM	1	49	19.25	19.28	19.32	19.40	19.19		
10	16QAM	25	0	18.45	18.53	18.62	18.48	18.45	20	2
10	16QAM	25	12	18.45	18.42	18.56	18.49	18.45		
10	16QAM	25	25	18.32	18.42	18.52	18.36	18.43		
10	16QAM	50	0	18.40	18.44	18.50	18.39	18.48		
10	64QAM	1	0	18.42	18.42	18.52	18.40	18.43	20	2
10	64QAM	1	25	18.30	18.28	18.48	18.45	18.31		
10	64QAM	1	49	18.16	18.34	18.38	18.29	18.41		
10	64QAM	25	0	17.41	17.41	17.61	17.45	17.38	19	3
10	64QAM	25	12	17.36	17.42	17.55	17.44	17.46		
10	64QAM	25	25	17.28	17.27	17.46	17.38	17.38		
10	64QAM	50	0	17.35	17.40	17.46	17.43	17.39		
10	256QAM	1	0	15.51	15.62	15.64	15.66	15.57	17	5
10	256QAM	1	25	15.49	15.52	15.61	15.54	15.53		
10	256QAM	1	49	15.36	15.45	15.51	15.44	15.50		
10	256QAM	25	0	15.57	15.52	15.61	15.52	15.58	17	5
10	256QAM	25	12	15.44	15.51	15.55	15.48	15.40		
10	256QAM	25	25	15.36	15.41	15.52	15.36	15.44		
10	256QAM	50	0	15.42	15.45	15.52	15.39	15.43		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2499.5	2546.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	20.49	20.55	20.66	20.62	20.59	22.00	0
5	QPSK	1	12	20.45	20.49	20.63	20.56	20.50		
5	QPSK	1	24	20.41	20.40	20.55	20.36	20.43		
5	QPSK	12	0	19.48	19.42	19.63	19.51	19.63	21	1
5	QPSK	12	7	19.52	19.51	19.55	19.55	19.45		
5	QPSK	12	13	19.36	19.39	19.55	19.34	19.48		
5	QPSK	25	0	19.49	19.52	19.56	19.52	19.45		
5	16QAM	1	0	19.37	19.35	19.44	19.38	19.39	21	1
5	16QAM	1	12	19.28	19.26	19.45	19.34	19.27		
5	16QAM	1	24	19.26	19.22	19.39	19.36	19.26		
5	16QAM	12	0	18.45	18.48	18.59	18.52	18.52	20	2
5	16QAM	12	7	18.38	18.39	18.54	18.49	18.45		
5	16QAM	12	13	18.35	18.39	18.47	18.39	18.44		
5	16QAM	25	0	18.42	18.47	18.58	18.39	18.46		
5	64QAM	1	0	18.36	18.41	18.56	18.44	18.47	20	2
5	64QAM	1	12	18.29	18.31	18.50	18.46	18.35		
5	64QAM	1	24	18.20	18.34	18.46	18.26	18.31		
5	64QAM	12	0	17.41	17.44	17.60	17.41	17.39	19	3
5	64QAM	12	7	17.30	17.46	17.57	17.36	17.45		
5	64QAM	12	13	17.31	17.25	17.40	17.39	17.39		
5	64QAM	25	0	17.39	17.42	17.55	17.38	17.46		
5	256QAM	1	0	15.54	15.63	15.63	15.67	15.59	17	5
5	256QAM	1	12	15.44	15.54	15.69	15.63	15.59		
5	256QAM	1	24	15.34	15.49	15.60	15.44	15.42		
5	256QAM	12	0	15.53	15.52	15.69	15.43	15.56	17	5
5	256QAM	12	7	15.52	15.41	15.55	15.47	15.47		
5	256QAM	12	13	15.35	15.39	15.53	15.40	15.43		
5	256QAM	25	0	15.33	15.40	15.49	15.37	15.45		

Band 41 HPUE Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.57	23.61	23.76	23.74	23.68	25	0
20	QPSK	1	49	23.56	23.61	23.67	23.64	23.53		
20	QPSK	1	99	23.47	23.47	23.70	23.47	23.50		
20	QPSK	50	0	22.65	22.59	22.74	22.63	22.67	24	1
20	QPSK	50	24	22.57	22.62	22.70	22.61	22.49		
20	QPSK	50	50	22.52	22.49	22.67	22.52	22.48		
20	QPSK	100	0	22.56	22.54	22.70	22.61	22.55		
20	16QAM	1	0	22.51	22.51	22.62	22.48	22.51	24	1
20	16QAM	1	49	22.33	22.41	22.52	22.46	22.43		
20	16QAM	1	99	22.37	22.30	22.45	22.42	22.27		
20	16QAM	50	0	21.53	21.64	21.75	21.60	21.50	23	2
20	16QAM	50	24	21.52	21.50	21.68	21.58	21.50		
20	16QAM	50	50	21.47	21.45	21.60	21.49	21.49		
20	16QAM	100	0	21.47	21.62	21.61	21.56	21.59		
20	64QAM	1	0	21.45	21.51	21.59	21.46	21.58	23	2
20	64QAM	1	49	21.41	21.37	21.53	21.53	21.44		
20	64QAM	1	99	21.32	21.42	21.48	21.42	21.41		
20	64QAM	50	0	20.58	20.55	20.62	20.54	20.52	22	3
20	64QAM	50	24	20.42	20.49	20.60	20.46	20.51		
20	64QAM	50	50	20.42	20.39	20.55	20.44	20.43		
20	64QAM	100	0	20.53	20.51	20.64	20.44	20.54		
20	256QAM	1	0	18.57	18.67	18.82	18.68	18.64	20	5
20	256QAM	1	49	18.60	18.64	18.71	18.68	18.66		
20	256QAM	1	99	18.42	18.55	18.64	18.52	18.53		
20	256QAM	50	0	18.58	18.59	18.73	18.52	18.61	20	5
20	256QAM	50	24	18.56	18.53	18.64	18.55	18.50		
20	256QAM	50	50	18.42	18.54	18.56	18.49	18.59		
20	256QAM	100	0	18.48	18.52	18.62	18.46	18.61		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	23.52	23.54	23.63	23.61	23.58	25.00	0
15	QPSK	1	37	23.41	23.46	23.52	23.51	23.39		
15	QPSK	1	74	23.37	23.38	23.63	23.34	23.39		
15	QPSK	36	0	22.60	22.47	22.60	22.53	22.59	24	1
15	QPSK	36	20	22.50	22.53	22.59	22.49	22.43		
15	QPSK	36	39	22.46	22.44	22.62	22.42	22.38		
15	QPSK	75	0	22.43	22.50	22.57	22.52	22.45		
15	16QAM	1	0	22.36	22.41	22.52	22.38	22.35	24	1
15	16QAM	1	37	22.20	22.36	22.40	22.33	22.35		
15	16QAM	1	74	22.26	22.19	22.38	22.32	22.17		
15	16QAM	36	0	21.46	21.51	21.61	21.45	21.43	23	2
15	16QAM	36	20	21.45	21.34	21.55	21.46	21.40		
15	16QAM	36	39	21.34	21.33	21.47	21.37	21.39		
15	16QAM	75	0	21.35	21.47	21.48	21.47	21.45		
15	64QAM	1	0	21.34	21.36	21.46	21.36	21.54	23	2
15	64QAM	1	37	21.32	21.33	21.38	21.47	21.40		
15	64QAM	1	74	21.23	21.33	21.34	21.29	21.27		
15	64QAM	36	0	20.52	20.46	20.51	20.39	20.42	22	3
15	64QAM	36	20	20.37	20.34	20.50	20.32	20.38		
15	64QAM	36	39	20.36	20.34	20.46	20.30	20.38		
15	64QAM	75	0	20.37	20.39	20.55	20.32	20.43		
15	256QAM	1	0	18.45	18.61	18.76	18.60	18.50	20	5
15	256QAM	1	37	18.54	18.49	18.56	18.60	18.57		
15	256QAM	1	74	18.28	18.47	18.56	18.45	18.44		
15	256QAM	36	0	18.42	18.46	18.66	18.48	18.56	20	5
15	256QAM	36	20	18.49	18.46	18.58	18.44	18.45		
15	256QAM	36	39	18.26	18.48	18.50	18.38	18.45		
15	256QAM	75	0	18.34	18.48	18.55	18.38	18.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.51	23.51	23.70	23.69	23.54	25.00	0
10	QPSK	1	25	23.42	23.55	23.57	23.48	23.39		
10	QPSK	1	49	23.32	23.37	23.62	23.40	23.37		
10	QPSK	25	0	22.52	22.52	22.64	22.55	22.54	24	1
10	QPSK	25	12	22.51	22.58	22.56	22.47	22.41		
10	QPSK	25	25	22.44	22.40	22.58	22.47	22.41		
10	QPSK	50	0	22.46	22.41	22.64	22.55	22.47	24	1
10	16QAM	1	0	22.38	22.47	22.55	22.43	22.44		
10	16QAM	1	25	22.21	22.30	22.42	22.36	22.36		
10	16QAM	1	49	22.24	22.19	22.30	22.29	22.12		
10	16QAM	25	0	21.43	21.57	21.59	21.54	21.45	23	2
10	16QAM	25	12	21.36	21.44	21.54	21.48	21.43		
10	16QAM	25	25	21.36	21.33	21.44	21.34	21.34		
10	16QAM	50	0	21.36	21.56	21.46	21.43	21.54		
10	64QAM	1	0	21.30	21.45	21.49	21.38	21.54	23	2
10	64QAM	1	25	21.28	21.24	21.48	21.49	21.40		
10	64QAM	1	49	21.17	21.30	21.38	21.37	21.34		
10	64QAM	25	0	20.45	20.40	20.

Band 42 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.62	20.74	20.67	22	0
20	QPSK	1	49	20.60	20.72	20.64		
20	QPSK	1	99	20.56	20.65	20.52		
20	QPSK	50	0	19.70	19.74	19.70	21	1
20	QPSK	50	24	19.61	19.69	19.60		
20	QPSK	50	50	19.55	19.62	19.53		
20	QPSK	100	0	19.59	19.66	19.53		
20	16QAM	1	0	19.53	19.58	19.47	21	1
20	16QAM	1	49	19.40	19.53	19.42		
20	16QAM	1	99	19.38	19.46	19.37		
20	16QAM	50	0	18.59	18.70	18.61	20	2
20	16QAM	50	24	18.55	18.65	18.53		
20	16QAM	50	50	18.54	18.58	18.55		
20	16QAM	100	0	18.55	18.64	18.54		
20	64QAM	1	0	18.52	18.61	18.51	20	2
20	64QAM	1	49	18.50	18.56	18.49		
20	64QAM	1	99	18.43	18.49	18.43		
20	64QAM	50	0	17.55	17.66	17.54	19	3
20	64QAM	50	24	17.48	17.61	17.48		
20	64QAM	50	50	17.39	17.54	17.45		
20	64QAM	100	0	17.50	17.60	17.55		
20	256QAM	1	0	15.69	15.77	15.68	17	5
20	256QAM	1	49	15.61	15.72	15.68		
20	256QAM	1	99	15.57	15.65	15.57		
20	256QAM	50	0	15.69	15.72	15.57	17	5
20	256QAM	50	24	15.56	15.67	15.59		
20	256QAM	50	50	15.53	15.60	15.47		
20	256QAM	100	0	15.60	15.64	15.58		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.56	20.61	20.54	22	0
15	QPSK	1	37	20.50	20.58	20.55		
15	QPSK	1	74	20.43	20.58	20.47		
15	QPSK	36	0	19.60	19.68	19.65	21	1
15	QPSK	36	20	19.52	19.54	19.54		
15	QPSK	36	39	19.41	19.54	19.46		
15	QPSK	75	0	19.44	19.58	19.44		
15	16QAM	1	0	19.40	19.44	19.33	21	1
15	16QAM	1	37	19.37	19.42	19.29		
15	16QAM	1	74	19.25	19.42	19.28		
15	16QAM	36	0	18.48	18.57	18.46	20	2
15	16QAM	36	20	18.46	18.52	18.38		
15	16QAM	36	39	18.44	18.51	18.46		
15	16QAM	75	0	18.48	18.53	18.43		
15	64QAM	1	0	18.47	18.57	18.44	20	2
15	64QAM	1	37	18.37	18.49	18.38		
15	64QAM	1	74	18.30	18.40	18.35		
15	64QAM	36	0	17.52	17.59	17.47	19	3
15	64QAM	36	20	17.41	17.54	17.41		
15	64QAM	36	39	17.24	17.42	17.35		
15	64QAM	75	0	17.39	17.46	17.47		
15	256QAM	1	0	15.66	15.64	15.61	17	5
15	256QAM	1	37	15.56	15.57	15.60		
15	256QAM	1	74	15.53	15.54	15.49		
15	256QAM	36	0	15.63	15.60	15.45	17	5
15	256QAM	36	20	15.46	15.64	15.49		
15	256QAM	36	39	15.45	15.56	15.38		
15	256QAM	75	0	15.46	15.51	15.54		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.54	20.69	20.56	22	0
10	QPSK	1	25	20.52	20.58	20.50		
10	QPSK	1	49	20.53	20.51	20.38		
10	QPSK	25	0	19.59	19.67	19.55	21	1
10	QPSK	25	12	19.52	19.64	19.56		
10	QPSK	25	25	19.50	19.53	19.40		
10	QPSK	50	0	19.50	19.55	19.48		
10	16QAM	1	0	19.38	19.50	19.43	21	1
10	16QAM	1	25	19.33	19.48	19.29		
10	16QAM	1	49	19.25	19.34	19.32		
10	16QAM	25	0	18.52	18.58	18.52	20	2
10	16QAM	25	12	18.51	18.60	18.44		
10	16QAM	25	25	18.41	18.54	18.40		
10	16QAM	50	0	18.40	18.52	18.40		
10	64QAM	1	0	18.49	18.52	18.40	20	2
10	64QAM	1	25	18.42	18.47	18.37		
10	64QAM	1	49	18.39	18.42	18.36		
10	64QAM	25	0	17.44	17.56	17.40	19	3
10	64QAM	25	12	17.37	17.51	17.43		
10	64QAM	25	25	17.31	17.41	17.35		
10	64QAM	50	0	17.43	17.57	17.41		
10	256QAM	1	0	15.59	15.71	15.60	17	5
10	256QAM	1	25	15.56	15.67	15.58		
10	256QAM	1	49	15.44	15.60	15.44		
10	256QAM	25	0	15.58	15.68	15.54	17	5
10	256QAM	25	12	15.47	15.63	15.48		
10	256QAM	25	25	15.40	15.46	15.39		
10	256QAM	50	0	15.54	15.53	15.43		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.50	20.65	20.62	22	0
5	QPSK	1	12	20.46	20.59	20.54		
5	QPSK	1	24	20.52	20.54	20.43		
5	QPSK	12	0	19.58	19.68	19.64	21	1
5	QPSK	12	7	19.47	19.61	19.47		
5	QPSK	12	13	19.42	19.54	19.39		
5	QPSK	25	0	19.54	19.56	19.45		
5	16QAM	1	0	19.46	19.44	19.37	21	1
5	16QAM	1	12	19.26	19.40	19.38		
5	16QAM	1	24	19.29	19.35	19.23		
5	16QAM	12	0	18.45	18.65	18.57	20	2
5	16QAM	12	7	18.49	18.58	18.49		
5	16QAM	12	13	18.42	18.53	18.50		
5	16QAM	25	0	18.50	18.57	18.50		
5	64QAM	1	0	18.40	18.46	18.38	20	2
5	64QAM	1	12	18.43	18.44	18.39		
5	64QAM	1	24	18.29	18.37	18.32		
5	64QAM	12	0	17.43	17.58	17.45	19	3
5	64QAM	12	7	17.40	17.55	17.44		
5	64QAM	12	13	17.35	17.50	17.34		
5	64QAM	25	0	17.46	17.46	17.44		
5	256QAM	1	0	15.62	15.67	15.59	17	5
5	256QAM	1	12	15.52	15.64	15.53		
5	256QAM	1	24	15.44	15.55	15.50		
5	256QAM	12	0	15.59	15.61	15.53	17	5
5	256QAM	12	7	15.51	15.57	15.48		
5	256QAM	12	13	15.50	15.51	15.43		
5	256QAM	25	0	15.57	15.55	15.51		

Band 42 Part 96 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3690	3675	3690		
20	QPSK	1	0	20.44	20.61	20.51	22	0
20	QPSK	1	49	20.50	20.58	20.54		
20	QPSK	1	99	20.38	20.52	20.41		
20	QPSK	50	0	19.52	19.68	19.53	21	1
20	QPSK	50	24	19.44	19.60	19.57		
20	QPSK	50	50	19.40	19.47	19.41		
20	QPSK	100	0	19.52	19.54	19.44		
20	16QAM	1	0	19.39	19.43	19.37	21	1
20	16QAM	1	49	19.26	19.40	19.37		
20	16QAM	1	99	19.33	19.32	19.23		
20	16QAM	50	0	18.57	18.54	18.57	20	2
20	16QAM	50	24	18.47	18.52	18.48		
20	16QAM	50	50	18.38	18.41	18.48		
20	16QAM	100	0	18.42	18.53	18.40		
20	64QAM	1	0	18.42	18.51	18.34	20	2
20	64QAM	1	49	18.36	18.52	18.36		
20	64QAM	1	99	18.26	18.31	18.32		
20	64QAM	50	0	17.41	17.60	17.50	19	3
20	64QAM	50	24	17.32	17.58	17.41		
20	64QAM	50	50	17.29	17.52	17.39		
20	64QAM	100	0	17.43	17.55	17.43		
20	256QAM	1	0	15.66	15.64	15.63	17	5
20	256QAM	1	49	15.55	15.54	15.52		
20	256QAM	1	99	15.49	15.62	15.42		
20	256QAM	50	0	15.60	15.62	15.52	17	5
20	256QAM	50	24	15.49	15.59	15.50		
20	256QAM	50	50	15.45	15.43	15.43		
20	256QAM	100	0	15.48	15.49	15.51		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3675	3692.5		
15	QPSK	1	0	20.40	20.57	20.38	22	0
15	QPSK	1	37	20.35	20.53	20.40		
15	QPSK	1	74	20.36	20.43	20.37		
15	QPSK	36	0	19.45	19.56	19.46	21	1
15	QPSK	36	20	19.29	19.55	19.45		
15	QPSK	36	39	19.29	19.44	19.39		
15	QPSK	75	0	19.49	19.46	19.37		
15	16QAM	1	0	19.32	19.31	19.33	21	1
15	16QAM	1	37	19.20	19.27	19.35		
15	16QAM	1	74	19.22	19.23	19.15		
15	16QAM	36	0	18.46	18.45	18.52	20	2
15	16QAM	36	20	18.42	18.38	18.45		
15	16QAM	36	39	18.29	18.31	18.35		
15	16QAM	75	0	18.28	18.39	18.27		
15	64QAM	1	0	18.33	18.39	18.28	20	2
15	64QAM	1	37	18.32	18.48	18.24		
15	64QAM	1	74	18.18	18.23	18.24		
15	64QAM	36	0	17.37	17.46	17.36	19	3
15	64QAM	36	20	17.15	17.57	17.30		
15	64QAM	36	39	17.22	17.37	17.26		
15	64QAM	75	0	17.35	17.51	17.39		
15	256QAM	1	0	15.52	15.51	15.58	17	5
15	256QAM	1	37	15.38	15.50	15.41		
15	256QAM	1	74	15.34	15.49	15.37		
15	256QAM	36	0	15.43	15.51	15.50	17	5
15	256QAM	36	20	15.40	15.57	15.47		
15	256QAM	36	39	15.30	15.32	15.37		
15	256QAM	75	0	15.46	15.32	15.46		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3675	3695		
10	QPSK	1	0	20.30	20.59	20.46	22	0
10	QPSK	1	25	20.46	20.52	20.39		
10	QPSK	1	49	20.28	20.35	20.34		
10	QPSK	25	0	19.37	19.56	19.51	21	1
10	QPSK	25	12	19.41	19.46	19.55		
10	QPSK	25	25	19.39	19.34	19.32		
10	QPSK	50	0	19.42	19.48	19.35		
10	16QAM	1	0	19.28	19.31	19.26	21	1
10	16QAM	1	25	19.11	19.26	19.28		
10	16QAM	1	49	19.20	19.17	19.18		
10	16QAM	25	0	18.44	18.46	18.49	20	2
10	16QAM	25	12	18.39	18.36	18.36		
10	16QAM	25	25	18.30	18.24	18.36		
10	16QAM	50	0	18.26	18.37	18.31		
10	64QAM	1	0	18.33	18.42	18.20	20	2
10	64QAM	1	25	18.28	18.45	18.21		
10	64QAM	1	49	18.12	18.29	18.16		
10	64QAM	25	0	17.27	17.48	17.35	19	3
10	64QAM	25	12	17.23	17.43	17.30		
10	64QAM	25	25	17.24	17.44	17.24		
10	64QAM	50	0	17.28	17.45	17.30		
10	256QAM	1	0	15.65	15.51	15.50	17	5
10	256QAM	1	25	15.46	15.46	15.47		
10	256QAM	1	49	15.45	15.58	15.28		
10	256QAM	25	0	15.56	15.49	15.41	17	5
10	256QAM	25	12	15.33	15.46	15.43		
10	256QAM	25	25	15.41	15.38	15.32		
10	256QAM	50	0	15.37	15.45	15.44		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3675	3697.5		
5	QPSK	1	0	20.42	20.59	20.41	22	0
5	QPSK	1	12	20.37	20.56	20.38		
5	QPSK	1	24	20.29	20.50	20.27		
5	QPSK	12	0	19.46	19.55	19.50	21	1
5	QPSK	12	7	19.37	19.45	19.47		
5	QPSK	12	13	19.32	19.40	19.34		
5	QPSK	25	0	19.42	19.48	19.35		
5	16QAM	1	0	19.28	19.27	19.24	21	1
5	16QAM	1	12	19.16	19.24	19.35		
5	16QAM	1	24	19.26	19.28	19.07		
5	16QAM	12	0	18.46	18.37	18.48	20	2
5	16QAM	12	7	18.36	18.35	18.43		
5	16QAM	12	13	18.34	18.37	18.43		
5	16QAM	25	0	18.32	18.51	18.29		
5	64QAM	1	0	18.36	18.42	18.31	20	2
5	64QAM	1	12	18.29	18.36	18.25		
5	64QAM	1	24	18.12	18.18	18.15		
5	64QAM	12	0	17.31	17.48	17.47	19	3
5	64QAM	12	7	17.23	17.47	17.28		
5	64QAM	12	13	17.26	17.39	17.35		
5	64QAM	25	0	17.38	17.51	17.37		
5	256QAM	1	0	15.64	15.54	15.59	17	5
5	256QAM	1	12	15.47	15.41	15.45		
5	256QAM	1	24	15.36	15.53	15.39		
5	256QAM	12	0	15.48	15.49	15.41	17	5
5	256QAM	12	7	15.37	15.53	15.35		
5	256QAM	12	13	15.33	15.29	15.41		
5	256QAM	25	0	15.35	15.38	15.47		

Band 43 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	20.63	20.67	20.55	22	0
20	QPSK	1	49	20.58	20.62	20.52		
20	QPSK	1	99	20.40	20.55	20.44		
20	QPSK	50	0	19.49	19.59	19.47	21	1
20	QPSK	50	24	19.41	19.54	19.49		
20	QPSK	50	50	19.38	19.47	19.41		
20	QPSK	100	0	19.49	19.53	19.45		
20	16QAM	1	0	19.34	19.47	19.41	21	1
20	16QAM	1	49	19.29	19.42	19.33		
20	16QAM	1	99	19.28	19.35	19.24		
20	16QAM	50	0	18.47	18.51	18.37	20	2
20	16QAM	50	24	18.37	18.46	18.40		
20	16QAM	50	50	18.25	18.39	18.24		
20	16QAM	100	0	18.31	18.46	18.38		
20	64QAM	1	0	18.38	18.43	18.36	20	2
20	64QAM	1	49	18.29	18.38	18.34		
20	64QAM	1	99	18.18	18.31	18.23		
20	64QAM	50	0	17.32	17.44	17.36	19	3
20	64QAM	50	24	17.25	17.39	17.28		
20	64QAM	50	50	17.18	17.32	17.25		
20	64QAM	100	0	17.34	17.41	17.29		
20	256QAM	1	0	15.40	15.52	15.44	17	5
20	256QAM	1	49	15.34	15.47	15.40		
20	256QAM	1	99	15.37	15.40	15.32		
20	256QAM	50	0	15.37	15.45	15.33	17	5
20	256QAM	50	24	15.26	15.40	15.32		
20	256QAM	50	50	15.25	15.33	15.29		
20	256QAM	100	0	15.33	15.38	15.27		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	20.57	20.64	20.40	22	0
15	QPSK	1	37	20.45	20.51	20.47		
15	QPSK	1	74	20.30	20.50	20.34		
15	QPSK	36	0	19.35	19.55	19.34	21	1
15	QPSK	36	20	19.28	19.41	19.38		
15	QPSK	36	39	19.32	19.41	19.27		
15	QPSK	75	0	19.37	19.39	19.39		
15	16QAM	1	0	19.27	19.42	19.37	21	1
15	16QAM	1	37	19.17	19.36	19.20		
15	16QAM	1	74	19.14	19.29	19.19		
15	16QAM	36	0	18.37	18.38	18.30	20	2
15	16QAM	36	20	18.28	18.40	18.31		
15	16QAM	36	39	18.19	18.27	18.15		
15	16QAM	75	0	18.28	18.32	18.31		
15	64QAM	1	0	18.33	18.33	18.23	20	2
15	64QAM	1	37	18.21	18.32	18.21		
15	64QAM	1	74	18.11	18.28	18.17		
15	64QAM	36	0	17.28	17.35	17.33	19	3
15	64QAM	36	20	17.18	17.26	17.18		
15	64QAM	36	39	17.10	17.18	17.16		
15	64QAM	75	0	17.27	17.28	17.24		
15	256QAM	1	0	15.26	15.44	15.31	17	5
15	256QAM	1	37	15.30	15.36	15.32		
15	256QAM	1	74	15.33	15.29	15.20		
15	256QAM	36	0	15.26	15.37	15.22	17	5
15	256QAM	36	20	15.20	15.33	15.24		
15	256QAM	36	39	15.18	15.19	15.17		
15	256QAM	75	0	15.22	15.31	15.14		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	20.49	20.56	20.52	22	0
10	QPSK	1	25	20.45	20.55	20.45		
10	QPSK	1	49	20.25	20.46	20.33		
10	QPSK	25	0	19.42	19.50	19.43	21	1
10	QPSK	25	12	19.27	19.43	19.37		
10	QPSK	25	25	19.26	19.43	19.37		
10	QPSK	50	0	19.40	19.48	19.34		
10	16QAM	1	0	19.25	19.37	19.36	21	1
10	16QAM	1	25	19.20	19.28	19.26		
10	16QAM	1	49	19.20	19.20	19.16		
10	16QAM	25	0	18.35	18.47	18.23	20	2
10	16QAM	25	12	18.31	18.38	18.35		
10	16QAM	25	25	18.14	18.32	18.13		
10	16QAM	50	0	18.26	18.39	18.29		
10	64QAM	1	0	18.25	18.39	18.28	20	2
10	64QAM	1	25	18.22	18.28	18.24		
10	64QAM	1	49	18.06	18.23	18.11		
10	64QAM	25	0	17.20	17.35	17.25	19	3
10	64QAM	25	12	17.19	17.31	17.25		
10	64QAM	25	25	17.12	17.19	17.22		
10	64QAM	50	0	17.27	17.37	17.22		
10	256QAM	1	0	15.30	15.41	15.38	17	5
10	256QAM	1	25	15.24	15.36	15.27		
10	256QAM	1	49	15.30	15.25	15.23		
10	256QAM	25	0	15.31	15.31	15.29	17	5
10	256QAM	25	12	15.12	15.29	15.22		
10	256QAM	25	25	15.10	15.22	15.25		
10	256QAM	50	0	15.23	15.31	15.17		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	20.55	20.58	20.51	22	0
5	QPSK	1	12	20.51	20.57	20.44		
5	QPSK	1	24	20.35	20.51	20.36		
5	QPSK	12	0	19.35	19.45	19.32	21	1
5	QPSK	12	7	19.34	19.40	19.40		
5	QPSK	12	13	19.25	19.41	19.32		
5	QPSK	25	0	19.41	19.44	19.36		
5	16QAM	1	0	19.28	19.41	19.29	21	1
5	16QAM	1	12	19.21	19.36	19.29		
5	16QAM	1	24	19.25	19.23	19.20		
5	16QAM	12	0	18.41	18.37	18.24	20	2
5	16QAM	12	7	18.23	18.41	18.30		
5	16QAM	12	13	18.16	18.28	18.13		
5	16QAM	25	0	18.20	18.32	18.29		
5	64QAM	1	0	18.32	18.32	18.28	20	2
5	64QAM	1	12	18.18	18.28	18.29		
5	64QAM	1	24	18.12	18.25	18.09		
5	64QAM	12	0	17.20	17.33	17.23	19	3
5	64QAM	12	7	17.15	17.26	17.14		
5	64QAM	12	13	17.05	17.21	17.15		
5	64QAM	25	0	17.24	17.26	17.20		
5	256QAM	1	0	15.34	15.48	15.36	17	5
5	256QAM	1	12	15.29	15.34	15.26		
5	256QAM	1	24	15.25	15.36	15.22		
5	256QAM	12	0	15.26	15.35	15.22	17	5
5	256QAM	12	7	15.22	15.25	15.24		
5	256QAM	12	13	15.12	15.23	15.19		
5	256QAM	25	0	15.27	15.24	15.24		

Band 48 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3590	3639	3641	3690		
20	QPSK	1	0	20.72	20.84	20.71	20.67	22	0
20	QPSK	1	49	20.71	20.79	20.67	20.62		
20	QPSK	1	99	20.69	20.72	20.59	20.58		
20	QPSK	50	0	20.51	20.64	20.54	20.56	21	1
20	QPSK	50	24	20.55	20.59	20.49	20.55		
20	QPSK	50	50	20.43	20.52	20.42	20.39		
20	QPSK	100	0	20.56	20.61	20.54	20.52		
20	16QAM	1	0	20.49	20.59	20.53	20.45	21	1
20	16QAM	1	49	20.49	20.54	20.47	20.43		
20	16QAM	1	99	20.43	20.47	20.35	20.41		
20	16QAM	50	0	19.51	19.63	19.60	19.54	20	2
20	16QAM	50	24	19.54	19.58	19.52	19.44		
20	16QAM	50	50	19.46	19.51	19.41	19.48		
20	16QAM	100	0	19.46	19.58	19.51	19.55		
20	64QAM	1	0	19.49	19.60	19.54	19.45	20	2
20	64QAM	1	49	19.45	19.55	19.41	19.43		
20	64QAM	1	99	19.36	19.48	19.41	19.40		
20	64QAM	50	0	18.70	18.73	18.67	18.69	19	3
20	64QAM	50	24	18.54	18.68	18.64	18.58		
20	64QAM	50	50	18.51	18.61	18.56	18.52		
20	64QAM	100	0	18.61	18.69	18.56	18.56		
20	256QAM	1	0	16.69	16.74	16.61	16.66	17	5
20	256QAM	1	49	16.66	16.69	16.61	16.65		
20	256QAM	1	99	16.52	16.62	16.48	16.53		
20	256QAM	50	0	16.60	16.66	16.57	16.63	17	5
20	256QAM	50	24	16.52	16.61	16.54	16.55		
20	256QAM	50	50	16.39	16.54	16.41	16.44		
20	256QAM	100	0	16.57	16.61	16.50	16.55		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3587.5	3638	3642	3692.5		
15	QPSK	1	0	20.71	20.77	20.62	20.59	22	0
15	QPSK	1	37	20.60	20.69	20.60	20.51		
15	QPSK	1	74	20.60	20.62	20.55	20.49		
15	QPSK	36	0	20.48	20.50	20.48	20.47	21	1
15	QPSK	36	20	20.44	20.49	20.45	20.40		
15	QPSK	36	39	20.33	20.40	20.33	20.32		
15	QPSK	75	0	20.42	20.55	20.43	20.46		
15	16QAM	1	0	20.44	20.55	20.44	20.32	21	1
15	16QAM	1	37	20.40	20.50	20.35	20.36		
15	16QAM	1	74	20.34	20.39	20.21	20.28		
15	16QAM	36	0	19.46	19.51	19.45	19.46	20	2
15	16QAM	36	20	19.48	19.51	19.47	19.30		
15	16QAM	36	39	19.39	19.40	19.26	19.41		
15	16QAM	75	0	19.36	19.51	19.36	19.48		
15	64QAM	1	0	19.36	19.53	19.49	19.33	20	2
15	64QAM	1	37	19.41	19.45	19.33	19.36		
15	64QAM	1	74	19.26	19.41	19.29	19.30		
15	64QAM	36	0	18.55	18.67	18.56	18.59	19	3
15	64QAM	36	20	18.47	18.61	18.61	18.51		
15	64QAM	36	39	18.36	18.58	18.49	18.38		
15	64QAM	75	0	18.54	18.54	18.47	18.44		
15	256QAM	1	0	16.61	16.62	16.57	16.56	17	5
15	256QAM	1	37	16.60	16.65	16.47	16.56		
15	256QAM	1	74	16.42	16.48	16.37	16.44		
15	256QAM	36	0	16.52	16.62	16.54	16.58	17	5
15	256QAM	36	20	16.38	16.50	16.49	16.47		
15	256QAM	36	39	16.36	16.48	16.34	16.35		
15	256QAM	75	0	16.50	16.47	16.43	16.50		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3637.5	3642.5	3695		
10	QPSK	1	0	20.72	20.73	20.64	20.61	22	0
10	QPSK	1	25	20.65	20.66	20.59	20.52		
10	QPSK	1	49	20.59	20.60	20.54	20.52		
10	QPSK	25	0	20.38	20.61	20.47	20.44	21	1
10	QPSK	25	12	20.44	20.56	20.45	20.51		
10	QPSK	25	25	20.37	20.37	20.38	20.29		
10	QPSK	50	0	20.53	20.48	20.50	20.40		
10	16QAM	1	0	20.44	20.51	20.39	20.37	21	1
10	16QAM	1	25	20.40	20.46	20.35	20.33		
10	16QAM	1	49	20.31	20.38	20.29	20.28		
10	16QAM	25	0	19.38	19.50	19.51	19.42	20	2
10	16QAM	25	12	19.41	19.45	19.37	19.37		
10	16QAM	25	25	19.42	19.38	19.28	19.38		
10	16QAM	50	0	19.40	19.47	19.43	19.47		
10	64QAM	1	0	19.42	19.46	19.44	19.38	20	2
10	64QAM	1	25	19.35	19.44	19.35	19.36		
10	64QAM	1	49	19.27	19.33	19.27	19.31		
10	64QAM	25	0	18.64	18.60	18.61	18.62	19	3
10	64QAM	25	12	18.49	18.64	18.54	18.51		
10	64QAM	25	25	18.37	18.48	18.49	18.44		
10	64QAM	50	0	18.47	18.58	18.48	18.50		
10	256QAM	1	0	16.65	16.61	16.58	16.55	17	5
10	256QAM	1	25	16.63	16.58	16.51	16.51		
10	256QAM	1	49	16.40	16.50	16.45	16.41		
10	256QAM	25	0	16.49	16.58	16.42	16.49	17	5
10	256QAM	25	12	16.45	16.51	16.46	16.44		
10	256QAM	25	25	16.36	16.43	16.30	16.31		
10	256QAM	50	0	16.51	16.54	16.43	16.45		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3582.5	3637	3643	3697.5		
5	QPSK	1	0	20.73	20.81	20.57	20.61	22	0
5	QPSK	1	12	20.62	20.64	20.57	20.51		
5	QPSK	1	24	20.60	20.61	20.50	20.51		
5	QPSK	12	0	20.42	20.53	20.48	20.47	21	1
5	QPSK	12	7	20.47	20.52	20.42	20.48		
5	QPSK	12	13	20.31	20.40	20.35	20.34		
5	QPSK	25	0	20.44	20.57	20.44	20.43		
5	16QAM	1	0	20.36	20.46	20.39	20.34	21	1
5	16QAM	1	12	20.39	20.41	20.43	20.30		
5	16QAM	1	24	20.28	20.39	20.24	20.27		
5	16QAM	12	0	19.39	19.54	19.53	19.47	20	2
5	16QAM	12	7	19.40	19.55	19.45	19.34		
5	16QAM	12	13	19.39	19.40	19.31	19.34		
5	16QAM	25	0	19.42	19.48	19.42	19.43		
5	64QAM	1	0	19.35	19.51	19.42	19.40	20	2
5	64QAM	1	12	19.39	19.41	19.34	19.30		
5	64QAM	1	24	19.27	19.37	19.37	19.29		
5	64QAM	12	0	18.56	18.68	18.53	18.55	19	3
5	64QAM	12	7	18.48	18.61	18.58	18.53		
5	64QAM	12	13	18.46	18.56	18.50	18.46		
5	64QAM	25	0	18.47	18.57	18.50	18.42		
5	256QAM	1	0	16.56	16.66	16.56	16.56	17	5
5	256QAM	1	12	16.60	16.65	16.54	16.55		
5	256QAM	1	24	16.45	16.51	16.40	16.38		
5	256QAM	12	0	16.47	16.60	16.54	16.57	17	5
5	256QAM	12	7	16.48	16.53	16.43	16.51		
5	256QAM	12	13	16.30	16.45	16.27	16.32		
5	256QAM	25	0	16.53	16.49	16.44	16.45		

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	32.34	32.26	33.50	23.18	23.34	23.26	24.50
GPRS 1 Tx slot	32.23	32.38	32.30	33.50	23.23	23.38	23.30	24.50
GPRS 2 Tx slots	29.48	29.52	29.41	30.50	23.48	23.52	23.41	24.50
GPRS 3 Tx slots	27.74	27.85	27.79	29.00	23.48	23.59	23.53	24.74
GPRS 4 Tx slots	26.27	26.35	26.27	27.00	23.27	23.35	23.27	24.00
EDGE 1 Tx slot	25.13	25.18	25.08	26.00	16.13	16.18	16.08	17.00
EDGE 2 Tx slots	23.21	23.35	23.21	25.00	17.21	17.35	17.21	19.00
EDGE 3 Tx slots	22.19	22.30	22.27	24.00	17.93	18.04	18.01	19.74
EDGE 4 Tx slots	20.02	20.14	20.07	21.00	17.02	17.14	17.07	18.00

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	29.81	29.93	29.89	30.00	20.81	20.93	20.89	21.00
GPRS 1 Tx slot	29.85	29.97	29.93	30.00	20.85	20.97	20.93	21.00
GPRS 2 Tx slots	25.58	25.62	25.50	27.00	19.58	19.62	19.50	21.00
GPRS 3 Tx slots	23.66	23.69	23.61	25.50	19.40	19.43	19.35	21.24
GPRS 4 Tx slots	21.31	21.41	21.28	22.50	18.31	18.41	18.28	19.50
EDGE 1 Tx slot	23.45	23.54	23.51	25.00	14.45	14.54	14.51	16.00
EDGE 2 Tx slots	21.84	21.91	21.79	23.50	15.84	15.91	15.79	17.50
EDGE 3 Tx slots	20.63	20.69	20.56	22.50	16.37	16.43	16.30	18.24
EDGE 4 Tx slots	18.56	18.66	18.62	20.50	15.56	15.66	15.62	17.50

Band		WCDMA IV ANT1			Tune-up Limit (dBm)	WCDMA V ANT1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		4132	4182	4233	
Rx Channel		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1712.4	1732.8	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.87	21.75	21.70	23.10	22.40	22.46	22.30	24.00
3GPP Rel 99	RMC 12.2Kbps	21.85	21.90	21.84	23.10	22.43	22.49	22.37	24.00
3GPP Rel 6	HSDPA Subtest-1	20.94	21.05	20.90	22.10	21.55	21.60	21.37	23.00
3GPP Rel 6	HSDPA Subtest-2	20.91	20.86	20.82	22.10	21.47	21.50	21.47	23.00
3GPP Rel 6	HSDPA Subtest-3	20.21	20.42	20.39	21.60	20.86	21.05	21.00	22.50
3GPP Rel 6	HSDPA Subtest-4	20.34	20.49	20.39	21.60	20.85	21.15	20.90	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.87	21.17	20.74	22.10	21.47	21.68	21.28	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.84	20.88	20.62	22.10	21.42	21.42	21.34	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.47	20.36	20.30	21.60	21.02	20.85	20.93	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.22	20.18	20.38	21.60	20.82	20.75	20.99	22.50
3GPP Rel 6	HSUPA Subtest-1	20.88	21.01	21.10	22.10	21.51	21.56	21.61	23.00
3GPP Rel 6	HSUPA Subtest-2	18.83	18.95	18.82	20.10	19.41	19.49	19.39	21.00
3GPP Rel 6	HSUPA Subtest-3	19.86	19.91	19.81	21.10	20.54	20.48	20.44	22.00
3GPP Rel 6	HSUPA Subtest-4	18.82	18.87	18.88	20.10	19.37	19.45	19.37	21.00
3GPP Rel 6	HSUPA Subtest-5	21.09	20.70	20.78	22.10	21.58	21.32	21.38	23.00

Band 4 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.30	21.36	21.27	22	0
20	QPSK	1	49	21.11	21.25	21.16		
20	QPSK	1	99	21.08	21.22	21.27		
20	QPSK	50	0	21.12	21.33	21.16		
20	QPSK	50	24	21.09	21.15	21.02	22	0
20	QPSK	50	50	20.97	21.16	21.04		
20	QPSK	100	0	21.18	21.31	21.18		
20	16QAM	1	0	21.14	21.21	21.05		
20	16QAM	1	49	20.92	21.00	21.11	22	0
20	16QAM	1	99	21.11	21.28	21.06		
20	16QAM	50	0	19.49	19.67	19.49		
20	16QAM	50	24	19.47	19.61	19.58	21	1
20	16QAM	50	50	19.56	19.59	19.56		
20	16QAM	100	0	19.45	19.54	19.53		
20	64QAM	1	0	19.44	19.56	19.37		
20	64QAM	1	49	19.41	19.47	19.44	21	1
20	64QAM	1	99	19.39	19.34	19.33		
20	64QAM	50	0	18.52	18.55	18.49		
20	64QAM	50	24	18.53	18.55	18.51	20	2
20	64QAM	50	50	18.47	18.50	18.45		
20	64QAM	100	0	18.39	18.42	18.50		
20	256QAM	1	0	16.44	16.60	16.56		
20	256QAM	1	49	16.51	16.59	16.54	18	4
20	256QAM	1	99	16.41	16.49	16.41		
20	256QAM	50	0	16.55	16.57	16.60		
20	256QAM	50	24	16.49	16.62	16.37	18	4
20	256QAM	50	50	16.41	16.44	16.26		
20	256QAM	100	0	16.43	16.56	16.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.24	21.25	21.12	22	0
15	QPSK	1	37	20.94	21.12	21.11		
15	QPSK	1	74	20.93	21.10	21.16		
15	QPSK	36	0	21.06	21.24	20.97		
15	QPSK	36	20	20.92	21.08	20.97	22	0
15	QPSK	36	39	20.88	21.01	20.96		
15	QPSK	75	0	20.99	21.22	21.00		
15	16QAM	1	0	21.01	21.08	20.89		
15	16QAM	1	37	20.74	20.91	20.96	22	0
15	16QAM	1	74	20.94	21.24	20.96		
15	16QAM	36	0	19.38	19.50	19.39		
15	16QAM	36	20	19.40	19.55	19.46	21	1
15	16QAM	36	39	19.42	19.52	19.52		
15	16QAM	75	0	19.28	19.42	19.39		
15	64QAM	1	0	19.28	19.40	19.28		
15	64QAM	1	37	19.30	19.37	19.39	21	1
15	64QAM	1	74	19.21	19.29	19.29		
15	64QAM	36	0	18.33	18.40	18.37		
15	64QAM	36	20	18.35	18.38	18.42	20	2
15	64QAM	36	39	18.31	18.41	18.39		
15	64QAM	75	0	18.24	18.26	18.37		
15	256QAM	1	0	16.34	16.51	16.39		
15	256QAM	1	37	16.46	16.50	16.36	18	4
15	256QAM	1	74	16.35	16.42	16.29		
15	256QAM	36	0	16.48	16.50	16.55		
15	256QAM	36	20	16.34	16.56	16.29	18	4
15	256QAM	36	39	16.37	16.36	16.18		
15	256QAM	75	0	16.30	16.44	16.21		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.20	21.20	21.10	22	0
10	QPSK	1	25	20.99	21.05	21.11		
10	QPSK	1	49	20.95	21.03	21.11		
10	QPSK	25	0	20.93	21.14	20.96		
10	QPSK	25	12	20.95	21.01	20.94	22	0
10	QPSK	25	25	20.81	21.02	20.96		
10	QPSK	50	0	21.07	21.26	21.06		
10	16QAM	1	0	21.05	21.06	20.88		
10	16QAM	1	25	20.73	20.87	20.94	22	0
10	16QAM	1	49	20.96	21.09	20.87		
10	16QAM	25	0	19.41	19.59	19.31		
10	16QAM	25	12	19.42	19.56	19.50	21	1
10	16QAM	25	25	19.48	19.52	19.39		
10	16QAM	50	0	19.28	19.35	19.42		
10	64QAM	1	0	19.30	19.52	19.31		
10	64QAM	1	25	19.26	19.40	19.36	21	1
10	64QAM	1	49	19.21	19.22	19.24		
10	64QAM	25	0	18.41	18.40	18.41		
10	64QAM	25	12	18.35	18.45	18.33	20	2
10	64QAM	25	25	18.36	18.36	18.36		
10	64QAM	50	0	18.26	18.35	18.34		
10	256QAM	1	0	16.30	16.55	16.44		
10	256QAM	1	25	16.43	16.45	16.39	18	4
10	256QAM	1	49	16.34	16.35	16.36		
10	256QAM	25	0	16.48	16.41	16.50		
10	256QAM	25	12	16.41	16.41	16.20	18	4
10	256QAM	25	25	16.29	16.33	16.18		
10	256QAM	50	0	16.35	16.41	16.31		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.10	21.16	21.13	22	0
5	QPSK	1	12	21.01	21.05	21.04		
5	QPSK	1	24	20.91	21.02	21.13		
5	QPSK	12	0	20.99	21.19	21.04		
5	QPSK	12	7	20.99	21.09	20.87	22	0
5	QPSK	12	13	20.87	21.05	20.99		
5	QPSK	25	0	21.03	21.15	21.09		
5	16QAM	1	0	21.00	21.10	20.99		
5	16QAM	1	12	20.75	20.87	20.93	22	0
5	16QAM	1	24	21.01	21.15	20.89		
5	16QAM	12	0	19.36	19.58	19.38		
5	16QAM	12	7	19.30	19.41	19.40	21	1
5	16QAM	12	13	19.50	19.51	19.42		
5	16QAM	25	0	19.31	19.44	19.46		
5	64QAM	1	0	19.26	19.39	19.18		
5	64QAM	1	12	19.22	19.30	19.25	21	1
5	64QAM	1	24	19.32	19.38	19.25		
5	64QAM	12	0	18.39	18.50	18.32		
5	64QAM	12	7	18.39	18.51	18.43	20	2
5	64QAM	12	13	18.41	18.38	18.32		
5	64QAM	25	0	18.20	18.38	18.30		
5	256QAM	1	0	16.31	16.43	16.37		
5	256QAM	1	12	16.46	16.44	16.47	18	4
5	256QAM	1	24	16.26	16.33	16.24		
5	256QAM	12	0	16.43	16.41	16.44		
5	256QAM	12	7	16.43	16.46	16.24	18	4
5	256QAM	12	13	16.27	16.32	16.20		
5	256QAM	25	0	16.37	16.37	16.22		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.20	21.22	21.19	22	0
3	QPSK	1	8	20.97	21.14	21.02		
3	QPSK	1	14	20.98	21.11	21.21		
3	QPSK	8	0	21.03	21.28	20.97		
3	QPSK	8	4	20.98	21.02	20.88	22	0
3	QPSK	8	7	20.83	21.09	20.98		
3	QPSK	15	0	21.04	21.13	21.08		
3	16QAM	1	0	21.04	21.02	20.87		
3	16QAM	1	8	20.85	20.93	20.98	22	0
3	16QAM	1	14	21.01	21.16	20.99		
3	16QAM	8	0	19.40	19.58	19.30		
3	16QAM	8	4	19.41	19.47	19.45	21	1
3	16QAM	8	7	19.50	19.47	19.46		
3	16QAM	15	0	19.37	19.34	19.46		
3	64QAM	1	0	19.25	19.49	19.28		
3	64QAM	1	8	19.29	19.34	19.31	21	1
3	64QAM	1	14	19.23	19.14	19.15		
3	64QAM	8	0	18.39	18.49	18.30		
3	64QAM	8	4	18.38	18.35	18.43	20	2
3	64QAM	8	7	18.35	18.40	18.28		
3	64QAM	15	0	18.21	18.30	18.33		
3	256QAM	1	0	16.28	16.43	16.38		
3	256QAM	1	8	16.43	16.45	16.39	18	4
3	256QAM	1	14	16.30	16.33	16.30		
3	256QAM	8	0	16.44	16.46	16.53		
3	256QAM	8	4	16.37	16.52	16.26	18	4
3	256QAM	8	7	16.29	16.37	16.18		
3	256QAM	15	0	16.36	16.48	16.32		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.22	21.20	21.17	22	0
1.4	QPSK	1	3	21.17	21.31	21.08		
1.4	QPSK	1	5	21.04	21.16	21.13		
1.4	QPSK	3	0	21.14	21.11	21.03		
1.4	QPSK	3	1	21.01	21.09	20.92		
1.4	QPSK	3	3	21.00	21.01	21.04		
1.4	QPSK	6	0	21.10	21.14	21.09	22	0
1.4	16QAM	1	0	21.08	21.08	20.93	22	0
1.4	16QAM	1	3	20.79	20.93	21.10		
1.4	16QAM	1	5	21.14	21.02	20.88		
1.4	16QAM	3	0	21.05	20.94	20.88		
1.4	16QAM	3	1	20.76	20.78	21.08		
1.4	16QAM	3	3	21.08	20.89	20.89		
1.4	16QAM	6	0	19.50	19.57	19.48	21	1
1.4	64QAM	1	0	19.18	19.45	19.38	21	1
1.4	64QAM	1	3	19.41	19.44	19.34		
1.4	64QAM	1	5	19.26	19.39	19.25		
1.4	64QAM	3	0	19.13	19.34	19.23		
1.4	64QAM	3	1	19.23	19.42	19.28		
1.4	64QAM	3	3	19.24	19.20	19.20		
1.4	64QAM	6	0	18.20	18.45	18.34	20	2
1.4	256QAM	1	0	16.33	16.45	16.37	18	4
1.4	256QAM	1	3	16.58	16.49	16.44		
1.4	256QAM	1	5	16.32	16.31	16.32		
1.4	256QAM	3	0	16.46	16.43	16.37		
1.4	256QAM	3	1	16.47	16.39	16.30		
1.4	256QAM	3	3	16.32	16.42	16.34		
1.4	256QAM	6	0	16.27	16.56	16.28	18	4

Band 5 Ant 1

BW [MHz]	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	21.31	21.26	22	0
10	QPSK	1	25	21.16	21.28	21.20		
10	QPSK	1	49	21.08	21.15	21.12		
10	QPSK	25	0	20.29	20.34	20.23		
10	QPSK	25	12	20.21	20.29	20.16	21	1
10	QPSK	25	25	20.15	20.22	20.17		
10	QPSK	50	0	20.15	20.28	20.15		
10	16QAM	1	0	20.13	20.21	20.08		
10	16QAM	1	25	20.01	20.16	20.13	21	1
10	16QAM	1	49	20.03	20.09	20.00		
10	16QAM	25	0	19.30	19.42	19.30		
10	16QAM	25	12	19.30	19.37	19.32	20	2
10	16QAM	25	25	19.26	19.30	19.23		
10	16QAM	50	0	19.26	19.37	19.27		
10	64QAM	1	0	19.22	19.33	19.24		
10	64QAM	1	25	19.16	19.28	19.21	20	2
10	64QAM	1	49	19.09	19.21	19.08		
10	64QAM	25	0	18.37	18.44	18.36		
10	64QAM	25	12	18.26	18.39	18.31	19	3
10	64QAM	25	25	18.26	18.32	18.17		
10	64QAM	50	0	18.36	18.40	18.30		
10	256QAM	1	0	16.37	16.47	16.32		
10	256QAM	1	25	16.30	16.42	16.30	17	5
10	256QAM	1	49	16.24	16.35	16.27		
10	256QAM	25	0	16.36	16.42	16.33		
10	256QAM	25	12	16.31	16.37	16.30	17	5
10	256QAM	25	25	16.15	16.30	16.21		
10	256QAM	50	0	16.28	16.35	16.22		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.11	21.24	21.22	22	0
5	QPSK	1	12	21.07	21.16	21.05		
5	QPSK	1	24	20.99	21.04	21.08		
5	QPSK	12	0	20.20	20.31	20.10		
5	QPSK	12	7	20.18	20.15	20.12	21	1
5	QPSK	12	13	20.09	20.15	20.09		
5	QPSK	25	0	20.03	20.21	20.05		
5	16QAM	1	0	20.07	20.13	20.03		
5	16QAM	1	12	19.88	20.04	20.06	21	1
5	16QAM	1	24	19.93	20.02	19.96		
5	16QAM	12	0	19.21	19.35	19.19		
5	16QAM	12	7	19.22	19.29	19.19	20	2
5	16QAM	12	13	19.23	19.26	19.17		
5	16QAM	25	0	19.11	19.23	19.13		
5	64QAM	1	0	19.21	19.23	19.21		
5	64QAM	1	12	19.03	19.16	19.13	20	2
5	64QAM	1	24	19.00	19.16	18.94		
5	64QAM	12	0	18.33	18.34	18.28		
5	64QAM	12	7	18.11	18.36	18.18	19	3
5	64QAM	12	13	18.20	18.22	18.03		
5	64QAM	25	0	18.29	18.35	18.16		
5	256QAM	1	0	16.24	16.39	16.26		
5	256QAM	1	12	16.20	16.27	16.23	17	5
5	256QAM	1	24	16.20	16.29	16.20		
5	256QAM	12	0	16.31	16.32	16.27		
5	256QAM	12	7	16.25	16.24	16.24	17	5
5	256QAM	12	13	16.09	16.19	16.12		
5	256QAM	25	0	16.15	16.20	16.12		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.16	21.27	21.16	22	0
3	QPSK	1	8	21.11	21.21	21.09		
3	QPSK	1	14	20.95	21.00	21.03		
3	QPSK	8	0	20.24	20.29	20.18		
3	QPSK	8	4	20.13	20.25	20.09	21	1
3	QPSK	8	7	20.06	20.15	20.11		
3	QPSK	15	0	20.01	20.19	20.02		
3	16QAM	1	0	20.00	20.17	19.95		
3	16QAM	1	8	19.90	20.06	20.10	21	1
3	16QAM	1	14	19.88	19.99	19.89		
3	16QAM	8	0	19.26	19.33	19.19		
3	16QAM	8	4	19.26	19.23	19.19	20	2
3	16QAM	8	7	19.12	19.18	19.10		
3	16QAM	15	0	19.15	19.25	19.20		
3	64QAM	1	0	19.18	19.29	19.11		
3	64QAM	1	8	19.02	19.17	19.15	20	2
3	64QAM	1	14	19.00	19.18	18.97		
3	64QAM	8	0	18.32	18.38	18.29		
3	64QAM	8	4	18.14	18.30	18.19	19	3
3	64QAM	8	7	18.12	18.22	18.14		
3	64QAM	15	0	18.31	18.25	18.20		
3	256QAM	1	0	16.23	16.35	16.21		
3	256QAM	1	8	16.18	16.34	16.27	17	5
3	256QAM	1	14	16.13	16.30	16.14		
3	256QAM	8	0	16.23	16.37	16.27		
3	256QAM	8	4	16.09	16.27	16.18	17	5
3	256QAM	8	7	16.03	16.19	16.12		
3	256QAM	15	0	16.20	16.31	16.14		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.14	21.17	21.23	22	0
1.4	QPSK	1	3	21.11	21.18	21.16		
1.4	QPSK	1	5	21.00	21.12	20.98		
1.4	QPSK	3	0	21.09	21.11	21.06		
1.4	QPSK	3	1	21.08	21.01	20.96		
1.4	QPSK	3	3	20.85	20.95	20.94		
1.4	QPSK	6	0	20.24	20.28	20.18	21	1
1.4	16QAM	1	0	20.09	20.26	20.09	21	1
1.4	16QAM	1	3	20.09	20.09	20.12		
1.4	16QAM	1	5	20.05	20.22	20.05		
1.4	16QAM	3	0	20.02	20.08	19.96		
1.4	16QAM	3	1	19.97	20.09	20.07		
1.4	16QAM	3	3	19.97	20.00	19.93		
1.4	16QAM	6	0	19.20	19.36	19.23	20	2
1.4	64QAM	1	0	19.17	19.32	19.17	20	2
1.4	64QAM	1	3	19.14	19.16	19.15		
1.4	64QAM	1	5	18.98	19.13	19.20		
1.4	64QAM	3	0	19.17	19.25	19.16		
1.4	64QAM	3	1	19.13	19.13	19.06		
1.4	64QAM	3	3	18.98	19.09	18.97		
1.4	64QAM	6	0	18.26	18.38	18.27	19	3
1.4	256QAM	1	0	16.33	16.37	16.27	17	5
1.4	256QAM	1	3	16.23	16.33	16.21		
1.4	256QAM	1	5	16.20	16.21	16.15		
1.4	256QAM	3	0	16.24	16.32	16.21		
1.4	256QAM	3	1	16.27	16.27	16.26		
1.4	256QAM	3	3	16.00	16.27	16.13		
1.4	256QAM	6	0	16.14	16.23	16.16	17	5

Band 7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.95	20.03	19.91	21.4	0
20	QPSK	1	49	19.86	19.95	19.75		
20	QPSK	1	99	19.77	19.84	19.74		
20	QPSK	50	0	19.84	19.97	19.81		
20	QPSK	50	24	19.80	19.85	19.68	21.4	0
20	QPSK	50	50	19.64	19.79	19.57		
20	QPSK	100	0	19.85	19.87	19.77		
20	16QAM	1	0	19.70	19.78	19.60		
20	16QAM	1	49	19.68	19.77	19.66	21.4	0
20	16QAM	1	99	19.69	19.82	19.61		
20	16QAM	50	0	19.41	19.53	19.47		
20	16QAM	50	24	19.42	19.46	19.26	21	0.4
20	16QAM	50	50	19.23	19.42	19.17		
20	16QAM	100	0	19.37	19.53	19.33		
20	64QAM	1	0	19.27	19.41	19.27		
20	64QAM	1	49	19.26	19.33	19.31	21	0.4
20	64QAM	1	99	19.25	19.38	19.28		
20	64QAM	50	0	18.47	18.51	18.48		
20	64QAM	50	24	18.33	18.40	18.20	20	1.4
20	64QAM	50	50	18.32	18.34	18.16		
20	64QAM	100	0	18.38	18.50	18.45		
20	256QAM	1	0	16.50	16.65	16.36		
20	256QAM	1	49	16.41	16.47	16.20	18	3.4
20	256QAM	1	99	16.21	16.38	16.15		
20	256QAM	50	0	16.42	16.47	16.31		
20	256QAM	50	24	16.36	16.34	16.19	18	3.4
20	256QAM	50	50	16.24	16.40	16.20		
20	256QAM	100	0	16.32	16.46	16.28		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.92	19.97	19.87	21.4	0
15	QPSK	1	37	19.79	19.81	19.71		
15	QPSK	1	74	19.76	19.93	19.66		
15	QPSK	36	0	19.72	19.94	19.76		
15	QPSK	36	20	19.74	19.83	19.55	21.4	0
15	QPSK	36	39	19.58	19.80	19.53		
15	QPSK	75	0	19.86	19.86	19.65		
15	16QAM	1	0	19.62	19.77	19.58		
15	16QAM	1	37	19.67	19.67	19.58	21.4	0
15	16QAM	1	74	19.62	19.80	19.55		
15	16QAM	36	0	19.41	19.48	19.49		
15	16QAM	36	20	19.31	19.39	19.16	21	0.4
15	16QAM	36	39	19.13	19.30	19.15		
15	16QAM	75	0	19.30	19.54	19.29		
15	64QAM	1	0	19.27	19.41	19.24		
15	64QAM	1	37	19.13	19.20	19.25	21	0.4
15	64QAM	1	74	19.12	19.32	19.25		
15	64QAM	36	0	18.44	18.41	18.45		
15	64QAM	36	20	18.23	18.29	18.15	20	1.4
15	64QAM	36	39	18.27	18.35	18.06		
15	64QAM	75	0	18.26	18.41	18.31		
15	256QAM	1	0	16.37	16.53	16.28		
15	256QAM	1	37	16.27	16.33	16.19	18	3.4
15	256QAM	1	74	16.08	16.25	16.12		
15	256QAM	36	0	16.28	16.45	16.32		
15	256QAM	36	20	16.24	16.27	16.16	18	3.4
15	256QAM	36	39	16.15	16.36	16.17		
15	256QAM	75	0	16.32	16.42	16.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.89	19.97	19.87	21.4	0
10	QPSK	1	25	19.85	19.91	19.72		
10	QPSK	1	49	19.77	19.88	19.73		
10	QPSK	25	0	19.78	19.91	19.76		
10	QPSK	25	12	19.79	19.82	19.57	21.4	0
10	QPSK	25	25	19.61	19.70	19.58		
10	QPSK	50	0	19.75	19.83	19.67		
10	16QAM	1	0	19.66	19.68	19.52		
10	16QAM	1	25	19.59	19.72	19.68	21.4	0
10	16QAM	1	49	19.66	19.83	19.51		
10	16QAM	25	0	19.39	19.46	19.41		
10	16QAM	25	12	19.41	19.35	19.24	21	0.4
10	16QAM	25	25	19.18	19.31	19.06		
10	16QAM	50	0

Band 13 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.31		23	0
10	QPSK	1	25		21.26			
10	QPSK	1	49		21.23			
10	QPSK	25	0		20.43		22	1
10	QPSK	25	12		20.38			
10	QPSK	25	25		20.33			
10	QPSK	50	0		20.38			
10	16QAM	1	0		20.32			
10	16QAM	1	25		20.27		22	1
10	16QAM	1	49		20.24			
10	16QAM	25	0		19.53			
10	16QAM	25	12		19.48		21	2
10	16QAM	25	25		19.36			
10	16QAM	50	0		19.47			
10	64QAM	1	0		19.40			
10	64QAM	1	25		19.35		21	2
10	64QAM	1	49		19.22			
10	64QAM	25	0		18.48			
10	64QAM	25	12		18.43		20	3
10	64QAM	25	25		18.39			
10	64QAM	50	0		18.41			
10	256QAM	1	0		16.50		18	5
10	256QAM	1	25		16.45			
10	256QAM	1	49		16.37			
10	256QAM	25	0		16.45		18	5
10	256QAM	25	12		16.40			
10	256QAM	25	25		16.36			
10	256QAM	50	0		16.42			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.20	21.27	21.13	23	0
5	QPSK	1	12	21.15	21.20	21.11		
5	QPSK	1	24	21.22	21.29	21.20		
5	QPSK	12	0	20.19	20.30	20.16	22	1
5	QPSK	12	7	20.23	20.30	20.24		
5	QPSK	12	13	20.26	20.29	20.25		
5	QPSK	25	0	20.25	20.32	20.29		
5	16QAM	1	0	20.24	20.29	20.18	22	1
5	16QAM	1	12	20.14	20.19	20.13		
5	16QAM	1	24	20.02	20.11	20.06		
5	16QAM	12	0	19.30	19.42	19.37	21	2
5	16QAM	12	7	19.38	19.44	19.36		
5	16QAM	12	13	19.14	19.22	19.15		
5	16QAM	25	0	19.30	19.44	19.30		
5	64QAM	1	0	19.13	19.28	19.21	21	2
5	64QAM	1	12	19.21	19.25	19.15		
5	64QAM	1	24	19.03	19.11	19.07		
5	64QAM	12	0	18.35	18.44	18.40	20	3
5	64QAM	12	7	18.31	18.36	18.22		
5	64QAM	12	13	18.31	18.36	18.24		
5	64QAM	25	0	18.24	18.37	18.25		
5	256QAM	1	0	16.33	16.38	16.29	18	5
5	256QAM	1	12	16.31	16.35	16.30		
5	256QAM	1	24	16.17	16.28	16.22		
5	256QAM	12	0	16.28	16.39	16.35	18	5
5	256QAM	12	7	16.22	16.36	16.24		
5	256QAM	12	13	16.19	16.27	16.15		
5	256QAM	25	0	16.16	16.27	16.21		

Band 17 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23780	23790	23800	
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.61	21.65	21.57	23	0
10	QPSK	1	25	21.55	21.64	21.63		
10	QPSK	1	49	21.59	21.62	21.54		
10	QPSK	25	0	20.68	20.72	20.67	22	1
10	QPSK	25	12	20.57	20.67	20.59		
10	QPSK	25	25	20.53	20.60	20.48		
10	QPSK	50	0	20.53	20.66	20.53		
10	16QAM	1	0	20.46	20.59	20.48	22	1
10	16QAM	1	25	20.39	20.54	20.46		
10	16QAM	1	49	20.42	20.47	20.38		
10	16QAM	25	0	19.62	19.68	19.62	21	2
10	16QAM	25	12	19.55	19.63	19.49		
10	16QAM	25	25	19.52	19.56	19.44		
10	16QAM	50	0	19.56	19.62	19.55		
10	64QAM	1	0	19.42	19.55	19.43	21	2
10	64QAM	1	25	19.43	19.50	19.35		
10	64QAM	1	49	19.33	19.43	19.30		
10	64QAM	25	0	18.69	18.76	18.69	20	3
10	64QAM	25	12	18.62	18.71	18.59		
10	64QAM	25	25	18.51	18.64	18.53		
10	64QAM	50	0	18.58	18.71	18.60		
10	256QAM	1	0	16.67	16.77	16.65	18	5
10	256QAM	1	25	16.65	16.72	16.62		
10	256QAM	1	49	16.55	16.65	16.59		
10	256QAM	25	0	16.64	16.72	16.62	18	5
10	256QAM	25	12	16.53	16.67	16.57		
10	256QAM	25	25	16.50	16.60	16.50		
10	256QAM	50	0	16.61	16.65	16.60		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.47	21.58	21.41	23	0
5	QPSK	1	12	21.38	21.37	21.31		
5	QPSK	1	24	21.42	21.43	21.33		
5	QPSK	12	0	20.59	20.62	20.55	22	1
5	QPSK	12	7	20.54	20.53	20.54		
5	QPSK	12	13	20.48	20.54	20.44		
5	QPSK	25	0	20.49	20.56	20.49		
5	16QAM	1	0	20.34	20.48	20.34	22	1
5	16QAM	1	12	20.32	20.49	20.41		
5	16QAM	1	24	20.39	20.39	20.25		
5	16QAM	12	0	19.51	19.54	19.56	21	2
5	16QAM	12	7	19.45	19.48	19.36		
5	16QAM	12	13	19.46	19.46	19.39		
5	16QAM	25	0	19.43	19.52	19.43		
5	64QAM	1	0	19.36	19.41	19.31	21	2
5	64QAM	1	12	19.32	19.37	19.28		
5	64QAM	1	24	19.24	19.29	19.18		
5	64QAM	12	0	18.56	18.68	18.66	20	3
5	64QAM	12	7	18.50	18.65	18.51		
5	64QAM	12	13	18.37	18.52	18.42		
5	64QAM	25	0	18.46	18.60	18.48		
5	256QAM	1	0	16.55	16.63	16.50	18	5
5	256QAM	1	12	16.57	16.66	16.52		
5	256QAM	1	24	16.40	16.59	16.50		
5	256QAM	12	0	16.51	16.63	16.55	18	5
5	256QAM	12	7	16.43	16.56	16.53		
5	256QAM	12	13	16.41	16.52	16.45		
5	256QAM	25	0	16.52	16.54	16.57		

Band 26 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					26765	26865	26965	
Frequency (MHz)					821.5	831.5	841.5	
15	QPSK	1	0	21.32	21.38	21.29	22	0
15	QPSK	1	37	21.17	21.27	21.14		
15	QPSK	1	74	21.14	21.20	21.10		
15	QPSK	36	0	20.28	20.32	20.28	21	1
15	QPSK	36	20	20.21	20.27	20.14		
15	QPSK	36	39	20.17	20.20	20.12		
15	QPSK	75	0	20.24	20.27	20.17		
15	16QAM	1	0	20.19	20.22	20.19	21	1
15	16QAM	1	37	20.10	20.17	20.13		
15	16QAM	1	74	19.99	20.10	20.04		
15	16QAM	36	0	19.24	19.37	19.22	20	2
15	16QAM	36	20	19.26	19.32	19.22		
15	16QAM	36	39	19.14	19.25	19.13		
15	16QAM	75	0	19.20	19.30	19.21		
15	64QAM	1	0	19.16	19.23	19.15	20	2
15	64QAM	1	37	19.15	19.18	19.04		
15	64QAM	1	74	19.05	19.11	19.00		
15	64QAM	36	0	18.25	18.36	18.22	19	3
15	64QAM	36	20	18.19	18.31	18.17		
15	64QAM	36	39	18.13	18.24	18.14		
15	64QAM	75	0	18.19	18.32	18.29		
15	256QAM	1	0	16.31	16.38	16.30	17	5
15	256QAM	1	37	16.28	16.33	16.28		
15	256QAM	1	74	16.16	16.26	16.13		
15	256QAM	36	0	16.26	16.33	16.19	17	5
15	256QAM	36	20	16.17	16.28	16.21		
15	256QAM	36	39	16.15	16.26	16.17		
15	256QAM	75	0	16.15	16.26	16.22		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.20	21.26	21.26	22	0
10	QPSK	1	25	21.15	21.15	21.01		
10	QPSK	1	49	21.10	21.14	21.04		
10	QPSK	25	0	20.24	20.20	20.24	21	1
10	QPSK	25	12	20.17	20.23	19.99		
10	QPSK	25	25	20.03	20.12	20.08		
10	QPSK	50	0	20.14	20.15	20.02		
10	16QAM	1	0	20.07	20.18	20.04	21	1
10	16QAM	1	25	20.05	20.08	20.07		
10	16QAM	1	49	19.88	20.00	19.96		
10	16QAM	25	0	19.18	19.31	19.10	20	2
10	16QAM	25	12	19.12	19.23	19.17		
10	16QAM	25	25	19.08	19.15	19.03		
10	16QAM	50	0	19.07	19.27	19.13		
10	64QAM	1	0	19.01	19.17	19.02	20	2
10	64QAM	1	25	19.11	19.13	18.98		
10	64QAM	1	49	18.91	19.07	18.97		
10	64QAM	25	0	18.19	18.31	18.10	19	3
10	64QAM	25	12	18.09	18.24	18.05		
10	64QAM	25	25	18.06	18.19	18.07		
10	64QAM	50	0	18.07	18.22	18.23		
10	256QAM	1	0	16.24	16.27	16.19	17	5
10	256QAM	1	25	16.17	16.27	16.20		
10	256QAM	1	49	16.05	16.18	16.05		
10	256QAM	25	0	16.22	16.24	16.05	17	5
10	256QAM	25	12	16.09	16.23	16.16		
10	256QAM	25	25	16.03	16.06	15.94		
10	256QAM	50	0	16.06	16.22	16.08		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.19	21.34	21.20	22	0
5	QPSK	1	12	21.11	21.12	21.05		
5	QPSK	1	24	21.09	21.09	20.96		
5	QPSK	12	0	20.24	20.26	20.23	21	1
5	QPSK	12	7	20.17	20.13	20.09		
5	QPSK	12	13	20.07	20.11	20.04		
5	QPSK	25	0	20.14	20.12	20.13		
5	16QAM	1	0	20.10	20.17	20.08	21	1
5	16QAM	1	12	19.96	20.09	20.05		
5	16QAM	1	24	19.85	20.04	19.91		
5	16QAM	12	0	19.21	19.25	19.13	20	2
5	16QAM	12	7	19.14	19.21	19.19		
5	16QAM	12	13	19.09	19.14	19.06		
5	16QAM	25	0	19.16	19.18	19.07		
5	64QAM	1	0	19.11	19.15	19.06	20	2
5	64QAM	1	12	19.00	19.09	18.92		
5	64QAM	1	24	19.00	18.98	18.92		
5	64QAM	12	0	18.16	18.26	18.13	19	3
5	64QAM	12	7	18.09	18.26	18.11		
5	64QAM	12	13	17.98	18.15	18.03		
5	64QAM	25	0	18.10	18.22	18.18		
5	256QAM	1	0	16.24	16.34	16.17	17	5
5	256QAM	1	12	16.18	16.27	16.17		
5	256QAM	1	24	16.11	16.20	16.00		
5	256QAM	12	0	16.22	16.19	16.06	17	5
5	256QAM	12	7	16.13	16.17	16.09		
5	256QAM	12	13	16.01	16.12	15.92		
5	256QAM	25	0	16.03	16.20	16.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.23	21.32	21.17	22	0
3	QPSK	1	8	21.07	21.20	21.08		
3	QPSK	1	14	21.09	21.15	20.96		
3	QPSK	8	0	20.16	20.20	20.16	21	1
3	QPSK	8	4	20.09	20.12	20.05		
3	QPSK	8	7	20.09	20.10	20.02		
3	QPSK	15	0	20.19	20.20	20.07		
3	16QAM	1	0	20.15	20.18	20.04	21	1
3	16QAM	1	8	20.03	20.06	20.07		
3	16QAM	1	14	19.95	19.96	20.01		
3	16QAM	8	0	19.13	19.33	19.12	20	2
3	16QAM	8	4	19.23	19.24	19.10		
3	16QAM	8	7	18.99	19.12	18.99		
3	16QAM	15	0	19.10	19.25	19.09		
3	64QAM	1	0	19.11	19.14	19.05	20	2
3	64QAM	1	8	19.06	19.03	18.92		
3	64QAM	1	14	18.93	18.97	18.91		
3	64QAM	8	0	18.11	18.31	18.19	19	3
3	64QAM	8	4	18.10	18.18	18.03		
3	64QAM	8	7	18.03	18.17	18.03		
3	64QAM	15	0	18.04	18.29	18.15		
3	256QAM	1	0	16.25	16.26	16.24	17	5
3	256QAM	1	8	16.23	16.21	16.21		
3	256QAM	1	14	16.03	16.23	16.01		
3	256QAM	8	0	16.23	16.22	16.15	17	5
3	256QAM	8	4	16.02	16.22	16.06		
3	256QAM	8	7	16.02	16.12	15.92		
3	256QAM	15	0	16.08	16.12	16.14		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.20	21.28	21.17	22	0
1.4	QPSK	1	3	21.11	21.21	21.01		
1.4	QPSK	1	5	21.04	21.14	21.02		
1.4	QPSK	3	0	21.05	21.26	21.04		
1.4	QPSK	3	1	21.09	21.08	21.04		
1.4	QPSK	3	3	20.99	21.14	21.03		
1.4	QPSK	6	0	20.15	20.21	20.21	21	1
1.4	16QAM	1	0	20.09	20.19	20.03	21	1
1.4	16QAM	1	3	20.08	20.06	20.09		
1.4	16QAM	1	5	20.16	20.16	20.10		
1.4	16QAM	3	0	20.07	20.15	20.08		
1.4	16QAM	3	1	20.03	20.05	20.06		
1.4	16QAM	3	3	19.85	19.96	19.96		
1.4	16QAM	6	0	19.10	19.25	19.10	20	2
1.4	64QAM	1	0	19.11	19.18	19.16	20	2
1.4	64QAM	1	3	19.09	19.10	19.07		
1.4	64QAM	1	5	19.13	19.19	19.15		
1.4	64QAM	3	0	19.10	19.08	19.06		
1.4	64QAM	3	1	19.08	19.12	18.93		
1.4	64QAM	3	3	18.98	19.00	18.90		
1.4	64QAM	6	0	18.15	18.25	18.16	19	3
1.4	256QAM	1	0	16.20	16.30	16.16	17	5
1.4	256QAM	1	3	16.19	16.24	16.23		
1.4	256QAM	1	5	16.11	16.18	16.02		
1.4	256QAM	3	0	16.23	16.25	16.09		
1.4	256QAM	3	1	16.09	16.17	16.07		
1.4	256QAM	3	3	16.00	16.08	15.99		
1.4	256QAM	6	0	16.04	16.21	16.11	17	5

Band 66 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					132072	132322	132572	
Frequency (MHz)					1720	1745	1770	
20	QPSK	1	0		21.35	21.43	21.38	22	0
20	QPSK	1	49		21.30	21.36	21.24		
20	QPSK	1	99		21.21	21.30	21.34		
20	QPSK	50	0		21.31	21.42	21.28	22	0
20	QPSK	50	24		21.28	21.25	21.10		
20	QPSK	50	50		21.12	21.23	21.23		
20	QPSK	100	0		21.15	21.38	21.27		
20	16QAM	1	0		21.26	21.27	21.13	22	0
20	16QAM	1	49		21.07	21.16	21.18		
20	16QAM	1	99		21.30	21.33	21.11		
20	16QAM	50	0		19.64	19.76	19.68	21	1
20	16QAM	50	24		19.63	19.73	19.63		
20	16QAM	50	50		19.63	19.66	19.61		
20	16QAM	100	0		19.64	19.71	19.68		
20	64QAM	1	0		19.52	19.64	19.49	21	1
20	64QAM	1	49		19.51	19.59	19.52		
20	64QAM	1	99		19.45	19.52	19.41		
20	64QAM	50	0		18.61	18.69	18.54	20	2
20	64QAM	50	24		18.58	18.64	18.61		
20	64QAM	50	50		18.53	18.57	18.51		
20	64QAM	100	0		18.52	18.62	18.54		
20	256QAM	1	0		16.61	16.75	16.64	18	4
20	256QAM	1	49		16.48	16.70	16.65		
20	256QAM	1	99		16.48	16.63	16.57		
20	256QAM	50	0		16.62	16.71	16.66	18	4
20	256QAM	50	24		16.60	16.66	16.55		
20	256QAM	50	50		16.50	16.56	16.45		
20	256QAM	100	0		16.61	16.68	16.57		
Channel					132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					1717.5	1745	1772.5		
15	QPSK	1	0		21.29	21.33	21.27	22	0
15	QPSK	1	37		21.18	21.24	21.12		
15	QPSK	1	74		21.09	21.19	21.30		
15	QPSK	36	0		21.17	21.36	21.21	22	0
15	QPSK	36	20		21.27	21.22	21.02		
15	QPSK	36	39		21.10	21.19	21.14		
15	QPSK	75	0		21.21	21.31	21.21		
15	16QAM	1	0		21.15	21.23	21.06	22	0
15	16QAM	1	37		20.97	21.02	21.03		
15	16QAM	1	74		21.15	21.27	21.09		
15	16QAM	36	0		19.63	19.73	19.58	21	1
15	16QAM	36	20		19.58	19.71	19.55		
15	16QAM	36	39		19.56	19.55	19.55		
15	16QAM	75	0		19.58	19.58	19.58		
15	64QAM	1	0		19.40	19.60	19.44	21	1
15	64QAM	1	37		19.40	19.51	19.40		
15	64QAM	1	74		19.41	19.37	19.27		
15	64QAM	36	0		18.51	18.68	18.40	20	2
15	64QAM	36	20		18.56	18.64	18.47		
15	64QAM	36	39		18.45	18.47	18.48		
15	64QAM	75	0		18.43	18.54	18.46		
15	256QAM	1	0		16.47	16.74	16.50	18	4
15	256QAM	1	37		16.56	16.64	16.54		
15	256QAM	1	74		16.45	16.61	16.53		
15	256QAM	36	0		16.49	16.64	16.55	18	4
15	256QAM	36	20		16.54	16.63	16.55		
15	256QAM	36	39		16.40	16.56	16.35		
15	256QAM	75	0		16.57	16.68	16.46		
Channel					132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					1715	1745	1775		
10	QPSK	1	0		21.23	21.39	21.23	22	0
10	QPSK	1	25		21.23	21.31	21.24		
10	QPSK	1	49		21.11	21.24	21.23		
10	QPSK	25	0		21.30	21.36	21.23	22	0
10	QPSK	25	13		21.25	21.11	21.07		
10	QPSK	25	25		21.00	21.21	21.10		
10	QPSK	50	0		21.25	21.37	21.16		
10	16QAM	1	0		21.17	21.17	21.11	22	0
10	16QAM	1	25		20.95	21.00	21.15		
10	16QAM	1	49		21.18	21.19	21.02		
10	16QAM	25	0		19.57	19.69	19.60	21	1
10	16QAM	25	12		19.47	19.60	19.50		
10	16QAM	25	25		19.59	19.52	19.59		
10	16QAM	50	0		19.55	19.71	19.53		
10	64QAM	1	0		19.42	19.49	19.43	21	1
10	64QAM	1	25		19.37	19.44	19.47		
10	64QAM	1	49		19.41	19.48	19.36		
10	64QAM	25	0		18.57	18.64	18.48	20	2
10	64QAM	25	12		18.55	18.50	18.58		
10	64QAM	25	25		18.40	18.51	18.37		
10	64QAM	50	0		18.51	18.52	18.41		
10	256QAM	1	0		16.57	16.69	16.60	18	4
10	256QAM	1	25		16.60	16.68	16.53		
10	256QAM	1	49		16.40	16.49	16.44		
10	256QAM	25	0		16.56	16.61	16.61	18	4
10	256QAM	25	12		16.57	16.51	16.44		
10	256QAM	25	25		16.46	16.54	16.29		
10	256QAM	50	0		16.50	16.64	16.51		
Channel					131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					1712.5	1745	1777.5		
5	QPSK	1	0		21.27	21.28	21.33	22	0
5	QPSK	1	12		21.20	21.29	21.16		
5	QPSK	1	24		21.16	21.27	21.22		
5	QPSK	12	0		21.17	21.28	21.22	22	0
5	QPSK	12	7		21.16	21.10	21.10		
5	QPSK	12	13		20.96	21.21	21.23		
5	QPSK	25	0		21.28	21.23	21.18		
5	16QAM	1	0		21.13	21.14	21.10	22	0
5	16QAM	1	12		20.97	21.02	21.11		
5	16QAM	1	24		21.15	21.22	21.08		
5	16QAM	12	0		19.51	19.70	19.58	21	1
5	16QAM	12	7		19.50	19.62	19.52		
5	16QAM	12	13		19.53	19.63	19.47		
5	16QAM	25	0		19.55	19.60	19.58		
5	64QAM	1	0		19.40	19.60	19.45	21	1
5	64QAM	1	12		19.47	19.51	19.44		
5	64QAM	1	24		19.35	19.40	19.30		
5	64QAM	12	0		18.60	18.68	18.51	20	2
5	64QAM	12

Band 38 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.41	22.53	22.49	23.6	0
20	QPSK	1	49	22.32	22.35	22.39		
20	QPSK	1	99	22.25	22.32	22.29		
20	QPSK	50	0	21.48	21.53	21.47	23	0.6
20	QPSK	50	24	21.36	21.45	21.40		
20	QPSK	50	50	21.31	21.41	21.31		
20	QPSK	100	0	21.37	21.48	21.34		
20	16QAM	1	0	21.32	21.38	21.36	23	0.6
20	16QAM	1	49	21.28	21.43	21.31		
20	16QAM	1	99	21.30	21.35	21.16		
20	16QAM	50	0	20.41	20.54	20.36	22	1.6
20	16QAM	50	24	20.34	20.39	20.33		
20	16QAM	50	50	20.20	20.37	20.29		
20	16QAM	100	0	20.39	20.40	20.42		
20	64QAM	1	0	20.28	20.41	20.40	22	1.6
20	64QAM	1	49	20.26	20.31	20.34		
20	64QAM	1	99	20.29	20.33	20.14		
20	64QAM	50	0	19.34	19.49	19.38	21	2.6
20	64QAM	50	24	19.41	19.46	19.29		
20	64QAM	50	50	19.26	19.45	19.30		
20	64QAM	100	0	19.34	19.43	19.44		
20	256QAM	1	0	17.42	17.47	17.34	19	4.6
20	256QAM	1	49	17.32	17.44	17.31		
20	256QAM	1	99	17.20	17.34	17.23		
20	256QAM	50	0	17.28	17.36	17.33	19	4.6
20	256QAM	50	24	17.20	17.40	17.27		
20	256QAM	50	50	17.18	17.27	17.12		
20	256QAM	100	0	17.30	17.35	17.17		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.26	22.49	22.41	23.6	0
15	QPSK	1	37	22.19	22.23	22.30		
15	QPSK	1	74	22.12	22.20	22.21		
15	QPSK	36	0	21.40	21.42	21.36	23	0.6
15	QPSK	36	20	21.25	21.35	21.31		
15	QPSK	36	39	21.20	21.36	21.17		
15	QPSK	75	0	21.23	21.42	21.29		
15	16QAM	1	0	21.27	21.28	21.25	23	0.6
15	16QAM	1	37	21.22	21.39	21.19		
15	16QAM	1	74	21.25	21.26	21.04		
15	16QAM	36	0	20.30	20.45	20.22	22	1.6
15	16QAM	36	20	20.19	20.28	20.30		
15	16QAM	36	39	20.17	20.22	20.16		
15	16QAM	75	0	20.35	20.26	20.38		
15	64QAM	1	0	20.13	20.35	20.37	22	1.6
15	64QAM	1	37	20.14	20.25	20.29		
15	64QAM	1	74	20.15	20.29	20.06		
15	64QAM	36	0	19.28	19.41	19.33	21	2.6
15	64QAM	36	20	19.36	19.36	19.24		
15	64QAM	36	39	19.21	19.36	19.26		
15	64QAM	75	0	19.27	19.36	19.31		
15	256QAM	1	0	17.34	17.40	17.24	19	4.6
15	256QAM	1	37	17.27	17.37	17.22		
15	256QAM	1	74	17.16	17.27	17.14		
15	256QAM	36	0	17.19	17.24	17.27	19	4.6
15	256QAM	36	20	17.16	17.33	17.13		
15	256QAM	36	39	17.15	17.12	17.03		
15	256QAM	75	0	17.16	17.30	17.07		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	22.29	22.47	22.41	23.6	0
10	QPSK	1	25	22.23	22.30	22.27		
10	QPSK	1	49	22.19	22.21	22.25		
10	QPSK	25	0	21.34	21.38	21.41	23	0.6
10	QPSK	25	12	21.28	21.36	21.32		
10	QPSK	25	25	21.17	21.37	21.25		
10	QPSK	50	0	21.32	21.44	21.27		
10	16QAM	1	0	21.23	21.26	21.30	23	0.6
10	16QAM	1	25	21.13	21.37	21.27		
10	16QAM	1	49	21.22	21.28	21.08		
10	16QAM	25	0	20.36	20.50	20.29	22	1.6
10	16QAM	25	12	20.28	20.28	20.27		
10	16QAM	25	25	20.11	20.29	20.20		
10	16QAM	50	0	20.33	20.29	20.34		
10	64QAM	1	0	20.14	20.36	20.29	22	1.6
10	64QAM	1	25	20.18	20.20	20.24		
10	64QAM	1	49	20.15	20.30	20.02		
10	64QAM	25	0	19.20	19.40	19.27	21	2.6
10	64QAM	25	12	19.33	19.32	19.25		
10	64QAM	25	25	19.16	19.32	19.22		
10	64QAM	50	0	19.24	19.30	19.36		
10	256QAM	1	0	17.37	17.41	17.21	19	4.6
10	256QAM	1	25	17.27	17.32	17.18		
10	256QAM	1	49	17.16	17.27	17.09		
10	256QAM	25	0	17.16	17.23	17.30	19	4.6
10	256QAM	25	12	17.13	17.31	17.14		
10	256QAM	25	25	17.10	17.20	17.09		
10	256QAM	50	0	17.18	17.27	17.10		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.26	22.40	22.42	23.6	0
5	QPSK	1	12	22.27	22.21	22.34		
5	QPSK	1	24	22.17	22.17	22.21		
5	QPSK	12	0	21.43	21.47	21.44	23	0.6
5	QPSK	12	7	21.30	21.39	21.30		
5	QPSK	12	13	21.20	21.36	21.22		
5	QPSK	25	0	21.30	21.44	21.19		
5	16QAM	1	0	21.27	21.30	21.27	23	0.6
5	16QAM	1	12	21.15	21.32	21.22		
5	16QAM	1	24	21.23	21.31	21.04		
5	16QAM	12	0	20.36	20.40	20.32	22	1.6
5	16QAM	12	7	20.28	20.30	20.20		
5	16QAM	12	13	20.11	20.29	20.15		
5	16QAM	25	0	20.35	20.31	20.29		
5	64QAM	1	0	20.21	20.28	20.27	22	1.6
5	64QAM	1	12	20.16	20.22	20.23		
5	64QAM	1	24	20.25	20.28	20.07		
5	64QAM	12	0	19.28	19.35	19.27	21	2.6
5	64QAM	12	7	19.38	19.39	19.20		
5	64QAM	12	13	19.23	19.35	19.19		
5	64QAM	25	0	19.24	19.29	19.31		
5	256QAM	1	0	17.30	17.33	17.22	19	4.6
5	256QAM	1	12	17.23	17.35	17.25		
5	256QAM	1	24	17.05	17.29	17.19		
5	256QAM	12	0	17.13	17.30	17.29	19	4.6
5	256QAM	12	7	17.13	17.30	17.21		
5	256QAM	12	13	17.09	17.18	17.06		
5	256QAM	25	0	17.15	17.31	17.06		

Band 41 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.54	22.62	22.69	22.51	22.48	23.6	0
20	QPSK	1	49	22.50	22.59	22.64	22.46	22.43		
20	QPSK	1	99	22.52	22.51	22.57	22.38	22.35		
20	QPSK	50	0	21.54	21.57	21.64	21.55	21.44	23	0.6
20	QPSK	50	24	21.50	21.45	21.59	21.47	21.43		
20	QPSK	50	50	21.38	21.47	21.52	21.42	21.31		
20	QPSK	100	0	21.50	21.45	21.58	21.43	21.39		
20	16QAM	1	0	21.40	21.46	21.53	21.38	21.40	23	0.6
20	16QAM	1	49	21.42	21.33	21.48	21.36	21.33		
20	16QAM	1	99	21.37	21.30	21.41	21.26	21.22		
20	16QAM	50	0	20.54	20.53	20.62	20.46	20.38	22	1.6
20	16QAM	50	24	20.43	20.43	20.57	20.45	20.40		
20	16QAM	50	50	20.41	20.37	20.50	20.31	20.32		
20	16QAM	100	0	20.53	20.51	20.57	20.39	20.37		
20	64QAM	1	0	20.38	20.40	20.51	20.31	20.35	22	1.6
20	64QAM	1	49	20.39	20.35	20.46	20.29	20.32		
20	64QAM	1	99	20.28	20.29	20.39	20.21	20.21		
20	64QAM	50	0	19.48	19.58	19.63	19.53	19.38	21	2.6
20	64QAM	50	24	19.43	19.51	19.58	19.39	19.41		
20	64QAM	50	50	19.37	19.40	19.51	19.34	19.28		
20	64QAM	100	0	19.52	19.42	19.56	19.39	19.39		
20	256QAM	1	0	17.54	17.62	17.66	17.49	17.44	19	4.6
20	256QAM	1	49	17.54	17.54	17.61	17.52	17.38		
20	256QAM	1	99	17.42	17.43	17.54	17.45	17.33		
20	256QAM	50	0	17.48	17.59	17.62	17.52	17.45	19	4.6
20	256QAM	50	24	17.44	17.47	17.57	17.45	17.42		
20	256QAM	50	50	17.46	17.42	17.50	17.36	17.33		
20	256QAM	100	0	17.38	17.36	17.48	17.32	17.31		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	22.42	22.52	22.63	22.43	22.40	23.60	0
15	QPSK	1	37	22.45	22.54	22.54	22.41	22.31		
15	QPSK	1	74	22.40	22.40	22.48	22.29	22.22		
15	QPSK	36	0	21.45	21.53	21.49	21.43	21.36	23	0.6
15	QPSK	36	20	21.45	21.38	21.53	21.41	21.30		
15	QPSK	36	39	21.25	21.36	21.40	21.35	21.27		
15	QPSK	75	0	21.42	21.32	21.45	21.37	21.34		
15	16QAM	1	0	21.28	21.39	21.40	21.26	21.27	23	0.6
15	16QAM	1	37	21.37	21.19	21.37	21.25	21.23		
15	16QAM	1	74	21.23	21.20	21.29	21.20	21.14		
15	16QAM	36	0	20.48	20.40	20.59	20.42	20.24	22	1.6
15	16QAM	36	20	20.29	20.29	20.46	20.41	20.26		
15	16QAM	36	39	20.31	20.32	20.41	20.21	20.26		
15	16QAM	75	0	20.43	20.43	20.49	20.28	20.33		
15	64QAM	1	0	20.33	20.37	20.45	20.20	20.29	22	1.6
15	64QAM	1	37	20.33	20.24	20.36	20.20	20.21		
15	64QAM	1	74	20.16	20.15	20.30	20.13	20.12		
15	64QAM	36	0	19.42	19.44	19.57	19.39	19.31	21	2.6
15	64QAM	36	20	19.37	19.44	19.51	19.31	19.36		
15	64QAM	36	39	19.32	19.33	19.47	19.20	19.13		
15	64QAM	75	0	19.43	19.33	19.43	19.35	19.32		
15	256QAM	1	0	17.43	17.55	17.55	17.43	17.34	19	4.6
15	256QAM	1	37	17.45	17.46	17.56	17.39	17.34		
15	256QAM	1	74	17.30	17.39	17.48	17.35	17.22		
15	256QAM	36	0	17.34	17.53	17.49	17.43	17.38	19	4.6
15	256QAM	36	20	17.31	17.36	17.53	17.33	17.32		
15	256QAM	36	39	17.41	17.37	17.44	17.24	17.25		
15	256QAM	75	0	17.24	17.29	17.40	17.19	17.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	22.40	22.58	22.57	22.38	22.37	23.60	0
10	QPSK	1	25	22.43	22.44	22.51	22.32	22.35		
10	QPSK	1	49	22.47	22.39	22.42	22.35	22.22		
10	QPSK	25	0	21.49	21.43	21.59	21.44	21.37	23	0.6
10	QPSK	25	12	21.41	21.36	21.46	21.37	21.35		
10	QPSK	25	25	21.26	21.36	21.48	21.33	21.16		
10	QPSK	50	0	21.44	21.39	21.46	21.29	21.25		
10	16QAM	1	0	21.36	21.42	21.39	21.35	21.33	23	0.6
10	16QAM	1	25	21.36	21.22	21.34	21.28	21.29		
10	16QAM	1	49	21.33	21.18	21.34	21.21	21.18		
10	16QAM	25	0	20.40	20.41	20.48	20.34	20.30	22	1.6
10	16QAM	25	12	20.38	20.33	20.54	20.32	20.32		
10	16QAM	25	25	20.30	20.24	20.35	20.26	20.19		
10	16QAM	50	0	20.38	20.47	20.47	20.35	20.32		
10	64QAM	1	0	20.26	20.27	20.38	20.20	20.23	22	1.6
10	64QAM	1	25	20.29	20.21	20.41	20.17	20.27		
10	64QAM	1	49	20.16	20.24	20.28	20.17	20.14		
10	64QAM	25	0	19.35	19.51	19.55	19.43	19.35	21	2.6
10	64QAM	25	12	19.40	19.45	19.45	19.24	19.29		
10	64QAM	25	25	19.29	19.28	19.39	19.27	19.14		
10	64QAM	50	0	19.40	19.37	19.42	19.28	19.29		
10	256QAM	1	0	17.48	17.52	17.58	17.36	17.30	19	4.6
10	256QAM	1	25	17.45	17.43	17.55	17.49	17.24		
10	256QAM	1	49	17.31	17.30	17.47	17.34	17.29		
10	256QAM	25	0	17.36	17.54	17.51	17.39	17.34	19	4.6
10	256QAM	25	12	17.39	17.39	17.54	17.41	17.31		
10	256QAM	25	25	17.32	17.32	17.36	17.24	17.25		
10	256QAM	50	0	17.34	17.31	17.41	17.19	17.19		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	22.48	22.56	22.66	22.43	22.41	23.60	0
5	QPSK	1	12	22.40	22.55	22.54	22.35	22.29		
5	QPSK	1	24	22.41	22.44	22.54	22.32	22.30		
5	QPSK	12	0	21.40	21.48	21.58	21.44	21.33	23	0.6
5	QPSK	12	7	21.45	21.39	21.50	21.43	21.32		
5	QPSK	12	13	21.25	21.33	21.42	21.37	21.21		
5	QPSK	25	0	21.43	21.41	21.52	21.36	21.24		
5	16QAM	1	0	21.27	21.33	21.38	21.29	21.25	23	0.6
5	16QAM	1	12	21.33	21.26	21.43	21.29	21.22		
5	16QAM	1	24	21.25	21.17	21.29	21.18	21.13		
5	16QAM	12	0	20.42	20.45	20.56	20.33	20.31	22	1.6
5	16QAM	12	7	20.34	20.33	20.44	20.36	20.28		
5	16QAM	12	13	20.32	20.26	20.39	20.27	20.18		
5	16QAM	25	0	20.48	20.37	20.47	20.35	20.26		
5	64QAM	1	0	20.34	20.35	20.44	20.21	20.27	22	1.6
5	64QAM	1	12	20.24	20.26	20.37	20.25	20.24		
5	64QAM	1	24	20.14	20.24	20.31	20.11	20.17		
5	64QAM	12	0	19.41	19.45	19.54	19.43	19.31	21	2.6
5	64QAM	12	7	19.29	19.45	19.49	19.24	19.34		
5	64QAM	12	13	19.32	19.36	19.46	19.21	19.19		
5	64QAM	25	0	19.42	19.38	19.46	19.31	19.34		
5	256QAM	1	0	17.39	17.47	17.58	17.43	17.40	19	4.6
5	256QAM	1	12	17.45	17.46	17.54	17.47	17.35		
5	256QAM	1	24	17.28	17.28	17.43	17.37	17.28		
5	256QAM	12	0	17.36	17.50	17.57	17.46	17.30	19	4.6
5	256QAM	12	7	17.35	17.43	17.50	17.33	17.34		
5	256QAM	12	13	17.32	17.33	17.36	17.32	17.27		
5	256QAM	25	0	17.25	17.31	17.35	17.19	17.16		

Band 41 HPUE Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.04	24.01	24.13	23.94	24.10	25.2	0
20	QPSK	1	49	23.87	23.86	24.04	23.92	23.98		
20	QPSK	1	99	23.79	23.78	23.94	23.73	23.96		
20	QPSK	50	0	23.93	23.96	24.10	23.90	23.99	25.2	0
20	QPSK	50	24	23.81	23.80	23.97	23.77	23.83		
20	QPSK	50	50	23.71	23.62	23.88	23.66	23.85		
20	QPSK	100	0	23.98	23.98	24.03	23.77	23.97		
20	16QAM	1	0	23.80	23.82	23.91	23.87	23.89	25.2	0
20	16QAM	1	49	23.71	23.69	23.86	23.61	23.87		
20	16QAM	1	99	23.71	23.61	23.82	23.56	23.87		
20	16QAM	50	0	23.73	23.81	24.01	23.78	23.91	25.2	0
20	16QAM	50	24	23.95	23.85	24.02	23.90	24.03		
20	16QAM	50	50	23.75	23.76	23.93	23.84	23.96		
20	16QAM	100	0	23.71	23.71	23.90	23.63	23.84		
20	64QAM	1	0	23.92	23.88	24.09	23.89	23.99	25.2	0
20	64QAM	1	49	23.78	23.72	23.99	23.87	23.94		
20	64QAM	1	99	23.71	23.68	23.79	23.62	23.85		
20	64QAM	50	0	23.97	23.87	24.07	23.90	23.98	25	0.2
20	64QAM	50	24	23.94	23.84	24.02	23.79	24.07		
20	64QAM	50	50	23.83	23.72	23.98	23.87	23.92		
20	64QAM	100	0	23.76	23.69	23.80	23.70	23.82		
20	256QAM	1	0	21.51	21.49	21.68	21.44	21.58	23	2.2
20	256QAM	1	49	21.43	21.41	21.61	21.42	21.52		
20	256QAM	1	99	21.30	21.36	21.55	21.41	21.51		
20	256QAM	50	0	21.37	21.38	21.52	21.34	21.45	23	2.2
20	256QAM	50	24	21.27	21.23	21.46	21.24	21.39		
20	256QAM	50	50	21.23	21.26	21.41	21.20	21.35		
20	256QAM	100	0	21.10	21.12	21.34	21.15	21.24		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	23.97	23.96	24.02	23.81	23.94	25.20	0
15	QPSK	1	37	23.82	23.79	23.89	23.85	23.93		
15	QPSK	1	74	23.70	23.72	23.85	23.60	23.87		
15	QPSK	36	0	23.90	23.90	23.93	23.85	23.87	25.2	0
15	QPSK	36	20	23.63	23.73	23.88	23.69	23.76		
15	QPSK	36	39	23.66	23.44	23.81	23.56	23.71		
15	QPSK	75	0	23.92	23.90	23.98	23.60	23.86		
15	16QAM	1	0	23.70	23.79	23.82	23.84	23.78	25.2	0
15	16QAM	1	37	23.55	23.59	23.76	23.49	23.69		
15	16QAM	1	74	23.64	23.53	23.65	23.45	23.75		
15	16QAM	36	0	23.57	23.69	23.98	23.69	23.81	25.2	0
15	16QAM	36	20	23.79	23.71	23.88	23.76	23.86		
15	16QAM	36	39	23.64	23.64	23.87	23.72	23.86		
15	16QAM	75	0	23.55	23.58	23.76	23.50	23.81		
15	64QAM	1	0	23.89	23.76	24.03	23.73	23.89	25.2	0
15	64QAM	1	37	23.69	23.55	23.92	23.83	23.71		
15	64QAM	1	74	23.68	23.54	23.71	23.57	23.71		
15	64QAM	36	0	23.88	23.70	23.94	23.77	23.85	25	0.2
15	64QAM	36	20	23.84	23.72	23.84	23.76	23.94		
15	64QAM	36	39	23.76	23.59	23.91	23.72	23.77		
15	64QAM	75	0	23.70	23.60	23.77	23.58	23.67		
15	256QAM	1	0	21.44	21.44	21.54	21.33	21.45	23	2.2
15	256QAM	1	37	21.29	21.29	21.56	21.28	21.46		
15	256QAM	1	74	21.25	21.29	21.52	21.31	21.41		
15	256QAM	36	0	21.28	21.27	21.39	21.26	21.30	23	2.2
15	256QAM	36	20	21.12	21.14	21.34	21.18	21.27		
15	256QAM	36	39	21.14	21.22	21.37	21.12	21.30		
15	256QAM	75	0	21.06	21.19	21.21	21.00	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.92	23.87	23.98	23.77	23.95	25.20	0
10	QPSK	1	25	23.80	23.80	23.95	23.78	23.86		
10	QPSK	1	49	23.76	23.70	23.85	23.66	23.84		
10	QPSK	25	0	23.87	23.85	23.95	23.73	23.91	25.2	0
10	QPSK	25	12	23.64	23.75	23.89	23.67	23.87		
10	QPSK	25	25	23.63	23.57	23.77	23.57	23.74		
10	QPSK	50	0	23.87	23.85	23.91	23.66	23.87		
10	16QAM	1	0	23.62	23.68	23.87	23.76	23.85	25.2	0
10	16QAM	1	25	23.65	23.61	23.79	23.54	23.82		
10	16QAM	1	49	23.57	23.52	23.70	23.44	23.79		
10	16QAM	25	0	23.66	23.64	23.89	23.65	23.79	25.2	0
10	16QAM	25	12	23.60	23.67	23.89	23.76	23.99		
10	16QAM	25	25	23.67	23.61	23.77	23.74	23.92		
10	16QAM	50	0	23.60	23.68	23.73	23.52	23.76		
10	64QAM	1	0	23.88	23.83	24.04

Band 42 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.66	23.71	23.59	24	0
20	QPSK	1	49	23.62	23.66	23.57		
20	QPSK	1	99	23.52	23.59	23.48		
20	QPSK	50	0	22.57	22.65	22.53	23	1
20	QPSK	50	24	22.56	22.60	22.56		
20	QPSK	50	50	22.45	22.53	22.39		
20	QPSK	100	0	22.44	22.58	22.51		
20	16QAM	1	0	22.38	22.52	22.42	23	1
20	16QAM	1	49	22.37	22.47	22.44		
20	16QAM	1	99	22.35	22.40	22.30		
20	16QAM	50	0	21.52	21.66	21.59	22	2
20	16QAM	50	24	21.53	21.61	21.48		
20	16QAM	50	50	21.44	21.54	21.49		
20	16QAM	100	0	21.46	21.58	21.47		
20	64QAM	1	0	21.45	21.53	21.48	22	2
20	64QAM	1	49	21.38	21.48	21.44		
20	64QAM	1	99	21.36	21.41	21.37		
20	64QAM	50	0	20.56	20.60	20.53	21	3
20	64QAM	50	24	20.50	20.55	20.50		
20	64QAM	50	50	20.40	20.48	20.34		
20	64QAM	100	0	20.43	20.55	20.40		
20	256QAM	1	0	18.46	18.51	18.42	19	5
20	256QAM	1	49	18.35	18.46	18.36		
20	256QAM	1	99	18.28	18.39	18.30		
20	256QAM	50	0	18.40	18.46	18.34	19	5
20	256QAM	50	24	18.27	18.41	18.20		
20	256QAM	50	50	18.29	18.34	18.21		
20	256QAM	100	0	18.37	18.40	18.34		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.53	23.67	23.45	24	0
15	QPSK	1	37	23.54	23.60	23.53		
15	QPSK	1	74	23.49	23.46	23.38		
15	QPSK	36	0	22.49	22.50	22.44	23	1
15	QPSK	36	20	22.51	22.47	22.50		
15	QPSK	36	39	22.40	22.41	22.35		
15	QPSK	75	0	22.31	22.54	22.37		
15	16QAM	1	0	22.35	22.38	22.29	23	1
15	16QAM	1	37	22.31	22.37	22.38		
15	16QAM	1	74	22.32	22.32	22.24		
15	16QAM	36	0	21.47	21.54	21.51	22	2
15	16QAM	36	20	21.43	21.56	21.41		
15	16QAM	36	39	21.36	21.45	21.34		
15	16QAM	75	0	21.39	21.44	21.41		
15	64QAM	1	0	21.40	21.40	21.36	22	2
15	64QAM	1	37	21.27	21.36	21.30		
15	64QAM	1	74	21.25	21.37	21.27		
15	64QAM	36	0	20.43	20.56	20.40	21	3
15	64QAM	36	20	20.43	20.41	20.38		
15	64QAM	36	39	20.35	20.35	20.25		
15	64QAM	75	0	20.34	20.46	20.35		
15	256QAM	1	0	18.40	18.46	18.28	19	5
15	256QAM	1	37	18.26	18.32	18.22		
15	256QAM	1	74	18.22	18.35	18.23		
15	256QAM	36	0	18.31	18.43	18.30	19	5
15	256QAM	36	20	18.17	18.29	18.13		
15	256QAM	36	39	18.18	18.25	18.14		
15	256QAM	75	0	18.32	18.32	18.23		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.59	23.63	23.54	24	0
10	QPSK	1	25	23.49	23.51	23.52		
10	QPSK	1	49	23.43	23.49	23.34		
10	QPSK	25	0	22.50	22.52	22.48	23	1
10	QPSK	25	12	22.50	22.53	22.52		
10	QPSK	25	25	22.35	22.45	22.28		
10	QPSK	50	0	22.37	22.53	22.47		
10	16QAM	1	0	22.27	22.36	22.26	23	1
10	16QAM	1	25	22.22	22.39	22.32		
10	16QAM	1	49	22.24	22.34	22.22		
10	16QAM	25	0	21.37	21.61	21.45	22	2
10	16QAM	25	12	21.42	21.50	21.40		
10	16QAM	25	25	21.35	21.42	21.45		
10	16QAM	50	0	21.34	21.51	21.34		
10	64QAM	1	0	21.33	21.47	21.35	22	2
10	64QAM	1	25	21.24	21.37	21.29		
10	64QAM	1	49	21.30	21.27	21.33		
10	64QAM	25	0	20.42	20.48	20.43	21	3
10	64QAM	25	12	20.42	20.41	20.42		
10	64QAM	25	25	20.30	20.34	20.26		
10	64QAM	50	0	20.33	20.50	20.29		
10	256QAM	1	0	18.40	18.43	18.39	19	5
10	256QAM	1	25	18.25	18.35	18.29		
10	256QAM	1	49	18.15	18.33	18.24		
10	256QAM	25	0	18.32	18.39	18.24	19	5
10	256QAM	25	12	18.19	18.32	18.15		
10	256QAM	25	25	18.16	18.25	18.15		
10	256QAM	50	0	18.34	18.32	18.31		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.56	23.65	23.44	24	0
5	QPSK	1	12	23.47	23.60	23.54		
5	QPSK	1	24	23.46	23.55	23.39		
5	QPSK	12	0	22.45	22.59	22.46	23	1
5	QPSK	12	7	22.42	22.54	22.47		
5	QPSK	12	13	22.35	22.48	22.34		
5	QPSK	25	0	22.34	22.45	22.37		
5	16QAM	1	0	22.30	22.46	22.31	23	1
5	16QAM	1	12	22.28	22.35	22.38		
5	16QAM	1	24	22.26	22.27	22.23		
5	16QAM	12	0	21.48	21.53	21.50	22	2
5	16QAM	12	7	21.45	21.48	21.41		
5	16QAM	12	13	21.35	21.41	21.35		
5	16QAM	25	0	21.39	21.47	21.41		
5	64QAM	1	0	21.39	21.48	21.43	22	2
5	64QAM	1	12	21.35	21.41	21.40		
5	64QAM	1	24	21.27	21.29	21.27		
5	64QAM	12	0	20.50	20.47	20.47	21	3
5	64QAM	12	7	20.47	20.42	20.37		
5	64QAM	12	13	20.25	20.34	20.25		
5	64QAM	25	0	20.38	20.43	20.32		
5	256QAM	1	0	18.40	18.43	18.29	19	5
5	256QAM	1	12	18.30	18.32	18.27		
5	256QAM	1	24	18.18	18.29	18.26		
5	256QAM	12	0	18.28	18.32	18.24	19	5
5	256QAM	12	7	18.12	18.36	18.07		
5	256QAM	12	13	18.17	18.30	18.12		
5	256QAM	25	0	18.23	18.30	18.19		

Band 42 Part 96 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3660	3675	3690		
20	QPSK	1	0	23.56	23.58	23.43	24	0
20	QPSK	1	49	23.56	23.55	23.43		
20	QPSK	1	99	23.38	23.52	23.37		
20	QPSK	50	0	22.47	22.60	22.48	23	1
20	QPSK	50	24	22.44	22.43	22.45		
20	QPSK	50	50	22.36	22.35	22.33		
20	QPSK	100	0	22.29	22.53	22.46		
20	16QAM	1	0	22.35	22.37	22.38	23	1
20	16QAM	1	49	22.23	22.32	22.26		
20	16QAM	1	99	22.26	22.34	22.15		
20	16QAM	50	0	21.40	21.64	21.43	22	2
20	16QAM	50	24	21.39	21.48	21.46		
20	16QAM	50	50	21.26	21.51	21.41		
20	16QAM	100	0	21.30	21.50	21.32		
20	64QAM	1	0	21.38	21.50	21.38	22	2
20	64QAM	1	49	21.25	21.44	21.29		
20	64QAM	1	99	21.26	21.28	21.23		
20	64QAM	50	0	20.49	20.56	20.51	21	3
20	64QAM	50	24	20.40	20.49	20.47		
20	64QAM	50	50	20.35	20.39	20.18		
20	64QAM	100	0	20.29	20.41	20.27		
20	256QAM	1	0	18.33	18.38	18.30	19	5
20	256QAM	1	49	18.27	18.37	18.30		
20	256QAM	1	99	18.22	18.24	18.20		
20	256QAM	50	0	18.37	18.35	18.27	19	5
20	256QAM	50	24	18.15	18.34	18.03		
20	256QAM	50	50	18.17	18.21	18.03		
20	256QAM	100	0	18.32	18.35	18.24		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3675	3692.5		
15	QPSK	1	0	23.52	23.56	23.42	24	0
15	QPSK	1	37	23.45	23.52	23.42		
15	QPSK	1	74	23.36	23.41	23.31		
15	QPSK	36	0	22.38	22.58	22.39	23	1
15	QPSK	36	20	22.32	22.28	22.36		
15	QPSK	36	39	22.31	22.25	22.22		
15	QPSK	75	0	22.24	22.39	22.37		
15	16QAM	1	0	22.31	22.29	22.29	23	1
15	16QAM	1	37	22.08	22.27	22.13		
15	16QAM	1	74	22.23	22.26	22.11		
15	16QAM	36	0	21.31	21.50	21.37	22	2
15	16QAM	36	20	21.32	21.33	21.44		
15	16QAM	36	39	21.21	21.42	21.26		
15	16QAM	75	0	21.22	21.42	21.22		
15	64QAM	1	0	21.35	21.46	21.35	22	2
15	64QAM	1	37	21.09	21.39	21.25		
15	64QAM	1	74	21.21	21.18	21.21		
15	64QAM	36	0	20.45	20.54	20.35	21	3
15	64QAM	36	20	20.23	20.46	20.31		
15	64QAM	36	39	20.31	20.22	20.05		
15	64QAM	75	0	20.16	20.32	20.25		
15	256QAM	1	0	18.30	18.36	18.24	19	5
15	256QAM	1	37	18.22	18.25	18.17		
15	256QAM	1	74	18.12	18.18	18.18		
15	256QAM	36	0	18.29	18.32	18.15	19	5
15	256QAM	36	20	18.11	18.32	17.87		
15	256QAM	36	39	18.12	18.17	17.89		
15	256QAM	75	0	18.27	18.21	18.18		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652	3675	3698		
10	QPSK	1	0	23.42	23.51	23.32	24	0
10	QPSK	1	25	23.42	23.49	23.40		
10	QPSK	1	49	23.26	23.50	23.27		
10	QPSK	25	0	22.33	22.44	22.41	23	1
10	QPSK	25	12	22.39	22.33	22.38		
10	QPSK	25	25	22.34	22.29	22.22		
10	QPSK	50	0	22.24	22.45	22.45		
10	16QAM	1	0	22.32	22.34	22.22	23	1
10	16QAM	1	25	22.16	22.16	22.17		
10	16QAM	1	49	22.14	22.27	22.05		
10	16QAM	25	0	21.31	21.63	21.34	22	2
10	16QAM	25	12	21.31	21.36	21.30		
10	16QAM	25	25	21.21	21.39	21.31		
10	16QAM	50	0	21.23	21.47	21.26		
10	64QAM	1	0	21.34	21.46	21.37	22	2
10	64QAM	1	25	21.16	21.30	21.28		
10	64QAM	1	49	21.19	21.20	21.18		
10	64QAM	25	0	20.37	20.42	20.38	21	3
10	64QAM	25	12	20.38	20.46	20.45		
10	64QAM	25	25	20.28	20.32	20.02		
10	64QAM	50	0	20.27	20.40	20.19		
10	256QAM	1	0	18.16	18.36	18.19	19	5
10	256QAM	1	25	18.16	18.21	18.18		
10	256QAM	1	49	18.17	18.10	18.10		
10	256QAM	25	0	18.22	18.32	18.24	19	5
10	256QAM	25	12	18.02	18.26	18.01		
10	256QAM	25	25	18.01	18.04	18.00		
10	256QAM	50	0	18.29	18.22	18.08		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3650.5	3675	3697.5		
5	QPSK	1	0	23.53	23.44	23.40	24	0
5	QPSK	1	12	23.47	23.46	23.26		
5	QPSK	1	24	23.31	23.38	23.22		
5	QPSK	12	0	22.33	22.54	22.45	23	1
5	QPSK	12	7	22.35	22.33	22.41		
5	QPSK	12	13	22.25	22.33	22.25		
5	QPSK	25	0	22.12	22.44	22.39		
5	16QAM	1	0	22.21	22.40	22.25	23	1
5	16QAM	1	12	22.18	22.23	22.24		
5	16QAM	1	24	22.19	22.23	22.11		
5	16QAM	12	0	21.37	21.48	21.36	22	2
5	16QAM	12	7	21.35	21.43	21.32		
5	16QAM	12	13	21.23	21.41	21.36		
5	16QAM	25	0	21.16	21.36	21.22		
5	64QAM	1	0	21.29	21.43	21.33	22	2
5	64QAM	1	12	21.17	21.30	21.23		
5	64QAM	1	24	21.24	21.17	21.10		
5	64QAM	12	0	20.48	20.46	20.41	21	3
5	64QAM	12	7	20.36	20.45	20.36		
5	64QAM	12	13	20.19	20.34	20.06		
5	64QAM	25	0	20.27	20.26	20.26		
5	256QAM	1	0	18.26	18.31	18.15	19	5
5	256QAM	1	12	18.22	18.26	18.23		
5	256QAM	1	24	18.18	18.12	18.18		
5	256QAM	12	0	18.32	18.28	18.18	19	5
5	256QAM	12	7	18.12	18.20	18.01		
5	256QAM	12	13	18.10	18.08	17.89		
5	256QAM	25	0	18.24	18.26	18.13		

Band 43 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	23.60	23.64	23.55	24	0
20	QPSK	1	49	23.54	23.59	23.48		
20	QPSK	1	99	23.47	23.52	23.47		
20	QPSK	50	0	22.51	22.57	22.45	23	1
20	QPSK	50	24	22.39	22.52	22.39		
20	QPSK	50	50	22.34	22.45	22.32		
20	QPSK	100	0	22.47	22.51	22.37		
20	16QAM	1	0	22.43	22.46	22.36	23	1
20	16QAM	1	49	22.36	22.41	22.38		
20	16QAM	1	99	22.30	22.34	22.29		
20	16QAM	50	0	21.41	21.53	21.49	22	2
20	16QAM	50	24	21.44	21.48	21.41		
20	16QAM	50	50	21.32	21.41	21.28		
20	16QAM	100	0	21.32	21.47	21.40		
20	64QAM	1	0	21.29	21.42	21.37	22	2
20	64QAM	1	49	21.31	21.37	21.33		
20	64QAM	1	99	21.24	21.30	21.21		
20	64QAM	50	0	20.46	20.53	20.40	21	3
20	64QAM	50	24	20.37	20.48	20.41		
20	64QAM	50	50	20.34	20.41	20.26		
20	64QAM	100	0	20.43	20.48	20.36		
20	256QAM	1	0	18.35	18.44	18.29	19	5
20	256QAM	1	49	18.29	18.39	18.35		
20	256QAM	1	99	18.19	18.32	18.19		
20	256QAM	50	0	18.34	18.37	18.31	19	5
20	256QAM	50	24	18.25	18.32	18.19		
20	256QAM	50	50	18.12	18.25	18.17		
20	256QAM	100	0	18.27	18.32	18.21		
Channel				43665	44090	44515	Tune-up limit	MPR
Frequency (MHz)				3607.5	3650	3692.5	(dBm)	(dB)
15	QPSK	1	0	23.45	23.60	23.46	24	0
15	QPSK	1	37	23.51	23.50	23.33		
15	QPSK	1	74	23.43	23.43	23.34		
15	QPSK	36	0	22.45	22.46	22.37	23	1
15	QPSK	36	20	22.33	22.43	22.28		
15	QPSK	36	39	22.28	22.36	22.24		
15	QPSK	75	0	22.32	22.43	22.23		
15	16QAM	1	0	22.37	22.32	22.22	23	1
15	16QAM	1	37	22.25	22.35	22.25		
15	16QAM	1	74	22.26	22.26	22.26		
15	16QAM	36	0	21.28	21.46	21.38	22	2
15	16QAM	36	20	21.30	21.35	21.38		
15	16QAM	36	39	21.25	21.32	21.15		
15	16QAM	75	0	21.22	21.40	21.37		
15	64QAM	1	0	21.19	21.30	21.34	22	2
15	64QAM	1	37	21.18	21.26	21.20		
15	64QAM	1	74	21.15	21.21	21.08		
15	64QAM	36	0	20.35	20.44	20.30	21	3
15	64QAM	36	20	20.29	20.41	20.34		
15	64QAM	36	39	20.30	20.36	20.22		
15	64QAM	75	0	20.39	20.42	20.27		
15	256QAM	1	0	18.23	18.30	18.26	19	5
15	256QAM	1	37	18.22	18.24	18.25		
15	256QAM	1	74	18.04	18.24	18.15		
15	256QAM	36	0	18.26	18.28	18.21	19	5
15	256QAM	36	20	18.21	18.22	18.05		
15	256QAM	36	39	18.03	18.21	18.11		
15	256QAM	75	0	18.13	18.28	18.09		
Channel				43640	44090	44540	Tune-up limit	MPR
Frequency (MHz)				3605	3650	3695	(dBm)	(dB)
10	QPSK	1	0	23.50	23.54	23.45	24	0
10	QPSK	1	25	23.51	23.48	23.34		
10	QPSK	1	49	23.42	23.38	23.37		
10	QPSK	25	0	22.48	22.51	22.36	23	1
10	QPSK	25	12	22.31	22.48	22.32		
10	QPSK	25	25	22.27	22.38	22.18		
10	QPSK	50	0	22.35	22.40	22.24		
10	16QAM	1	0	22.32	22.33	22.32	23	1
10	16QAM	1	25	22.23	22.36	22.29		
10	16QAM	1	49	22.24	22.21	22.22		
10	16QAM	25	0	21.34	21.44	21.35	22	2
10	16QAM	25	12	21.32	21.36	21.31		
10	16QAM	25	25	21.23	21.31	21.16		
10	16QAM	50	0	21.24	21.43	21.27		
10	64QAM	1	0	21.19	21.34	21.25	22	2
10	64QAM	1	25	21.16	21.25	21.20		
10	64QAM	1	49	21.15	21.27	21.06		
10	64QAM	25	0	20.32	20.40	20.35	21	3
10	64QAM	25	12	20.33	20.40	20.30		
10	64QAM	25	25	20.25	20.35	20.13		
10	64QAM	50	0	20.34	20.40	20.27		
10	256QAM	1	0	18.30	18.34	18.19	19	5
10	256QAM	1	25	18.23	18.31	18.31		
10	256QAM	1	49	18.09	18.18	18.04		
10	256QAM	25	0	18.29	18.23	18.20	19	5
10	256QAM	25	12	18.16	18.29	18.10		
10	256QAM	25	25	18.05	18.18	18.14		
10	256QAM	50	0	18.20	18.18	18.12		
Channel				43615	44090	44565	Tune-up limit	MPR
Frequency (MHz)				3602.5	3650	3697.5	(dBm)	(dB)
5	QPSK	1	0	23.47	23.59	23.50	24	0
5	QPSK	1	12	23.49	23.55	23.44		
5	QPSK	1	24	23.36	23.43	23.32		
5	QPSK	12	0	22.37	22.44	22.32	23	1
5	QPSK	12	7	22.27	22.41	22.31		
5	QPSK	12	13	22.26	22.31	22.23		
5	QPSK	25	0	22.41	22.38	22.24		
5	16QAM	1	0	22.28	22.31	22.31	23	1
5	16QAM	1	12	22.28	22.29	22.32		
5	16QAM	1	24	22.19	22.25	22.22		
5	16QAM	12	0	21.31	21.46	21.45	22	2
5	16QAM	12	7	21.32	21.44	21.37		
5	16QAM	12	13	21.19	21.32	21.20		
5	16QAM	25	0	21.25	21.39	21.33		
5	64QAM	1	0	21.24	21.28	21.26	22	2
5	64QAM	1	12	21.26	21.32	21.22		
5	64QAM	1	24	21.15	21.15	21.08		
5	64QAM	12	0	20.32	20.47	20.26	21	3
5	64QAM	12	7	20.28	20.44	20.27		
5	64QAM	12	13	20.20	20.35	20.17		
5	64QAM	25	0	20.31	20.42	20.25		
5	256QAM	1	0	18.30	18.35	18.15	19	5
5	256QAM	1	12	18.22	18.30	18.29		
5	256QAM	1	24	18.06	18.29	18.07		
5	256QAM	12	0	18.28	18.26	18.27	19	5
5	256QAM	12	7	18.13	18.23	18.10		
5	256QAM	12	13	18.03	18.12	18.06		
5	256QAM	25	0	18.15	18.20	18.15		

Band 48 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.72	23.88	23.79	23.66	24	0
20	QPSK	1	49	23.56	23.76	23.61	23.54		
20	QPSK	1	99	23.56	23.65	23.58	23.60		
20	QPSK	50	0	23.64	23.74	23.57	23.53	24	0
20	QPSK	50	24	23.48	23.66	23.49	23.50		
20	QPSK	50	50	23.49	23.49	23.45	23.37		
20	QPSK	100	0	23.52	23.68	23.59	23.48		
20	16QAM	1	0	23.67	23.84	23.73	23.52	24	0
20	16QAM	1	49	23.65	23.74	23.66	23.62		
20	16QAM	1	99	23.64	23.66	23.64	23.49		
20	16QAM	50	0	22.62	22.75	22.66	22.71	23	1
20	16QAM	50	24	22.59	22.70	22.63	22.63		
20	16QAM	50	50	22.56	22.63	22.58	22.48		
20	16QAM	100	0	22.65	22.69	22.58	22.57		
20	64QAM	1	0	22.52	22.61	22.57	22.54	23	1
20	64QAM	1	49	22.46	22.56	22.50	22.49		
20	64QAM	1	99	22.37	22.49	22.40	22.35		
20	64QAM	50	0	21.60	21.74	21.66	21.68	22	2
20	64QAM	50	24	21.57	21.69	21.55	21.59		
20	64QAM	50	50	21.57	21.62	21.52	21.57		
20	64QAM	100	0	21.64	21.70	21.60	21.60		
20	256QAM	1	0	19.54	19.64	19.53	19.56	20	4
20	256QAM	1	49	19.55	19.59	19.45	19.52		
20	256QAM	1	99	19.46	19.52	19.48	19.40		
20	256QAM	50	0	19.54	19.58	19.44	19.52	20	4
20	256QAM	50	24	19.39	19.53	19.39	19.41		
20	256QAM	50	50	19.43	19.46	19.36	19.40		
20	256QAM	100	0	19.43	19.52	19.40	19.47		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	23.58	23.83	23.65	23.60	24	0
15	QPSK	1	37	23.49	23.62	23.51	23.42		
15	QPSK	1	74	23.52	23.51	23.50	23.51		
15	QPSK	36	0	23.54	23.69	23.49	23.42	24	0
15	QPSK	36	20	23.33	23.62	23.35	23.37		
15	QPSK	36	39	23.38	23.44	23.40	23.34		
15	QPSK	75	0	23.44	23.64	23.52	23.38		
15	16QAM	1	0	23.52	23.76	23.59	23.40	24	0
15	16QAM	1	37	23.51	23.60	23.62	23.51		
15	16QAM	1	74	23.59	23.51	23.50	23.45		
15	16QAM	36	0	22.58	22.69	22.57	22.66	23	1
15	16QAM	36	20	22.46	22.65	22.49	22.49		
15	16QAM	36	39	22.53	22.49	22.55	22.40		
15	16QAM	75	0	22.51	22.58	22.53	22.48		
15	64QAM	1	0	22.48	22.47	22.44	22.46	23	1
15	64QAM	1	37	22.33	22.52	22.43	22.45		
15	64QAM	1	74	22.23	22.42	22.28	22.31		
15	64QAM	36	0	21.54	21.64	21.56	21.59	22	2
15	64QAM	36	20	21.44	21.64	21.45	21.49		
15	64QAM	36	39	21.50	21.58	21.38	21.53		
15	64QAM	75	0	21.58	21.63	21.55	21.54		
15	256QAM	1	0	19.46	19.51	19.40	19.49	20	4
15	256QAM	1	37	19.48	19.53	19.41	19.40		
15	256QAM	1	74	19.41	19.47	19.44	19.25		
15	256QAM	36	0	19.46	19.44	19.34	19.41	20	4
15	256QAM	36	20	19.30	19.39	19.31	19.33		
15	256QAM	36	39	19.39	19.33	19.23	19.26		
15	256QAM	75	0	19.31	19.46	19.27	19.40		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	23.65	23.74	23.67	23.61	24	0
10	QPSK	1	25	23.49	23.70	23.49	23.47		
10	QPSK	1	49	23.43	23.56	23.48	23.55		
10	QPSK	25	0	23.53	23.61	23.50	23.47	24	0
10	QPSK	25	12	23.40	23.54	23.45	23.42		
10	QPSK	25	25	23.45	23.37	23.31	23.27		
10	QPSK	50	0	23.40	23.62	23.53	23.44		
10	16QAM	1	0	23.59	23.80	23.65	23.46	24	0
10	16QAM	1	25	23.51	23.64	23.62	23.47		
10	16QAM	1	49	23.54	23.58	23.60	23.42		
10	16QAM	25	0	22.51	22.62	22.56	22.62	23	1
10	16QAM	25	12	22.54	22.59	22.57	22.59		
10	16QAM	25	25	22.51	22.49	22.54	22.34		
10	16QAM	50	0	22.50	22.58	22.49	22.45		
10	64QAM	1	0	22.47	22.53	22.52	22.39	23	1
10	64QAM	1	25	22.33	22.42	22.44	22.38		
10	64QAM	1	49	22.29	22.41	22.32	22.29		
10	64QAM	25	0	21.54	21.66	21.62	21.64	22	2
10	64QAM	25	12	21.52	21.61	21.49	21.45		
10	64QAM	25	25	21.53	21.54	21.45	21.45		
10	64QAM	50	0	21.52	21.61	21.52	21.47		
10	256QAM	1	0	19.49	19.53	19.45	19.44	20	4
10	256QAM	1	25	19.43	19.54	19.34	19.48		
10	256QAM	1	49	19.38	19.39	19.35	19.28		
10	256QAM	25	0	19.47	19.46	19.33	19.45	20	4
10	256QAM	25	12	19.30	19.45	19.24	19.32		
10	256QAM	25	25	19.32	19.42	19.30	19.29		
10	256QAM	50	0	19.35	19.39	19.26	19.38		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	23.67	23.77	23.66	23.54	24	0
5	QPSK	1	12	23.43	23.69	23.50	23.45		
5	QPSK	1	24	23.53	23.59	23.55	23.55		
5	QPSK	12	0	23.56	23.71	23.48	23.45	24	0
5	QPSK	12	7	23.44	23.60	23.38	23.36		
5	QPSK	12	13	23.41	23.35	23.31	23.29		
5	QPSK	25	0	23.44	23.59	23.45	23.43		
5	16QAM	1	0	23.53	23.73	23.69	23.49	24	0
5	16QAM	1	12	23.53	23.66	23.57	23.55		
5	16QAM	1	24	23.55	23.61	23.49	23.40		
5	16QAM	12	0	22.52	22.71	22.54	22.68	23	1
5	16QAM	12	7	22.52	22.60	22.51	22.55		
5	16QAM	12	13	22.43	22.55	22.47	22.36		
5	16QAM	25	0	22.59	22.63	22.49	22.43	23	1
5	64QAM	1	0	22.46	22.58	22.51	22.42		
5	64QAM	1	12	22.34	22.50	22.42	22.34		
5	64QAM	1	24	22.24	22.39	22.25	22.24		
5	64QAM	12	0	21.51	21.69	21.51	21.59	22	2
5	64QAM	12	7	21.43	21.56	21.50	21.46		
5	64QAM	12	13	21.43	21.52	21.43	21.45		
5	64QAM	25	0	21.58	21.58	21.51	21.47		
5	256QAM	1	0	19.44	19.52	19.43	19.46	20	4
5	256QAM	1	12	19.48	19.49	19.38	19.42		
5	256QAM	1	24	19.32	19.47	19.42	19.33		
5	256QAM	12	0	19.48	19.54	19.33	19.48	20	4
5	256QAM	12	7	19.27	19.47	19.35	19.33		
5	256QAM	12	13	19.40	19.38	19.28	19.28		
5	256QAM	25	0	19.37	19.47	19.36	19.40		

GSM1900 ANT2	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
GSM 1 Tx slot	29.32	29.41	29.38	30.00	20.32	20.41	20.38	21.00
GPRS 1 Tx slot	29.35	29.47	29.43	30.00	20.35	20.47	20.43	21.00
GPRS 2 Tx slots	26.38	26.51	26.42	27.00	20.38	20.51	20.42	21.00
GPRS 3 Tx slots	23.74	23.85	23.81	25.50	19.48	19.59	19.55	21.24
GPRS 4 Tx slots	22.18	22.29	22.19	24.00	19.18	19.29	19.19	21.00
EDGE 1 Tx slot	24.14	24.28	24.22	25.50	15.14	15.28	15.22	16.50
EDGE 2 Tx slots	22.45	22.58	22.49	24.00	16.45	16.56	16.49	18.00
EDGE 3 Tx slots	21.38	21.49	21.46	22.50	17.12	17.23	17.20	18.24
EDGE 4 Tx slots	19.33	19.42	19.39	20.50	16.33	16.42	16.39	17.50

Band		WCDMA II ANT2			Tune-up Limit	WCDMA IV ANT2			Tune-up Limit
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6	(dBm)	1712.4	1732.6	1752.6	(dBm)
3GPP Rel 99	AMR 12.2Kbps	21.35	21.46	21.47	22.50	23.20	23.28	23.15	24.00
3GPP Rel 99	RMC 12.2Kbps	21.40	21.55	21.53	22.50	23.29	23.34	23.22	24.00
3GPP Rel 6	HSDPA Subtest-1	20.64	20.70	20.52	21.50	22.27	22.49	22.19	23.00
3GPP Rel 6	HSDPA Subtest-2	20.58	20.70	20.55	21.50	22.23	22.40	22.16	23.00
3GPP Rel 6	HSDPA Subtest-3	19.90	20.27	20.09	21.00	21.72	21.93	21.80	22.50
3GPP Rel 6	HSDPA Subtest-4	19.97	20.11	20.14	21.00	21.71	21.90	21.80	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.57	20.66	20.61	21.50	22.24	22.39	22.31	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.24	20.47	20.45	21.50	22.08	22.13	22.05	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.87	19.90	19.94	21.00	21.60	21.62	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.94	19.96	19.83	21.00	21.60	21.72	21.56	22.50
3GPP Rel 6	HSUPA Subtest-1	20.63	20.77	20.70	21.50	22.28	22.52	22.50	23.00
3GPP Rel 6	HSUPA Subtest-2	18.63	18.70	18.42	19.50	20.30	20.36	20.12	21.00
3GPP Rel 6	HSUPA Subtest-3	19.46	19.65	19.66	20.50	21.37	21.30	21.33	22.00
3GPP Rel 6	HSUPA Subtest-4	18.43	18.62	18.37	19.50	20.12	20.30	20.17	21.00
3GPP Rel 6	HSUPA Subtest-5	20.72	20.64	20.62	21.50	22.38	22.30	22.33	23.00

Band 2 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	21.12	21.24	21.07	22	0
20	QPSK	1	49	21.00	21.06	20.92		
20	QPSK	1	99	20.92	21.04	20.92		
20	QPSK	50	0	20.80	20.90	20.86	21.5	0.5
20	QPSK	50	24	20.71	20.85	20.78		
20	QPSK	50	50	20.63	20.78	20.74		
20	QPSK	100	0	20.79	20.83	20.78		
20	16QAM	1	0	20.75	20.79	20.75		
20	16QAM	1	49	20.59	20.74	20.64	21.5	0.5
20	16QAM	1	99	20.60	20.67	20.61		
20	16QAM	50	0	19.82	19.91	19.86	20.5	1.5
20	16QAM	50	24	19.74	19.86	19.73		
20	16QAM	50	50	19.67	19.79	19.69		
20	16QAM	100	0	19.77	19.86	19.81		
20	64QAM	1	0	19.78	19.83	19.71	20.5	1.5
20	64QAM	1	49	19.64	19.78	19.71		
20	64QAM	1	99	19.66	19.71	19.61		
20	64QAM	50	0	18.72	18.80	18.73	19.5	2.5
20	64QAM	50	24	18.64	18.75	18.70		
20	64QAM	50	50	18.61	18.68	18.63		
20	64QAM	100	0	18.64	18.71	18.58		
20	256QAM	1	0	16.93	16.96	16.82	17.5	4.5
20	256QAM	1	49	16.87	16.91	16.80		
20	256QAM	1	99	16.80	16.84	16.73		
20	256QAM	50	0	16.71	16.83	16.74	17.5	4.5
20	256QAM	50	24	16.64	16.78	16.72		
20	256QAM	50	50	16.66	16.71	16.60		
20	256QAM	100	0	16.73	16.78	16.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.01	21.18	20.92	22	0
15	QPSK	1	37	20.92	20.99	20.84		
15	QPSK	1	74	20.84	20.98	20.82		
15	QPSK	36	0	20.74	20.84	20.75	21.5	0.5
15	QPSK	36	20	20.66	20.73	20.70		
15	QPSK	36	39	20.52	20.71	20.62		
15	QPSK	75	0	20.67	20.76	20.71		
15	16QAM	1	0	20.61	20.69	20.63	21.5	0.5
15	16QAM	1	37	20.51	20.68	20.58		
15	16QAM	1	74	20.51	20.63	20.54		
15	16QAM	36	0	19.67	19.77	19.76	20.5	1.5
15	16QAM	36	20	19.63	19.76	19.62		
15	16QAM	36	39	19.64	19.66	19.60		
15	16QAM	75	0	19.62	19.83	19.72		
15	64QAM	1	0	19.70	19.73	19.60	20.5	1.5
15	64QAM	1	37	19.57	19.75	19.57		
15	64QAM	1	74	19.58	19.62	19.53		
15	64QAM	36	0	18.61	18.76	18.67	19.5	2.5
15	64QAM	36	20	18.52	18.65	18.58		
15	64QAM	36	39	18.50	18.58	18.51		
15	64QAM	75	0	18.52	18.67	18.51		
15	256QAM	1	0	16.86	16.89	16.71	17.5	4.5
15	256QAM	1	37	16.74	16.86	16.70		
15	256QAM	1	74	16.76	16.76	16.69		
15	256QAM	36	0	16.63	16.73	16.71	17.5	4.5
15	256QAM	36	20	16.56	16.73	16.63		
15	256QAM	36	39	16.58	16.62	16.56		
15	256QAM	75	0	16.62	16.74	16.63		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.98	21.15	20.99	22	0
10	QPSK	1	25	20.97	21.02	20.85		
10	QPSK	1	49	20.79	20.99	20.86		
10	QPSK	25	0	20.73	20.82	20.72	21.5	0.5
10	QPSK	25	12	20.62	20.70	20.70		
10	QPSK	25	25	20.52	20.73	20.69		
10	QPSK	50	0	20.69	20.68	20.74		
10	16QAM	1	0	20.66	20.70	20.65	21.5	0.5
10	16QAM	1	25	20.49	20.69	20.53		
10	16QAM	1	49	20.57	20.53	20.47		
10	16QAM	25	0	19.77	19.79	19.76	20.5	1.5
10	16QAM	25	12	19.60	19.81	19.64		
10	16QAM	25	25	19.55	19.69	19.63		
10	16QAM	50	0	19.68	19.78	19.73		
10	64QAM	1	0	19.72	19.72	19.64	20.5	1.5
10	64QAM	1	25	19.53	19.72	19.63		
10	64QAM	1	49	19.60	19.63	19.55		
10	64QAM	25	0	18.69	18.72	18.67	19.5	2.5
10	64QAM	25	12	18.55	18.62	18.56		
10	64QAM	25	25	18.56	18.60	18.49		
10	64QAM	50	0	18.53	18.62	18.48		
10	256QAM	1	0	16.89	16.83	16.68	17.5	4.5
10	256QAM	1	25	16.80	16.79	16.69		
10	256QAM	1	49	16.69	16.74	16.64		
10	256QAM	25	0	16.65	16.77	16.62	17.5	4.5
10	256QAM	25	12	16.53	16.68	16.67		
10	256QAM	25	25	16.59	16.67	16.46		
10	256QAM	50	0	16.62	16.73	16.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.06	21.11	20.97	22	0
5	QPSK	1	12	20.93	20.94	20.85		
5	QPSK	1	24	20.77	20.89	20.85		
5	QPSK	12	0	20.67	20.79	20.80	21.5	0.5
5	QPSK	12	7	20.57	20.72	20.65		
5	QPSK	12	13	20.48	20.66	20.67		
5	QPSK	25	0	20.66	20.76	20.64		
5	16QAM	1	0	20.67	20.66	20.71	21.5	0.5
5	16QAM	1	12	20.47	20.61	20.50		
5	16QAM	1	24	20.50	20.53	20.55		
5	16QAM	12	0	19.69	19.79	19.72	20.5	1.5
5	16QAM	12	7	19.64	19.80	19.69		
5	16QAM	12	13	19.57	19.72	19.55		
5	16QAM	25	0	19.63	19.73	19.72		
5	64QAM	1	0	19.73	19.74	19.59	20.5	1.5
5	64QAM	1	12	19.59	19.67	19.59		
5	64QAM	1	24	19.55	19.64	19.54		
5	64QAM	12	0	18.64	18.68	18.62	19.5	2.5
5	64QAM	12	7	18.50	18.68	18.58		
5	64QAM	12	13	18.50	18.58	18.59		
5	64QAM	25	0	18.52	18.61	18.49		
5	256QAM	1	0	16.83	16.88	16.73	17.5	4.5
5	256QAM	1	12	16.77	16.84	16.72		
5	256QAM	1	24	16.69	16.77	16.67		
5	256QAM	12	0	16.59	16.78	16.63	17.5	4.5
5	256QAM	12	7	16.53	16.71	16.62		
5	256QAM	12	13	16.61	16.63	16.46		
5	256QAM	25	0	16.62	16.74	16.64		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.98	21.14	20.96	22	0
3	QPSK	1	8	20.95	20.91	20.88		
3	QPSK	1	14	20.85	20.99	20.84		
3	QPSK	8	0	20.73	20.82	20.73	21.5	0.5
3	QPSK	8	4	20.59	20.72	20.70		
3	QPSK	8	7	20.54	20.69	20.61		
3	QPSK	15	0	20.70	20.69	20.69		
3	16QAM	1	0	20.65	20.68	20.60	21.5	0.5
3	16QAM	1	8	20.52	20.62	20.50		
3	16QAM	1	14	20.50	20.58	20.55		
3	16QAM	8	0	19.70	19.77	19.81	20.5	1.5
3	16QAM	8	4	19.66	19.81	19.62		
3	16QAM	8	7	19.62	19.67	19.56		
3	16QAM	15	0	19.68	19.78	19.73		
3	64QAM	1	0	19.67	19.73	19.61	20.5	1.5
3	64QAM	1	8	19.61	19.66	19.59		
3	64QAM	1	14	19.61	19.59	19.56		
3	64QAM	8	0	18.66	18.71	18.60	19.5	2.5
3	64QAM	8	4	18.51	18.70	18.58		
3	64QAM	8	7	18.52	18.57	18.52		
3	64QAM	15	0	18.57	18.67	18.53		
3	256QAM	1	0	16.80	16.83	16.72	17.5	4.5
3	256QAM	1	8	16.73	16.84	16.65		
3	256QAM	1	14	16.76	16.79	16.68		
3	256QAM	8	0	16.62	16.72	16.63	17.5	4.5
3	256QAM	8	4	16.53	16.74	16.67		
3	256QAM	8	7	16.57	16.67	16.50		
3	256QAM	15	0	16.64	16.71	16.57		
Channel				18617	18900	19183	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.03	21.16	20.96	22	0
1.4	QPSK	1	3	20.93	20.96	20.85		
1.4	QPSK	1	5	20.81	20.95	20.86		
1.4	QPSK	3	0	20.98	21.10	21.07		
1.4	QPSK	3	1	20.91	20.96	20.91		
1.4	QPSK	3	3	20.74	20.96	20.87		
1.4	QPSK	6	0	20.73	20.85	20.74	21.5	0.5
1.4	16QAM	1	0	20.57	20.78	20.68	21.5	0.5
1.4	16QAM	1	3	20.57	20.67	20.63		
1.4	16QAM	1	5	20.67	20.69	20.75		
1.4	16QAM	3	0	20.70	20.67	20.66		
1.4	16QAM	3	1	20.47	20.61	20.60		
1.4	16QAM	3	3	20.54	20.57	20.58		
1.4	16QAM	6	0	19.70	19.80	19.74	20.5	1.5
1.4	64QAM	1	0	19.67	19.76	19.68	20.5	1.5
1.4	64QAM	1	3	19.61	19.65	19.65		
1.4	64QAM	1	5	19.71	19.72	19.68		
1.4	64QAM	3	0	19.74	19.75	19.68		
1.4	64QAM	3	1	19.58	19.69	19.57		
1.4	64QAM	3	3	19.63	19.66	19.50		
1.4	64QAM	6	0	18.64	18.76	18.62	19.5	2.5
1.4	256QAM	1	0	16.87	16.86	16.74	17.5	4.5
1.4	256QAM	1	3	16.76	16.85	16.71		
1.4	256QAM	1	5	16.69	16.72	16.60		
1.4	256QAM	3	0	16.63	16.73	16.67		
1.4	256QAM	3	1	16.52	16.68	16.60		
1.4	256QAM	3	3	16.57	16.59	16.46		
1.4	256QAM	6	0	16.66	16.71	16.61	17.5	4.5

Band 4 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.16	21.30	21.12	22	0
20	QPSK	1	49	20.99	21.11	20.94		
20	QPSK	1	99	20.98	21.11	20.88		
20	QPSK	50	0	20.85	20.89	20.81	21.5	0.5
20	QPSK	50	24	20.77	20.84	20.72		
20	QPSK	50	50	20.72	20.77	20.67		
20	QPSK	100	0	20.76	20.84	20.69		
20	16QAM	1	0	20.67	20.81	20.72	21.5	0.5
20	16QAM	1	49	20.69	20.76	20.69		
20	16QAM	1	99	20.59	20.69	20.62		
20	16QAM	50	0	19.91	19.97	19.94	20.5	1.5
20	16QAM	50	24	19.78	19.92	19.80		
20	16QAM	50	50	19.80	19.85	19.79		
20	16QAM	100	0	19.81	19.91	19.78		
20	64QAM	1	0	19.71	19.83	19.68	20.5	1.5
20	64QAM	1	49	19.69	19.78	19.69		
20	64QAM	1	99	19.61	19.71	19.57		
20	64QAM	50	0	18.80	18.92	18.86	19.5	2.5
20	64QAM	50	24	18.79	18.87	18.80		
20	64QAM	50	50	18.76	18.80	18.66		
20	64QAM	100	0	18.83	18.86	18.77		
20	256QAM	1	0	16.85	16.92	16.86	17.5	4.5
20	256QAM	1	49	16.73	16.87	16.79		
20	256QAM	1	99	16.71	16.80	16.70		
20	256QAM	50	0	16.78	16.88	16.85	17.5	4.5
20	256QAM	50	24	16.79	16.83	16.70		
20	256QAM	50	50	16.68	16.76	16.66		
20	256QAM	100	0	16.70	16.84	16.78		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.01	21.25	20.98	22	0
15	QPSK	1	37	20.87	20.97	20.82		
15	QPSK	1	74	20.90	21.07	20.83		
15	QPSK	36	0	20.78	20.82	20.75	21.5	0.5
15	QPSK	36	20	20.71	20.79	20.67		
15	QPSK	36	39	20.66	20.63	20.53		
15	QPSK	75	0	20.65	20.74	20.62		
15	16QAM	1	0	20.54	20.76	20.61	21.5	0.5
15	16QAM	1	37	20.62	20.63	20.62		
15	16QAM	1	74	20.56	20.63	20.54		
15	16QAM	36	0	19.79	19.93	19.88	20.5	1.5
15	16QAM	36	20	19.69	19.78	19.66		
15	16QAM	36	39	19.75	19.71	19.66		
15	16QAM	75	0	19.70	19.84	19.65		
15	64QAM	1	0	19.57	19.79	19.54	20.5	1.5
15	64QAM	1	37	19.60	19.71	19.59		
15	64QAM	1	74	19.56	19.67	19.44		
15	64QAM	36	0	18.66	18.76	18.72	19.5	2.5
15	64QAM	36	20	18.67	18.75	18.69		
15	64QAM	36	39	18.72	18.72	18.56		
15	64QAM	75	0	18.68	18.79	18.64		
15	256QAM	1	0	16.79	16.81	16.72	17.5	4.5
15	256QAM	1	37	16.66	16.79	16.76		
15	256QAM	1	74	16.67	16.70	16.65		
15	256QAM	36	0	16.69	16.78	16.80	17.5	4.5
15	256QAM	36	20	16.73	16.77	16.59		
15	256QAM	36	39	16.64	16.67	16.63		
15	256QAM	75	0	16.59	16.73	16.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.02	21.16	21.04	22	0
10	QPSK	1	25	20.95	20.98	20.83		
10	QPSK	1	49	20.94	20.96	20.73		
10	QPSK	25	0	20.73	20.84	20.68	21.5	0.5
10	QPSK	25	12	20.71	20.78	20.64		
10	QPSK	25	25	20.64	20.69	20.58		
10	QPSK	50	0	20.71	20.76	20.62		
10	16QAM	1	0	20.59	20.69	20.60	21.5	0.5
10	16QAM	1	25	20.63	20.67	20.56		
10	16QAM	1	49	20.45	20.64	20.55		
10	16QAM	25	0	19.83	19.86	19.85	20.5	1.5
10	16QAM	25	12	19.75	19.89	19.70		
10	16QAM	25	25	19.72	19.80	19.71		
10	16QAM	50	0	19.73	19.83	19.71		
10	64QAM	1	0	19.66	19.72	19.61	20.5	1.5
10	64QAM	1	25	19.65	19.64	19.60		
10	64QAM	1	49	19.54	19.64	19.44		
10	64QAM	25	0	18.77	18.84	18.72	19.5	2.5
10	64QAM	25	12	18.76	18.79	18.70		
10	64QAM	25	25	18.65	18.68	18.56		
10	64QAM	50	0	18.77	18.75	18.69		
10	256QAM	1	0	16.73	16.84	16.78	17.5	4.5
10	256QAM	1	25	16.66	16.81	16.66		
10	256QAM	1	49	16.64	16.75	16.60		
10	256QAM	25	0	16.64	16.79	16.79	17.5	4.5
10	256QAM	25	12	16.66	16.69	16.56		
10	256QAM	25	25	16.55	16.66	16.63		
10	256QAM	50	0	16.63	16.75	16.64		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.04	21.24	21.03	22	0
5	QPSK	1	12	20.96	21.03	20.87		
5	QPSK	1	24	20.91	21.07	20.84		
5	QPSK	12	0	20.78	20.80	20.69	21.5	0.5
5	QPSK	12	7	20.68	20.72	20.61		
5	QPSK	12	13	20.66	20.71	20.61		
5	QPSK	25	0	20.63	20.74	20.55		
5	16QAM	1	0	20.58	20.73	20.67	21.5	0.5
5	16QAM	1	12	20.59	20.72	20.56		
5	16QAM	1	24	20.46	20.62	20.56		
5	16QAM	12	0	19.77	19.87	19.84	20.5	1.5
5	16QAM	12	7	19.72	19.78	19.75		
5	16QAM	12	13	19.70	19.78	19.64		
5	16QAM	25	0	19.66	19.78	19.69		
5	64QAM	1	0	19.62	19.72	19.56	20.5	1.5
5	64QAM	1	12	19.56	19.74	19.65		
5	64QAM	1	24	19.48	19.56	19.45		
5	64QAM	12	0	18.77	18.86	18.82	19.5	2.5
5	64QAM	12	7	18.72	18.79	18.67		
5	64QAM	12	13	18.64	18.68	18.51		
5	64QAM	25	0	18.70	18.80	18.71		
5	256QAM	1	0	16.82	16.79	16.81	17.5	4.5
5	256QAM	1	12	16.69	16.78	16.66		
5	256QAM	1	24	16.68	16.73	16.55		
5	256QAM	12	0	16.71	16.84	16.75	17.5	4.5
5	256QAM	12	7	16.76	16.75	16.60		
5	256QAM	12	13	16.64	16.64	16.52		
5	256QAM	25	0	16.65	16.80	16.65		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.04	21.17	21.03	22	0
3	QPSK	1	8	20.87	21.01	20.80		
3	QPSK	1	14	20.90	21.06	20.81		
3	QPSK	8	0	20.75	20.81	20.73	21.5	0.5
3	QPSK	8	4	20.63	20.71	20.57		
3	QPSK	8	7	20.67	20.69	20.58		
3	QPSK	15	0	20.71	20.71	20.55		
3	16QAM	1	0	20.59	20.76	20.65	21.5	0.5
3	16QAM	1	8	20.63	20.68	20.61		
3	16QAM	1	14	20.55	20.63	20.52		
3	16QAM	8	0	19.78	19.83	19.84	20.5	1.5
3	16QAM	8	4	19.72	19.82	19.74		
3	16QAM	8	7	19.66	19.81	19.68		
3	16QAM	15	0	19.76	19.77	19.68		
3	64QAM	1	0	19.59	19.79	19.58	20.5	1.5
3	64QAM	1	8	19.57	19.73	19.66		
3	64QAM	1	14	19.58	19.61	19.50		
3	64QAM	8	0	18.76	18.79	18.79	19.5	2.5
3	64QAM	8	4	18.67	18.77	18.67		
3	64QAM	8	7	18.68	18.75	18.63		
3	64QAM	15	0	18.79	18.81	18.65		
3	256QAM	1	0	16.77	16.79	16.77	17.5	4.5
3	256QAM	1	8	16.59	16.79	16.64		
3	256QAM	1	14	16.63	16.75	16.58		
3	256QAM	8	0	16.74	16.83	16.77	17.5	4.5
3	256QAM	8	4	16.72	16.75	16.58		
3	256QAM	8	7	16.60	16.64	16.55		
3	256QAM	15	0	16.57	16.70	16.70		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.08	21.16	21.06	22	0
1.4	QPSK	1	3	20.94	21.02	20.90		
1.4	QPSK	1	5	20.84	21.05	20.78		
1.4	QPSK	3	0	20.95	21.10	20.91		
1.4	QPSK	3	1	20.94	20.97	20.87		
1.4	QPSK	3	3	20.95	20.83	20.87		
1.4	QPSK	6	0	20.74	20.82	20.69	21.5	0.5
1.4	16QAM	1	0	20.64	20.79	20.67	21.5	0.5
1.4	16QAM	1	3	20.64	20.72	20.56		
1.4	16QAM	1	5	20.64	20.79	20.56		
1.4	16QAM	3	0	20.57	20.77	20.69		
1.4	16QAM	3	1	20.63	20.64	20.62		
1.4	16QAM	3	3	20.51	20.63	20.55		
1.4	16QAM	6	0	19.76	19.92	19.89	20.5	1.5
1.4	64QAM	1	0	19.66	19.88	19.70	20.5	1.5
1.4	64QAM	1	3	19.74	19.71	19.75		
1.4	64QAM	1	5	19.72	19.77	19.72		
1.4	64QAM	3	0	19.56	19.75	19.64		
1.4	64QAM	3	1	19.56	19.66	19.64		
1.4	64QAM	3	3	19.51	19.57	19.54		
1.4	64QAM	6	0	18.66	18.78	18.72	19.5	2.5
1.4	256QAM	1	0	16.80	16.82	16.78	17.5	4.5
1.4	256QAM	1	3	16.69	16.83	16.67		
1.4	256QAM	1	5	16.66	16.66	16.61		
1.4	256QAM	3	0	16.66	16.76	16.74		
1.4	256QAM	3	1	16.67	16.68	16.61		
1.4	256QAM	3	3	16.62	16.69	16.55		
1.4	256QAM	6	0	16.65	16.79	16.67	17.5	4.5

Band 7 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.38	17.46	17.41	18.2	0
20	QPSK	1	49	17.29	17.28	17.39		
20	QPSK	1	99	17.25	17.43	17.34		
20	QPSK	50	0	17.28	17.39	17.24	18.2	0
20	QPSK	50	24	17.25	17.23	17.26		
20	QPSK	50	50	17.13	17.38	17.29		
20	QP

Band 25 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.43	21.52	21.47	22	0
20	QPSK	1	49	21.40	21.47	21.44		
20	QPSK	1	99	21.34	21.40	21.29		
20	QPSK	50	0	21.04	21.15	21.07	21.5	0.5
20	QPSK	50	24	21.01	21.10	21.02		
20	QPSK	50	50	20.94	21.03	20.89		
20	QPSK	100	0	21.05	21.13	21.09		
20	16QAM	1	0	20.47	20.57	20.53	21.5	0.5
20	16QAM	1	49	20.47	20.52	20.43		
20	16QAM	1	99	20.36	20.45	20.32		
20	16QAM	50	0	20.06	20.11	20.02	20.5	1.5
20	16QAM	50	24	19.97	20.06	20.03		
20	16QAM	50	50	19.93	19.99	19.85		
20	16QAM	100	0	20.09	20.16	20.07		
20	64QAM	1	0	19.48	19.53	19.41	20.5	1.5
20	64QAM	1	49	19.41	19.48	19.41		
20	64QAM	1	99	19.28	19.41	19.27		
20	64QAM	50	0	18.99	19.11	19.06	19.5	2.5
20	64QAM	50	24	18.96	19.06	18.96		
20	64QAM	50	50	18.94	18.99	18.89		
20	64QAM	100	0	18.94	19.01	18.94		
20	256QAM	1	0	17.11	17.17	17.06	17.5	4.5
20	256QAM	1	49	17.04	17.12	17.05		
20	256QAM	1	99	17.00	17.05	16.93		
20	256QAM	50	0	16.90	16.97	16.87	17.5	4.5
20	256QAM	50	24	16.88	16.92	16.89		
20	256QAM	50	50	16.74	16.85	16.71		
20	256QAM	100	0	16.84	16.99	16.95		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.31	21.44	21.37	22	0
15	QPSK	1	37	21.32	21.33	21.39		
15	QPSK	1	74	21.24	21.36	21.18		
15	QPSK	36	0	20.95	21.07	21.03	21.5	0.5
15	QPSK	36	20	20.94	20.95	20.88		
15	QPSK	36	39	20.80	20.99	20.79		
15	QPSK	75	0	21.01	20.98	21.01		
15	16QAM	1	0	20.34	20.43	20.40	21.5	0.5
15	16QAM	1	37	20.41	20.43	20.39		
15	16QAM	1	74	20.33	20.36	20.18		
15	16QAM	36	0	19.93	19.99	19.98	20.5	1.5
15	16QAM	36	20	19.85	19.91	19.94		
15	16QAM	36	39	19.89	19.94	19.77		
15	16QAM	75	0	19.97	20.12	19.94		
15	64QAM	1	0	19.33	19.42	19.37	20.5	1.5
15	64QAM	1	37	19.29	19.35	19.26		
15	64QAM	1	74	19.24	19.37	19.19		
15	64QAM	36	0	18.87	19.05	18.93	19.5	2.5
15	64QAM	36	20	18.92	19.02	18.87		
15	64QAM	36	39	18.83	18.96	18.86		
15	64QAM	75	0	18.86	18.94	18.82		
15	256QAM	1	0	16.97	17.13	16.92	17.5	4.5
15	256QAM	1	37	16.92	17.00	17.00		
15	256QAM	1	74	16.86	16.95	16.87		
15	256QAM	36	0	16.81	16.88	16.81	17.5	4.5
15	256QAM	36	20	16.77	16.86	16.76		
15	256QAM	36	39	16.64	16.74	16.66		
15	256QAM	75	0	16.71	16.92	16.92		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.37	21.48	21.43	22	0
10	QPSK	1	25	21.33	21.40	21.38		
10	QPSK	1	49	21.22	21.26	21.16		
10	QPSK	25	0	20.98	21.06	20.95	21.5	0.5
10	QPSK	25	12	20.89	21.02	20.93		
10	QPSK	25	25	20.85	20.94	20.75		
10	QPSK	50	0	20.91	21.03	20.96		
10	16QAM	1	0	20.32	20.42	20.41	21.5	0.5
10	16QAM	1	25	20.34	20.44	20.38		
10	16QAM	1	49	20.26	20.37	20.26		
10	16QAM	25	0	19.99	20.00	19.91	20.5	1.5
10	16QAM	25	12	19.82	19.98	20.00		
10	16QAM	25	25	19.80	19.92	19.71		
10	16QAM	50	0	19.96	20.06	19.98		
10	64QAM	1	0	19.40	19.44	19.38	20.5	1.5
10	64QAM	1	25	19.34	19.34	19.30		
10	64QAM	1	49	19.20	19.27	19.16		
10	64QAM	25	0	18.85	19.06	18.99	19.5	2.5
10	64QAM	25	12	18.85	19.01	18.83		
10	64QAM	25	25	18.84	18.94	18.81		
10	64QAM	50	0	18.87	18.96	18.88		
10	256QAM	1	0	17.06	17.09	17.00	17.5	4.5
10	256QAM	1	25	16.94	17.04	16.99		
10	256QAM	1	49	16.92	16.98	16.86		
10	256QAM	25	0	16.79	16.89	16.76	17.5	4.5
10	256QAM	25	12	16.77	16.88	16.74		
10	256QAM	25	25	16.70	16.72	16.58		
10	256QAM	50	0	16.79	16.95	16.82		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.35	21.40	21.33	22	0
5	QPSK	1	12	21.27	21.32	21.39		
5	QPSK	1	24	21.22	21.30	21.19		
5	QPSK	12	0	20.91	21.12	21.03	21.5	0.5
5	QPSK	12	7	20.97	21.03	20.97		
5	QPSK	12	13	20.83	20.95	20.86		
5	QPSK	25	0	20.98	20.99	20.98		
5	16QAM	1	0	20.42	20.47	20.47	21.5	0.5
5	16QAM	1	12	20.34	20.43	20.29		
5	16QAM	1	24	20.29	20.40	20.18		
5	16QAM	12	0	19.94	20.02	19.97	20.5	1.5
5	16QAM	12	7	19.93	20.00	19.88		
5	16QAM	12	13	19.85	19.88	19.81		
5	16QAM	25	0	20.00	20.01	19.95		
5	64QAM	1	0	19.33	19.42	19.33	20.5	1.5
5	64QAM	1	12	19.37	19.36	19.34		
5	64QAM	1	24	19.16	19.29	19.19		
5	64QAM	12	0	18.96	19.07	19.00	19.5	2.5
5	64QAM	12	7	18.83	18.94	18.89		
5	64QAM	12	13	18.84	18.92	18.77		
5	64QAM	25	0	18.80	18.94	18.89		
5	256QAM	1	0	17.02	17.13	17.00	17.5	4.5
5	256QAM	1	12	16.96	16.97	16.92		
5	256QAM	1	24	16.88	16.90	16.83		
5	256QAM	12	0	16.84	16.84	16.82	17.5	4.5
5	256QAM	12	7	16.74	16.81	16.84		
5	256QAM	12	13	16.65	16.74	16.65		
5	256QAM	25	0	16.73	16.84	16.89		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.39	21.45	21.33	22	0
3	QPSK	1	8	21.37	21.33	21.38		
3	QPSK	1	14	21.31	21.34	21.18		
3	QPSK	8	0	20.91	21.02	20.99	21.5	0.5
3	QPSK	8	4	20.87	21.04	20.96		
3	QPSK	8	7	20.81	20.93	20.83		
3	QPSK	15	0	20.98	21.07	21.01		
3	16QAM	1	0	20.39	20.43	20.42	21.5	0.5
3	16QAM	1	8	20.44	20.41	20.35		
3	16QAM	1	14	20.31	20.40	20.21		
3	16QAM	8	0	20.01	20.01	19.87	20.5	1.5
3	16QAM	8	4	19.94	19.92	19.93		
3	16QAM	8	7	19.86	19.87	19.72		
3	16QAM	15	0	19.96	20.03	20.03		
3	64QAM	1	0	19.39	19.38	19.29	20.5	1.5
3	64QAM	1	8	19.34	19.39	19.34		
3	64QAM	1	14	19.22	19.29	19.14		
3	64QAM	8	0	18.93	19.05	19.02	19.5	2.5
3	64QAM	8	4	18.92	18.96	18.84		
3	64QAM	8	7	18.84	18.85	18.84		
3	64QAM	15	0	18.90	18.88	18.84		
3	256QAM	1	0	17.05	17.11	16.96	17.5	4.5
3	256QAM	1	8	16.91	16.97	16.91		
3	256QAM	1	14	16.96	16.92	16.79		
3	256QAM	8	0	16.77	16.87	16.82	17.5	4.5
3	256QAM	8	4	16.85	16.89	16.84		
3	256QAM	8	7	16.66	16.78	16.57		
3	256QAM	15	0	16.71	16.93	16.87		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.36	21.37	21.37	22	0
1.4	QPSK	1	3	21.30	21.35	21.26		
1.4	QPSK	1	5	21.28	21.32	21.21		
1.4	QPSK	3	0	21.22	21.28	21.20		
1.4	QPSK	3	1	21.28	21.32	21.23		
1.4	QPSK	3	3	21.29	21.27	21.17		
1.4	QPSK	6	0	20.99	21.02	20.95	21.5	0.5
1.4	16QAM	1	0	20.92	21.04	20.91	21.5	0.5
1.4	16QAM	1	3	20.88	20.98	20.82		
1.4	16QAM	1	5	20.96	21.10	21.05		
1.4	16QAM	3	0	20.40	20.49	20.39		
1.4	16QAM	3	1	20.40	20.43	20.35		
1.4	16QAM	3	3	20.29	20.34	20.18		
1.4	16QAM	6	0	19.97	20.03	19.94	20.5	1.5
1.4	64QAM	1	0	19.86	19.95	19.94	20.5	1.5
1.4	64QAM	1	3	19.86	19.93	19.73		
1.4	64QAM	1	5	20.04	20.05	19.93		
1.4	64QAM	3	0	19.39	19.41	19.29		
1.4	64QAM	3	1	19.31	19.41	19.30		
1.4	64QAM	3	3	19.17	19.33	19.14		
1.4	64QAM	6	0	18.93	18.97	19.02	19.5	2.5
1.4	256QAM	1	0	17.00	17.09	16.92	17.5	4.5
1.4	256QAM	1	3	16.90	16.98	17.01		
1.4	256QAM	1	5	16.93	16.94	16.89		
1.4	256QAM	3	0	16.81	16.84	16.73		
1.4	256QAM	3	1	16.74	16.78	16.76		
1.4	256QAM	3	3	16.67	16.71	16.56		
1.4	256QAM	6	0	16.80	16.85	16.89	17.5	4.5

Band 66 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.43	21.57	21.51	22	0
20	QPSK	1	49	21.38	21.52	21.45		
20	QPSK	1	99	21.41	21.45	21.38		
20	QPSK	50	0	20.61	20.72	20.58	21	1
20	QPSK	50	24	20.52	20.64	20.51		
20	QPSK	50	50	20.51	20.57	20.43		
20	QPSK	100	0	20.56	20.65	20.57		
20	16QAM	1	0	20.73	20.87	20.84	21	1
20	16QAM	1	49	20.72	20.82	20.72		
20	16QAM	1	99	20.69	20.75	20.67		
20	16QAM	50	0	19.68	19.77	19.64	20	2
20	16QAM	50	24	19.63	19.72	19.62		
20	16QAM	50	50	19.53	19.65	19.50		
20	16QAM	100	0	19.62	19.69	19.58		
20	64QAM	1	0	19.64	19.77	19.73	20	2
20	64QAM	1	49	19.62	19.72	19.58		
20	64QAM	1	99	19.55	19.65	19.54		
20	64QAM	50	0	18.53	18.64	18.58	19	3
20	64QAM	50	24	18.44	18.59	18.51		
20	64QAM	50	50	18.38	18.52	18.47		
20	64QAM	100	0	18.67	18.73	18.59		
20	256QAM	1	0	16.62	16.71	16.60	17	5
20	256QAM	1	49	16.57	16.66	16.60		
20	256QAM	1	99	16.45	16.59	16.49		
20	256QAM	50	0	16.53	16.63	16.50	17	5
20	256QAM	50	24	16.48	16.58	16.50		
20	256QAM	50	50	16.43	16.51	16.37		
20	256QAM	100	0	16.52	16.61	16.49		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.36	21.53	21.42	22	0
15	QPSK	1	37	21.26	21.40	21.37		
15	QPSK	1	74	21.35	21.31	21.27		
15	QPSK	36	0	20.58	20.60	20.44	21	1
15	QPSK	36	20	20.46	20.56	20.38		
15	QPSK	36	39	20.45	20.43	20.37		
15	QPSK	75	0	20.42	20.57	20.52		
15	16QAM	1	0	20.64	20.77	20.72	21	1
15	16QAM	1	37	20.62	20.71	20.66		
15	16QAM	1	74	20.65	20.68	20.54		
15	16QAM	36	0	19.55	19.63	19.60	20	2
15	16QAM	36	20	19.48	19.61	19.56		
15	16QAM	36	39	19.45	19.50	19.40		
15	16QAM	75	0	19.50	19.58	19.47		
15	64QAM	1	0	19.58	19.72	19.59	20	2
15	64QAM	1	37	19.49	19.68	19.54		
15	64QAM	1	74	19.42	19.54	19.44		
15	64QAM	36	0	18.48	18.51	18.54	19	3
15	64QAM	36	20	18.33	18.45	18.43		
15	64QAM	36	39	18.25	18.44	18.39		
15	64QAM	75	0	18.54	18.61	18.55		
15	256QAM	1	0	16.53	16.57	16.51	17	5
15	256QAM	1	37	16.51	16.56	16.57		
15	256QAM	1	74	16.37	16.56	16.42		
15	256QAM	36	0	16.43	16.50	16.37	17	5
15	256QAM	36	20	16.39	16.46	16.40		
15	256QAM	36	39	16.34	16.47	16.31		
15	256QAM	75	0	16.46	16.47	16.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.28	21.50	21.40	22	0
10	QPSK	1	25	21.29	21.47	21.38		
10	QPSK	1	49	21.28	21.31	21.24		
10	QPSK	25	0	20.50	20.59	20.47	21	1
10	QPSK	25	12	20.42	20.56	20.41		
10	QPSK	25	25	20.44	20.46	20.30		
10	QPSK	50	0	20.50	20.52	20.44		
10	16QAM	1	0	20.62	20.74	20.77	21	1
10	16QAM	1	25	20.60	20.79	20.61		
10	16QAM	1	49	20.56	20.62	20.61		
10	16QAM	25	0	19.56	19.69	19.52	20	2
10	16QAM	25	12	19.56	19.61	19.53		
10	16QAM	25	25	19.44	19.54	19.41		
10	16QAM	50	0	19.49	19.66	19.48		
10	64QAM	1	0	19.53	19.64	19.60	20	2
10	64QAM	1	25	19.53	19.58	19.48		
10	64QAM	1	49	19.45	19.62	19.49		
10	64QAM	25	0	18.45	18.53	18.49	19	3
10	64QAM	25	12	18.38	18.49	18.45		
10	64QAM	25	25	18.33	18.42	18.42		
10	64QAM	50	0	18.56	18.67	18.51		
10	256QAM	1	0	16.59	16.64	16.50	17	5
10	256QAM	1	25	16.52	16.61	16.46		
10	256QAM	1	49	16.30	16.52	16.38		
10	256QAM	25	0	16.46	16.59	16.45	17	5
10	256QAM	25	12	16.43	16.52	16.47		
10	256QAM	25	25	16.39	16.37	16.32		
10	256QAM	50	0	16.39	16.58	16.46		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.35	21.44	21.41	22	0
5	QPSK	1	12	21.26	21.38	21.40		
5	QPSK	1	24	21.27	21.33	21.31		
5	QPSK	12	0	20.54	20.60	20.47	21	1
5	QPSK	12	7	20.40	20.54	20.36		
5	QPSK	12	13	20.37	20.45	20.29		
5	QPSK	25	0	20.49	20.53	20.44		
5	16QAM	1	0	20.59	20.73	20.80	21	1
5	16QAM	1	12	20.58	20.74	20.64		
5	16QAM	1	24	20.61	20.66	20.63		
5	16QAM	12	0	19.63	19.69	19.49	20	2
5	16QAM	12	7	19.56	19.62	19.48		
5	16QAM	12	13	19.38	19.53	19.36		
5	16QAM	25	0	19.56	19.54	19.55		
5	64QAM	1	0	19.50	19.73	19.63	20	2
5	64QAM	1	12	19.55	19.66	19.48		
5	64QAM	1	24	19.43	19.58	19.40		
5	64QAM	12	0	18.46	18.60	18.51	19	3
5	64QAM	12	7	18.40	18.45	18.41		
5	64QAM	12	13	18.26	18.43	18.36		
5	64QAM	25	0	18.59	18.60	18.46		
5	256QAM	1	0	16.53	16.57	16.52	17	5
5	256QAM	1	12	16.52	16.58	16.47		
5	256QAM	1	24	16.33	16.45	16.37		
5	256QAM	12	0	16.43	16.53	16.36	17	5
5	256QAM	12	7	16.43	16.44	16.46		
5	256QAM	12	13	16.40	16.37	16.22		
5	256QAM	25	0	16.44	16.51	16.36		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.31	21.47	21.42	22	0
3	QPSK	1	8	21.25	21.43	21.36		
3	QPSK	1	14	21.34	21.40	21.35		
3	QPSK	8	0	20.57	20.64	20.43	21	1
3	QPSK	8	4	20.43	20.49	20.42		
3	QPSK	8	7	20.41	20.48	20.32		
3	QPSK	15	0	20.42	20.51	20.50		
3	16QAM	1	0	20.63	20.81	20.81	21	1
3	16QAM	1	8	20.63	20.71	20.61		
3	16QAM	1	14	20.63	20.71	20.52		
3	16QAM	8	0	19.62	19.71	19.57	20	2
3	16QAM	8	4	19.51	19.68	19.51		
3	16QAM	8	7	19.49	19.53	19.44		
3	16QAM	15	0	19.58	19.64	19.50		
3	64QAM	1	0	19.55	19.72	19.62	20	2
3	64QAM	1	8	19.48	19.58	19.49		
3	64QAM	1	14	19.42	19.60	19.49		
3	64QAM	8	0	18.41	18.53	18.45	19	3
3	64QAM	8	4	18.34	18.56	18.39		
3	64QAM	8	7	18.29	18.38	18.37		
3	64QAM	15	0	18.56	18.65	18.54		
3	256QAM	1	0	16.53	16.60	16.51	17	5
3	256QAM	1	8	16.52	16.56	16.52		
3	256QAM	1	14	16.32	16.53	16.37		
3	256QAM	8	0	16.39	16.60	16.45	17	5
3	256QAM	8	4	16.41	16.49	16.38		
3	256QAM	8	7	16.29	16.41	16.30		
3	256QAM	15	0	16.42	16.48	16.42		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.35	21.48	21.39	22	0
1.4	QPSK	1	3	21.34	21.39	21.33		
1.4	QPSK	1	5	21.38	21.41	21.35		
1.4	QPSK	3	0	21.33	21.46	21.39		
1.4	QPSK	3	1	21.26	21.39	21.42		
1.4	QPSK	3	3	21.26	21.37	21.30		
1.4	QPSK	6	0	20.56	20.69	20.51	21.5	0.5
1.4	16QAM	1	0	20.40	20.49	20.47	21.5	0.5
1.4	16QAM	1	3	20.40	20.53	20.32		
1.4	16QAM	1	5	20.52	20.61	20.53		
1.4	16QAM	3	0	20.65	20.83	20.69		
1.4	16QAM	3	1	20.58	20.70	20.67		
1.4	16QAM	3	3	20.65	20.61	20.64		
1.4	16QAM	6	0	19.54	19.68	19.58	20.5	1.5
1.4	64QAM	1	0	19.59	19.66	19.51	20.5	1.5
1.4	64QAM	1	3	19.42	19.54	19.41		
1.4	64QAM	1	5	19.48	19.54	19.50		
1.4	64QAM	3	0	19.59	19.68	19.65		
1.4	64QAM	3	1	19.49	19.58	19.48		
1.4	64QAM	3	3	19.42	19.50	19.43		
1.4	64QAM	6	0	18.40	18.51	18.47	19.5	2.5
1.4	256QAM	1	0	16.49	16.65	16.49	17.5	4.5
1.4	256QAM	1	3	16.49	16.59	16.50		
1.4	256QAM	1	5	16.32	16.51	16.43		
1.4	256QAM	3	0	16.47	16.48	16.37		
1.4	256QAM	3	1	16.38	16.45	16.44		
1.4	256QAM	3	3	16.29	16.39	16.25		
1.4	256QAM	6	0	16.42	16.47	16.38	17.5	4.5

Band 38 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	20.78	20.81	20.69	21.7	0
20	QPSK	1	49	20.67	20.63	20.70		
20	QPSK	1	99	20.60	20.64	20.72		
20	QPSK	50	0	20.61	20.67	20.49		
20	QPSK	50	24	20.64	20.56	20.55		
20	QPSK	50	50	20.53	20.66	20.56		
20	QPSK	100	0	20.61	20.65	20.62		
20	16QAM	1	0	20.52	20.68	20.64		
20	16QAM	1	49	20.54	20.49	20.58		
20	16QAM	1	99	20.67	20.62	20.53		
20	16QAM	50	0	20.58	20.57	20.64		
20	16QAM	50	24	20.54	20.64	20.48		
20	16QAM	50	50	20.59	20.72	20.64		
20	16QAM	100	0	20.63	20.61	20.49		
20	64QAM	1	0	20.44	20.46	20.56		
20	64QAM	1	49	20.37	20.59	20.59		
20	64QAM	1	99	20.63	20.62	20.58		
20	64QAM	50	0	19.58	19.75	19.76		
20	64QAM	50	24	19.70	19.59	19.59		
20	64QAM	50	50	19.52	19.63	19.59		
20	64QAM	100	0	19.67	19.68	19.47		
20	256QAM	1	0	17.59	17.88	17.65		
20	256QAM	1	49	17.65	17.77	17.66		
20	256QAM	1	99	17.54	17.70	17.56		
20	256QAM	50	0	17.61	17.71	17.75		
20	256QAM	50	24	17.66	17.60	17.52		
20	256QAM	50	50	17.66	17.55	17.57		
20	256QAM	100	0	17.68	17.75	17.62		
Channel				37825	38000	38175		
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	20.62	20.66	20.56		
15	QPSK	1	37	20.51	20.59	20.61		
15	QPSK	1	74	20.52	20.47	20.59		
15	QPSK	36	0	20.55	20.51	20.36		
15	QPSK	36	20	20.48	20.51	20.57		
15	QPSK	36	39	20.43	20.62	20.42		
15	QPSK	75	0	20.47	20.57	20.47		
15	16QAM	1	0	20.42	20.62	20.59		
15	16QAM	1	37	20.39	20.43	20.49		
15	16QAM	1	74	20.65	20.51	20.49		
15	16QAM	36	0	20.46	20.46	20.59		
15	16QAM	36	20	20.46	20.54	20.46		
15	16QAM	36	39	20.44	20.55	20.56		
15	16QAM	75	0	20.57	20.57	20.39		
15	64QAM	1	0	20.33	20.30	20.49		
15	64QAM	1	37	20.26	20.47	20.48		
15	64QAM	1	74	20.59	20.55	20.52		
15	64QAM	36	0	19.52	19.63	19.72		
15	64QAM	36	20	19.58	19.45	19.54		
15	64QAM	36	39	19.47	19.59	19.51		
15	64QAM	75	0	19.54	19.53	19.44		
15	256QAM	1	0	17.49	17.83	17.56		
15	256QAM	1	37	17.52	17.67	17.55		
15	256QAM	1	74	17.43	17.53	17.48		
15	256QAM	36	0	17.47	17.56	17.62		
15	256QAM	36	20	17.59	17.51	17.39		
15	256QAM	36	39	17.62	17.42	17.46		
15	256QAM	75	0	17.58	17.65	17.47		
Channel				37800	38000	38200		
Frequency (MHz)				2575	2596	2618		
10	QPSK	1	0	20.63	20.66	20.63		
10	QPSK	1	25	20.63	20.49	20.57		
10	QPSK	1	49	20.46	20.50	20.70		
10	QPSK	25	0	20.54	20.62	20.36		
10	QPSK	25	12	20.60	20.51	20.53		
10	QPSK	25	25	20.42	20.59	20.52		
10	QPSK	50	0	20.49	20.47	20.47		
10	16QAM	1	0	20.40	20.56	20.51		
10	16QAM	1	25	20.52	20.45	20.50		
10	16QAM	1	49	20.52	20.44	20.37		
10	16QAM	25	0	20.41	20.42	20.51		
10	16QAM	25	12	20.39	20.47	20.44		
10	16QAM	25	25	20.52	20.68	20.62		
10	16QAM	50	0	20.54	20.50	20.34		
10	64QAM	1	0	20.32	20.36	20.39		
10	64QAM	1	25	20.28	20.47	20.49		
10	64QAM	1	49	20.48	20.54	20.43		
10	64QAM	25	0	19.52	19.57	19.71		
10	64QAM	25	12	19.65	19.47	19.46		
10	64QAM	25	25	19.46	19.46	19.41		
10	64QAM	50	0	19.50	19.54	19.39		
10	256QAM	1	0	17.41	17.79	17.48		
10	256QAM	1	25	17.49	17.69	17.57		
10	256QAM	1	49	17.36	17.60	17.40		
10	256QAM	25	0	17.48	17.62	17.66		
10	256QAM	25	12	17.56	17.45	17.46		
10	256QAM	25	25	17.58	17.43	17.48		
10	256QAM	50	0	17.62	17.72	17.59		
Channel				37775	38000	38225		
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	20.61	20.79	20.59		
5	QPSK	1	12	20.51	20.54	20.60		
5	QPSK	1	24	20.43	20.47	20.61		
5	QPSK	12	0	20.57	20.58	20.35		
5	QPSK	12	7	20.51	20.47	20.53		
5	QPSK	12	13	20.35	20.58	20.47		
5	QPSK	25	0	20.44	20.59	20.53		
5	16QAM	1	0	20.37	20.54	20.51		
5	16QAM	1	12	20.37	20.46	20.44		
5	16QAM	1	24	20.63	20.60	20.49		
5	16QAM	12	0	20.55	20.40	20.50		
5	16QAM	12	7	20.40	20.55	20.40		
5	16QAM	12	13	20.42	20.70	20.53		
5	16QAM	25	0	20.60	20.46	20.44		
5	64QAM	1	0	20.30	20.33	20.45		
5	64QAM	1	12	20.23	20.54	20.49		
5	64QAM	1	24	20.58	20.53	20.52		
5	64QAM	12	0	19.40	19.67	19.72		
5	64QAM	12	7	19.60	19.53	19.53		
5	64QAM	12	13	19.48	19.46	19.46		
5	64QAM	25	0	19.62	19.58	19.31		
5	256QAM	1	0	17.55	17.79	17.54		
5	256QAM	1	12	17.59	17.66	17.50		
5	256QAM	1	24	17.41	17.60	17.42		
5	256QAM	12	0	17.44	17.61	17.60		
5	256QAM	12	7	17.53	17.52	17.36		
5	256QAM	12	13	17.61	17.52	17.39		
5	256QAM	25	0	17.58	17.72	17.57		

Band 41 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.75	20.84	20.89	20.83	20.79	21.7	0
20	QPSK	1	49	20.71	20.81	20.74	20.77	20.70		
20	QPSK	1	99	20.59	20.76	20.82	20.82	20.69		
20	QPSK	50	0	20.71	20.76	20.83	20.67	20.71		
20	QPSK	50	24	20.55	20.67	20.65	20.69	20.58		
20	QPSK	50	50	20.56	20.60	20.77	20.68	20.54		
20	QPSK	100	0	20.68	20.69	20.83	20.79	20.63		
20	16QAM	1	0	20.73	20.70	20.80	20.68	20.65		
20	16QAM	1	49	20.62	20.65	20.62	20.68	20.61	21.7	0
20	16QAM	1	99	20.47	20.72	20.70	20.68	20.53		
20	16QAM	50	0	20.61	20.70	20.73	20.77	20.78		
20	16QAM	50	24	20.57	20.69	20.67	20.63	20.62	21.7	0
20	16QAM	50	50	20.55	20.68	20.80	20.74	20.56		
20	16QAM	100	0	20.56	20.66	20.70	20.65	20.67		
20	64QAM	1	0	20.49	20.55	20.59	20.66	20.42		
20	64QAM	1	49	20.53	20.53	20.62	20.62	20.43	21.7	0
20	64QAM	1	99	20.54	20.65	20.79	20.63	20.60		
20	64QAM	50	0	19.85	19.71	19.82	19.82	19.63		
20	64QAM	50	24	19.81	19.74	19.76	19.62	19.65	21	0.7
20	64QAM	50	50	19.57	19.65	19.69	19.76	19.50		
20	64QAM	100	0	19.70	19.79	19.80	19.63	19.72		
20	256QAM	1	0	17.87	17.73	17.97	17.74	17.77		
20	256QAM	1	49	17.87	17.78	17.84	17.75	17.76	19	2.7
20	256QAM	1	99	17.73	17.69	17.86	17.63	17.86		
20	256QAM	50	0	17.82	17.70	17.88	17.78	17.71		
20	256QAM	50	24	17.62	17.70	17.74	17.67	17.67	19	2.7
20	256QAM	50	50	17.68	17.71	17.70	17.60	17.56		
20	256QAM	100	0	17.73	17.70	17.86	17.69	17.69		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.60	20.81	20.79	20.68	20.75	21.70	0
15	QPSK	1	37	20.64	20.67	20.72	20.68	20.57		
15	QPSK	1	74	20.45	20.64	20.74	20.77	20.55		
15	QPSK	36	0	20.55	20.64	20.66	20.57	20.56		
15	QPSK	36	20	20.51	20.58	20.59	20.54	20.53	21.7	0
15	QPSK	36	39	20.44	20.46	20.65	20.59	20.48		
15	QPSK	75	0	20.58	20.65	20.80	20.68	20.62		
15	16QAM	1	0	20.70	20.59	20.76	20.60	20.58		
15	16QAM	1	37	20.50	20.51	20.58	20.60	20.60	21.7	0
15	16QAM	1	74	20.41	20.68	20.67	20.58	20.37		
15	16QAM	36	0	20.55	20.60	20.57	20.66	20.73		
15	16QAM	36	20	20.49	20.57	20.62	20.58	20.60	21.7	0
15	16QAM	36	39	20.49	20.51	20.69	20.67	20.46		
15	16QAM	75	0	20.50	20.63	20.59	20.50	20.60		
15	64QAM	1	0	20.46	20.52	20.51	20.63	20.27		
15	64QAM	1	37	20.45	20.45	20.59	20.56	20.34	21.7	0
15	64QAM	1	74	20.50	20.58	20.65	20.51	20.50		
15	64QAM	36	0	19.84	19.61	19.70	19.66	19.55		
15	64QAM	36	20	19.74	19.60	19.69	19.49	19.56	21	0.7
15	64QAM	36	39	19.53	19.51	19.63	19.74	19.46		
15	64QAM	75	0	19.69	19.66	19.76	19.56	19.69		
15	256QAM	1	0	17.78	17.61	17.94	17.65	17.71		
15	256QAM	1	37	17.83	17.64	17.74	17.71	17.61	19	2.7
15	256QAM	1	74	17.64	17.62	17.70	17.61	17.62		
15	256QAM	36	0	17.73	17.56	17.73	17.67	17.69		
15	256QAM	36	20	17.52	17.57	17.69	17.63	17.62	19	2.7
15	256QAM	36	39	17.64	17.70	17.58	17.64	17.50		
15	256QAM	75	0	17.58	17.58	17.82	17.65	17.54		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.59	20.75	20.75	20.74	20.63	21.70	0
10	QPSK	1	25	20.57	20.70	20.69	20.63	20.59		
10	QPSK	1	49	20.51	20.66	20.67	20.76	20.53		
10	QPSK	25	0	20.58	20.72	20.79	20.51	20.66		
10	QPSK	25	12	20.40	20.54	20.63	20.54	20.45	21.7	0
10	QPSK	25	25	20.52	20.53	20.67	20.63	20.45		
10	QPSK	50	0	20.62	20.67	20.70	20.71	20.51		
10	16QAM	1	0	20.66	20.57	20.71	20.66	20.58		
10	16QAM	1	25	20.60	20.57	20.56	20.56	20.46	21.7	0
10	16QAM	1	49	20.36	20.57	20.61	20.60	20.39		
10	16QAM	25	0	20.58	20.58	20.70	20.65	20.69		
10	16QAM	25	12	20.50	20.56	20.57	20.50	20.49	21.7	0
10	16QAM	25	25	20.53	20.65	20.65	20.62	20.54		
10	16QAM	50	0	20.52	20.59	20.54	20.52	20.52		
10	64QAM	1	0	20.44	20.50	20.54	20.54	20.41		
10	64QAM	1	25	20.52	20.46	20.49	20.56	20.39	21.7	0
10	64QAM	1	49	20.41	20.62	20.73	20.51	20.57		
10	64QAM	25	0	19.68	19.69	19.66	19.77	19.48		
10	64QAM	25	12	19.72	19.57	19.71	19.57	19.59	21	0.7
10	64QAM	25	25	19.54	19.58	19.54	19.71	19.40		
10	64QAM	50	0	19.69	19.76	19.69	19.51	19.71		
10	256QAM	1	0	17.83	17.60	17.81	17.69	17.65		
10	256QAM	1	25	17.80	17.73	17.73	17.64	17.62	19	2.7
10	256QAM	1	49	17.57	17.57	17.81	17.53	17.63		
10	256QAM	25	0	17.77	17.57	17.74	17.65	17.62		
10	256QAM	25	12	17.53	17.58	17.69	17.56	17.52	19	2.7
10	256QAM	25	25	17.64	17.59	17.63	17.49	17.47		
10	256QAM	50	0	17.69	17.65	17.72	17.58	17.56		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.63	20.83	20.84	20.81	20.65	21.70	0
5	QPSK	1	12	20.63	20.71	20.58	20.61	20.62		
5	QPSK	1	24	20.48	20.61	20.76	20.81	20.64		
5	QPSK	12	0	20.58	20.68	20.74	20.58	20.70		
5	QPSK	12	7	20.45	20.56	20.52	20.61	20.48	21.7	0
5	QPSK	12	13	20.54	20.55	20.71	20.63	20.47		
5	QPSK	25	0	20.59	20.65	20.67	20.70	20.61		
5	16QAM	1	0	20.57	20.66	20.72	20.62	20.63		
5	16QAM	1	12	20.50	20.51	20.54	20.54	20.45	21.7	0
5	16QAM	1	24	20.33	20.62	20.59	20.55	20.50		
5	16QAM	12	0	20.51	20.68	20.60	20.62	20.64		
5	16QAM	12	7	20.53	20.65	20.62	20.46	20.60	21.7	0
5	16QAM	12	13	20.38	20.58	20.70	20.57	20.43		
5	16QAM	25	0	20.44	20.62	20.55	20.59	20.63		
5	64QAM	1	0	20.34	20.44	20.44	20.58	20.39		
5	64QAM	1	12	20.42	20.45	20.58	20.53	20.33	21.7	0
5	64QAM	1	24	20.51	20.59	20.66	20.57	20.56		
5	64QAM	12	0	19.82	19.59	19.74	19.76	19.53		
5	64QAM	12	7	19.67	19.60	19.46	19.46	19.58	21	0.7
5	64QAM	12	13	19.50	19.57	19.59	19.74	19.44		
5	64QAM	25	0	19.59	19.76	19.79	19.47	19.69		
5	256QAM	1	0	17.86	17.60	17.92	17.70	17.73		
5	256QAM	1	12	17.77	17.71	17.72	17.71	17.62	19	2.7
5	256QAM	1	24	17.67	17.64	17.81	17.56	17.53		
5	256QAM	12	0	17.67	17.66	17.78	17.65	17.65		
5	256QAM	12	7	17.54	17.67	17.58	17.54	17.61	19	2.7
5	256QAM	12	13	17.64	17.66	17.55	17.58	17.51		
5	256QAM	25	0	17.57	17.54	17.79	17.58	17.59		

Band 41 HPUE Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.03	22.03	22.17	21.95	22.14	23.3	0
20	QPSK	1	49	21.87	22.00	22.00	21.87	21.94		
20	QPSK	1	99	21.88	21.84	22.02	21.85	22.01		
20	QPSK	50	0	22.00	21.93	22.13	21.86	22.08		
20	QPSK	50	24	21.82	21.97	21.92	21.80	21.79		
20	QPSK	50	50	21.84	21.69	21.96	21.77	21.95		
20	QPSK	100	0	21.97	21.88	22.10	21.88	22.13		
20	16QAM	1	0	21.92	21.94	22.07	21.90	22.08		
20	16QAM	1	49	21.72	21.88	21.95	21.77	21.90		
20	16QAM	1	99	21.79	21.67	21.99	21.71	21.88		
20	16QAM	50	0	21.86	21.81	21.99	21.84	22.05		
20	16QAM	50	24	21.78	21.67	21.90	21.75	21.70		
20	16QAM	50	50	21.71	21.61	21.91	21.69	21.93		
20	16QAM	100	0	21.95	21.79	22.04	21.74	21.98		
20	64QAM	1	0	21.94	21.97	22.11	21.91	22.11		
20	64QAM	1	49	21.75	21.95	21.90	21.78	21.81		
20	64QAM	1	99	21.84	21.77	21.85	21.70	21.95		
20	64QAM	50	0	21.92	21.79	22.02	21.72	21.96		
20	64QAM	50	24	21.68	21.83	21.86	21.68	21.75		
20	64QAM	50	50	21.78	21.65	21.83	21.62	21.78		
20	64QAM	100	0	21.83	21.73	21.97	21.75	22.01		
20	256QAM	1	0	20.81	20.69	20.90	20.66	20.87		
20	256QAM	1	49	20.53	20.75	20.68	20.58	20.60	22	1.3
20	256QAM	1	99	20.63	20.49	20.79	20.47	20.75		
20	256QAM	50	0	20.72	20.69	20.84	20.63	20.73		
20	256QAM	50	24	20.54	20.66	20.56	20.48	20.47	22	1.3
20	256QAM	50	50	20.49	20.43	20.72	20.45	20.66		
20	256QAM	100	0	20.73	20.53	20.79	20.61	20.86		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.86	21.93	22.05	21.80	22.02	23.30	0
15	QPSK	1	37	21.77	21.93	21.97	21.79	21.79		
15	QPSK	1	74	21.74	21.81	21.95	21.71	21.95		
15	QPSK	36	0	21.86	21.86	22.01	21.79	21.92	23.3	0
15	QPSK	36	20	21.70	21.83	21.83	21.65	21.74		
15	QPSK	36	39	21.67	21.61	21.92	21.60	21.83		
15	QPSK	75	0	21.87	21.70	22.06	21.76	21.97		
15	16QAM	1	0	21.88	21.87	22.00	21.81	21.98		
15	16QAM	1	37	21.66	21.76	21.83	21.66	21.79		
15	16QAM	1	74	21.75	21.52	21.96	21.56	21.74		
15	16QAM	36	0	21.74	21.68	21.91	21.74	21.96		
15	16QAM	36	20	21.64	21.80	21.81	21.69	21.62	23.3	0
15	16QAM	36	39	21.69	21.47	21.87	21.62	21.85		
15	16QAM	75	0	21.88	21.75	21.94	21.61	21.81		
15	64QAM	1	0	21.92	21.90	22.00	21.79	22.05		
15	64QAM	1	37	21.60	21.91	21.82	21.62	21.65	23.3	0
15	64QAM	1	74	21.77	21.71	21.67	21.66	21.87		
15	64QAM	36	0	21.79	21.65	21.96	21.55	21.80		
15	64QAM	36	20	21.57	21.66	21.79	21.58	21.63	23.3	0
15	64QAM	36	39	21.72	21.48	21.79	21.50	21.74		
15	64QAM	75	0	21.78	21.64	21.93	21.67	21.97		
15	256QAM	1	0	20.76	20.65	20.83	20.60	20.71		
15	256QAM	1	37	20.37	20.58	20.65	20.43	20.49	22	1.3
15	256QAM	1	74	20.61	20.40	20.74	20.42	20.64		
15	256QAM	36	0	20.66	20.58	20.73	20.58	20.69		
15	256QAM	36	20	20.49	20.58	20.47	20.32	20.38	22	1.3
15	256QAM	36	39	20.47	20.51	20.69	20.36	20.58		
15	256QAM	75	0	20.68	20.38	20.76	20.52	20.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.88	21.98	22.06	21.80	22.06	23.30	0
10	QPSK	1	25	21.82	21.92	21.93	21.78	21.90		
10	QPSK	1	49	21.84	21.81	21.95	21.73	21.92		
10	QPSK	25	0	21.94	21.81	22.03	21.81	22.01		
10	QPSK	25	12	21.64	21.80	21.77	21.69	21.69	23.3	0
10	QPSK	25	25	21.79	21.67	21.93	21.61	21.93		
10	QPSK	50	0	21.85	21.79	22.04	21.84	22.11		
10	16QAM	1	0	21.79	21.85	22.04	21.78	21.91		
10	16QAM	1	25	21.62	21.85	21.89	21.64	21.87	23.3	0
10	16QAM	1	49	21.68	21.64	21.90	21.61	21.74		
10	16QAM	25	0	21.77	21.71	21.95	21.76	21.97		
10	16QAM	25	12	21.71	21.80	21.76	21.64	21.68	23.3	0
10	16QAM	25	25	21.56	21.54	21.81	21.59	21.80		
10	16QAM	50	0	21.78	21.69	21.97	21.67	21.89		
10	64QAM	1	0	21.82	21.83	22.05	21.89	22.02		
10	64QAM	1	25	21.65	21.86	21.81	21.72	21.68	23.3	0
10	64QAM	1	49	21.67	21.65	21.78	21.56	21.81		
10	64QAM	25	0	21.75	21.72	21.90	21.66	21.92		
10	64QAM	25	12	21.64	21.76	21.69	21.53	21.59	23.3	0
10	64QAM	25	25	21.72	21.48	21.77	21.57	21.61		
10	64QAM	50	0	21.72	21.63	21.81	21.69	21.94		
10	256QAM	1	0	20.72	20.63	20.

Band 42 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3480	3500	3540		
20	QPSK	1	0	21.35	21.49	21.41	22	0
20	QPSK	1	49	21.33	21.44	21.39		
20	QPSK	1	99	21.28	21.37	21.26		
20	QPSK	50	0	20.22	20.33	20.29	21	1
20	QPSK	50	24	20.24	20.28	20.21		
20	QPSK	50	50	20.07	20.21	20.11		
20	QPSK	100	0	20.15	20.26	20.19		
20	16QAM	1	0	20.09	20.21	20.11	21	1
20	16QAM	1	49	20.07	20.16	20.06		
20	16QAM	1	99	19.95	20.09	20.03		
20	16QAM	50	0	19.17	19.30	19.19	20	2
20	16QAM	50	24	19.18	19.25	19.22		
20	16QAM	50	50	19.06	19.18	19.08		
20	16QAM	100	0	19.09	19.22	19.09		
20	64QAM	1	0	19.04	19.18	19.10	20	2
20	64QAM	1	49	19.05	19.13	19.05		
20	64QAM	1	99	18.99	19.06	19.01		
20	64QAM	50	0	18.05	18.15	18.04	19	3
20	64QAM	50	24	18.07	18.10	17.96		
20	64QAM	50	50	17.96	18.03	17.94		
20	64QAM	100	0	18.17	18.26	18.17		
20	256QAM	1	0	16.23	16.31	16.22	17	5
20	256QAM	1	49	16.11	16.26	16.20		
20	256QAM	1	99	16.06	16.19	16.05		
20	256QAM	50	0	16.11	16.25	16.20	17	5
20	256QAM	50	24	16.10	16.20	16.11		
20	256QAM	50	50	16.08	16.13	16.06		
20	256QAM	100	0	16.07	16.22	16.09		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.22	21.44	21.26	22	0
15	QPSK	1	37	21.22	21.38	21.33		
15	QPSK	1	74	21.23	21.23	21.13		
15	QPSK	36	0	20.15	20.30	20.21	21	1
15	QPSK	36	20	20.10	20.17	20.08		
15	QPSK	36	39	20.02	20.07	20.06		
15	QPSK	75	0	20.00	20.22	20.09		
15	16QAM	1	0	20.00	20.18	20.05	21	1
15	16QAM	1	37	19.98	20.03	19.91		
15	16QAM	1	74	19.82	19.96	19.89		
15	16QAM	36	0	19.09	19.17	19.07	20	2
15	16QAM	36	20	19.09	19.18	19.10		
15	16QAM	36	39	19.00	19.09	19.04		
15	16QAM	75	0	19.02	19.18	18.97		
15	64QAM	1	0	18.98	19.11	19.02	20	2
15	64QAM	1	37	18.97	18.98	18.98		
15	64QAM	1	74	18.87	19.00	18.94		
15	64QAM	36	0	18.00	18.07	17.97	19	3
15	64QAM	36	20	17.92	18.02	17.82		
15	64QAM	36	39	17.84	17.98	17.86		
15	64QAM	75	0	18.08	18.23	18.12		
15	256QAM	1	0	16.13	16.24	16.14	17	5
15	256QAM	1	37	15.96	16.20	16.12		
15	256QAM	1	74	15.99	16.07	15.91		
15	256QAM	36	0	15.99	16.13	16.06	17	5
15	256QAM	36	20	16.07	16.06	16.03		
15	256QAM	36	39	16.00	16.04	16.00		
15	256QAM	75	0	15.93	16.14	16.04		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.31	21.42	21.37	22	0
10	QPSK	1	25	21.27	21.38	21.29		
10	QPSK	1	49	21.20	21.24	21.21		
10	QPSK	25	0	20.12	20.21	20.25	21	1
10	QPSK	25	12	20.18	20.23	20.11		
10	QPSK	25	25	19.95	20.13	19.96		
10	QPSK	50	0	20.03	20.11	20.12		
10	16QAM	1	0	20.05	20.11	20.00	21	1
10	16QAM	1	25	20.01	20.07	19.95		
10	16QAM	1	49	19.87	19.99	19.93		
10	16QAM	25	0	19.12	19.20	19.10	20	2
10	16QAM	25	12	19.12	19.22	19.11		
10	16QAM	25	25	18.96	19.06	18.94		
10	16QAM	50	0	19.06	19.08	19.04		
10	64QAM	1	0	18.91	19.06	18.97	20	2
10	64QAM	1	25	18.98	19.05	18.98		
10	64QAM	1	49	18.94	19.00	18.96		
10	64QAM	25	0	17.94	18.06	17.97	19	3
10	64QAM	25	12	17.96	18.04	17.90		
10	64QAM	25	25	17.86	17.93	17.91		
10	64QAM	50	0	18.04	18.19	18.07		
10	256QAM	1	0	16.15	16.26	16.15	17	5
10	256QAM	1	25	15.96	16.20	16.15		
10	256QAM	1	49	15.93	16.07	15.93		
10	256QAM	25	0	16.00	16.11	16.09	17	5
10	256QAM	25	12	15.97	16.15	16.01		
10	256QAM	25	25	16.02	15.99	15.98		
10	256QAM	50	0	16.00	16.15	15.98		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.26	21.38	21.31	22	0
5	QPSK	1	12	21.29	21.37	21.27		
5	QPSK	1	24	21.21	21.26	21.22		
5	QPSK	12	0	20.15	20.20	20.22	21	1
5	QPSK	12	7	20.09	20.14	20.07		
5	QPSK	12	13	19.98	20.07	19.98		
5	QPSK	25	0	20.03	20.15	20.14		
5	16QAM	1	0	20.02	20.10	20.05	21	1
5	16QAM	1	12	19.95	20.03	19.94		
5	16QAM	1	24	19.88	19.99	19.99		
5	16QAM	12	0	19.12	19.16	19.07	20	2
5	16QAM	12	7	19.12	19.10	19.14		
5	16QAM	12	13	18.93	19.10	19.04		
5	16QAM	25	0	19.05	19.18	19.04		
5	64QAM	1	0	18.95	19.08	18.96	20	2
5	64QAM	1	12	19.02	19.02	18.92		
5	64QAM	1	24	18.87	18.97	18.91		
5	64QAM	12	0	17.92	18.06	17.95	19	3
5	64QAM	12	7	18.04	17.96	17.82		
5	64QAM	12	13	17.88	17.94	17.84		
5	64QAM	25	0	18.05	18.20	18.09		
5	256QAM	1	0	16.12	16.24	16.13	17	5
5	256QAM	1	12	16.02	16.16	16.12		
5	256QAM	1	24	16.02	16.06	15.95		
5	256QAM	12	0	16.00	16.12	16.14	17	5
5	256QAM	12	7	16.07	16.07	16.00		
5	256QAM	12	13	16.03	16.06	15.94		
5	256QAM	25	0	16.03	16.13	16.04		

Band 42 Part 96 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	21.24	21.47	21.40	22	0
20	QPSK	1	49	21.29	21.35	21.33		
20	QPSK	1	99	21.24	21.35	21.12		
20	QPSK	50	0	20.20	20.27	20.19	21	1
20	QPSK	50	24	20.21	20.23	20.09		
20	QPSK	50	50	19.93	20.12	20.03		
20	QPSK	100	0	20.05	20.18	20.15		
20	16QAM	1	0	19.96	20.10	20.06	21	1
20	16QAM	1	49	20.02	20.12	20.03		
20	16QAM	1	99	19.87	19.95	19.94		
20	16QAM	50	0	19.07	19.24	19.05	20	2
20	16QAM	50	24	19.07	19.10	19.17		
20	16QAM	50	50	19.04	19.14	19.06		
20	16QAM	100	0	19.01	19.09	19.05		
20	64QAM	1	0	18.91	19.02	19.08	20	2
20	64QAM	1	49	18.99	19.07	18.96		
20	64QAM	1	99	18.84	18.98	18.89		
20	64QAM	50	0	17.97	18.01	18.00	19	3
20	64QAM	50	24	18.05	18.04	17.82		
20	64QAM	50	50	17.92	18.00	17.84		
20	64QAM	100	0	18.12	18.10	18.07		
20	256QAM	1	0	16.13	16.19	16.10	17	5
20	256QAM	1	49	16.05	16.10	16.14		
20	256QAM	1	99	15.89	16.15	15.93		
20	256QAM	50	0	15.97	16.12	16.16	17	5
20	256QAM	50	24	15.96	16.19	16.03		
20	256QAM	50	50	15.91	16.01	16.05		
20	256QAM	100	0	15.93	16.18	15.95		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	21.21	21.34	21.31	22	0
15	QPSK	1	37	21.17	21.22	21.26		
15	QPSK	1	74	21.11	21.31	21.08		
15	QPSK	36	0	20.09	20.19	20.07	21	1
15	QPSK	36	20	20.11	20.07	20.03		
15	QPSK	36	39	19.80	20.09	19.91		
15	QPSK	75	0	19.96	20.05	20.06		
15	16QAM	1	0	19.85	20.04	20.02	21	1
15	16QAM	1	37	19.98	20.08	19.98		
15	16QAM	1	74	19.79	19.87	19.83		
15	16QAM	36	0	18.94	19.23	18.89	20	2
15	16QAM	36	20	18.96	18.97	19.00		
15	16QAM	36	39	18.88	19.00	18.95		
15	16QAM	75	0	18.86	19.05	18.95		
15	64QAM	1	0	18.79	18.87	18.93	20	2
15	64QAM	1	37	18.87	18.98	18.94		
15	64QAM	1	74	18.77	18.83	18.82		
15	64QAM	36	0	17.82	17.86	17.85	19	3
15	64QAM	36	20	17.99	17.95	17.71		
15	64QAM	36	39	17.76	17.90	17.82		
15	64QAM	75	0	18.04	17.96	18.01		
15	256QAM	1	0	16.09	16.06	15.97	17	5
15	256QAM	1	37	16.00	16.08	16.12		
15	256QAM	1	74	15.79	16.01	15.83		
15	256QAM	36	0	15.88	16.08	16.05	17	5
15	256QAM	36	20	15.91	16.09	15.95		
15	256QAM	36	39	15.75	15.86	15.94		
15	256QAM	75	0	15.76	16.03	15.86		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	21.20	21.40	21.26	22	0
10	QPSK	1	25	21.17	21.28	21.24		
10	QPSK	1	49	21.16	21.21	21.11		
10	QPSK	25	0	20.08	20.15	20.08	21	1
10	QPSK	25	12	20.13	20.11	19.98		
10	QPSK	25	25	19.92	20.02	20.02		
10	QPSK	50	0	19.98	20.14	20.09		
10	16QAM	1	0	19.90	20.06	20.00	21	1
10	16QAM	1	25	19.91	20.03	20.01		
10	16QAM	1	49	19.76	19.82	19.80		
10	16QAM	25	0	18.92	19.19	19.03	20	2
10	16QAM	25	12	19.04	19.05	19.01		
10	16QAM	25	25	19.01	19.05	18.99		
10	16QAM	50	0	18.91	19.06	19.01		
10	64QAM	1	0	18.75	18.92	18.93	20	2
10	64QAM	1	25	18.84	18.99	18.85		
10	64QAM	1	49	18.69	18.84	18.78		
10	64QAM	25	0	17.89	17.99	17.92	19	3
10	64QAM	25	12	17.89	17.96	17.75		
10	64QAM	25	25	17.87	17.96	17.78		
10	64QAM	50	0	18.04	17.95	17.98		
10	256QAM	1	0	16.08	16.12	15.97	17	5
10	256QAM	1	25	16.02	15.99	16.09		
10	256QAM	1	49	15.80	16.07	15.80		
10	256QAM	25	0	15.86	16.02	16.13	17	5
10	256QAM	25	12	15.89	16.13	15.91		
10	256QAM	25	25	15.82	15.91	16.00		
10	256QAM	50	0	15.76	16.09	15.91		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.19	21.43	21.33	22	0
5	QPSK	1	12	21.26	21.31	21.18		
5	QPSK	1	24	21.18	21.24	21.04		
5	QPSK	12	0	20.08	20.13	20.08	21	1
5	QPSK	12	7	20.13	20.15	19.93		
5	QPSK	12	13	19.83	20.02	19.95		
5	QPSK	25	0	19.91	20.05	20.05		
5	16QAM	1	0	19.81	20.07	19.96	21	1
5	16QAM	1	12	19.91	20.05	19.95		
5	16QAM	1	24	19.83	19.79	19.79		
5	16QAM	12	0	18.99	19.18	18.96	20	2
5	16QAM	12	7	18.91	18.93	19.03		
5	16QAM	12	13	18.93	19.13	19.02		
5	16QAM	25	0	18.99	19.05	18.94		
5	64QAM	1	0	18.76	18.89	19.07	20	2
5	64QAM	1	12	18.85	18.90	18.85		
5	64QAM	1	24	18.79	18.94	18.87		
5	64QAM	12	0	17.90	17.88	17.89	19	3
5	64QAM	12	7	17.93	17.94	17.66		
5	64QAM	12	13	17.80	17.93	17.80		
5	64QAM	25	0	17.98	17.95	18.02		
5	256QAM	1	0	16.04	16.16	15.96	17	5
5	256QAM	1	12	15.97	16.02	16.04		
5	256QAM	1	24	15.82	15.99	15.92		
5	256QAM	12	0	15.92	15.95	16.11	17	5
5	256QAM	12	7	15.88	16.05	15.99		
5	256QAM	12	13	15.86	15.99	15.95		
5	256QAM	25	0	15.89	16.10	15.81		

Band 43 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.28	21.33	21.24	22	0
20	QPSK	1	49	21.20	21.28	21.17		
20	QPSK	1	99	21.12	21.23	21.10		
20	QPSK	50	0	20.14	20.21	20.07	21	1
20	QPSK	50	24	20.03	20.16	20.11		
20	QPSK	50	50	20.00	20.09	19.99		
20	QPSK	100	0	20.02	20.17	20.04		
20	16QAM	1	0	20.03	20.12	20.06	21	1
20	16QAM	1	49	19.93	20.07	20.02		
20	16QAM	1	99	19.95	20.00	19.95		
20	16QAM	50	0	18.99	19.11	19.05	20	2
20	16QAM	50	24	18.91	19.06	19.01		
20	16QAM	50	50	18.85	18.99	18.89		
20	16QAM	100	0	19.03	19.08	18.99		
20	64QAM	1	0	18.88	18.99	18.89	20	2
20	64QAM	1	49	18.85	18.94	18.89		
20	64QAM	1	99	18.79	18.87	18.80		
20	64QAM	50	0	18.11	18.15	18.06	19	3
20	64QAM	50	24	17.96	18.10	18.06		
20	64QAM	50	50	17.90	18.03	17.90		
20	64QAM	100	0	17.94	18.02	17.98		
20	256QAM	1	0	16.07	16.15	16.01	17	5
20	256QAM	1	49	15.96	16.10	16.04		
20	256QAM	1	99	15.93	16.03	15.88		
20	256QAM	50	0	15.96	16.09	16.06	17	5
20	256QAM	50	24	16.00	16.04	15.93		
20	256QAM	50	50	15.93	15.97	15.92		
20	256QAM	100	0	15.82	15.96	15.87		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	21.15	21.27	21.13	22	0
15	QPSK	1	37	21.09	21.21	21.12		
15	QPSK	1	74	21.07	21.17	21.02		
15	QPSK	36	0	20.07	20.15	20.01	21	1
15	QPSK	36	20	19.93	20.02	19.98		
15	QPSK	36	39	19.89	19.97	19.89		
15	QPSK	75	0	19.91	20.08	19.90		
15	16QAM	1	0	19.99	20.01	19.94	21	1
15	16QAM	1	37	19.78	19.93	19.94		
15	16QAM	1	74	19.86	19.91	19.91		
15	16QAM	36	0	18.87	19.05	18.93	20	2
15	16QAM	36	20	18.88	18.92	18.96		
15	16QAM	36	39	18.81	18.90	18.74		
15	16QAM	75	0	18.99	18.96	18.84		
15	64QAM	1	0	18.73	18.88	18.75	20	2
15	64QAM	1	37	18.70	18.89	18.75		
15	64QAM	1	74	18.66	18.72	18.66		
15	64QAM	36	0	18.05	18.02	18.02	19	3
15	64QAM	36	20	17.86	18.06	17.93		
15	64QAM	36	39	17.87	17.97	17.84		
15	64QAM	75	0	17.89	17.94	17.95		
15	256QAM	1	0	15.96	16.08	15.89	17	5
15	256QAM	1	37	15.91	15.97	15.90		
15	256QAM	1	74	15.84	15.91	15.79		
15	256QAM	36	0	15.83	15.98	15.92	17	5
15	256QAM	36	20	15.87	15.96	15.85		
15	256QAM	36	39	15.82	15.87	15.85		
15	256QAM	75	0	15.78	15.85	15.83		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	21.23	21.29	21.18	22	0
10	QPSK	1	25	21.07	21.20	21.10		
10	QPSK	1	49	21.06	21.17	21.01		
10	QPSK	25	0	20.04	20.09	20.00	21	1
10	QPSK	25	12	19.91	20.09	20.04		
10	QPSK	25	25	19.95	20.03	19.84		
10	QPSK	50	0	19.98	20.10	19.96		
10	16QAM	1	0	19.96	20.06	20.00	21	1
10	16QAM	1	25	19.79	19.99	19.88		
10	16QAM	1	49	19.87	19.90	19.82		
10	16QAM	25	0	18.93	19.06	18.95	20	2
10	16QAM	25	12	18.77	19.00	18.97		
10	16QAM	25	25	18.76	18.94	18.83		
10	16QAM	50	0	18.99	18.99	18.95		
10	64QAM	1	0	18.77	18.88	18.77	20	2
10	64QAM	1	25	18.81	18.84	18.81		
10	64QAM	1	49	18.75	18.73	18.75		
10	64QAM	25	0	18.01	18.04	17.91	19	3
10	64QAM	25	12	17.90	17.95	17.96		
10	64QAM	25	25	17.81	18.00	17.78		
10	64QAM	50	0	17.79	17.98	17.85		
10	256QAM	1	0	15.92	16.07	15.89	17	5
10	256QAM	1	25	15.82	15.97	15.94		
10	256QAM	1	49	15.79	15.97	15.79		
10	256QAM	25	0	15.85	16.00	15.93	17	5
10	256QAM	25	12	15.92	15.97	15.88		
10	256QAM	25	25	15.79	15.95	15.87		
10	256QAM	50	0	15.67	15.90	15.80		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	21.19	21.21	21.15	22	0
5	QPSK	1	12	21.07	21.15	21.04		
5	QPSK	1	24	21.05	21.11	21.00		
5	QPSK	12	0	20.02	20.14	19.94	21	1
5	QPSK	12	7	19.93	20.09	20.06		
5	QPSK	12	13	19.89	20.03	19.91		
5	QPSK	25	0	19.95	20.10	19.96		
5	16QAM	1	0	19.96	20.08	19.96	21	1
5	16QAM	1	12	19.84	19.94	19.90		
5	16QAM	1	24	19.89	19.94	19.90		
5	16QAM	12	0	18.91	18.96	19.02	20	2
5	16QAM	12	7	18.81	18.97	18.96		
5	16QAM	12	13	18.74	18.91	18.82		
5	16QAM	25	0	18.91	19.01	18.84		
5	64QAM	1	0	18.77	18.89	18.82	20	2
5	64QAM	1	12	18.78	18.83	18.84		
5	64QAM	1	24	18.65	18.77	18.71		
5	64QAM	12	0	18.05	18.12	17.98	19	3
5	64QAM	12	7	17.86	17.97	17.95		
5	64QAM	12	13	17.76	18.00	17.86		
5	64QAM	25	0	17.81	17.96	17.91		
5	256QAM	1	0	15.96	16.01	15.92	17	5
5	256QAM	1	12	15.91	15.99	15.89		
5	256QAM	1	24	15.88	15.89	15.74		
5	256QAM	12	0	15.90	15.99	15.95	17	5
5	256QAM	12	7	15.96	15.98	15.81		
5	256QAM	12	13	15.79	15.87	15.84		
5	256QAM	25	0	15.75	15.87	15.83		

Band 48 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.36	21.44	21.41	21.31	22	0
20	QPSK	1	49	21.31	21.39	21.34	21.28		
20	QPSK	1	99	21.21	21.32	21.26	21.25		
20	QPSK	50	0	21.34	21.38	21.32	21.25	22	0
20	QPSK	50	24	21.21	21.33	21.25	21.23		
20	QPSK	50	50	21.17	21.26	21.15	21.20		
20	QPSK	100	0	21.29	21.33	21.20	21.21		
20	16QAM	1	0	21.26	21.38	21.33	21.24	22	0
20	16QAM	1	49	21.21	21.33	21.20	21.20		
20	16QAM	1	99	21.13	21.26	21.22	21.12		
20	16QAM	50	0	20.29	20.35	20.27	20.25	21	1
20	16QAM	50	24	20.21	20.30	20.21	20.25		
20	16QAM	50	50	20.13	20.23	20.10	20.15		
20	16QAM	100	0	20.23	20.32	20.26	20.25		
20	64QAM	1	0	20.16	20.27	20.23	20.15	21	1
20	64QAM	1	49	20.08	20.22	20.18	20.17		
20	64QAM	1	99	20.05	20.15	20.06	20.02		
20	64QAM	50	0	19.21	19.31	19.21	19.24	20	2
20	64QAM	50	24	19.17	19.26	19.11	19.14		
20	64QAM	50	50	19.10	19.19	19.08	19.08		
20	64QAM	100	0	19.20	19.28	19.20	19.23		
20	256QAM	1	0	17.29	17.34	17.24	17.28	18	4
20	256QAM	1	49	17.21	17.29	17.25	17.19		
20	256QAM	1	99	17.14	17.22	17.09	17.10		
20	256QAM	50	0	17.16	17.28	17.14	17.17	18	4
20	256QAM	50	24	17.18	17.23	17.16	17.19		
20	256QAM	50	50	17.10	17.16	17.10	17.04		
20	256QAM	100	0	17.18	17.23	17.15	17.12		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.22	21.39	21.27	21.25	22	0
15	QPSK	1	37	21.28	21.30	21.26	21.24		
15	QPSK	1	74	21.16	21.22	21.20	21.18		
15	QPSK	36	0	21.27	21.24	21.28	21.22	22	0
15	QPSK	36	20	21.18	21.24	21.12	21.19		
15	QPSK	36	39	21.06	21.20	21.12	21.10		
15	QPSK	75	0	21.16	21.28	21.08	21.08		
15	16QAM	1	0	21.19	21.24	21.29	21.21	22	0
15	16QAM	1	37	21.13	21.25	21.17	21.13		
15	16QAM	1	74	20.98	21.22	21.13	21.05		
15	16QAM	36	0	20.14	20.23	20.13	20.20	21	1
15	16QAM	36	20	20.14	20.26	20.16	20.16		
15	16QAM	36	39	20.02	20.17	20.04	20.09		
15	16QAM	75	0	20.12	20.20	20.22	20.20		
15	64QAM	1	0	20.08	20.21	20.13	20.02	21	1
15	64QAM	1	37	20.02	20.08	20.13	20.10		
15	64QAM	1	74	19.92	20.11	19.99	19.94		
15	64QAM	36	0	19.11	19.26	19.09	19.13	20	2
15	64QAM	36	20	19.10	19.18	18.97	19.06		
15	64QAM	36	39	18.96	19.14	19.01	19.03		
15	64QAM	75	0	19.09	19.24	19.07	19.17		
15	256QAM	1	0	17.16	17.22	17.13	17.20	18	4
15	256QAM	1	37	17.07	17.25	17.13	17.14		
15	256QAM	1	74	17.10	17.09	16.96	17.00		
15	256QAM	36	0	17.09	17.14	17.08	17.03	18	4
15	256QAM	36	20	17.06	17.14	17.01	17.06		
15	256QAM	36	39	16.98	17.13	17.00	16.93		
15	256QAM	75	0	17.04	17.17	17.06	17.01		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.30	21.35	21.30	21.26	22	0
10	QPSK	1	25	21.25	21.31	21.28	21.22		
10	QPSK	1	49	21.12	21.29	21.13	21.19		
10	QPSK	25	0	21.22	21.35	21.21	21.14	22	0
10	QPSK	25	12	21.18	21.19	21.22	21.15		
10	QPSK	25	25	21.11	21.15	21.05	21.14		
10	QPSK	50	0	21.14	21.25	21.07	21.07		
10	16QAM	1	0	21.18	21.26	21.28	21.13	22	0
10	16QAM	1	25	21.11	21.20	21.14	21.09		
10	16QAM	1	49	21.02	21.18	21.16	21.09		
10	16QAM	25	0	20.20	20.24	20.14	20.15	21	1
10	16QAM	25	12	20.10	20.25	20.17	20.10		
10	16QAM	25	25	19.99	20.16	20.02	20.04		
10	16QAM	50	0	20.16	20.18	20.20	20.21		
10	64QAM	1	0	20.07	20.23	20.20	20.04	21	1
10	64QAM	1	25	19.96	20.16	20.15	20.02		
10	64QAM	1	49	19.98	20.10	20.03	19.93		
10	64QAM	25	0	19.11	19.25	19.08	19.10	20	2
10	64QAM	25	12	19.13	19.16	18.96	19.11		
10	64QAM	25	25	19.04	19.13	19.05	18.98		
10	64QAM	50	0	19.10	19.17	19.10	19.08		
10	256QAM	1	0	17.22	17.21	17.16	17.20	18	4
10	256QAM	1	25	17.12	17.14	17.11	17.04		
10	256QAM	1	49	17.04	17.14	17.03	17.01		
10	256QAM	25	0	17.08	17.14	17.02	17.11	18	4
10	256QAM	25	12	17.09	17.09	17.07	17.05		
10	256QAM	25	25	17.05	17.02	17.04	17.00		
10	256QAM	50	0	17.09	17.14	17.11	17.01		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.22	21.35	21.27	21.18	22	0
5	QPSK	1	12	21.20	21.24	21.31	21.23		
5	QPSK	1	24	21.15	21.21	21.17	21.17		
5	QPSK	12	0	21.20	21.34	21.21	21.19	22	0
5	QPSK	12	7	21.07	21.22	21.16	21.17		
5	QPSK	12	13	21.12	21.23	21.09	21.16		
5	QPSK	25	0	21.16	21.22	21.10	21.14		
5	16QAM	1	0	21.19	21.23	21.21	21.10	22	0
5	16QAM	1	12	21.10	21.21	21.08	21.17		
5	16QAM	1	24	21.00	21.11	21.16	21.00		
5	16QAM	12	0	20.22	20.31	20.23	20.21	21	1
5	16QAM	12	7	20.07	20.20	20.08	20.19		
5	16QAM	12	13	19.99	20.18	19.95	20.01		
5	16QAM	25	0	20.14	20.19	20.12	20.12		
5	64QAM	1	0	20.12	20.19	20.11	20.04	21	1
5	64QAM	1	12	19.98	20.09	20.12	20.08		
5	64QAM	1	24	20.01	20.01	20.00	19.90		
5	64QAM	12	0	19.12	19.21	19.14	19.16	20	2
5	64QAM	12	7	19.06	19.22	19.05	19.01		
5	64QAM	12	13	18.97	19.12	18.98	19.04		
5	64QAM	25	0	19.06	19.21	19.09	19.14		
5	256QAM	1	0	17.22	17.22	17.10	17.22	18	4
5	256QAM	1	12	17.07	17.24	17.21	17.07		
5	256QAM	1	24	17.08	17.18	17.04	17.07		
5	256QAM	12	0	17.02	17.15	17.11	17.10	18	4
5	256QAM	12	7	17.07	17.19	17.04	17.13		
5	256QAM	12	13	17.03	17.04	17.05	16.97		
5	256QAM	25	0	17.03	17.20	17.10	17.01		

GSM1900 ANT3	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	31.11	31.18	31.05	31.50	22.11	22.18	22.05	22.50
GPRS 1 Tx slot	31.15	31.23	31.09	31.50	22.15	22.23	22.09	22.50
GPRS 2 Tx slots	27.52	27.60	27.54	28.00	21.52	21.60	21.54	22.00
GPRS 3 Tx slots	25.19	25.28	25.15	27.00	20.93	21.02	20.89	22.74
GPRS 4 Tx slots	23.39	23.52	23.40	25.00	20.39	20.52	20.40	22.00
EDGE 1 Tx slot	25.64	25.74	25.60	27.00	16.64	16.74	16.60	18.00
EDGE 2 Tx slots	24.06	24.12	23.99	25.50	18.06	18.12	17.99	19.50
EDGE 3 Tx slots	22.84	22.91	22.79	24.50	18.58	18.65	18.53	20.24
EDGE 4 Tx slots	20.73	20.80	20.77	22.50	17.73	17.80	17.77	19.50

Band		WCDMA II ANT3			Tune-up Limit	WCDMA IV ANT3			Tune-up Limit
TX Channel		9262	9400	9538	(dBm)	1312	1413	1513	(dBm)
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.31	22.40	22.34	23.80	22.31	22.36	22.42	23.50
3GPP Rel 99	RMC 12.2Kbps	22.36	22.47	22.35	23.80	22.41	22.49	22.46	23.50
3GPP Rel 6	HSDPA Subtest-1	21.42	21.62	21.68	22.80	21.34	21.49	21.46	22.50
3GPP Rel 6	HSDPA Subtest-2	21.46	21.68	21.39	22.80	21.38	21.55	21.37	22.50
3GPP Rel 6	HSDPA Subtest-3	21.11	21.01	21.14	22.30	21.14	20.98	20.89	22.00
3GPP Rel 6	HSDPA Subtest-4	20.93	21.16	21.10	22.30	20.96	21.09	20.90	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	21.46	21.73	21.46	22.80	21.42	21.55	21.45	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.40	21.61	21.67	22.80	21.39	21.48	21.58	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	20.85	20.96	20.97	22.30	20.71	20.88	20.83	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	20.84	21.02	21.01	22.30	20.74	20.87	20.72	22.00
3GPP Rel 6	HSUPA Subtest-1	21.50	21.66	21.43	22.80	21.44	21.52	21.39	22.50
3GPP Rel 6	HSUPA Subtest-2	19.73	19.50	19.53	20.80	19.57	19.58	19.49	20.50
3GPP Rel 6	HSUPA Subtest-3	20.67	20.55	20.51	21.80	20.44	20.55	20.37	21.50
3GPP Rel 6	HSUPA Subtest-4	19.37	19.74	19.67	20.80	19.29	19.57	19.60	20.50
3GPP Rel 6	HSUPA Subtest-5	21.49	21.47	21.38	22.80	21.36	21.41	21.45	22.50

Band 2 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.54	21.67	21.66	22.5	0
20	QPSK	1	49	21.47	21.57	21.57		
20	QPSK	1	99	21.53	21.47	21.51		
20	QPSK	50	0	21.44	21.65	21.53		
20	QPSK	50	24	21.36	21.62	21.39	22.5	0
20	QPSK	50	50	21.54	21.36	21.37		
20	QPSK	100	0	21.45	21.54	21.48		
20	16QAM	1	0	21.33	21.52	21.32		
20	16QAM	1	49	21.42	21.43	21.33	22.5	0
20	16QAM	1	99	21.37	21.53	21.39		
20	16QAM	50	0	21.07	21.11	21.00		
20	16QAM	50	24	20.95	21.01	20.97	22	0.5
20	16QAM	50	50	20.79	20.89	20.88		
20	16QAM	100	0	20.88	21.02	20.92		
20	64QAM	1	0	20.87	20.88	20.81		
20	64QAM	1	49	20.77	20.80	20.72	22	0.5
20	64QAM	1	99	20.75	20.80	20.61		
20	64QAM	50	0	20.08	20.16	20.05		
20	64QAM	50	24	20.07	20.17	20.11	21	1.5
20	64QAM	50	50	19.92	20.11	19.97		
20	64QAM	100	0	19.90	20.02	19.89		
20	256QAM	1	0	18.27	18.31	18.17		
20	256QAM	1	49	18.11	18.28	18.22	19	3.5
20	256QAM	1	99	18.14	18.26	18.24		
20	256QAM	50	0	17.91	18.08	18.02		
20	256QAM	50	24	17.87	17.97	17.95	19	3.5
20	256QAM	50	50	17.92	18.00	17.85		
20	256QAM	100	0	17.89	18.03	17.96		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.43	21.50	21.45		
15	QPSK	1	37	21.25	21.41	21.50	22.5	0
15	QPSK	1	74	21.42	21.28	21.34		
15	QPSK	36	0	21.25	21.43	21.31		
15	QPSK	36	20	21.27	21.50	21.18	22.5	0
15	QPSK	36	39	21.31	21.15	21.20		
15	QPSK	75	0	21.22	21.43	21.36		
15	16QAM	1	0	21.24	21.34	21.24		
15	16QAM	1	37	21.30	21.35	21.24	22.5	0
15	16QAM	1	74	21.27	21.38	21.26		
15	16QAM	36	0	20.85	20.91	20.93		
15	16QAM	36	20	20.79	20.78	20.86	22	0.5
15	16QAM	36	39	20.59	20.81	20.67		
15	16QAM	75	0	20.80	20.86	20.72		
15	64QAM	1	0	20.75	20.78	20.63		
15	64QAM	1	37	20.55	20.70	20.61	22	0.5
15	64QAM	1	74	20.68	20.73	20.53		
15	64QAM	36	0	19.97	20.07	19.86		
15	64QAM	36	20	19.97	19.96	19.98	21	1.5
15	64QAM	36	39	19.84	19.88	19.75		
15	64QAM	75	0	19.74	19.86	19.75		
15	256QAM	1	0	18.09	18.21	18.01		
15	256QAM	1	37	17.99	18.19	18.00	19	3.5
15	256QAM	1	74	18.01	18.19	18.05		
15	256QAM	36	0	17.74	17.96	17.83		
15	256QAM	36	20	17.67	17.85	17.82	19	3.5
15	256QAM	36	39	17.82	17.87	17.74		
15	256QAM	75	0	17.70	17.94	17.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.46	21.59	21.58	22.5	0
10	QPSK	1	25	21.35	21.43	21.48		
10	QPSK	1	49	21.37	21.39	21.34		
10	QPSK	25	0	21.22	21.43	21.35		
10	QPSK	25	12	21.27	21.42	21.32	22.5	0
10	QPSK	25	25	21.44	21.23	21.22		
10	QPSK	50	0	21.37	21.32	21.38		
10	16QAM	1	0	21.20	21.37	21.19		
10	16QAM	1	25	21.19	21.34	21.24	22.5	0
10	16QAM	1	49	21.29	21.45	21.17		
10	16QAM	25	0	20.97	21.02	20.83		
10	16QAM	25	12	20.76	20.87	20.79	22	0.5
10	16QAM	25	25	20.71	20.81	20.70		
10	16QAM	50	0	20.71	20.86	20.81		
10	64QAM	1	0	20.66	20.66	20.64		
10	64QAM	1	25	20.67	20.65	20.52	22	0.5
10	64QAM	1	49	20.66	20.63	20.49		
10	64QAM	25	0	19.88	20.03	19.85		
10	64QAM	25	12	19.96	20.07	19.99	21	1.5
10	64QAM	25	25	19.71	20.03	19.82		
10	64QAM	50	0	19.72	19.90	19.78		
10	256QAM	1	0	18.18	18.22	18.02		
10	256QAM	1	25	17.93	18.13	18.10	19	3.5
10	256QAM	1	49	17.93	18.13	18.03		
10	256QAM	25	0	17.77	17.93	17.94		
10	256QAM	25	12	17.76	17.86	17.86	19	3.5
10	256QAM	25	25	17.77	17.82	17.73		
10	256QAM	50	0	17.78	17.91	17.75		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.36	21.47	21.44		
5	QPSK	1	12	21.38	21.41	21.48	22.5	0
5	QPSK	1	24	21.36	21.33	21.38		
5	QPSK	12	0	21.36	21.56	21.31		
5	QPSK	12	7	21.21	21.40	21.25	22.5	0
5	QPSK	12	13	21.34	21.26	21.29		
5	QPSK	25	0	21.26	21.45	21.28		
5	16QAM	1	0	21.12	21.43	21.20		
5	16QAM	1	12	21.26	21.21	21.15	22.5	0
5	16QAM	1	24	21.20	21.38	21.17		
5	16QAM	12	0	20.95	20.92	20.81		
5	16QAM	12	7	20.83	20.85	20.76	22	0.5
5	16QAM	12	13	20.63	20.70	20.70		
5	16QAM	25	0	20.69	20.80	20.79		
5	64QAM	1	0	20.74	20.75	20.59		
5	64QAM	1	12	20.58	20.63	20.51	22	0.5
5	64QAM	1	24	20.57	20.58	20.42		
5	64QAM	12	0	20.00	19.95	19.93		
5	64QAM	12	7	19.85	20.04	19.96	21	1.5
5	64QAM	12	13	19.81	19.89	19.88		
5	64QAM	25	0	19.74	19.87	19.77		
5	256QAM	1	0	18.08	18.17	18.10		
5	256QAM	1	12	17.90	18.11	18.01	19	3.5
5	256QAM	1	24	17.95	18.05	18.12		
5	256QAM	12	0	17.72	17.96	17.90		
5	256QAM	12	7	17.71	17.82	17.87	19	3.5
5	256QAM	12	13	17.77	17.91	17.63		
5	256QAM	25	0	17.78	17.81	17.75		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.34	21.59	21.54		
3	QPSK	1	8	21.25	21.45	21.49	22.5	0
3	QPSK	1	14	21.31	21.29	21.34		
3	QPSK	8	0	21.36	21.55	21.35		
3	QPSK	8	4	21.21	21.41	21.21	22.5	0
3	QPSK	8	7	21.39	21.23	21.22		
3	QPSK	15	0	21.33	21.33	21.27		
3	16QAM	1	0	21.15	21.38	21.09		
3	16QAM	1	8	21.26	21.30	21.13	22.5	0
3	16QAM	1	14	21.14	21.43	21.21		
3	16QAM	8	0	20.95	20.89	20.81		
3	16QAM	8	4	20.94	20.91	20.81	22	0.5
3	16QAM	8	7	20.61	20.67	20.78		
3	16QAM	15	0	20.72	20.84	20.74		
3	64QAM	1	0	20.79	20.68	20.65		
3	64QAM	1	8	20.61	20.65	20.58	22	0.5
3	64QAM	1	14	20.61	20.61	20.43		
3	64QAM	8	0	19.90	20.05	19.94		
3	64QAM	8	4	19.89	19.97	19.95	21	1.5
3	64QAM	8	7	19.82	20.00	19.89		
3	64QAM	15	0	19.75	19.88	19.74		
3	256QAM	1	0	18.10	18.09	17.99		
3	256QAM	1	8	17.98	18.14	18.08	19	3.5
3	256QAM	1	14	17.93	18.10	18.11		
3	256QAM	8	0	17.72	18.01	17.89		
3	256QAM	8	4	17.78	17.76	17.88	19	3.5
3	256QAM	8	7	17.72	17.84	17.66		
3	256QAM	15	0	17.68	17.81	17.86		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.45	21.51	21.53		
1.4	QPSK	1	3	21.40	21.48	21.36		
1.4	QPSK	1	5	21.40	21.29	21.44	22.5	0
1.4	QPSK	3	0	21.47	21.57	21.60		
1.4	QPSK	3	1	21.31	21.40	21.39		
1.4	QPSK	3	3	21.52	21.39	21.42		
1.4	QPSK	6	0	21.24	21.40	21.46	22.5	0
1.4	16QAM	1	0	21.32	21.37	21.20		
1.4	16QAM	1	3	21.36	21.32	21.23		
1.4	16QAM	1	5	21.33	21.41	21.29	22.5	0
1.4	16QAM	3	0	21.19	21.31	21.23		
1.4	16QAM	3	1	21.29	21.31	21.25		
1.4	16QAM	3	3	21.29	21.27	21.20		
1.4	16QAM	6	0	20.97	20.97	20.93	22	0.5
1.4	64QAM	1	0	20.80	20.98	20.91		
1.4	64QAM	1	3	20.77	20.79	20.80		
1.4	64QAM	1	5	20.73	20.89	20.76	22	0.5
1.4	64QAM	3	0	20.69	20.79	20.69		
1.4	64QAM	3	1	20.73	20.74	20.72		
1.4	64QAM	3	3	20.50	20.70	20.47		
1.4	64QAM	6	0	20.04	20.12	20.02	21	1.5
1.4	256QAM	1	0	18.20	18.39	18.05		
1.4	256QAM	1	3	18.06	18.19	18.18		
1.4	256QAM	1	5	17.96	18.08	18.11	19	3.5
1.4	256QAM	3	0	17.86	18.04	17.95		
1.4	256QAM	3	1	17.75	17.94	17.96		
1.4	256QAM	3	3	17.76	17.94	17.71		
1.4	256QAM	6	0	17.82	17.91	18.01	19	3.5

Band 4 Ant 3

BW [MHz]	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	22.72	22.87	22.67	24	0
20	QPSK	1	49	22.61	22.78	22.53		
20	QPSK	1	99	22.54	22.73	22.53		
20	QPSK	50	0	21.99	22.03	21.91		
20	QPSK	50	24	21.93	21.98	21.90	23	1
20	QPSK	50	50	21.86	21.91	21.81		
20	QPSK	100	0	21.80	21.89	21.78		
20	16QAM	1	0	22.15	22.18	22.05		
20	16QAM	1	49	21.99	22.13	22.07	23	1
20	16QAM	1	99	22.00	22.06	21.92		
20	16QAM	50	0	21.01	21.08	21.03		
20	16QAM	50	24	20.98	21.03	20.92	22	2
20	16QAM	50	50	20.88	20.96	20.91		
20	16QAM	100	0	20.89	21.04	20.90		
20	64QAM	1	0	21.02	21.14	21.06		
20	64QAM	1	49	21.05	21.09	21.01	22	2
20	64QAM	1	99	20.90	21.02	20.88		
20	64QAM	50	0	19.97	20.02	19.98		
20	64QAM	50	24	19.88	19.97	19.89	21	3
20	64QAM	50	50	19.76	19.90	19.83		
20	64QAM	100	0	19.96	20.11	20.01		
20	256QAM	1	0	18.03	18.12	18.06		
20	256QAM	1	49	17.94	18.07	17.92	19	5
20	256QAM	1	99	17.86	18.00	17.94		
20	256QAM	50	0	17.99	18.08	17.95		
20	256QAM	50	24	17.91	18.03	17.90	19	5
20	256QAM	50	50	17.82	17.96	17.89		
20	256QAM	100	0	17.96	18.04	17.92		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.68	22.83	22.64	24	0
15	QPSK	1	37	22.52	22.70	22.49		
15	QPSK	1	74	22.41	22.59	22.40		
15	QPSK	36	0	21.89	21.92	21.86		
15	QPSK	36	20	21.88	21.90	21.82	23	1
15	QPSK	36	39	21.71	21.87	21.73		
15	QPSK	75	0	21.71	21.78	21.75		
15	16QAM	1	0	22.04	22.10	21.93		
15	16QAM	1	37	21.93	22.05	22.01	23	1
15	16QAM	1	74	21.92	21.91	21.78		
15	16QAM	36	0	20.96	21.04	20.89		
15	16QAM	36	20	20.88	20.93	20.89	22	2
15	16QAM	36	39	20.81	20.90	20.85		
15	16QAM	75	0	20.80	20.96	20.81		
15	64QAM	1	0	20.93	21.11	20.94		
15	64QAM	1	37	21.01	20.94	20.92	22	2
15	64QAM	1	74	20.76	20.89	20.81		
15	64QAM	36	0	19.86	19.98	19.94		
15	64QAM	36	20	19.76	19.87	19.82	21	3
15	64QAM	36	39	19.72	19.76	19.75		
15	64QAM	75	0	19.89	20.06	19.97		
15	256QAM	1	0	17.94	18.06	17.99		
15	256QAM	1	37	17.81	18.03	17.83	19	5
15	256QAM	1	74	17.71	17.95	17.87		
15	256QAM	36	0	17.88	18.03	17.91		
15	256QAM	36	20	17.87	17.91	17.78	19	5
15	256QAM	36	39	17.70	17.92	17.76		
15	256QAM	75	0	17.83	17.92	17.79		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.67	22.76	22.56	24	0
10	QPSK	1	25	22.55	22.72	22.43		
10	QPSK	1	49	22.48	22.66	22.43		
10	QPSK	25	0	21.88	21.93	21.76		
10	QPSK	25	12	21.82	21.85	21.83	23	1
10	QPSK	25	25	21.71	21.85	21.77		
10	QPSK	50	0	21.71	21.79	21.65		
10	16QAM	1	0	22.12	22.06	22.00		
10	16QAM	1	25	21.95	22.07	21.99	23	1
10	16QAM	1	49	21.92	22.01	21.82		
10	16QAM	25	0	20.97	21.03	20.90		
10	16QAM	25	12	20.87	20.89	20.78	22	2
10	16QAM	25	25	20.83	20.89	20.86		
10	16QAM	50	0	20.76	20.92	20.83		
10	64QAM	1	0	20.95	21.02	20.97		
10	64QAM	1	25	21.02	20.96	20.88	22	2
10	64QAM	1	49	20.80	20.89	20.76		
10	64QAM	25	0	19.87	19.88	19.95		
10	64QAM	25	12	19.75	19.90	19.76	21	3
10	64QAM	25	25	19.70	19.76	19.79		
10	64QAM	50	0	19.88	20.01	19.93		
10	256QAM	1	0	17.96	18.04	17.95		
10	256QAM	1	25	17.82	17.99	17.80	19	5
10	256QAM	1	49	17.80	17.86	17.91		
10	256QAM	25	0	17.93	17.95	17.87		
10	256QAM	25	12	17.86	17.93	17.77	19	5
10	256QAM	25	25	17.74	17.86	17.82		
10	256QAM	50	0	17.90	17.92	17.88		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.62	22.73	22.55	24	0
5	QPSK	1	12	22.49	22.69	22.39		
5	QPSK	1	24	22.45	22.66	22.40		
5	QPSK	12	0	21.89	21.89	21.84		
5	QPSK	12	7	21.85	21.91	21.77	23	1
5	QPSK	12	13	21.75	21.87	21.77		
5	QPSK	25	0	21.66	21.75	21.68		
5	16QAM	1	0	22.06	22.12	21.91		
5	16QAM	1	12	21.89	22.00	21.95	23	1
5	16QAM	1	24	21.92	21.97	21.77		
5	16QAM	12	0	20.94	20.95	20.91		
5	16QAM	12	7	20.94	20.91	20.80	22	2
5	16QAM	12	13	20.74	20.84	20.81		
5	16QAM	25	0	20.76	20.90	20.81		
5	64QAM	1	0	20.90	20.99	20.99		
5	64QAM	1	12	20.96	20.97	20.92	22	2
5	64QAM	1	24	20.82	20.97	20.81		
5	64QAM	12	0	19.91	19.98	19.86		
5	64QAM	12	7	19.75	19.89	19.75	21	3
5	64QAM	12	13	19.64	19.77	19.75		
5	64QAM	25	0	19.88	19.98	19.92		
5	256QAM	1	0	17.93	17.98	18.00		
5	256QAM	1	12	17.80	17.98	17.88	19	5
5	256QAM	1	24	17.82	17.95	17.87		
5	256QAM	12	0	17.94	18.02	17.88		
5	256QAM	12	7	17.84	17.93	17.79	19	5
5	256QAM	12	13	17.72	17.92	17.80		
5	256QAM	25	0	17.85	17.98	17.83		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.61	22.73	22.52	24	0
3	QPSK	1	8	22.53	22.69	22.43		
3	QPSK	1	14	22.50	22.66	22.45		
3	QPSK	8	0	21.95	21.94	21.77		
3	QPSK	8	4	21.89	21.85	21.82	23	1
3	QPSK	8	7	21.82	21.82	21.73		
3	QPSK	15	0	21.68	21.84	21.64		
3	16QAM	1	0	22.06	22.12	21.92		
3	16QAM	1	8	21.95	22.03	21.98	23	1
3	16QAM	1	14	21.88	22.02	21.81		
3	16QAM	8	0	20.88	20.98	20.89		
3	16QAM	8	4	20.85	20.97	20.85	22	2
3	16QAM	8	7	20.80	20.82	20.87		
3	16QAM	15	0	20.82	20.93	20.86		
3	64QAM	1	0	20.95	21.07	21.00		
3	64QAM	1	8	20.95	20.94	20.93	22	2
3	64QAM	1	14	20.80	20.88	20.78		
3	64QAM	8	0	19.82	19.88	19.90		
3	64QAM	8	4	19.83	19.83	19.76	21	3
3	64QAM	8	7	19.70	19.84	19.74		
3	64QAM	15	0	19.88	20.07	19.95		
3	256QAM	1	0	17.88	18.08	17.93		
3	256QAM	1	8	17.89	17.99	17.88	19	5
3	256QAM	1	14	17.74	17.87	17.83		
3	256QAM	8	0	17.92	18.00	17.83		
3	256QAM	8	4	17.78	17.90	17.82	19	5
3	256QAM	8	7	17.76	17.91	17.79		
3	256QAM	15	0	17.93	17.98	17.79		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.58	22.82	22.57	24	0
1.4	QPSK	1	3	22.57	22.73	22.49		
1.4	QPSK	1	5	22.48	22.67	22.46		
1.4	QPSK	3	0	22.58	22.70	22.59		
1.4	QPSK	3	1	22.45	22.49	22.55		
1.4	QPSK	3	3	22.47	22.45	22.43		
1.4	QPSK	6	0	21.89	21.90	21.82	23	1
1.4	16QAM	1	0	21.87	21.89	21.77		
1.4	16QAM	1	3	21.72	21.83	21.77		
1.4	16QAM	1	5	21.74	21.75	21.74	23	1
1.4	16QAM	3	0	22.06	22.08	21.90		
1.4	16QAM	3	1	21.94	22.01	21.93		
1.4	16QAM	3	3	21.94	21.95	21.84		
1.4	16QAM	6	0	20.88	20.95	20.94	22	2
1.4	64QAM	1	0	20.84	20.94	20.82		
1.4	64QAM	1	3	20.78	20.89	20.86		
1.4	64QAM	1	5	20.75	21.00	20.84	22	2
1.4	64QAM	3	0	20.97	21.02	20.94		
1.4	64QAM	3	1	20.90	20.94	20.97		
1.4	64QAM	3	3	20.82	20.96	20.84		
1.4	64QAM	6	0	19.83	19.90	19.91	21	3
1.4	256QAM	1	0	17.92	18.08	17.98		
1.4	256QAM	1	3	17.90	18.02	17.85		
1.4	256QAM	1	5	17.81	17.92	17.86	19	5
1.4	256QAM	3	0	17.87	18.04	17.87		
1.4	256QAM	3	1	17.81	17.93	17.87		
1.4	256QAM	3	3	17.74	17.88	17.79		
1.4	256QAM	6	0	17.83	17.95	17.78	19	5

Band 7 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.08	22.15	22.11	22.8	0
20	QPSK	1	49	21.95	22.01	22.02		
20	QPSK	1	99	21.93	21.99	22.02		
20	QPSK	50	0	21.99	22.09	22.04		
20	QPSK	50	24	21.83	21.95	21.85	22.8	0
20	QPSK	50	50	21.87	21.88	21.87		
20	QPSK	100	0	22.03	22.06	22.04		
20	16QAM	1	0	21.80	21.85	21.99		
20	16QAM	1	49	21.79	21.88	21.98	22.8	0
20	16QAM	1	99	21.86	21.90	21.96		
20	16QAM	50	0	21.35	21.41	21.30		
20	16QAM	50	24	21.30	21.36	21.28	22

Band 25 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.75	21.81	21.79	22.5	0
20	QPSK	1	49	21.60	21.75	21.66		
20	QPSK	25	0	21.74	21.82	21.67		
20	QPSK	50	0	21.59	21.77	21.68		
20	QPSK	50	24	21.57	21.69	21.54	22.5	0
20	QPSK	50	50	21.66	21.54	21.59		
20	QPSK	100	0	21.61	21.71	21.65		
20	16QAM	1	0	21.46	21.69	21.49		
20	16QAM	1	49	21.59	21.60	21.50	22.5	0
20	16QAM	1	99	21.50	21.66	21.52		
20	16QAM	50	0	21.14	21.22	21.17		
20	16QAM	50	24	21.09	21.17	21.13	22	0.5
20	16QAM	50	50	21.02	21.10	21.02		
20	16QAM	100	0	21.04	21.15	21.03		
20	64QAM	1	0	20.99	21.05	20.94		
20	64QAM	1	49	20.91	21.00	20.85	22	0.5
20	64QAM	1	99	20.88	20.93	20.76		
20	64QAM	50	0	20.18	20.32	20.21		
20	64QAM	50	24	20.19	20.27	20.20	21	1.5
20	64QAM	50	50	20.12	20.20	20.16		
20	64QAM	100	0	20.05	20.17	20.07		
20	256QAM	1	0	18.44	18.52	18.38		
20	256QAM	1	49	18.33	18.47	18.39	19	3.5
20	256QAM	1	99	18.30	18.40	18.32		
20	256QAM	50	0	18.09	18.24	18.11		
20	256QAM	50	24	18.06	18.19	18.14	19	3.5
20	256QAM	50	50	18.08	18.12	18.01		
20	256QAM	100	0	18.10	18.21	18.16		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.61	21.63	21.64	22.5	0
15	QPSK	1	37	21.52	21.62	21.47		
15	QPSK	1	74	21.60	21.56	21.51		
15	QPSK	36	0	21.47	21.58	21.63		
15	QPSK	36	20	21.45	21.50	21.48	22.5	0
15	QPSK	36	39	21.59	21.37	21.47		
15	QPSK	75	0	21.46	21.66	21.49		
15	16QAM	1	0	21.37	21.49	21.41		
15	16QAM	1	37	21.40	21.47	21.35	22.5	0
15	16QAM	1	74	21.44	21.55	21.41		
15	16QAM	36	0	20.99	21.15	21.04		
15	16QAM	36	20	20.99	21.08	21.09	22	0.5
15	16QAM	36	39	20.95	21.06	20.89		
15	16QAM	75	0	20.90	21.07	20.92		
15	64QAM	1	0	20.89	21.00	20.84		
15	64QAM	1	37	20.77	20.94	20.82	22	0.5
15	64QAM	1	74	20.76	20.79	20.67		
15	64QAM	36	0	20.06	20.26	20.17		
15	64QAM	36	20	20.06	20.17	20.08	21	1.5
15	64QAM	36	39	19.99	20.12	20.01		
15	64QAM	75	0	19.91	20.08	19.96		
15	256QAM	1	0	18.30	18.42	18.29		
15	256QAM	1	37	18.29	18.37	18.27	19	3.5
15	256QAM	1	74	18.23	18.28	18.18		
15	256QAM	36	0	17.95	18.19	17.96		
15	256QAM	36	20	17.97	18.14	18.11	19	3.5
15	256QAM	36	39	18.00	17.98	17.96		
15	256QAM	75	0	17.97	18.09	18.09		
Channel				26090	26340	26540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.62	21.70	21.69	22.5	0
10	QPSK	1	25	21.55	21.57	21.54		
10	QPSK	1	49	21.57	21.49	21.60		
10	QPSK	25	0	21.40	21.73	21.50	22.5	0
10	QPSK	25	12	21.37	21.60	21.34		
10	QPSK	25	25	21.61	21.48	21.48		
10	QPSK	50	0	21.56	21.51	21.54		
10	16QAM	1	0	21.36	21.63	21.41		
10	16QAM	1	25	21.44	21.51	21.44	22.5	0
10	16QAM	1	49	21.38	21.54	21.44		
10	16QAM	25	0	21.08	21.19	21.03		
10	16QAM	25	12	21.02	21.10	21.08	22	0.5
10	16QAM	25	25	20.96	21.06	20.96		
10	16QAM	50	0	20.96	21.10	20.97		
10	64QAM	1	0	20.89	20.91	20.84		
10	64QAM	1	25	20.81	20.87	20.77	22	0.5
10	64QAM	1	49	20.84	20.82	20.74		
10	64QAM	25	0	20.07	20.28	20.17		
10	64QAM	25	12	20.08	20.19	20.16	21	1.5
10	64QAM	25	25	19.98	20.17	20.12		
10	64QAM	50	0	19.93	20.04	20.01		
10	256QAM	1	0	18.32	18.43	18.32		
10	256QAM	1	25	18.22	18.44	18.31	19	3.5
10	256QAM	1	49	18.26	18.36	18.18		
10	256QAM	25	0	18.05	18.18	17.99		
10	256QAM	25	12	17.98	18.05	18.00	19	3.5
10	256QAM	25	25	18.02	18.02	17.89		
10	256QAM	50	0	18.04	18.08	18.03		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.56	21.68	21.72	22.5	0
5	QPSK	1	12	21.43	21.62	21.52		
5	QPSK	1	24	21.55	21.57	21.56		
5	QPSK	12	0	21.48	21.73	21.50	22.5	0
5	QPSK	12	7	21.44	21.59	21.37		
5	QPSK	12	13	21.50	21.36	21.55		
5	QPSK	25	0	21.50	21.55	21.60		
5	16QAM	1	0	21.34	21.62	21.30		
5	16QAM	1	12	21.52	21.48	21.34	22.5	0
5	16QAM	1	24	21.34	21.54	21.47		
5	16QAM	12	0	21.01	21.15	21.12	22	0.5
5	16QAM	12	7	21.05	21.06	21.00		
5	16QAM	12	13	20.89	21.07	20.96		
5	16QAM	25	0	20.94	21.07	20.95		
5	64QAM	1	0	20.88	20.92	20.90	22	0.5
5	64QAM	1	12	20.83	20.86	20.75		
5	64QAM	1	24	20.78	20.85	20.68		
5	64QAM	12	0	20.14	20.17	20.17	21	1.5
5	64QAM	12	7	20.09	20.19	20.09		
5	64QAM	12	13	20.00	20.15	20.13		
5	64QAM	25	0	19.96	20.08	20.02		
5	256QAM	1	0	18.31	18.39	18.25		
5	256QAM	1	12	18.21	18.35	18.25	19	3.5
5	256QAM	1	24	18.25	18.26	18.23		
5	256QAM	12	0	18.03	18.13	18.03		
5	256QAM	12	7	18.03	18.07	18.04	19	3.5
5	256QAM	12	13	18.04	18.01	17.89		
5	256QAM	25	0	17.96	18.14	18.01		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.67	21.64	21.69	22.5	0
3	QPSK	1	8	21.42	21.65	21.51		
3	QPSK	1	14	21.54	21.53	21.47		
3	QPSK	8	0	21.52	21.59	21.62		
3	QPSK	8	4	21.46	21.59	21.47	22.5	0
3	QPSK	8	7	21.49	21.44	21.55		
3	QPSK	15	0	21.49	21.56	21.58		
3	16QAM	1	0	21.37	21.64	21.40		
3	16QAM	1	8	21.55	21.55	21.31	22.5	0
3	16QAM	1	14	21.36	21.50	21.44		
3	16QAM	8	0	20.99	21.14	21.07		
3	16QAM	8	4	21.03	21.12	21.05	22	0.5
3	16QAM	8	7	20.91	21.01	20.87		
3	16QAM	15	0	20.95	21.12	20.96		
3	64QAM	1	0	20.90	20.94	20.87		
3	64QAM	1	8	20.82	20.87	20.81	22	0.5
3	64QAM	1	14	20.80	20.79	20.67		
3	64QAM	8	0	20.10	20.17	20.15		
3	64QAM	8	4	20.06	20.15	20.08	21	1.5
3	64QAM	8	7	19.98	20.05	20.07		
3	64QAM	15	0	19.94	20.04	19.98		
3	256QAM	1	0	18.30	18.40	18.31		
3	256QAM	1	8	18.26	18.42	18.36	19	3.5
3	256QAM	1	14	18.22	18.37	18.15		
3	256QAM	8	0	17.96	18.19	18.01		
3	256QAM	8	4	17.97	18.15	18.01	19	3.5
3	256QAM	8	7	18.05	18.04	17.88		
3	256QAM	15	0	18.07	18.16	18.04		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.58	21.67	21.73	22.5	0
1.4	QPSK	1	3	21.51	21.61	21.50		
1.4	QPSK	1	5	21.60	21.49	21.55		
1.4	QPSK	3	0	21.59	21.72	21.73		
1.4	QPSK	3	1	21.41	21.57	21.60		
1.4	QPSK	3	3	21.69	21.56	21.50		
1.4	QPSK	6	0	21.40	21.60	21.54	22.5	0
1.4	16QAM	1	0	21.39	21.49	21.43	22.5	0
1.4	16QAM	1	3	21.55	21.40	21.39		
1.4	16QAM	1	5	21.52	21.52	21.48		
1.4	16QAM	3	0	21.33	21.52	21.34		
1.4	16QAM	3	1	21.40	21.41	21.39		
1.4	16QAM	3	3	21.42	21.48	21.39		
1.4	16QAM	6	0	21.08	21.11	21.13	22	0.5
1.4	64QAM	1	0	20.96	21.12	21.09	22	0.5
1.4	64QAM	1	3	20.91	20.98	20.95		
1.4	64QAM	1	5	20.90	21.09	20.94		
1.4	64QAM	3	0	20.91	20.99	20.87		
1.4	64QAM	3	1	20.87	20.86	20.80		
1.4	64QAM	3	3	20.73	20.81	20.68		
1.4	64QAM	6	0	20.12	20.24	20.13	21	1.5
1.4	256QAM	1	0	18.33	18.47	18.26	19	3.5
1.4	256QAM	1	3	18.21	18.34	18.36		
1.4	256QAM	1	5	18.16	18.30	18.21		
1.4	256QAM	3	0	18.03	18.13	18.04		
1.4	256QAM	3	1	17.95	18.14	18.10		
1.4	256QAM	3	3	17.95	18.07	17.94		
1.4	256QAM	6	0	17.99	18.09	18.12	19	3.5

Band 66 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.72	22.89	22.83	24	0
20	QPSK	1	49	22.69	22.75	22.72		
20	QPSK	1	99	22.59	22.72	22.58		
20	QPSK	50	0	22.09	22.13	22.03	23	1
20	QPSK	50	24	21.95	22.08	21.98		
20	QPSK	50	50	21.94	22.01	21.86		
20	QPSK	100	0	22.03	22.11	22.03		
20	16QAM	1	0	22.25	22.33	22.18		
20	16QAM	1	49	22.23	22.28	22.22	23	1
20	16QAM	1	99	22.09	22.21	22.14		
20	16QAM	50	0	21.03	21.18	21.07		
20	16QAM	50	24	21.00	21.13	20.99	22	2
20	16QAM	50	50	21.00	21.06	20.94		
20	16QAM	100	0	21.08	21.15	21.02		
20	64QAM	1	0	21.08	21.13	20.98		
20	64QAM	1	49	20.97	21.08	20.96	22	2
20	64QAM	1	99	20.91	21.01	20.93		
20	64QAM	50	0	20.01	20.11	20.04		
20	64QAM	50	24	19.94	20.06	20.00	21	3
20	64QAM	50	50	19.90	19.99	19.96		
20	64QAM	100	0	19.94	20.09	20.03		
20	256QAM	1	0	18.01	18.13	18.04		
20	256QAM	1	49	17.99	18.08	18.02	19	5
20	256QAM	1	99	17.90	18.01	17.95		
20	256QAM	50	0	17.93	18.07	17.99		
20	256QAM	50	24	17.98	18.02	17.90	19	5
20	256QAM	50	50	17.90	17.95	17.91		
20	256QAM	100	0	18.02	18.05	17.96		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.65	22.84	22.71	24	0
15	QPSK	1	37	22.56	22.68	22.60		
15	QPSK	1	74	22.46	22.68	22.48		
15	QPSK	36	0	21.94	22.05	21.97	23	1
15	QPSK	36	20	21.91	21.96	21.91		
15	QPSK	36	39	21.90	21.95	21.72		
15	QPSK	75	0	21.90	22.00	22.00		
15	16QAM	1	0	22.16	22.20	22.12		
15	16QAM	1	37	22.14	22.18	22.15	23	1
15	16QAM	1	74	21.99	22.08	22.09		
15	16QAM	36	0	20.90	21.12	20.94		
15	16QAM	36	20	20.88	21.07	20.94	22	2
15	16QAM	36	39	20.86	20.91	20.87		
15	16QAM	75	0	21.02	21.06	20.90		
15	64QAM	1	0	20.98	21.04	20.85		
15	64QAM	1	37	20.89	21.02	20.84	22	2
15	64QAM	1	74	20.86	20.87	20.87		
15	64QAM	36	0	19.90	20.07	19.99	21	3
15	64QAM	36	20	19.86	20.01	19.89		
15	64QAM	36	39	19.80	19.95	19.83		
15	64QAM	75	0	19.83	19.99	19.95		
15	256QAM	1	0	17.90	18.02	17.94	19	5
15	256QAM	1	37	17.85	17.93	17.88		
15	256QAM	1	74	17.83	17.88	17.86		
15	256QAM	36	0	17.79	17.95	17.86	19	5
15	256QAM	36	20	17.92	17.92	17.79		
15	256QAM	36	39	17.77	17.85	17.77		
15	256QAM	75	0	17.88	17.94	17.90		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.63	22.79	22.74	24	0
10	QPSK	1	25	22.56	22.68	22.58		
10	QPSK	1	49	22.55	22.63	22.43		
10	QPSK	25	0	22.02	22.07	21.90	23	1
10	QPSK	25	12	21.86	22.00	21.94		
10	QPSK	25	25	21.83	21.89	21.82		
10	QPSK	50	0	21.90	22.06	21.97		
10	16QAM	1	0	22.12	22.23	22.11		
10	16QAM	1	25	22.11	22.23	22.08	23	1
10	16QAM	1	49	21.97	22.14	21.99		
10	16QAM	25	0	20.93	21.09	20.94	22	2
10	16QAM	25	12	20.88	21.04	20.92		
10	16QAM	25	25	20.87	20.92	20.83		
10	16QAM	50	0	20.93	21.01	20.95		
10	64QAM	1	0	20.98	21.02	20.87		
10	64QAM	1	25	20.83	20.97	20.83	22	2
10	64QAM	1	49	20.81	20.90	20.83		
10	64QAM	25	0	19.91	19.98	19.98	21	3
10	64QAM	25	12	19.86	19.96	19.89		
10	64QAM	25	25	19.87	19.88	19.83		
10	64QAM	50	0	19.82	20.04	19.95		
10	256QAM	1	0	17.88	18.00	17.91	19	5
10	256QAM	1	25	17.92	17.95	17.95		
10	256QAM	1	49	17.83	17.95	17.86		
10	256QAM	25	0	17.85	18.01	17.84	19	5
10	256QAM	25	12	17.84	17.90	17.79		
10	256QAM	25	25	17.84	17.91	17.85		
10	256QAM	50	0	17.88	17.92	17.85		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.67	22.81	22.76	24	0
5	QPSK	1	12	22.57	22.64	22.62		
5	QPSK	1	24	22.52	22.69	22.44		
5	QPSK	12	0	21.98	22.10	21.92	23	1
5	QPSK	12	7	21.87	21.97	21.85		
5	QPSK	12	13	21.89	21.95	21.77		
5	QPSK	25	0	21.93	21.98	21.89		
5	16QAM	1	0	22.11	22.29	22.15		
5	16QAM	1	12	22.13	22.16	22.08	23	1
5	16QAM	1	24	21.95	22.09	22.01		
5	16QAM	12	0	20.94	21.07	20.93	22	2
5	16QAM	12	7	20.97	21.07	20.84		
5	16QAM	12	13	20.93	21.00	20.84		
5	16QAM	25	0	20.93	21.01	20.90		
5	64QAM	1	0	20.94	21.00	20.88	22	2
5	64QAM	1	12	20.89	21.01	20.84		
5	64QAM	1	24	20.80	20.98	20.78		
5	64QAM	12	0	19.90	20.05	19.92	21	3
5	64QAM	12	7	19.79	19.98	19.87		
5	64QAM	12	13	19.77	19.85	19.89		
5	64QAM	25	0	19.84	20.01	19.98		
5	256QAM	1	0	17.89	18.07	17.97	19	5
5	256QAM	1	12	17.87	17.98	17.89		
5	256QAM	1	24	17.86	17.94	17.90		
5	256QAM	12	0	17.89	17.92	17.91	19	5
5	256QAM	12	7	17.87	17.95	17.83		
5	256QAM	12	13	17.86	17.86	17.78		
5	256QAM	25	0	17.96	17.99	17.86		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.62	22.85	22.70	24	0
3	QPSK	1	8	22.65	22.66	22.58		
3	QPSK	1	14	22.53	22.59	22.54		
3	QPSK	8	0	21.97	22.08	21.92	23	1
3	QPSK	8	4	21.81	21.98	21.93		
3	QPSK	8	7	21.83	21.90	21.75		
3	QPSK	15	0	21.92	22.07	21.93		
3	16QAM	1	0	22.18	22.29	22.12		
3	16QAM	1	8	22.11	22.16	22.10	23	1
3	16QAM	1	14	22.01	22.15	22.07		
3	16QAM	8	0	20.98	21.05	20.94	22	2
3	16QAM	8	4	20.92	21.03	20.84		
3	16QAM	8	7	20.96	20.98	20.82		
3	16QAM	15	0	20.96	21.02	20.93		
3	64QAM	1	0	21.02	21.05	20.94	22	2
3	64QAM	1	8	20.83	21.02	20.87		
3	64QAM	1	14	20.85	20.92	20.89		
3	64QAM	8	0	19.90	20.00	19.92	21	3
3	64QAM	8	4	19.85	19.95	19.86		
3	64QAM	8	7	19.82	19.92	19.90		
3	64QAM	15	0	19.82	20.04	19.95		
3	256QAM	1	0	17.95	18.02	17.98	19	5
3	256QAM	1	8	17.93	17.96	17.97		
3	256QAM	1	14	17.86	17.92	17.90		
3	256QAM	8	0	17.83	17.97	17.85	19	5
3	256QAM	8	4	17.84	17.88	17.77		
3	256QAM	8	7	17.76	17.81	17.85		
3	256QAM	15	0	17.88	17.92	17.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.67	22.74	22.79	24	0
1.4	QPSK	1	3	22.66	22.69	22.59		
1.4	QPSK	1	5	22.47	22.59	22.52		
1.4	QPSK	3	0	22.57	22.79	22.69		
1.4	QPSK	3	1	22.52	22.64	22.66		
1.4	QPSK	3	3	22.48	22.57	22.57		
1.4	QPSK	6	0	22.01	21.99	22.00	24	0
1.4	16QAM	1	0	21.85	21.94	21.92	24	0
1.4	16QAM	1	3	21.90	21.94	21.74		
1.4	16QAM	1	5	21.93	22.01	21.92		
1.4	16QAM	3	0	22.18	22.26	22.11		
1.4	16QAM	3	1	22.10	22.21	22.18		
1.4	16QAM	3	3	22.01	22.15	22.05		
1.4	16QAM	6	0	20.89	21.08	20.99	23.5	0.5
1.4	64QAM	1	0	20.87	21.06	20.90	23.5	0.5
1.4	64QAM	1	3	20.87	20.98	20.82		
1.4	64QAM	1	5	20.95	21.12	20.88		
1.4	64QAM	3	0	20.94	21.01	20.84		
1.4	64QAM	3	1	20.88	20.94	20.88		
1.4	64QAM	3	3	20.87	20.88	20.81		
1.4	64QAM	6	0	19.97	19.96	19.92	22.5	1.5
1.4	256QAM	1	0	17.95	18.07	17.97	20.5	3.5
1.4	256QAM	1	3	17.90	18.00	17.90		
1.4	256QAM	1	5	17.82	17.97	17.88		
1.4	256QAM	3	0	17.88	17.97	17.88		
1.4	256QAM	3	1	17.89	17.94	17.77		
1.4	256QAM	3	3	17.77	17.88	17.85		
1.4	256QAM	6	0	17.93	17.99	17.89	20.5	3.5

Band 38 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	23.49	23.57	23.53		
20	QPSK	1	49	23.37	23.45	23.30	24	0
20	QPSK	1	99	23.28	23.33	23.35		
20	QPSK	50	0	22.29	22.34	22.20		
20	QPSK	50	24	22.20	22.29	22.16	23	1
20	QPSK	50	50	22.16	22.22	22.19		
20	QPSK	100	0	22.24	22.28	22.22		
20	16QAM	1	0	22.34	22.48	22.33		
20	16QAM	1	49	22.33	22.43	22.30	23	1
20	16QAM	1	99	22.25	22.36	22.30		
20	16QAM	50	0	21.28	21.39	21.34		
20	16QAM	50	24	21.23	21.34	21.20	22	2
20	16QAM	50	50	21.21	21.27	21.23		
20	16QAM	100	0	21.22	21.34	21.24		
20	64QAM	1	0	21.26	21.33	21.26		
20	64QAM	1	49	21.25	21.28	21.23	22	2
20	64QAM	1	99	21.12	21.21	21.12		
20	64QAM	50	0	20.25	20.35	20.24		
20	64QAM	50	24	20.21	20.30	20.27	21	3
20	64QAM	50	50	20.11	20.23	20.10		
20	64QAM	100	0	20.25	20.38	20.31		
20	256QAM	1	0	18.33	18.41	18.30		
20	256QAM	1	49	18.21	18.36	18.25	19	5
20	256QAM	1	99	18.25	18.29	18.21		
20	256QAM	50	0	18.19	18.32	18.19		
20	256QAM	50	24	18.18	18.27	18.18	19	5
20	256QAM	50	50	18.11	18.20	18.05		
20	256QAM	100	0	18.23	18.26	18.16		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2596	2612.5	(dBm)	(dB)
15	QPSK	1	0	23.38	23.51	23.39		
15	QPSK	1	37	23.24	23.38	23.25	24	0
15	QPSK	1	74	23.14	23.18	23.32		
15	QPSK	36	0	22.22	22.30	22.13		
15	QPSK	36	20	22.08	22.21	22.05	23	1
15	QPSK	36	39	22.11	22.11	22.09		
15	QPSK	75	0	22.15	22.23	22.16		
15	16QAM	1	0	22.30	22.34	22.22		
15	16QAM	1	37	22.26	22.36	22.26	23	1
15	16QAM	1	74	22.17	22.30	22.23		
15	16QAM	36	0	21.15	21.35	21.30		
15	16QAM	36	20	21.18	21.25	21.06	22	2
15	16QAM	36	39	21.06	21.17	21.19		
15	16QAM	75	0	21.10	21.26	21.18		
15	64QAM	1	0	21.15	21.27	21.22		
15	64QAM	1	37	21.12	21.20	21.16	22	2
15	64QAM	1	74	21.01	21.11	21.02		
15	64QAM	36	0	20.11	20.25	20.14		
15	64QAM	36	20	20.16	20.24	20.22	21	3
15	64QAM	36	39	19.99	20.18	20.00		
15	64QAM	75	0	20.16	20.35	20.20		
15	256QAM	1	0	18.22	18.37	18.18		
15	256QAM	1	37	18.14	18.23	18.14	19	5
15	256QAM	1	74	18.15	18.24	18.08		
15	256QAM	36	0	18.08	18.24	18.08		
15	256QAM	36	20	18.12	18.14	18.14	19	5
15	256QAM	36	39	18.07	18.14	17.93		
15	256QAM	75	0	18.15	18.21	18.06		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2596	2615	(dBm)	(dB)
10	QPSK	1	0	23.40	23.49	23.41		
10	QPSK	1	25	23.28	23.33	23.20	24	0
10	QPSK	1	49	23.13	23.21	23.27		
10	QPSK	25	0	22.16	22.20	22.16		
10	QPSK	25	12	22.15	22.18	22.11	23	1
10	QPSK	25	25	22.03	22.18	22.12		
10	QPSK	50	0	22.20	22.22	22.18		
10	16QAM	1	0	22.31	22.37	22.19		
10	16QAM	1	25	22.27	22.29	22.15	23	1
10	16QAM	1	49	22.13	22.30	22.21		
10	16QAM	25	0	21.20	21.27	21.22		
10	16QAM	25	12	21.12	21.21	21.11	22	2
10	16QAM	25	25	21.10	21.20	21.18		
10	16QAM	50	0	21.18	21.22	21.10		
10	64QAM	1	0	21.18	21.22	21.13		
10	64QAM	1	25	21.17	21.14	21.18	22	2
10	64QAM	1	49	21.01	21.09	21.07		
10	64QAM	25	0	20.17	20.24	20.12		
10	64QAM	25	12	20.13	20.18	20.14	21	3
10	64QAM	25	25	20.04	20.18	20.00		
10	64QAM	50	0	20.22	20.33	20.17		
10	256QAM	1	0	18.27	18.35	18.19		
10	256QAM	1	25	18.11	18.22	18.22	19	5
10	256QAM	1	49	18.18	18.25	18.07		
10	256QAM	25	0	18.04	18.20	18.16		
10	256QAM	25	12	18.07	18.21	18.09	19	5
10	256QAM	25	25	18.05	18.16	17.96		
10	256QAM	50	0	18.18	18.15	18.08		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2596	2617.5	(dBm)	(dB)
5	QPSK	1	0	23.36	23.48	23.47		
5	QPSK	1	12	23.23	23.35	23.31	24	0
5	QPSK	1	24	23.22	23.24	23.29		
5	QPSK	12	0	22.21	22.24	22.10		
5	QPSK	12	7	22.06	22.16	22.11	23	1
5	QPSK	12	13	22.13	22.08	22.08		
5	QPSK	25	0	22.17	22.19	22.08		
5	16QAM	1	0	22.21	22.43	22.28		
5	16QAM	1	12	22.26	22.37	22.20	23	1
5	16QAM	1	24	22.21	22.27	22.19		
5	16QAM	12	0	21.24	21.28	21.28		
5	16QAM	12	7	21.11	21.21	21.14	22	2
5	16QAM	12	13	21.12	21.16	21.11		
5	16QAM	25	0	21.09	21.21	21.17		
5	64QAM	1	0	21.13	21.21	21.19		
5	64QAM	1	12	21.17	21.24	21.18	22	2
5	64QAM	1	24	21.03	21.14	21.02		
5	64QAM	12	0	20.13	20.22	20.21		
5	64QAM	12	7	20.07	20.23	20.17	21	3
5	64QAM	12	13	19.97	20.16	20.03		
5	64QAM	25	0	20.12	20.33	20.19		
5	256QAM	1	0	18.18	18.35	18.25		
5	256QAM	1	12	18.14	18.31	18.17	19	5
5	256QAM	1	24	18.13	18.18	18.10		
5	256QAM	12	0	18.09	18.26	18.12		
5	256QAM	12	7	18.09	18.21	18.14	19	5
5	256QAM	12	13	18.07	18.15	17.99		
5	256QAM	25	0	18.14	18.17	18.05		

Band 41 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.65	23.73	23.85	23.67	23.58		
20	QPSK	1	49	23.60	23.69	23.80	23.63	23.54	24	0
20	QPSK	1	99	23.56	23.58	23.73	23.59	23.51		
20	QPSK	50	0	22.66	22.72	22.80	22.69	22.55		
20	QPSK	50	24	22.65	22.68	22.75	22.63	22.56	23	1
20	QPSK	50	50	22.60	22.61	22.68	22.60	22.44		
20	QPSK	100	0	22.58	22.62	22.75	22.67	22.56		
20	16QAM	1	0	22.65	22.68	22.81	22.66	22.66		
20	16QAM	1	49	22.63	22.71	22.76	22.65	22.51	23	1
20	16QAM	1	99	22.59	22.54	22.69	22.50	22.46		
20	16QAM	50	0	21.71	21.75	21.82	21.62	21.66		
20	16QAM	50	24	21.58	21.68	21.77	21.62	21.59	22	2
20	16QAM	50	50	21.60	21.62	21.70	21.54	21.51		
20	16QAM	100	0	21.58	21.59	21.73	21.63	21.52		
20	64QAM	1	0	21.97	21.88	21.93	21.94	21.88		
20	64QAM	1	49	21.85	21.93	21.85	21.95	21.79	22	2
20	64QAM	1	99	21.83	21.87	21.96	21.86	21.76		
20	64QAM	50	0	20.73	20.76	20.82	20.69	20.57		
20	64QAM	50	24	20.66	20.63	20.77	20.62	20.57	21	3
20	64QAM	50	50	20.56	20.62	20.70	20.55	20.47		
20	64QAM	100	0	20.61	20.66	20.74	20.64	20.53		
20	256QAM	1	0	18.74	18.86	18.91	18.76	18.73		
20	256QAM	1	49	18.75	18.74	18.86	18.77	18.68	19	5
20	256QAM	1	99	18.66	18.67	18.79	18.59	18.59		
20	256QAM	50	0	18.64	18.71	18.81	18.64	18.57		
20	256QAM	50	24	18.57	18.72	18.76	18.58	18.54	19	5
20	256QAM	50	50	18.51	18.64	18.69	18.57	18.50		
20	256QAM	100	0	18.64	18.69	18.77	18.61	18.62		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	23.57	23.67	23.81	23.62	23.45		
15	QPSK	1	37	23.48	23.55	23.75	23.57	23.39	24.00	0
15	QPSK	1	74	23.42	23.48	23.63	23.50	23.39		
15	QPSK	36	0	22.58	22.64	22.74	22.59	22.50		
15	QPSK	36	20	22.54	22.63	22.69	22.56	22.45	23	1
15	QPSK	36	39	22.54	22.56	22.64	22.51	22.33		
15	QPSK	75	0	22.49	22.57	22.67	22.62	22.47		
15	16QAM	1	0	22.54	22.58	22.71	22.52	22.54		
15	16QAM	1	37	22.52	22.52	22.62	22.56	22.47	23	1
15	16QAM	1	74	22.51	22.45	22.58	22.41	22.41		
15	16QAM	36	0	21.64	21.68	21.69	21.48	21.59		
15	16QAM	36	20	21.43	21.61	21.66	21.53	21.52	22	2
15	16QAM	36	39	21.46	21.48	21.55	21.45	21.47		
15	16QAM	75	0	21.51	21.55	21.67	21.57	21.48		
15	64QAM	1	0	21.88	21.89	21.97	21.81	21.81		
15	64QAM	1	37	21.72	21.84	21.94	21.87	21.68	22	2
15	64QAM	1	74	21.73	21.73	21.86	21.76	21.69		
15	64QAM	36	0	20.66	20.69	20.74	20.55	20.46		
15	64QAM	36	20	20.59	20.60	20.63	20.58	20.47	21	3
15	64QAM	36	39	20.48	20.48	20.53	20.42	20.38		
15	64QAM	75	0	20.53	20.51	20.59	20.61	20.42		
15	256QAM	1	0	18.63	18.77	18.76	18.62	18.63		
15	256QAM	1	37	18.72	18.69	18.81	18.65	18.61	19	5
15	256QAM	1	74	18.60	18.64	18.69	18.52	18.56		
15	256QAM	36	0	18.52	18.59	18.68	18.56	18.47		
15	256QAM	36	20	18.46	18.64	18.64	18.53	18.43	19	5
15	256QAM	36	39	18.39	18.51	18.54	18.54	18.46		
15	256QAM	75	0	18.52	18.56	18.64	18.57	18.50		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.59	23.69	23.76	23.58	23.47		
10	QPSK	1	25	23.55	23.57	23.71	23.55	23.50	24.00	0
10	QPSK	1	49	23.44	23.53	23.62	23.51	23.45		
10	QPSK	25	0	22.51	22.58	22.75	22.61	22.47		
10	QPSK	25	12	22.57	22.65	22.72	22.60	22.42	23	1
10	QPSK	25	25	22.51	22.52	22.58	22.53	22.35		
10	QPSK	50	0	22.55	22.54	22.67	22.53	22.50		
10	16QAM	1	0	22.60	22.57	22.68	22.57	22.60		
10	16QAM	1	25	22.58	22.65	22.71	22.55	22.37	23	1
10	16QAM	1	49	22.46	22.41	22.59	22.46	22.40		
10	16QAM	25	0	21.60	21.63	21.77	21.54	21.54		
10	16QAM	25	12	21.45	21.54	21.64	21.56	21.47	22	2
10	16QAM	25	25	21.51	21.54	21.58	21.41	21.41		
10	16QAM	50	0	21.50	21.48	21.63	21.48	21.46		
10	64QAM	1	0	21.88	21.90	21.76	21.89	21.81		
10	64QAM	1	25	21.74	21.88	21.98	21.83	21.67	22	2
10	64QAM	1	49	21.70	21.72	21.89	21.75	21.72		
10	64QAM	25	0	20.68	20.66	20.72	20.64	20.46		
10	64QAM	25	12	20.55	20.56	20.68	20.56	20.48	21	3
10	64QAM	25	25	20.44	20.50	20.64	20.47	20.35		
10	64QAM	50	0	20.51	20.59	20.67	20.56	20.39		
10	256QAM	1	0	18.59	18.74	18.79	18.72	18.69		
10	256QAM	1	25	18.68	18.67	18.82	18.64	18.60	19	5
10	256QAM	1	49	18.53	18.60	18.72	18.52	18.46		
10	256QAM	25	0	18.55	18.60	18.68	18.61	18.46		
10	256QAM	25	12	18.45	18.68	18.67	18.53	18.50	19	5
10	256QAM	25	25	18.48	18.59	18.56	18.53	18.40		
10	256QAM	50	0	18.58	18.61	18.72	18.55	18.47		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	23.62	23.60	23.72	23.58	23.47		
5	QPSK	1	12	23.48	23.65	23.70	23.60	23.45	24.00	0
5	QPSK	1	24	23.47	23.50	23.60	23.50	23.40		
5	QPSK	12	0	22.59	22.58	22.73	22.61	22.51		
5	QPSK	12	7	22.58	22.64	22.63	22.52	22.42	23	1
5	QPSK	12	13	22.45	22.57	22.54	22.48	22.32		
5	QPSK	25	0	22.45	22.49	22.69	22.59	22.46		
5	16QAM	1	0	22.60	22.56	22.76	22.53	22.52		
5	16QAM	1	12	22.60	22.67	22.67	22.61	22.42	23	1
5	16QAM	1	24	22.51	22.50	22.59	22.46	22.40		
5	16QAM	12	0	21.62	21.67	21.72	21.48	21.58		
5	16QAM	12	7	21.49	21.64	21.73	21.48	21.53	22	2
5	16QAM	12	13	21.55	21.47	21.61	21.46	21.47		
5	16QAM	25	0	21.51	21.53	21.58	21.56	21.48		
5	64QAM	1	0	21.88	21.93	21.97	21.86	21.77		
5	64QAM	1	12	21.74	21.82	21.91	21.90	21.72	22	2
5	64QAM	1	24	21.68	21.81	21.90	21.80	21.68		
5	64QAM	12	0	20.63	20.72	20.75	20.62	20.46		
5	64QAM	12	7	20.53	20.55	20.62	20.52	20.45	21	3
5	64QAM	12	13	20.51	20.56	20.59	20.51	20.39		
5	64QAM	25	0	20.57	20.60	20.61	20.57	20.48		
5	256QAM	1	0	18.70	18.78	18.81	18.73	18.63		
5	256QAM	1	12	18.69	18.71	18.81	18.73	18.61	19	5
5	256QAM	1	24	18.62	18.54	18.68	18.46	18.46		
5	256QAM	12	0	18.60	18.65	18.68	18.52	18.54		
5	256QAM	12	7	18.43	18.62	18.63	18.51	18.43	19	5
5	256QAM	12	13	18.45	18.52	18.63	18.48	18.44		
5	256QAM	25	0	18.57	18.66	18.64	18.56	18.52		

Band 41 HPUE Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.30	25.32	25.50	25.20	25.38		
20	QPSK	1	49	25.21	25.26	25.31	25.24	25.18	25.9	0
20	QPSK	1	99	25.10	25.19	25.38	25.31	25.23		
20	QPSK	50	0	25.26	25.18	25.43	25.05	25.23		
20	QPSK	50	24	25.16	25.08	25.14	25.07	25.09	25.9	0
20	QPSK	50	50	24.98	25.06	25.24	25.19	25.20		
20	QPSK	100	0	25.12	25.22	25.36	25.08	25.21		
20	16QAM	1	0	25.12	25.19	25.36	25.07	25.30		
20	16QAM	1	49	25.14	25.21	25.21	25.17	25.06	25.9	0
20	16QAM	1	99	25.05	25.11	25.31	25.14	25.08		
20	16QAM	50	0	24.62	24.75	24.96	24.47	24.53		
20	16QAM	50	24	24.60	24.74	24.85	24.65	24.60	25	0.9
20	16QAM	50	50	24.53	24.56	24.79	24.74	24.55		
20	16QAM	100	0	24.58	24.72	24.74	24.50	24.57		
20	64QAM	1	0	24.47	24.66	24.68	24.36	24.39		
20	64QAM	1	49	24.46	24.55	24.65	24.56	24.54	25	0.9
20	64QAM	1	99	24.35	24.59	24.66	24.50	24.39		
20	64QAM	50	0	23.57	23.69	23.73	23.36	23.60		
20	64QAM	50	24	23.49	23.67	23.66	23.41	23.42	24	1.9
20	64QAM	50	50	23.39	23.54	23.66	23.69	23.49		
20	64QAM	100	0	23.43	23.50	23.64	23.56	23.40		
20	256QAM	1	0	21.74	21.86	21.81	21.58	21.60		
20	256QAM	1	49	21.60	21.66	21.87	21.54	21.61	22	3.9
20	256QAM	1	99	21.56	21.53	21.78	21.72	21.60		
20	256QAM	50	0	21.59	21.67	21.81	21.41	21.62		
20	256QAM	50	24	21.50	21.70	21.74	21.51	21.41	22	3.9
20	256QAM	50	50	21.39	21.49	21.65	21.69	21.49		
20	256QAM	100	0	21.44	21.48	21.62	21.53	21.45		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	25.15	25.24	25.38	25.12	25.26		
15	QPSK	1	37	25.09	25.12	25.18	25.22	25.01	26	0
15	QPSK	1	74	24.94	25.06	25.27	25.17	25.20		
15	QPSK	36	0	25.25	25.24	25.36	25.16	25.27		
15	QPSK	36	20	25.05	25.08	25.13	25.21	25.04	25.9	0
15	QPSK	36	39	25.06	25.05	25.24	25.21	25.08		
15	QPSK	75	0	25.24	25.18	25.38	25.16	25.31		
15	16QAM	1	0	25.27	25.20	25.43	25.14	25.28		
15	16QAM	1	37	25.06	25.18	25.18	25.15	25.01	25.9	0
15	16QAM	1	74	24.97	25.15	25.21	25.23	25.07		
15	16QAM	36	0	24.47	24.65	24.83	24.33	24.49		
15	16QAM	36	20	24.53	24.67	24.79	24.48	24.44	25	0.9
15	16QAM	36	39	24.38	24.54	24.74	24.58	24.48		
15	16QAM	75	0	24.53	24.67	24.63	24.34	24.50		
15	64QAM	1	0	24.35	24.50	24.61	24.25	24.28		
15	64QAM	1	37	24.27	24.53	24.55	24.52	24.44	25	0.9
15	64QAM	1	74	24.18	24.44	24.62	24.35	24.35		
15	64QAM	36	0	23.51	23.63	23.57	23.23	23.55		
15	64QAM	36	20	23.31	23.57	23.49	23.36	23.36	24	1.9
15	64QAM	36	39	23.25	23.49	23.55	23.64	23.45		
15	64QAM	75	0	23.31	23.38	23.62	23.46	23.23		
15	256QAM	1	0	21.70	21.78	21.72	21.51	21.49		
15	256QAM	1	37	21.54	21.52	21.81	21.50	21.48	22	3.9
15	256QAM	1	74	21.49	21.47	21.61	21.62	21.52		
15	256QAM	36	0	21.55	21.49	21.70	21.34	21.56		
15	256QAM	36	20	21.34	21.65	21.56	21.40	21.33	22	3.9
15	256QAM	36	39	21.34	21.43	21.49	21.52	21.43		
15	256QAM	75	0	21.32	21.40	21.47	21.35	21.32		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	25.23	25.24	25.35	25.02	25.20		
10	QPSK	1	25	25.15	25.13	25.22	25.14	25.07	26	0
10	QPSK	1	49	24.96	25.05	25.24	25.27	25.13		
10	QPSK	25	0	25.16	25.17	25.43	25.07	25.33		
10	QPSK	25	12	25.18	25.08	25.22	25.06	25.07	25.9	0
10	QPSK	25	25	24.97	25.09	25.36	25.27	25.13		
10	QPSK	50	0	25.24	25.16	25.43	25.13	25.20		
10	16QAM	1	0	25.28	25.29	25.44	25.09	25.32		
10	16QAM	1	25	25.10	25.18	25.25	25.15	25.03	25.9	0
10	16QAM	1	49	25.03	25.08	25.27	25.24	25.17		
10	16QAM	25	0	24.59	24.61	24.88	24.42	24.50		
10	16QAM	25	12	24.51	24.58	24.69	24.57	24.48	25	0.9
10	16QAM	25	25	24.46	24.44	24.63	24.57	24.40		
10	16QAM	50	0	24.47	24.65	24.57	24.34	24.53		
10	64QAM	1	0	24.29	24.60	24.54	24.21	24.22		
10	64QAM	1	25	24.41	24.53	24.58	24.50	24.44	25	0.9
10	64QAM	1	49	24.27	24.50	24.60	24.47	24.25		

Band 42 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.41	20.50	20.45	21.4	0
20	QPSK	1	49	20.24	20.48	20.39		
20	QPSK	1	99	20.27	20.35	20.38		
20	QPSK	50	0	20.26	20.38	20.27	21.4	0
20	QPSK	50	24	20.13	20.34	20.26		
20	QPSK	50	50	20.22	20.29	20.28		
20	QPSK	100	0	20.25	20.35	20.31		
20	16QAM	1	0	20.36	20.39	20.39	21.4	0
20	16QAM	1	49	20.14	20.38	20.35		
20	16QAM	1	99	20.14	20.24	20.33		
20	16QAM	50	0	20.33	20.44	20.42	21.4	0
20	16QAM	50	24	20.18	20.39	20.24		
20	16QAM	50	50	20.13	20.32	20.28		
20	16QAM	100	0	20.19	20.30	20.24		
20	64QAM	1	0	20.09	20.24	20.20	21.4	0
20	64QAM	1	49	20.08	20.26	20.18		
20	64QAM	1	99	20.10	20.21	20.16		
20	64QAM	50	0	19.88	19.99	19.94	21	0.4
20	64QAM	50	24	19.80	19.94	19.90		
20	64QAM	50	50	19.78	19.87	19.72		
20	64QAM	100	0	19.99	20.06	19.92		
20	256QAM	1	0	18.02	18.13	17.98	19	2.4
20	256QAM	1	49	18.02	18.08	18.01		
20	256QAM	1	99	17.96	18.01	17.90		
20	256QAM	50	0	18.01	18.10	17.97	19	2.4
20	256QAM	50	24	17.95	18.05	17.92		
20	256QAM	50	50	17.91	17.98	17.94		
20	256QAM	100	0	17.90	18.03	17.93		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.28	20.43	20.40	21.4	0
15	QPSK	1	37	20.17	20.35	20.32		
15	QPSK	1	74	20.19	20.25	20.34		
15	QPSK	36	0	20.22	20.31	20.25	21.4	0
15	QPSK	36	20	20.06	20.19	20.14		
15	QPSK	36	39	20.13	20.21	20.15		
15	QPSK	75	0	20.15	20.20	20.23		
15	16QAM	1	0	20.23	20.31	20.37	21.4	0
15	16QAM	1	37	19.98	20.30	20.25		
15	16QAM	1	74	20.05	20.13	20.29		
15	16QAM	36	0	20.26	20.39	20.27	21.4	0
15	16QAM	36	20	20.05	20.36	20.14		
15	16QAM	36	39	20.00	20.21	20.21		
15	16QAM	75	0	20.17	20.13	20.18		
15	64QAM	1	0	20.00	20.11	20.05	21.4	0
15	64QAM	1	37	19.93	20.23	20.14		
15	64QAM	1	74	20.03	20.14	20.01		
15	64QAM	36	0	19.84	19.96	19.82	21	0.4
15	64QAM	36	20	19.66	19.91	19.82		
15	64QAM	36	39	19.64	19.78	19.68		
15	64QAM	75	0	19.87	19.99	19.89		
15	256QAM	1	0	17.95	18.09	17.85	19	2.4
15	256QAM	1	37	17.98	17.96	17.88		
15	256QAM	1	74	17.85	17.86	17.80		
15	256QAM	36	0	17.97	18.04	17.92	19	2.4
15	256QAM	36	20	17.91	17.94	17.78		
15	256QAM	36	39	17.77	17.90	17.89		
15	256QAM	75	0	17.83	17.91	17.87		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.32	20.42	20.29	21.4	0
10	QPSK	1	25	20.10	20.31	20.30		
10	QPSK	1	49	20.21	20.22	20.35		
10	QPSK	25	0	20.19	20.26	20.17	21.4	0
10	QPSK	25	12	20.04	20.23	20.19		
10	QPSK	25	25	20.18	20.14	20.19		
10	QPSK	50	0	20.12	20.28	20.14		
10	16QAM	1	0	20.26	20.21	20.33	21.4	0
10	16QAM	1	25	20.04	20.31	20.30		
10	16QAM	1	49	20.04	20.17	20.22		
10	16QAM	25	0	20.22	20.37	20.33	21.4	0
10	16QAM	25	12	20.10	20.22	20.18		
10	16QAM	25	25	20.05	20.23	20.21		
10	16QAM	50	0	20.08	20.20	20.07		
10	64QAM	1	0	19.92	20.10	20.06	21.4	0
10	64QAM	1	25	19.90	20.10	20.03		
10	64QAM	1	49	19.99	20.07	19.99		
10	64QAM	25	0	19.75	19.86	19.87	21	0.4
10	64QAM	25	12	19.72	19.87	19.77		
10	64QAM	25	25	19.69	19.75	19.65		
10	64QAM	50	0	19.87	19.96	19.88		
10	256QAM	1	0	17.94	18.02	17.91	19	2.4
10	256QAM	1	25	17.92	17.99	17.90		
10	256QAM	1	49	17.89	17.91	17.82		
10	256QAM	25	0	17.86	18.04	17.83	19	2.4
10	256QAM	25	12	17.84	18.01	17.81		
10	256QAM	25	25	17.82	17.86	17.85		
10	256QAM	50	0	17.78	17.92	17.80		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.31	20.32	20.37	21.4	0
5	QPSK	1	12	20.22	20.45	20.31		
5	QPSK	1	24	20.16	20.24	20.27		
5	QPSK	12	0	20.09	20.34	20.23	21.4	0
5	QPSK	12	7	20.08	20.21	20.11		
5	QPSK	12	13	20.14	20.25	20.10		
5	QPSK	25	0	20.07	20.27	20.21		
5	16QAM	1	0	20.23	20.24	20.22	21.4	0
5	16QAM	1	12	19.97	20.32	20.25		
5	16QAM	1	24	20.03	20.09	20.23		
5	16QAM	12	0	20.29	20.35	20.38	21.4	0
5	16QAM	12	7	20.01	20.31	20.17		
5	16QAM	12	13	20.02	20.22	20.13		
5	16QAM	25	0	20.08	20.19	20.22		
5	64QAM	1	0	20.06	20.16	20.03	21.4	0
5	64QAM	1	12	19.97	20.09	20.02		
5	64QAM	1	24	20.05	20.15	20.04		
5	64QAM	12	0	19.80	19.91	19.84	21	0.4
5	64QAM	12	7	19.66	19.90	19.78		
5	64QAM	12	13	19.72	19.76	19.61		
5	64QAM	25	0	19.92	19.93	19.83		
5	256QAM	1	0	17.96	18.00	17.85	19	2.4
5	256QAM	1	12	17.90	17.99	17.89		
5	256QAM	1	24	17.92	17.94	17.78		
5	256QAM	12	0	17.92	18.00	17.89	19	2.4
5	256QAM	12	7	17.81	17.97	17.88		
5	256QAM	12	13	17.81	17.86	17.83		
5	256QAM	25	0	17.80	17.89	17.86		

Band 42 Part 96 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	20.34	20.40	20.34	21.4	0
20	QPSK	1	49	20.12	20.35	20.29		
20	QPSK	1	99	20.14	20.26	20.26		
20	QPSK	50	0	20.15	20.37	20.22	21.4	0
20	QPSK	50	24	20.11	20.27	20.17		
20	QPSK	50	50	20.15	20.23	20.20		
20	QPSK	100	0	20.08	20.31	20.27		
20	16QAM	1	0	20.28	20.33	20.34	21.4	0
20	16QAM	1	49	19.97	20.36	20.28		
20	16QAM	1	99	20.09	20.14	20.22		
20	16QAM	50	0	20.31	20.29	20.29	21.4	0
20	16QAM	50	24	20.11	20.32	20.15		
20	16QAM	50	50	20.10	20.30	20.16		
20	16QAM	100	0	20.08	20.17	20.18		
20	64QAM	1	0	19.96	20.20	20.10	21.4	0
20	64QAM	1	49	20.05	20.21	20.01		
20	64QAM	1	99	20.05	20.20	20.09		
20	64QAM	50	0	19.72	19.83	19.78	21	0.4
20	64QAM	50	24	19.66	19.84	19.84		
20	64QAM	50	50	19.71	19.74	19.70		
20	64QAM	100	0	19.85	19.93	19.77		
20	256QAM	1	0	17.87	18.07	17.83	19	2.4
20	256QAM	1	49	17.98	18.00	17.96		
20	256QAM	1	99	17.83	17.99	17.79		
20	256QAM	50	0	17.87	17.97	17.88	19	2.4
20	256QAM	50	24	17.93	17.90	17.89		
20	256QAM	50	50	17.85	17.84	17.80		
20	256QAM	100	0	17.81	17.88	17.77		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	20.18	20.24	20.32	21.4	0
15	QPSK	1	37	19.96	20.29	20.22		
15	QPSK	1	74	20.07	20.25	20.19		
15	QPSK	36	0	20.10	20.26	20.06	21.4	0
15	QPSK	36	20	20.05	20.19	20.00		
15	QPSK	36	39	20.09	20.11	20.10		
15	QPSK	75	0	19.93	20.28	20.16		
15	16QAM	1	0	20.25	20.24	20.18	21.4	0
15	16QAM	1	37	19.91	20.30	20.22		
15	16QAM	1	74	20.01	20.04	20.14		
15	16QAM	36	0	20.28	20.15	20.28	21.4	0
15	16QAM	36	20	20.01	20.20	20.08		
15	16QAM	36	39	20.07	20.18	20.12		
15	16QAM	75	0	19.93	20.07	20.10		
15	64QAM	1	0	19.82	20.05	19.94	21.4	0
15	64QAM	1	37	19.92	20.16	20.00		
15	64QAM	1	74	20.02	20.17	20.07		
15	64QAM	36	0	19.65	19.76	19.65	21	0.4
15	64QAM	36	20	19.49	19.81	19.70		
15	64QAM	36	39	19.68	19.82	19.65		
15	64QAM	75	0	19.75	19.83	19.66		
15	256QAM	1	0	17.85	17.93	17.72	19	2.4
15	256QAM	1	37	17.89	17.86	17.82		
15	256QAM	1	74	17.69	17.92	17.75		
15	256QAM	36	0	17.70	17.90	17.82	19	2.4
15	256QAM	36	20	17.77	17.81	17.86		
15	256QAM	36	39	17.71	17.70	17.70		
15	256QAM	75	0	17.69	17.85	17.61		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	20.28	20.23	20.17	21.4	0
10	QPSK	1	25	20.01	20.23	20.23		
10	QPSK	1	49	19.99	20.14	20.13		
10	QPSK	25	0	20.06	20.21	20.20	21.4	0
10	QPSK	25	12	20.05	20.17	20.14		
10	QPSK	25	25	20.05	20.10	20.17		
10	QPSK	50	0	20.06	20.14	20.13		
10	16QAM	1	0	20.16	20.21	20.31	21.4	0
10	16QAM	1	25	19.84	20.25	20.14		
10	16QAM	1	49	19.98	20.00	20.13		
10	16QAM	25	0	20.30	20.16	20.18	21.4	0
10	16QAM	25	12	20.04	20.22	20.13		
10	16QAM	25	25	19.99	20.15	20.13		
10	16QAM	50	0	19.93	20.04	20.14		
10	64QAM	1	0	19.79	20.12	19.94	21.4	0
10	64QAM	1	25	19.89	20.09	19.90		
10	64QAM	1	49	20.02	20.08	20.02		
10	64QAM	25	0	19.65	19.67	19.70	21	0.4
10	64QAM	25	12	19.58	19.82	19.71		
10	64QAM	25	25	19.61	19.67	19.63		
10	64QAM	50	0	19.72	19.80	19.75		
10	256QAM	1	0	17.72	17.94	17.80	19	2.4
10	256QAM	1	25	17.83	17.96	17.94		
10	256QAM	1	49	17.81	17.96	17.75		
10	256QAM	25	0	17.78	17.91	17.83	19	2.4
10	256QAM	25	12	17.89	17.79	17.88		
10	256QAM	25	25	17.77	17.79	17.71		
10	256QAM	50	0	17.64	17.77	17.74		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	20.17	20.39	20.21	21.4	0
5	QPSK	1	12	19.98	20.28	20.13		
5	QPSK	1	24	20.04	20.20	20.14		
5	QPSK	12	0	20.14	20.31	20.17	21.4	0
5	QPSK	12	7	20.05	20.23	20.05		
5	QPSK	12	13	20.06	20.17	20.07		
5	QPSK	25	0	19.98	20.27	20.21		
5	16QAM	1	0	20.21	20.31	20.23	21.4	0
5	16QAM	1	12	19.81	20.25	20.16		
5	16QAM	1	24	19.95	19.98	20.06		
5	16QAM	12	0	20.25	20.27	20.17	21.4	0
5	16QAM	12	7	20.09	20.20	20.02		
5	16QAM	12	13	19.95	20.26	20.11		
5	16QAM	25	0	20.05	20.07	20.09		
5	64QAM	1	0	19.87	20.09	19.93	21.4	0
5	64QAM	1	12	20.04	20.08	19.88		
5	64QAM	1	24	19.89	20.09	20.02		
5	64QAM	12	0	19.58	19.81	19.72	21	0.4
5	64QAM	12	7	19.49	19.79	19.76		
5	64QAM	12	13	19.65	19.62	19.65		
5	64QAM	25	0	19.79	19.78	19.74		
5	256QAM	1	0	17.81	18.01	17.76	19	2.4
5	256QAM	1	12	17.89	17.92	17.86		
5	256QAM	1	24	17.79	17.97	17.74		
5	256QAM	12	0	17.79	17.93	17.84	19	2.4
5	256QAM	12	7	17.82	17.79	17.74		
5	256QAM	12	13	17.74	17.70	17.66		
5	256QAM	25	0	17.70	17.72	17.73		

Band 43 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	19.97	20.03	20.01	21.4	0
20	QPSK	1	49	19.72	19.85	19.81		
20	QPSK	1	99	19.76	19.88	19.76		
20	QPSK	50	0	19.95	20.02	19.97	21.4	0
20	QPSK	50	24	19.61	19.63	19.56		
20	QPSK	50	50	19.67	19.70	19.67		
20	QPSK	100	0	19.61	19.66	19.63		
20	16QAM	1	0	19.91	19.90	19.85	21.4	0
20	16QAM	1	49	19.69	19.81	19.81		
20	16QAM	1	99	19.62	19.64	19.63		
20	16QAM	50	0	19.75	19.77	19.77	21.4	0
20	16QAM	50	24	19.66	19.77	19.67		
20	16QAM	50	50	19.62	19.74	19.74		
20	16QAM	100	0	19.80	19.79	19.77		
20	64QAM	1	0	19.53	19.47	19.42	21.4	0
20	64QAM	1	49	19.55	19.52	19.40		
20	64QAM	1	99	19.57	19.56	19.46		
20	64QAM	50	0	19.62	19.63	19.56	21	0.4
20	64QAM	50	24	19.32	19.37	19.40		
20	64QAM	50	50	19.37	19.38	19.39		
20	64QAM	100	0	19.37	19.36	19.28		
20	256QAM	1	0	17.61	17.65	17.63	19	2.4
20	256QAM	1	49	17.28	17.41	17.41		
20	256QAM	1	99	17.44	17.47	17.36		
20	256QAM	50	0	17.49	17.55	17.52	19	2.4
20	256QAM	50	24	17.35	17.33	17.26		
20	256QAM	50	50	17.20	17.27	17.29		
20	256QAM	100	0	17.33	17.43	17.44		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	19.92	19.86	19.93	21.4	0
15	QPSK	1	37	19.62	19.77	19.67		
15	QPSK	1	74	19.69	19.81	19.65		
15	QPSK	36	0	19.86	19.98	19.93	21.4	0
15	QPSK	36	20	19.66	19.50	19.52		
15	QPSK	36	39	19.63	19.62	19.55		
15	QPSK	75	0	19.57	19.61	19.54		
15	16QAM	1	0	19.89	19.80	19.80	21.4	0
15	16QAM	1	37	19.65	19.74	19.65		
15	16QAM	1	74	19.54	19.55	19.53		
15	16QAM	36	0	19.58	19.70	19.59	21.4	0
15	16QAM	36	20	19.56	19.65	19.51		
15	16QAM	36	39	19.53	19.66	19.59		
15	16QAM	75	0	19.62	19.72	19.66		
15	64QAM	1	0	19.65	19.64	19.66	21.4	0
15	64QAM	1	37	19.58	19.71	19.68		
15	64QAM	1	74	19.60	19.71	19.74		
15	64QAM	36	0	19.54	19.56	19.46	21	0.4
15	64QAM	36	20	19.25	19.31	19.30		
15	64QAM	36	39	19.22	19.21	19.35		
15	64QAM	75	0	19.22	19.29	19.21		
15	256QAM	1	0	17.46	17.51	17.60	19	2.4
15	256QAM	1	37	17.11	17.23	17.26		
15	256QAM	1	74	17.35	17.41	17.23		
15	256QAM	36	0	17.36	17.43	17.46	19	2.4
15	256QAM	36	20	17.28	17.27	17.19		
15	256QAM	36	39	17.18	17.23	17.19		
15	256QAM	75	0	17.24	17.29	17.34		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	19.93	19.89	19.94	21.4	0
10	QPSK	1	25	19.55	19.79	19.72		
10	QPSK	1	49	19.59	19.80	19.71		
10	QPSK	25	0	19.90	19.90	19.87	21.4	0
10	QPSK	25	12	19.46	19.59	19.48		
10	QPSK	25	25	19.49	19.66	19.58		
10	QPSK	50	0	19.46	19.60	19.58		
10	16QAM	1	0	19.73	19.72	19.74	21.4	0
10	16QAM	1	25	19.59	19.67	19.67		
10	16QAM	1	49	19.47	19.49	19.46		
10	16QAM	25	0	19.64	19.66	19.60	21.4	0
10	16QAM	25	12	19.48	19.68	19.61		
10	16QAM	25	25	19.55	19.65	19.59		
10	16QAM	50	0	19.63	19.71	19.64		
10	64QAM	1	0	19.78	19.73	19.69	21.4	0
10	64QAM	1	25	19.55	19.80	19.69		
10	64QAM	1	49	19.62	19.70	19.62		
10	64QAM	25	0	19.44	19.46	19.49	21	0.4
10	64QAM	25	12	19.29	19.23	19.30		
10	64QAM	25	25	19.34	19.21	19.37		
10	64QAM	50	0	19.27	19.21	19.11		
10	256QAM	1	0	17.46	17.63	17.59	19	2.4
10	256QAM	1	25	17.19	17.25	17.28		
10	256QAM	1	49	17.36	17.32	17.30		
10	256QAM	25	0	17.31	17.51	17.45	19	2.4
10	256QAM	25	12	17.17	17.19	17.20		
10	256QAM	25	25	17.02	17.12	17.19		
10	256QAM	50	0	17.27	17.40	17.42		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	19.83	19.96	19.86	21.4	0
5	QPSK	1	12	19.61	19.78	19.78		
5	QPSK	1	24	19.63	19.77	19.71		
5	QPSK	12	0	19.80	19.85	19.82	21.4	0
5	QPSK	12	7	19.53	19.58	19.43		
5	QPSK	12	13	19.53	19.67	19.53		
5	QPSK	25	0	19.43	19.54	19.50		
5	16QAM	1	0	19.85	19.81	19.76	21.4	0
5	16QAM	1	12	19.65	19.73	19.68		
5	16QAM	1	24	19.51	19.49	19.60		
5	16QAM	12	0	19.66	19.71	19.64	21.4	0
5	16QAM	12	7	19.56	19.68	19.65		
5	16QAM	12	13	19.54	19.72	19.71		
5	16QAM	25	0	19.71	19.65	19.71		
5	64QAM	1	0	19.63	19.74	19.69	21.4	0
5	64QAM	1	12	19.66	19.65	19.57		
5	64QAM	1	24	19.54	19.76	19.64		
5	64QAM	12	0	19.49	19.54	19.41	21	0.4
5	64QAM	12	7	19.20	19.27	19.30		
5	64QAM	12	13	19.28	19.33	19.25		
5	64QAM	25	0	19.22	19.29	19.13		
5	256QAM	1	0	17.49	17.62	17.47	19	2.4
5	256QAM	1	12	17.23	17.30	17.32		
5	256QAM	1	24	17.35	17.30	17.32		
5	256QAM	12	0	17.36	17.44	17.34	19	2.4
5	256QAM	12	7	17.28	17.18	17.20		
5	256QAM	12	13	17.04	17.15	17.19		
5	256QAM	25	0	17.22	17.26	17.39		

Band 48 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.06	20.10	20.05	20.02	21.4	0
20	QPSK	1	49	19.88	19.97	20.02	19.97		
20	QPSK	1	99	19.92	19.94	19.96	19.88		
20	QPSK	50	0	19.98	20.07	19.97	19.91	21.4	0
20	QPSK	50	24	19.82	19.79	19.91	19.94		
20	QPSK	50	50	19.81	19.80	19.73	19.75		
20	QPSK	100	0	19.75	19.82	19.81	19.67		
20	16QAM	1	0	19.92	20.03	19.92	19.85	21.4	0
20	16QAM	1	49	19.78	19.88	19.81	19.81		
20	16QAM	1	99	19.83	19.71	19.84	19.70		
20	16QAM	50	0	19.93	19.92	19.87	19.94	21.4	0
20	16QAM	50	24	19.75	19.86	19.79	19.84		
20	16QAM	50	50	19.81	19.78	19.81	19.81		
20	16QAM	100	0	19.87	19.96	19.86	19.80		
20	64QAM	1	0	19.62	19.62	19.81	19.78	21.4	0
20	64QAM	1	49	19.65	19.64	19.57	19.60		
20	64QAM	1	99	19.62	19.68	19.59	19.46		
20	64QAM	50	0	19.60	19.70	19.57	19.57	21.4	0
20	64QAM	50	24	19.58	19.45	19.46	19.55		
20	64QAM	50	50	19.45	19.46	19.57	19.50		
20	64QAM	100	0	19.58	19.49	19.44	19.50		
20	256QAM	1	0	19.34	19.44	19.37	19.22	20	1.4
20	256QAM	1	49	19.35	19.39	19.34	19.15		
20	256QAM	1	99	19.27	19.32	19.23	19.07		
20	256QAM	50	0	19.33	19.41	19.27	19.21	20	1.4
20	256QAM	50	24	19.29	19.36	19.23	19.21		
20	256QAM	50	50	19.20	19.29	19.16	19.13		
20	256QAM	100	0	19.29	19.36	19.24	19.20		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.93	20.00	19.98	19.90	21.4	0
15	QPSK	1	37	19.77	19.83	19.97	19.78		
15	QPSK	1	74	19.75	19.84	19.89	19.76		
15	QPSK	36	0	19.80	19.96	19.81	19.83	21.4	0
15	QPSK	36	20	19.66	19.73	19.84	19.87		
15	QPSK	36	39	19.74	19.68	19.63	19.59		
15	QPSK	75	0	19.60	19.63	19.70	19.61		
15	16QAM	1	0	19.83	19.97	19.86	19.65	21.4	0
15	16QAM	1	37	19.69	19.77	19.69	19.71		
15	16QAM	1	74	19.67	19.64	19.71	19.51		
15	16QAM	36	0	19.74	19.83	19.75	19.84	21.4	0
15	16QAM	36	20	19.57	19.72	19.71	19.69		
15	16QAM	36	39	19.62	19.72	19.64	19.73		
15	16QAM	75	0	19.75	19.80	19.73	19.66		
15	64QAM	1	0	19.50	19.58	19.69	19.66	21.4	0
15	64QAM	1	37	19.58	19.53	19.41	19.50		
15	64QAM	1	74	19.53	19.54	19.40	19.53		
15	64QAM	36	0	19.55	19.65	19.44	19.59	21.4	0
15	64QAM	36	20	19.59	19.55	19.56	19.57		
15	64QAM	36	39	19.55	19.58	19.45	19.49		
15	64QAM	75	0	19.46	19.45	19.56	19.48		
15	256QAM	1	0	19.23	19.40	19.22	19.14	20	1.4
15	256QAM	1	37	19.26	19.30	19.30	19.02		
15	256QAM	1	74	19.19	19.26	19.18	19.01		
15	256QAM	36	0	19.22	19.35	19.20	19.13	20	1.4
15	256QAM	36	20	19.24	19.32	19.11	19.18		
15	256QAM	36	39	19.17	19.26	19.07	19.10		
15	256QAM	75	0	19.22	19.32	19.12	19.13		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.93	20.06	19.86	19.82	21.4	0
10	QPSK	1	25	19.77	19.82	19.89	19.83		
10	QPSK	1	49	19.83	19.74	19.88	19.79		
10	QPSK	25	0	19.79	19.90	19.94	19.82	21.4	0
10	QPSK	25	12	19.75	19.66	19.74	19.87		
10	QPSK	25	25	19.74	19.67	19.66	19.64		
10	QPSK	50	0	19.60	19.70	19.73	19.51	21.4	0
10	16QAM	1	0	19.80	19.96	19.82	19.79		
10	16QAM	1	25	19.65	19.83	19.76	19.69		
10	16QAM	1	49	19.64	19.61	19.71	19.63		
10	16QAM	25	0	19.74	19.81	19.76	19.82	21.4	0
10	16QAM	25	12	19.57	19.72	19.70	19.79		
10	16QAM	25	25	19.73	19.72	19.67	19.70		
10	16QAM	50	0	19.83	19.85	19.70	19.66	21.4	0
10	64QAM	1	0	19.56	19.53	19.68	19.74		
10	64QAM	1	25	19.59	19.46	19.46	19.40		
10	64QAM	1	49	19.53	19.59	19.52	19.60		
10	64QAM	25	0	19.46	19.54	19.50	19.52	21.4	0
10	64QAM	25	12	19.55	19.56	19.59	19.45		
10	64QAM	25	25	19.57	19.45	19.55	19.50		
10	64QAM	50	0	19.51	19.54	19.54	19.55		
10	256QAM	1	0	19.28	19.32	19.26	19.13	20	1.4
10	256QAM	1	25	19.21	19.25	19.28	19.06		
10	256QAM	1	49	19.12	19.17	19.11	18.96		
10	256QAM	25	0	19.28	19.27	19.20	19.07	20	1.4
10	256QAM	25	12	19.24	19.32	19.20	19.13		
10	256QAM	25	25	19.15	19.22	19.10	19.06		
10	256QAM	50	0	19.19	19.24	19.20	19.16		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3553.5	3607	3643	3697.5		
5	QPSK	1	0	19.98	19.96	19.96	19.85	21.4	0
5	QPSK	1	12	19.82	19.91	19.94	19.91		
5	QPSK	1	24	19.82	19.87	19.91	19.73		
5	QPSK	12	0	19.86	19.99	19.82	19.75	21.4	0
5	QPSK	12	7	19.68	19.70	19.75	19.84		
5	QPSK	12	13	19.61	19.63	19.62	19.83		
5	QPSK	25	0	19.66	19.66	19.62	19.55		
5	16QAM	1	0	19.81	19.84	19.73	19.72	21.4	0
5	16QAM	1	12	19.72	19.82	19.72	19.64		
5	16QAM	1	24	19.68	19.53	19.77	19.52		
5	16QAM	12	0	19.74	19.73	19.68	19.81	21.4	0
5	16QAM	12	7	19.65	19.71	19.60	19.68		
5	16QAM	12	13	19.66	19.73	19.64	19.71		
5	16QAM	25	0	19.69	19.87	19.81	19.62		
5	64QAM	1	0	19.48	19.46	19.63	19.59	21.4	0
5	64QAM	1	12	19.59	19.51	19.44	19.54		
5	64QAM	1	24	19.57	19.54	19.40	19.47		
5	64QAM	12	0	19.50	19.56	19.58	19.51	21.4	0
5	64QAM	12	7	19.55	19.55	19.54	19.47		
5	64QAM	12	13	19.59	19.58	19.55	19.48		
5	64QAM	25	0	19.55	19.55	19.56	19.45		
5	256QAM	1	0	19.31	19.36	19.27	19.12	20	1.4
5	256QAM	1	12	19.31	19.34	19.31	19.12		
5	256QAM	1	24	19.22	19.29	19.10	19.01		
5	256QAM	12	0	19.26	19.28	19.16	19.15	20	1.4
5	256QAM	12	7	19.23	19.24	19.09	19.14		
5	256QAM	12	13	19.13	19.25	19.02	18.99		
5	256QAM	25	0	19.17	19.27	19.16	19.13		

Reduced Power Mode for DSS Simultaneous

GSM850 ANT0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	190	251		128	190	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.20	33.32	33.28	33.50	24.20	24.32	24.28	24.50
GPRS 1 Tx slot	33.25	33.39	33.31	33.50	24.25	24.39	24.31	24.50
GPRS 2 Tx slots	30.42	30.54	30.50	31.00	24.42	24.54	24.50	25.00
GPRS 3 Tx slots	28.88	28.92	28.84	29.50	24.62	24.66	24.58	25.24
GPRS 4 Tx slots	27.25	27.38	27.30	28.00	24.25	24.38	24.30	25.00
EDGE 1 Tx slot	26.18	26.24	26.10	27.00	17.18	17.24	17.10	18.00
EDGE 2 Tx slots	24.41	24.49	24.45	25.00	18.41	18.49	18.45	19.00
EDGE 3 Tx slots	23.12	23.25	23.10	24.00	18.86	18.99	18.84	19.74
EDGE 4 Tx slots	21.20	21.27	21.18	22.00	18.20	18.27	18.18	19.00

GSM1900 ANT0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.65	28.68	28.60	29.00	19.65	19.68	19.60	20.00
GPRS 1 Tx slot	28.69	28.74	28.63	29.00	19.69	19.74	19.63	20.00
GPRS 2 Tx slots	25.35	25.39	25.31	26.00	19.35	19.39	19.31	20.00
GPRS 3 Tx slots	22.96	23.07	22.96	24.50	18.70	18.81	18.70	20.24
GPRS 4 Tx slots	21.28	21.38	21.27	22.50	18.28	18.38	18.27	19.50
EDGE 1 Tx slot	23.50	23.57	23.43	24.50	14.50	14.57	14.43	15.50
EDGE 2 Tx slots	21.83	21.87	21.80	23.00	15.83	15.87	15.80	17.00
EDGE 3 Tx slots	20.69	20.74	20.61	22.00	16.43	16.48	16.35	17.74
EDGE 4 Tx slots	18.46	18.57	18.52	20.00	15.48	15.57	15.52	17.00

Band		WCDMA IV ANT0			Tune-up Limit (dBm)	WCDMA V ANT0			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		4132	4182	4233	
Rx Channel		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.29	20.42	20.50	21.40	23.65	23.72	23.63	24.00
3GPP Rel 99	RMC 12.2Kbps	20.32	20.58	20.40	21.40	23.71	23.78	23.66	24.00
3GPP Rel 6	HSDPA Subtest-1	19.67	19.72	19.51	20.40	22.89	22.84	22.83	23.00
3GPP Rel 6	HSDPA Subtest-2	19.57	19.68	19.48	20.40	22.77	22.91	22.84	23.00
3GPP Rel 6	HSDPA Subtest-3	19.13	19.14	19.00	19.90	22.30	22.43	22.33	22.50
3GPP Rel 6	HSDPA Subtest-4	18.99	19.12	19.12	19.90	22.24	22.41	22.37	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.52	19.67	19.48	20.40	22.89	22.73	22.75	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.40	19.49	19.28	20.40	22.65	22.79	22.59	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.94	18.98	18.83	19.90	22.26	22.26	22.21	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.80	19.02	19.02	19.90	22.16	22.29	22.31	22.50
3GPP Rel 6	HSUPA Subtest-1	19.65	19.66	19.63	20.40	22.90	22.94	22.94	23.00
3GPP Rel 6	HSUPA Subtest-2	17.55	17.68	17.56	18.40	20.89	20.97	20.75	21.00
3GPP Rel 6	HSUPA Subtest-3	18.51	18.55	18.65	19.40	21.79	21.92	21.93	22.00
3GPP Rel 6	HSUPA Subtest-4	17.51	17.64	17.58	18.40	20.77	20.87	20.83	21.00
3GPP Rel 6	HSUPA Subtest-5	19.53	19.49	19.43	20.40	22.85	22.76	22.74	23.00

Band 4 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.26	20.30	20.22	21	0
20	QPSK	1	49	20.14	20.23	20.19		
20	QPSK	1	99	20.11	20.16	20.04		
20	QPSK	50	0	19.23	19.37	19.22	20	1
20	QPSK	50	24	19.21	19.30	19.24		
20	QPSK	50	50	19.11	19.25	19.12		
20	QPSK	100	0	19.19	19.32	19.25		
20	16QAM	1	0	19.16	19.26	19.15	20	1
20	16QAM	1	49	19.12	19.25	19.19		
20	16QAM	1	99	19.08	19.15	19.03		
20	16QAM	50	0	18.43	18.49	18.41	19	2
20	16QAM	50	24	18.38	18.51	18.38		
20	16QAM	50	50	18.45	18.49	18.43		
20	16QAM	100	0	18.48	18.61	18.57		
20	64QAM	1	0	18.29	18.35	18.21	19	2
20	64QAM	1	49	18.37	18.43	18.31		
20	64QAM	1	99	18.12	18.25	18.10		
20	64QAM	50	0	17.30	17.43	17.35	18	3
20	64QAM	50	24	17.34	17.40	17.37		
20	64QAM	50	50	17.22	17.30	17.25		
20	64QAM	100	0	17.37	17.41	17.27		
20	256QAM	1	0	15.45	15.51	15.47	16	5
20	256QAM	1	49	15.25	15.38	15.32		
20	256QAM	1	99	15.34	15.37	15.30		
20	256QAM	50	0	15.38	15.41	15.33	16	5
20	256QAM	50	24	15.42	15.45	15.36		
20	256QAM	50	50	15.14	15.26	15.15		
20	256QAM	100	0	15.27	15.37	15.25		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.15	20.27	20.12	21	0
15	QPSK	1	37	20.14	20.24	20.04		
15	QPSK	1	74	20.07	20.04	19.96		
15	QPSK	36	0	19.26	19.37	19.29	20	1
15	QPSK	36	20	19.23	19.38	19.34		
15	QPSK	36	39	19.15	19.32	19.21		
15	QPSK	75	0	19.25	19.39	19.31		
15	16QAM	1	0	19.21	19.29	19.22	20	1
15	16QAM	1	37	19.18	19.35	19.27		
15	16QAM	1	74	19.11	19.25	19.13		
15	16QAM	36	0	18.37	18.36	18.37	19	2
15	16QAM	36	20	18.25	18.43	18.28		
15	16QAM	36	39	18.31	18.36	18.37		
15	16QAM	75	0	18.40	18.57	18.46		
15	64QAM	1	0	18.21	18.32	18.07	19	2
15	64QAM	1	37	18.32	18.40	18.23		
15	64QAM	1	74	17.97	18.17	17.98		
15	64QAM	36	0	17.17	17.32	17.21	18	3
15	64QAM	36	20	17.25	17.33	17.26		
15	64QAM	36	39	17.17	17.23	17.19		
15	64QAM	75	0	17.26	17.31	17.21		
15	256QAM	1	0	15.31	15.39	15.37	16	5
15	256QAM	1	37	15.13	15.24	15.17		
15	256QAM	1	74	15.26	15.31	15.25		
15	256QAM	36	0	15.34	15.30	15.23	16	5
15	256QAM	36	20	15.28	15.37	15.26		
15	256QAM	36	39	15.07	15.18	15.11		
15	256QAM	75	0	15.19	15.31	15.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.17	20.23	20.17	21	0
10	QPSK	1	25	20.18	20.21	20.10		
10	QPSK	1	49	20.01	20.12	19.93		
10	QPSK	25	0	19.32	19.38	19.32	20	1
10	QPSK	25	12	19.22	19.40	19.32		
10	QPSK	25	25	19.21	19.31	19.20		
10	QPSK	50	0	19.24	19.32	19.28		
10	16QAM	1	0	19.21	19.33	19.20	20	1
10	16QAM	1	25	19.23	19.32	19.27		
10	16QAM	1	49	19.12	19.17	19.11		
10	16QAM	25	0	18.36	18.39	18.34	19	2
10	16QAM	25	12	18.31	18.39	18.34		
10	16QAM	25	25	18.30	18.35	18.38		
10	16QAM	50	0	18.41	18.50	18.52		
10	64QAM	1	0	18.15	18.23	18.09	19	2
10	64QAM	1	25	18.27	18.33	18.23		
10	64QAM	1	49	18.09	18.18	17.98		
10	64QAM	25	0	17.24	17.36	17.32	18	3
10	64QAM	25	12	17.25	17.36	17.31		
10	64QAM	25	25	17.11	17.21	17.17		
10	64QAM	50	0	17.31	17.31	17.22		
10	256QAM	1	0	15.38	15.47	15.35	16	5
10	256QAM	1	25	15.18	15.24	15.22		
10	256QAM	1	49	15.20	15.25	15.24		
10	256QAM	25	0	15.34	15.30	15.24	16	5
10	256QAM	25	12	15.35	15.36	15.30		
10	256QAM	25	25	15.09	15.14	15.05		
10	256QAM	50	0	15.13	15.31	15.14		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.22	20.23	20.12	21	0
5	QPSK	1	12	20.20	20.26	20.05		
5	QPSK	1	24	20.06	20.10	19.93		
5	QPSK	12	0	19.24	19.45	19.33	20	1
5	QPSK	12	7	19.23	19.32	19.33		
5	QPSK	12	13	19.22	19.31	19.19		
5	QPSK	25	0	19.25	19.42	19.35		
5	16QAM	1	0	19.27	19.28	19.18	20	1
5	16QAM	1	12	19.20	19.31	19.22		
5	16QAM	1	24	19.17	19.24	19.08		
5	16QAM	12	0	18.36	18.37	18.27	19	2
5	16QAM	12	7	18.30	18.46	18.30		
5	16QAM	12	13	18.41	18.38	18.43		
5	16QAM	25	0	18.40	18.53	18.50		
5	64QAM	1	0	18.17	18.21	18.14	19	2
5	64QAM	1	12	18.25	18.40	18.24		
5	64QAM	1	24	17.97	18.11	17.97		
5	64QAM	12	0	17.25	17.37	17.26	18	3
5	64QAM	12	7	17.29	17.27	17.31		
5	64QAM	12	13	17.12	17.17	17.16		
5	64QAM	25	0	17.31	17.27	17.17		
5	256QAM	1	0	15.37	15.40	15.33	16	5
5	256QAM	1	12	15.15	15.29	15.21		
5	256QAM	1	24	15.24	15.24	15.27		
5	256QAM	12	0	15.35	15.36	15.18	16	5
5	256QAM	12	7	15.29	15.41	15.30		
5	256QAM	12	13	15.10	15.11	15.00		
5	256QAM	25	0	15.23	15.31	15.12		
Channel				19950	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.18	20.28	20.15	21	0
3	QPSK	1	8	20.19	20.24	20.11		
3	QPSK	1	14	20.04	20.10	19.99		
3	QPSK	8	0	19.33	19.37	19.24	20	1
3	QPSK	8	4	19.24	19.37	19.30		
3	QPSK	8	7	19.21	19.32	19.14		
3	QPSK	15	0	19.30	19.38	19.28		
3	16QAM	1	0	19.26	19.33	19.21	20	1
3	16QAM	1	8	19.21	19.25	19.21		
3	16QAM	1	14	19.16	19.15	19.04		
3	16QAM	8	0	18.38	18.45	18.31	19	2
3	16QAM	8	4	18.29	18.44	18.29		
3	16QAM	8	7	18.32	18.42	18.30		
3	16QAM	15	0	18.44	18.47	18.45		
3	64QAM	1	0	18.21	18.24	18.08	19	2
3	64QAM	1	8	18.32	18.29	18.24		
3	64QAM	1	14	18.07	18.15	17.99		
3	64QAM	8	0	17.24	17.33	17.30	18	3
3	64QAM	8	4	17.23	17.35	17.24		
3	64QAM	8	7	17.10	17.18	17.21		
3	64QAM	15	0	17.23	17.29	17.13		
3	256QAM	1	0	15.37	15.37	15.43	16	5
3	256QAM	1	8	15.16	15.33	15.24		
3	256QAM	1	14	15.30	15.25	15.17		
3	256QAM	8	0	15.32	15.30	15.26	16	5
3	256QAM	8	4	15.28	15.41	15.22		
3	256QAM	8	7	15.09	15.18	15.01		
3	256QAM	15	0	15.21	15.28	15.13		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.22	20.26	20.13	21	0
1.4	QPSK	1	3	20.09	20.21	20.07		
1.4	QPSK	1	5	19.96	20.01	19.90		
1.4	QPSK	3	0	20.22	20.23	20.14		
1.4	QPSK	3	1	20.13	20.16	20.13		
1.4	QPSK	3	3	20.04	20.04	19.90		
1.4	QPSK	6	0	19.27	19.49	19.33	20	1
1.4	16QAM	1	0	19.31	19.36	19.27	20	1
1.4	16QAM	1	3	19.14	19.35	19.17		
1.4	16QAM	1	5	19.24	19.40	19.29		
1.4	16QAM	3	0	19.20	19.37	19.25		
1.4	16QAM	3	1	19.14	19.27	19.23		
1.4	16QAM	3	3	19.12	19.23	19.07		
1.4	16QAM	6	0	18.35	18.41	18.34	19	2
1.4	64QAM	1	0	18.29	18.41	18.25	19	2
1.4	64QAM	1	3	18.33	18.45	18.34		
1.4	64QAM	1	5	18.38	18.48	18.45		
1.4	64QAM	3	0	18.16	18.24	18.15		
1.4	64QAM	3	1	18.27	18.33	18.23		
1.4	64QAM	3	3	18.01	18.19	17.97		
1.4	64QAM	6	0	17.17	17.39	17.22	18	3
1.4	256QAM	1	0	15.40	15.43	15.37	16	5
1.4	256QAM	1	3	15.12	15.35	15.19		
1.4	256QAM	1	5	15.23	15.31	15.15		
1.4	256QAM	3	0	15.29	15.32	15.30		
1.4	256QAM	3	1	15.37	15.32	15.21		
1.4	256QAM	3	3	15.01	15.17	15.06		
1.4	256QAM	6	0	15.17	15.31	15.11	16	5

Band 5 Ant 0

BW [MHz]	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	22.78	22.82	22.72	24	0
10	QPSK	1	25	22.71	22.77	22.67		
10	QPSK	1	49	22.63	22.76	22.64		
10	QPSK	25	0	21.94	21.97	21.90	23	1
10	QPSK	25	12	21.77	21.90	21.81		
10	QPSK	25	25	21.67	21.81	21.69		
10	QPSK	50	0	21.79	21.88	21.74		
10	16QAM	1	0	21.86	21.91	21.77	23	1
10	16QAM	1	25	21.73	21.82	21.76		
10	16QAM	1	49	21.66	21.78	21.71		
10	16QAM	25	0	20.83	20.96	20.91	22	2
10	16QAM	25	12	20.71	20.77	20.69		
10	16QAM	25	25	20.69	20.79	20.75		
10	16QAM	50	0	20.75	20.85	20.72		
10	64QAM	1	0	20.86	20.91	20.85	22	2
10	64QAM	1	25	20.79	20.83	20.71		
10	64QAM	1	49	20.65	20.76	20.68		
10	64QAM	25	0	19.76	19.91	19.84	21	3
10	64QAM	25	12	19.74	19.77	19.69		
10	64QAM	25	25	19.72	19.86	19.80		
10	64QAM	50	0	19.73	19.81	19.75		
10	256QAM	1	0	17.71	17.82	17.68	19	5
10	256QAM	1	25	17.67	17.72	17.61		
10	256QAM	1	49	17.62	17.74	17.68		
10	256QAM	25	0	17.69	17.78	17.72	19	5
10	256QAM	25	12	17.57	17.69	17.64		
10	256QAM	25	25	17.55	17.65	17.58		
10	256QAM	50	0	17.65	17.71	17.62		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.72	22.77	22.62	24	0
5	QPSK	1	12	22.67	22.73	22.63		
5	QPSK	1	24	22.56	22.59	22.54		
5	QPSK	12	0	21.90	21.83	21.86	23	1
5	QPSK	12	7	21.65	21.82	21.70		
5	QPSK	12	13	21.62	21.68	21.55		
5	QPSK	25	0	21.73	21.80	21.71		
5	16QAM	1	0	21.79	21.88	21.62	23	1
5	16QAM	1	12	21.70	21.74	21.63		
5	16QAM	1	24	21.58	21.66	21.52		
5	16QAM	12	0	20.74	20.90	20.88	22	2
5	16QAM	12	7	20.62	20.64	20.63		
5	16QAM	12	13	20.54	20.67	20.67		
5	16QAM	25	0	20.68	20.81	20.58		
5	64QAM	1	0	20.80	20.80	20.81	22	2
5	64QAM	1	12	20.51	20.61	20.53		
5	64QAM	1	24	20.38	20.57	20.48		
5	64QAM	12	0	19.69	19.76	19.69	21	3
5	64QAM	12	7	19.67	19.64	19.55		
5	64QAM	12	13	19.59	19.80	19.71		
5	64QAM	25	0	19.63	19.72	19.66		
5	256QAM	1	0	17.64	17.76	17.53	19	5
5	256QAM	1	12	17.63	17.67	17.57		
5	256QAM	1	24	17.50	17.62	17.58		
5	256QAM	12	0	17.65	17.63	17.67	19	5
5	256QAM	12	7	17.49	17.61	17.55		
5	256QAM	12	13	17.44	17.57	17.50		
5	256QAM	25	0	17.53	17.61	17.59		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.69	22.72	22.62	24	0
3	QPSK	1	8	22.63	22.67	22.63		
3	QPSK	1	14	22.54	22.68	22.51		
3	QPSK	8	0	21.89	21.89	21.79	23	1
3	QPSK	8	4	21.63	21.79	21.70		
3	QPSK	8	7	21.53	21.66	21.54		
3	QPSK	15	0	21.73	21.85	21.64		
3	16QAM	1	0	21.73	21.86	21.66	23	1
3	16QAM	1	8	21.63	21.69	21.72		
3	16QAM	1	14	21.46	21.56	21.45		
3	16QAM	8	0	20.73	20.85	20.88	22	2
3	16QAM	8	4	20.63	20.70	20.58		
3	16QAM	8	7	20.63	20.65	20.62		
3	16QAM	15	0	20.61	20.76	20.60		
3	64QAM	1	0	20.76	20.87	20.77	22	2
3	64QAM	1	8	20.45	20.64	20.53		
3	64QAM	1	14	20.41	20.52	20.43		
3	64QAM	8	0	19.72	19.81	19.77	21	3
3	64QAM	8	4	19.69	19.72	19.56		
3	64QAM	8	7	19.61	19.80	19.77		
3	64QAM	15	0	19.65	19.74	19.65		
3	256QAM	1	0	17.68	17.71	17.57	19	5
3	256QAM	1	8	17.55	17.64	17.49		
3	256QAM	1	14	17.56	17.65	17.63		
3	256QAM	8	0	17.63	17.69	17.64	19	5
3	256QAM	8	4	17.48	17.61	17.56		
3	256QAM	8	7	17.41	17.59	17.44		
3	256QAM	15	0	17.62	17.66	17.49		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.65	22.78	22.62	24	0
1.4	QPSK	1	3	22.62	22.66	22.61		
1.4	QPSK	1	5	22.49	22.61	22.58		
1.4	QPSK	3	0	22.68	22.70	22.66		
1.4	QPSK	3	1	22.60	22.72	22.55		
1.4	QPSK	3	3	22.51	22.58	22.60		
1.4	QPSK	6	0	21.89	21.85	21.86	23	1
1.4	16QAM	1	0	21.64	21.82	21.68	23	1
1.4	16QAM	1	3	21.62	21.72	21.60		
1.4	16QAM	1	5	21.68	21.84	21.67		
1.4	16QAM	3	0	21.77	21.81	21.68		
1.4	16QAM	3	1	21.65	21.68	21.66		
1.4	16QAM	3	3	21.46	21.61	21.43		
1.4	16QAM	6	0	20.72	20.92	20.81	22	2
1.4	64QAM	1	0	20.56	20.71	20.63	22	2
1.4	64QAM	1	3	20.60	20.66	20.68		
1.4	64QAM	1	5	20.67	20.65	20.65		
1.4	64QAM	3	0	20.81	20.82	20.78		
1.4	64QAM	3	1	20.68	20.73	20.62		
1.4	64QAM	3	3	20.58	20.69	20.55		
1.4	64QAM	6	0	19.72	19.79	19.75	21	3
1.4	256QAM	1	0	17.67	17.72	17.61	19	5
1.4	256QAM	1	3	17.54	17.66	17.54		
1.4	256QAM	1	5	17.59	17.70	17.62		
1.4	256QAM	3	0	17.61	17.68	17.62		
1.4	256QAM	3	1	17.50	17.56	17.61		
1.4	256QAM	3	3	17.47	17.52	17.44		
1.4	256QAM	6	0	17.61	17.59	17.55	19	5

Band 7 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.90	18.94	18.88	20	0
20	QPSK	1	49	18.84	18.85	18.77		
20	QPSK	1	99	18.87	18.81	18.85		
20	QPSK	50	0	18.89	18.90	18.88	20	0
20	QPSK	50	24	18.73	18.75	18.66		
20	QPSK	50	50	18.83	18.81	18.72		
20	QPSK	100	0	18.81	18.88	18.79		
20	16QAM	1	0	18.75	18.76	18.73	20	0
20	16QAM	1	49	18.78	18.76	18.65		
20	16QAM	1	99	18.73	18.71	18.81		
20	16QAM	50	0	18.75	18.87	18.74	20	0
20	16QAM	50	24	18.59	18.70	18.58		
20	16QAM	50	50	18.66	18.66	18.63		
20	16QAM	100	0	18.67	18.77	18.66		
20	64QAM	1	0	18.86	18.79	18.70	20	0
20	64QAM	1	49	18.67	18.82	18.60		
20	64QAM	1	99	18.84	18.72	18.70		
20	64QAM	50	0	18.76	18.87	18.76	20	0
20	64QAM	50	24	18.59	18.70	18.55		
20	64QAM	50	50	18.70	18.76	18.59		
20	64QAM	100	0	18.72	18.79	18.68		
20	256QAM	1	0	17.86	17.97	17.82	19	1
20	256QAM	1	49	17.91	17.92	17.70		
20	256QAM	1	99	17.87	17.74	17.89		
20	256QAM	50	0	17.90	17.96	17.83	19	1
20	256QAM	50	24	17.71	17.80	17.67		
20	256QAM	50	50	17.87	17.75	17.66		
20	256QAM	100	0	17.86	17.88	17.86		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.82	18.79	18.80	20	0
15	QPSK	1	37	18.74	18.70	18.66		
15	QPSK	1	74	18.82	18.68	18.79		
15	QPSK	36	0	18.75	18.73	18.77	20	0
15	QPSK	36	20	18.68	18.73	18.63		
15	QPSK	36	39	18.61	18.71	18.57		
15	QPSK	75	0	18.76	18.76	18.64		
15	16QAM	1	0	18.61	18.60	18.58	20	0
15	16QAM	1	37	18.61	18.71	18.64		
15	16QAM	1	74	18.61	18.68	18.69		
15	16QAM	36	0	18.72	18.86	18.59	20	0
15	16QAM	36	20	18.48	18.65	18.44		
15	16QAM	36	39	18.50	18.54	18.55		
15	16QAM	75	0	18.65	18.66	18.62		
15	64QAM	1	0	18.79	18.64	18.57	20	0
15	64QAM	1	37	18.62	18.70	18.49		
15	64QAM	1	74	18.69	18.62	18.59		
15	64QAM	36	0	18.72	18.80	18.67	20	0
15	64QAM	36	20	18.52	18.59	18.47		
15	64QAM	36	39	18.57	18.62	18.57		
15	64QAM	75	0	18.66	18.65	18.53		
15	256QAM	1	0	17.78	17.89	17.68	19	1
15	256QAM	1	37	17.75	17.76	17.67		
15	256QAM	1	74	17.79	17.63	17.78		
15	256QAM	36	0	17.78	17.92	17.74	19	1
15	256QAM	36	20	17.61	17.68	17.51		
15	256QAM	36	39	17.80	17.88	17.56		
15	256QAM	75	0	17.73	17.72	17.80		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.78	18.80	18.81	20	0
10	QPSK	1	25	18.68	18.78	18.75		
10	QPSK	1	49	18.83	18.78	18.82		
10	QPSK	25	0	18.84	18.77	18.83	20	0
10	QPSK	25	12	18.67	18.73	18.52		
10	QPSK	25	25	18.76	18.68	18.59		
10	QPSK	50	0	18.80	18.74	18.68		
10	16QAM	1	0	18.72	18.70	18.65	20	0
10	16QAM	1	25	18.61	18.73	18.51		
10	16QAM	1	49	18.72	18.67	18.74		
10	16QAM	25	0	18.73	18.75	18.73	20	0
10	16QAM	25	12	18.47	18.66	18.46		
10	16QAM	25	25	18.63	18.63	18.48		
10	16QAM	50	0	18.68	18.67	18.65		
10	64QAM	1	0

Band 13 Ant 0

BW [MHz]	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		22.82		24	0
10	QPSK	1	25		22.77			
10	QPSK	1	49		22.73			
10	QPSK	25	0		21.87		23	1
10	QPSK	25	12		21.82			
10	QPSK	25	25		21.76			
10	QPSK	50	0		21.83			
10	16QAM	1	0		21.77		23	1
10	16QAM	1	25		21.72			
10	16QAM	1	49		21.61			
10	16QAM	25	0		20.90		22	2
10	16QAM	25	12		20.85			
10	16QAM	25	25		20.73			
10	16QAM	50	0		20.84			
10	64QAM	1	0		20.79		22	2
10	64QAM	1	25		20.74			
10	64QAM	1	49		20.60			
10	64QAM	25	0		19.91		21	3
10	64QAM	25	12		19.86			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.85			
10	256QAM	1	0		17.91		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.74			
10	256QAM	25	0		17.87		19	5
10	256QAM	25	12		17.82			
10	256QAM	25	25		17.74			
10	256QAM	50	0		17.80			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.71	22.78	22.67	24	0
5	QPSK	1	12	22.68	22.72	22.64		
5	QPSK	1	24	22.54	22.62	22.53		
5	QPSK	12	0	21.66	21.77	21.68	23	1
5	QPSK	12	7	21.71	21.78	21.73		
5	QPSK	12	13	21.49	21.64	21.54		
5	QPSK	25	0	21.66	21.79	21.67		
5	16QAM	1	0	21.63	21.74	21.63	23	1
5	16QAM	1	12	21.57	21.60	21.54		
5	16QAM	1	24	21.39	21.51	21.46		
5	16QAM	12	0	20.70	20.81	20.69	22	2
5	16QAM	12	7	20.68	20.77	20.64		
5	16QAM	12	13	20.61	20.72	20.61		
5	16QAM	25	0	20.68	20.81	20.73		
5	64QAM	1	0	20.52	20.65	20.59	22	2
5	64QAM	1	12	20.46	20.60	20.50		
5	64QAM	1	24	20.48	20.57	20.43		
5	64QAM	12	0	19.66	19.76	19.67	21	3
5	64QAM	12	7	19.70	19.74	19.63		
5	64QAM	12	13	19.66	19.71	19.59		
5	64QAM	25	0	19.71	19.79	19.66		
5	256QAM	1	0	17.78	17.83	17.76	19	5
5	256QAM	1	12	17.68	17.83	17.76		
5	256QAM	1	24	17.64	17.75	17.70		
5	256QAM	12	0	17.78	17.83	17.77	19	5
5	256QAM	12	7	17.65	17.73	17.60		
5	256QAM	12	13	17.55	17.70	17.65		
5	256QAM	25	0	17.73	17.78	17.68		

Band 17 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23780	23790	23800	
Frequency (MHz)					709	710	711	
10	QPSK	1	0	22.85	22.88	22.81	24	0
10	QPSK	1	25	22.81	22.87	22.75		
10	QPSK	1	49	22.71	22.80	22.67		
10	QPSK	25	0	21.89	21.96	21.86	23	1
10	QPSK	25	12	21.79	21.91	21.84		
10	QPSK	25	25	21.75	21.84	21.80		
10	QPSK	50	0	21.75	21.89	21.84		
10	16QAM	1	0	21.75	21.81	21.68	23	1
10	16QAM	1	25	21.65	21.76	21.67		
10	16QAM	1	49	21.59	21.69	21.65		
10	16QAM	25	0	20.89	20.92	20.86	22	2
10	16QAM	25	12	20.77	20.87	20.82		
10	16QAM	25	25	20.65	20.80	20.73		
10	16QAM	50	0	20.73	20.86	20.71		
10	64QAM	1	0	20.71	20.81	20.69	22	2
10	64QAM	1	25	20.71	20.76	20.66		
10	64QAM	1	49	20.59	20.69	20.57		
10	64QAM	25	0	19.79	19.90	19.79	21	3
10	64QAM	25	12	19.79	19.85	19.79		
10	64QAM	25	25	19.75	19.78	19.64		
10	64QAM	50	0	19.77	19.86	19.77		
10	256QAM	1	0	17.82	17.90	17.80	19	5
10	256QAM	1	25	17.76	17.85	17.80		
10	256QAM	1	49	17.73	17.78	17.71		
10	256QAM	25	0	17.78	17.84	17.80	19	5
10	256QAM	25	12	17.65	17.79	17.69		
10	256QAM	25	25	17.63	17.72	17.67		
10	256QAM	50	0	17.67	17.79	17.72		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.77	22.85	22.72	24	0
5	QPSK	1	12	22.74	22.72	22.68		
5	QPSK	1	24	22.65	22.74	22.61		
5	QPSK	12	0	21.76	21.81	21.72	23	1
5	QPSK	12	7	21.69	21.77	21.71		
5	QPSK	12	13	21.69	21.80	21.72		
5	QPSK	25	0	21.69	21.76	21.79		
5	16QAM	1	0	21.72	21.76	21.57	23	1
5	16QAM	1	12	21.60	21.67	21.56		
5	16QAM	1	24	21.54	21.54	21.53		
5	16QAM	12	0	20.82	20.85	20.74	22	2
5	16QAM	12	7	20.74	20.83	20.71		
5	16QAM	12	13	20.56	20.66	20.67		
5	16QAM	25	0	20.70	20.79	20.58		
5	64QAM	1	0	20.59	20.72	20.63	22	2
5	64QAM	1	12	20.59	20.62	20.57		
5	64QAM	1	24	20.54	20.61	20.50		
5	64QAM	12	0	19.67	19.79	19.72	21	3
5	64QAM	12	7	19.71	19.73	19.72		
5	64QAM	12	13	19.71	19.67	19.60		
5	64QAM	25	0	19.63	19.75	19.66		
5	256QAM	1	0	17.71	17.84	17.75	19	5
5	256QAM	1	12	17.66	17.79	17.73		
5	256QAM	1	24	17.65	17.73	17.60		
5	256QAM	12	0	17.69	17.74	17.71	19	5
5	256QAM	12	7	17.66	17.76	17.61		
5	256QAM	12	13	17.53	17.65	17.62		
5	256QAM	25	0	17.61	17.65	17.59		

Band 26 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					26765	26865	26965	
Frequency (MHz)					821.5	831.5	841.5	
15	QPSK	1	0	22.82	22.89	22.74	24	0
15	QPSK	1	37	22.79	22.84	22.70		
15	QPSK	1	74	22.68	22.77	22.71		
15	QPSK	36	0	21.68	21.81	21.67	23	1
15	QPSK	36	20	21.73	21.76	21.70		
15	QPSK	36	39	21.60	21.69	21.58		
15	QPSK	75	0	21.65	21.76	21.65		
15	16QAM	1	0	21.57	21.72	21.66	23	1
15	16QAM	1	37	21.63	21.67	21.53		
15	16QAM	1	74	21.48	21.60	21.55		
15	16QAM	36	0	20.67	20.79	20.66	22	2
15	16QAM	36	20	20.69	20.74	20.69		
15	16QAM	36	39	20.56	20.67	20.60		
15	16QAM	75	0	20.58	20.73	20.68		
15	64QAM	1	0	20.55	20.68	20.54	22	2
15	64QAM	1	37	20.49	20.63	20.51		
15	64QAM	1	74	20.51	20.56	20.49		
15	64QAM	36	0	19.71	19.76	19.69	21	3
15	64QAM	36	20	19.60	19.71	19.62		
15	64QAM	36	39	19.50	19.64	19.53		
15	64QAM	75	0	19.58	19.68	19.62		
15	256QAM	1	0	17.67	17.80	17.66	19	5
15	256QAM	1	37	17.66	17.75	17.71		
15	256QAM	1	74	17.64	17.68	17.62		
15	256QAM	36	0	17.62	17.73	17.67	19	5
15	256QAM	36	20	17.61	17.68	17.53		
15	256QAM	36	39	17.55	17.71	17.51		
15	256QAM	75	0	17.58	17.68	17.56		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.73	22.82	22.66	24	0
10	QPSK	1	25	22.70	22.72	22.56		
10	QPSK	1	49	22.54	22.63	22.65		
10	QPSK	25	0	21.57	21.77	21.54	23	1
10	QPSK	25	12	21.68	21.66	21.64		
10	QPSK	25	25	21.49	21.67	21.48		
10	QPSK	50	0	21.52	21.62	21.54		
10	16QAM	1	0	21.48	21.65	21.63	23	1
10	16QAM	1	25	21.50	21.63	21.46		
10	16QAM	1	49	21.35	21.48	21.42		
10	16QAM	25	0	20.55	20.68	20.63	22	2
10	16QAM	25	12	20.59	20.59	20.63		
10	16QAM	25	25	20.53	20.62	20.56		
10	16QAM	50	0	20.45	20.59	20.63		
10	64QAM	1	0	20.48	20.56	20.48	22	2
10	64QAM	1	25	20.40	20.53	20.44		
10	64QAM	1	49	20.37	20.43	20.37		
10	64QAM	25	0	19.64	19.62	19.56	21	3
10	64QAM	25	12	19.54	19.61	19.56		
10	64QAM	25	25	19.40	19.57	19.45		
10	64QAM	50	0	19.44	19.57	19.59		
10	256QAM	1	0	17.60	17.73	17.59	19	5
10	256QAM	1	25	17.63	17.71	17.57		
10	256QAM	1	49	17.57	17.60	17.55		
10	256QAM	25	0	17.54	17.64	17.57	19	5
10	256QAM	25	12	17.52	17.60	17.47		
10	256QAM	25	25	17.49	17.54	17.36		
10	256QAM	50	0	17.45	17.53	17.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.70	22.75	22.69	24	0
5	QPSK	1	12	22.73	22.71	22.61		
5	QPSK	1	24	22.64	22.73	22.57		
5	QPSK	12	0	21.55	21.72	21.56	23	1
5	QPSK	12	7	21.59	21.68	21.64		
5	QPSK	12	13	21.57	21.59	21.47		
5	QPSK	25	0	21.61	21.67	21.60		
5	16QAM	1	0	21.48	21.64	21.62	23	1
5	16QAM	1	12	21.60	21.53	21.48		
5	16QAM	1	24	21.40	21.52	21.48		
5	16QAM	12	0	20.56	20.70	20.53	22	2
5	16QAM	12	7	20.62	20.68	20.56		
5	16QAM	12	13	20.49	20.55	20.45		
5	16QAM	25	0	20.52	20.63	20.58		
5	64QAM	1	0	20.52	20.63	20.41	22	2
5	64QAM	1	12	20.36	20.59	20.36		
5	64QAM	1	24	20.40	20.44	20.46		
5	64QAM	12	0	19.66	19.67	19.64	21	3
5	64QAM	12	7	19.46	19.58	19.53		
5	64QAM	12	13	19.38	19.57	19.38		
5	64QAM	25	0	19.54	19.59	19.51		
5	256QAM	1	0	17.64	17.71	17.60	19	5
5	256QAM	1	12	17.53	17.71	17.66		
5	256QAM	1	24	17.59	17.63	17.47		
5	256QAM	12	0	17.50	17.70	17.53	19	5
5	256QAM	12	7	17.46	17.53	17.39		
5	256QAM	12	13	17.43	17.47	17.46		
5	256QAM	25	0	17.49	17.64	17.46		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.69	22.79	22.60	24	0
3	QPSK	1	8	22.70	22.74	22.67		
3	QPSK	1	14	22.57	22.72	22.56		
3	QPSK	8	0	21.63	21.69	21.56	23	1
3	QPSK	8	4	21.65	21.63	21.65		
3	QPSK	8	7	21.51	21.55	21.55		
3	QPSK	15	0	21.61	21.73	21.51		
3	16QAM	1	0	21.48	21.65	21.58	23	1
3	16QAM	1	8	21.50	21.63	21.41		
3	16QAM	1	14	21.38	21.46	21.50		
3	16QAM	8	0	20.54	20.72	20.55	22	2
3	16QAM	8	4	20.62	20.60	20.60		
3	16QAM	8	7	20.52	20.63	20.54		
3	16QAM	15	0	20.48	20.62	20.60		
3	64QAM	1	0	20.44	20.58	20.40	22	2
3	64QAM	1	8	20.46	20.53	20.42		
3	64QAM	1	14	20.42	20.49	20.43		
3	64QAM	8	0	19.68	19.66	19.60	21	3
3	64QAM	8	4	19.49	19.68	19.51		
3	64QAM	8	7	19.43	19.58	19.48		
3	64QAM	15	0	19.48	19.63	19.52		
3	256QAM	1	0	17.54	17.69	17.57	19	5
3	256QAM	1	8	17.61	17.61	17.58		
3	256QAM	1	14	17.56	17.58	17.50		
3	256QAM	8	0	17.56	17.58	17.62	19	5
3	256QAM	8	4	17.51	17.60	17.44		
3	256QAM	8	7	17.47	17.55	17.38		
3	256QAM	15	0	17.51	17.64	17.51		
Channel				26907	26965	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.77	22.85	22.63	24	0
1.4	QPSK	1	3	22.66	22.80	22.57		
1.4	QPSK	1	5	22.64	22.71	22.66		
1.4	QPSK	3	0	22.74	22.82	22.71		
1.4	QPSK	3	1	22.74	22.76	22.64		
1.4	QPSK	3	3	22.56	22.63	22.56		
1.4	QPSK	6	0	21.65	21.67	21.59	23	1
1.4	16QAM	1	0	21.60	21.69	21.58	23	1
1.4	16QAM	1	3	21.49	21.63	21.51		
1.4	16QAM	1	5	21.54	21.67	21.56		
1.4	16QAM	3	0	21.51	21.58	21.61		
1.4	16QAM	3	1	21.48	21.62	21.38		
1.4	16QAM	3	3	21.38	21.46	21.49		
1.4	16QAM	6	0	20.63	20.66	20.56	22	2
1.4	64QAM	1	0	20.60	20.62	20.62	22	2
1.4	64QAM	1	3	20.42	20.54	20.48		
1.4	64QAM	1	5	20.50	20.60	20.59		
1.4	64QAM	3	0	20.51	20.53	20.43		
1.4	64QAM	3	1	20.38	20.53	20.37		
1.4	64QAM	3	3	20.40	20.46	20.38		
1.4	64QAM	6	0	19.62	19.73	19.57	21	3
1.4	256QAM	1	0	17.54	17.74	17.51	19	5
1.4	256QAM	1	3	17.55	17.71	17.65		
1.4	256QAM	1	5	17.50	17.64	17.54		
1.4	256QAM	3	0	17.53	17.69	17.60		
1.4	256QAM	3	1	17.49	17.57	17.42		
1.4	256QAM	3	3	17.41	17.56	17.36		
1.4	256QAM	6	0	17.45	17.53	17.48	19	5

Band 66 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					132072	132322	132572	
Frequency (MHz)					1720	1745	1770	
20	QPSK	1	0	20.26	20.36	20.20	21	0
20	QPSK	1	49	20.22	20.29	20.16		
20	QPSK	1	99	20.15	20.22	20.08		
20	QPSK	50	0	19.24	19.38	19.25	20	1
20	QPSK	50	24	19.21	19.33	19.28		
20	QPSK	50	50	19.15	19.26	19.14		
20	QPSK	100	0	19.21	19.33	19.21		
20	16QAM	1	0	19.27	19.31	19.22	20	1
20	16QAM	1	49	19.15	19.26	19.22		
20	16QAM	1	99	19.12	19.19	19.15		
20	16QAM	50	0	18.38	18.44	18.38	19	2
20	16QAM	50	24	18.29	18.39	18.24		
20	16QAM	50	50	18.29	18.32	18.27		
20	16QAM	100	0	18.31	18.37	18.29		
20	64QAM	1	0	18.18	18.30	18.16	19	2
20	64QAM	1	49	18.21	18.25	18.14		
20	64QAM	1	99	18.04	18.18	18.09		
20	64QAM	50	0	17.34	17.41	17.35	18	3
20	64QAM	50	24	17.29	17.36	17.24		
20	64QAM	50	50	17.16	17.29	17.24		
20	64QAM	100	0	17.26	17.34	17.22		
20	256QAM	1	0	15.34	15.43	15.36	16	5
20	256QAM	1	49	15.27	15.38	15.33		
20	256QAM	1	99	15.20	15.31	15.19		
20	256QAM	50	0	15.28	15.37	15.29	16	5
20	256QAM	50	24	15.26	15.32	15.22		
20	256QAM	50	50	15.20	15.25	15.15		
20	256QAM	100	0	15.21	15.31	15.19		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.09	20.16	20.06	21	0
15	QPSK	1	37	20.06	20.15	20.02		
15	QPSK	1	74	19.94	20.01	19.95		
15	QPSK	36	0	19.20	19.28	19.19	20	1
15	QPSK	36	20	19.16	19.26	19.24		
15	QPSK	36	39	19.08	19.16	19.07		
15	QPSK	75	0	19.14	19.20	19.16		
15	16QAM	1	0	19.22	19.16	19.07	20	1
15	16QAM	1	37	19.01	19.21	19.14		
15	16QAM	1	74	19.02	19.16	19.09		
15	16QAM	36	0	18.28	18.36	18.33	19	2
15	16QAM	36	20	18.21	18.27	18.15		
15	16QAM	36	39	18.21	18.23	18.24		
15	16QAM	75	0	18.23	18.26	18.21		
15	64QAM	1	0	18.13	18.25	18.06	19	2
15	64QAM	1	37	18.08	18.12	18.10		
15	64QAM	1	74	17.91	18.08	17.98		
15	64QAM	36	0	17.21	17.38	17.26	18	3
15	64QAM	36	20	17.18	17.23	17.12		
15	64QAM	36	39	17.05	17.18	17.12		
15	64QAM	75	0	17.14	17.24	17.16		
15	256QAM	1	0	15.27	15.36	15.22	16	5
15	256QAM	1	37	15.12	15.34	15.21		
15	256QAM	1	74	15.07	15.27	15.11		
15	256QAM	36	0	15.20	15.27	15.25	16	5
15	256QAM	36	20	15.19	15.25	15.11		
15	256QAM	36	39	15.08	15.19	15.00		
15	256QAM	75	0	15.17	15.19	15.14		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.09	20.16	19.97	21	0
10	QPSK	1	25	20.01	20.10	19.99		
10	QPSK	1	49	19.91	20.09	19.99		
10	QPSK	25	0	19.13	19.28	19.22	20	1
10	QPSK	25	12	19.11	19.25	19.20		
10	QPSK	25	25	19.03	19.15	19.10		
10	QPSK	50	0	19.07	19.25	19.09		
10	16QAM	1	0	19.19	19.19	19.08	20	1
10	16QAM	1	25	19.04	19.20	19.17		
10	16QAM	1	49	19.05	19.10	19.12		
10	16QAM	25	0	18.33	18.29	18.27	19	2
10	16QAM	25	12	18.15	18.36	18.20		
10	16QAM	25	25	18.17	18.18	18.14		
10	16QAM	50	0	18.24	18.30	18.23		
10	64QAM	1	0	18.12	18.16	18.06	19	2
10	64QAM	1	25	18.17	18.15	18.02		
10	64QAM	1	49	18.01	18.04	18.03		
10	64QAM	25	0	17.20	17.29	17.25	18	3
10	64QAM	25	12	17.15	17.21	17.18		
10	64QAM	25	25	17.10	17.20	17.20		
10	64QAM	50	0	17.18	17.28	17.18		
10	256QAM	1	0	15.22	15.38	15.26	16	5
10	256QAM	1	25	15.19	15.28	15.29		
10	256QAM	1	49	15.13	15.22	15.09		
10	256QAM	25	0	15.18	15.25	15.15	16	5
10	256QAM	25	12	15.16	15.25	15.09		
10	256QAM	25	25	15.16	15.19	15.03		
10	256QAM	50	0	15.17	15.22	15.04		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.04	20.10	19.98	21	0
5	QPSK	1	12	20.08	20.09	20.00		
5	QPSK	1	24	19.97	20.08	19.94		
5	QPSK	12	0	19.14	19.25	19.17	20	1
5	QPSK	12	7	19.08	19.20	19.24		
5	QPSK	12	13	19.05	19.22	19.03		
5	QPSK	25	0	19.07	19.25	19.14		
5	16QAM	1	0	19.19	19.20	19.17	20	1
5	16QAM	1	12	19.02	19.19	19.09		
5	16QAM	1	24	18.97	19.09	19.00		
5	16QAM	12	0	18.25	18.32	18.31	19	2
5	16QAM	12	7	18.15	18.33	18.14		
5	16QAM	12	13	18.24	18.28	18.23		
5	16QAM	25	0	18.17	18.32	18.19		
5	64QAM	1	0	18.15	18.16	18.04	19	2
5	64QAM	1	12	18.17	18.18	18.09		
5	64QAM	1	24	17.90	18.09	18.00		
5	64QAM	12	0	17.26	17.27	17.28	18	3
5	64QAM	12	7	17.15	17.33	17.12		
5	64QAM	12	13	17.09	17.20	17.20		
5	64QAM	25	0	17.17	17.30	17.17		

Band 38 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.63	20.70	20.57	22	0
20	QPSK	1	49	20.60	20.65	20.53		
20	QPSK	1	99	20.52	20.58	20.48		
20	QPSK	50	0	19.56	19.61	19.50	21	1
20	QPSK	50	24	19.42	19.56	19.39		
20	QPSK	50	50	19.38	19.49	19.34		
20	QPSK	100	0	19.44	19.57	19.51		
20	16QAM	1	0	19.42	19.52	19.39	21	1
20	16QAM	1	49	19.33	19.47	19.42		
20	16QAM	1	99	19.30	19.40	19.35		
20	16QAM	50	0	18.45	18.55	18.47	20	2
20	16QAM	50	24	18.43	18.50	18.39		
20	16QAM	50	50	18.35	18.43	18.39		
20	16QAM	100	0	18.46	18.49	18.45		
20	64QAM	1	0	18.33	18.45	18.35	20	2
20	64QAM	1	49	18.31	18.40	18.32		
20	64QAM	1	99	18.26	18.33	18.26		
20	64QAM	50	0	17.41	17.46	17.35	19	3
20	64QAM	50	24	17.33	17.41	17.27		
20	64QAM	50	50	17.30	17.34	17.19		
20	64QAM	100	0	17.32	17.43	17.38		
20	256QAM	1	0	15.45	15.51	15.40	17	5
20	256QAM	1	49	15.35	15.46	15.31		
20	256QAM	1	99	15.34	15.39	15.28		
20	256QAM	50	0	15.44	15.48	15.42		
20	256QAM	50	24	15.35	15.43	15.31	17	5
20	256QAM	50	50	15.30	15.36	15.25		
20	256QAM	100	0	15.38	15.44	15.29		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	20.50	20.62	20.50	22	0
15	QPSK	1	37	20.55	20.58	20.40		
15	QPSK	1	74	20.42	20.54	20.35		
15	QPSK	36	0	19.51	19.47	19.36	21	1
15	QPSK	36	20	19.29	19.51	19.35		
15	QPSK	36	39	19.33	19.35	19.21		
15	QPSK	75	0	19.33	19.49	19.39		
15	16QAM	1	0	19.31	19.47	19.34	21	1
15	16QAM	1	37	19.30	19.35	19.37		
15	16QAM	1	74	19.16	19.31	19.24		
15	16QAM	36	0	18.39	18.49	18.39	20	2
15	16QAM	36	20	18.40	18.41	18.31		
15	16QAM	36	39	18.31	18.35	18.26		
15	16QAM	75	0	18.37	18.44	18.39		
15	64QAM	1	0	18.26	18.37	18.26	20	2
15	64QAM	1	37	18.25	18.29	18.20		
15	64QAM	1	74	18.16	18.22	18.13		
15	64QAM	36	0	17.37	17.35	17.24	19	3
15	64QAM	36	20	17.28	17.34	17.21		
15	64QAM	36	39	17.15	17.24	17.13		
15	64QAM	75	0	17.22	17.37	17.29		
15	256QAM	1	0	15.38	15.38	15.32	17	5
15	256QAM	1	37	15.22	15.40	15.21		
15	256QAM	1	74	15.25	15.33	15.22		
15	256QAM	36	0	15.31	15.35	15.37	17	5
15	256QAM	36	20	15.21	15.36	15.28		
15	256QAM	36	39	15.20	15.24	15.16		
15	256QAM	75	0	15.27	15.36	15.19		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	20.50	20.59	20.52	22	0
10	QPSK	1	25	20.51	20.55	20.42		
10	QPSK	1	49	20.42	20.48	20.34		
10	QPSK	25	0	19.44	19.51	19.41	21	1
10	QPSK	25	12	19.36	19.47	19.39		
10	QPSK	25	25	19.27	19.38	19.30		
10	QPSK	50	0	19.36	19.48	19.48		
10	16QAM	1	0	19.30	19.44	19.30	21	1
10	16QAM	1	25	19.29	19.35	19.36		
10	16QAM	1	49	19.21	19.28	19.28		
10	16QAM	25	0	18.35	18.42	18.35	20	2
10	16QAM	25	12	18.40	18.42	18.26		
10	16QAM	25	25	18.29	18.31	18.32		
10	16QAM	50	0	18.37	18.37	18.32		
10	64QAM	1	0	18.29	18.31	18.21	20	2
10	64QAM	1	25	18.18	18.32	18.27		
10	64QAM	1	49	18.16	18.22	18.19		
10	64QAM	25	0	17.32	17.36	17.22	19	3
10	64QAM	25	12	17.28	17.30	17.23		
10	64QAM	25	25	17.21	17.22	17.15		
10	64QAM	50	0	17.29	17.31	17.25		
10	256QAM	1	0	15.31	15.37	15.30	17	5
10	256QAM	1	25	15.21	15.33	15.27		
10	256QAM	1	49	15.30	15.29	15.14		
10	256QAM	25	0	15.29	15.45	15.32	17	5
10	256QAM	25	12	15.28	15.32	15.17		
10	256QAM	25	25	15.27	15.31	15.14		
10	256QAM	50	0	15.25	15.40	15.22		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	20.54	20.57	20.43	22	0
5	QPSK	1	12	20.48	20.55	20.46		
5	QPSK	1	24	20.39	20.49	20.40		
5	QPSK	12	0	19.41	19.58	19.45	21	1
5	QPSK	12	7	19.29	19.48	19.36		
5	QPSK	12	13	19.24	19.41	19.27		
5	QPSK	25	0	19.32	19.49	19.42		
5	16QAM	1	0	19.34	19.48	19.25	21	1
5	16QAM	1	12	19.28	19.35	19.29		
5	16QAM	1	24	19.16	19.37	19.26		
5	16QAM	12	0	18.42	18.42	18.42	20	2
5	16QAM	12	7	18.34	18.36	18.30		
5	16QAM	12	13	18.27	18.35	18.27		
5	16QAM	25	0	18.34	18.38	18.40		
5	64QAM	1	0	18.23	18.34	18.22	20	2
5	64QAM	1	12	18.26	18.27	18.27		
5	64QAM	1	24	18.18	18.30	18.13		
5	64QAM	12	0	17.29	17.43	17.24	19	3
5	64QAM	12	7	17.22	17.37	17.18		
5	64QAM	12	13	17.26	17.23	17.07		
5	64QAM	25	0	17.25	17.36	17.25		
5	256QAM	1	0	15.32	15.48	15.36	17	5
5	256QAM	1	12	15.26	15.36	15.26		
5	256QAM	1	24	15.24	15.32	15.21		
5	256QAM	12	0	15.33	15.44	15.35	17	5
5	256QAM	12	7	15.28	15.33	15.19		
5	256QAM	12	13	15.21	15.27	15.20		
5	256QAM	25	0	15.27	15.38	15.16		

Band 41 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.58	20.65	20.77	20.71	20.63	22	0
20	QPSK	1	49	20.54	20.63	20.72	20.68	20.58		
20	QPSK	1	99	20.49	20.53	20.65	20.50	20.54		
20	QPSK	50	0	19.62	19.62	19.74	19.64	19.69	21	1
20	QPSK	50	24	19.57	19.63	19.69	19.58	19.54		
20	QPSK	50	50	19.51	19.50	19.62	19.47	19.52		
20	QPSK	100	0	19.53	19.59	19.66	19.57	19.59		
20	16QAM	1	0	19.45	19.46	19.58	19.48	19.48	21	1
20	16QAM	1	49	19.35	19.40	19.53	19.44	19.41		
20	16QAM	1	99	19.35	19.34	19.46	19.43	19.32		
20	16QAM	50	0	18.52	18.59	18.70	18.61	18.55	20	2
20	16QAM	50	24	18.50	18.51	18.65	18.56	18.52		
20	16QAM	50	50	18.46	18.49	18.58	18.47	18.53		
20	16QAM	100	0	18.49	18.57	18.64	18.51	18.57		
20	64QAM	1	0	18.46	18.55	18.61	18.48	18.56	20	2
20	64QAM	1	49	18.38	18.42	18.58	18.50	18.45		
20	64QAM	1	99	18.29	18.38	18.49	18.38	18.45		
20	64QAM	50	0	17.53	17.55	17.66	17.55	17.52	19	3
20	64QAM	50	24	17.43	17.55	17.61	17.48	17.56		
20	64QAM	50	50	17.38	17.39	17.54	17.47	17.43		
20	64QAM	100	0	17.50	17.47	17.60	17.48	17.54		
20	256QAM	1	0	15.60	15.67	15.77	15.73	15.70	17	5
20	256QAM	1	49	15.59	15.59	15.72	15.68	15.65		
20	256QAM	1	99	15.47	15.56	15.65	15.50	15.56		
20	256QAM	50	0	15.62	15.61	15.72	15.57	15.62	17	5
20	256QAM	50	24	15.56	15.55	15.67	15.60	15.55		
20	256QAM	50	50	15.45	15.49	15.60	15.48	15.56		
20	256QAM	100	0	15.47	15.50	15.64	15.50	15.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	20.48	20.54	20.73	20.61	20.50	22.00	0
15	QPSK	1	37	20.43	20.50	20.59	20.60	20.55		
15	QPSK	1	74	20.41	20.44	20.61	20.35	20.47		
15	QPSK	36	0	19.55	19.54	19.67	19.59	19.54	21	1
15	QPSK	36	20	19.50	19.57	19.60	19.45	19.49		
15	QPSK	36	39	19.42	19.38	19.56	19.36	19.47		
15	QPSK	75	0	19.42	19.56	19.62	19.43	19.46		
15	16QAM	1	0	19.34	19.43	19.44	19.35	19.34	21	1
15	16QAM	1	37	19.32	19.29	19.45	19.34	19.28		
15	16QAM	1	74	19.23	19.23	19.33	19.35	19.25		
15	16QAM	36	0	18.38	18.50	18.61	18.57	18.48	20	2
15	16QAM	36	20	18.36	18.47	18.54	18.51	18.45		
15	16QAM	36	39	18.34	18.38	18.46	18.39	18.47		
15	16QAM	75	0	18.38	18.48	18.51	18.41	18.47		
15	64QAM	1	0	18.39	18.48	18.58	18.38	18.50	20	2
15	64QAM	1	37	18.30	18.30	18.50	18.44	18.36		
15	64QAM	1	74	18.17	18.25	18.37	18.35	18.32		
15	64QAM	36	0	17.41	17.43	17.58	17.48	17.49	19	3
15	64QAM	36	20	17.33	17.43	17.54	17.38	17.45		
15	64QAM	36	39	17.24	17.27	17.49	17.40	17.36		
15	64QAM	75	0	17.39	17.37	17.45	17.42	17.39		
15	256QAM	1	0	15.52	15.62	15.70	15.64	15.64	17	5
15	256QAM	1	37	15.45	15.48	15.63	15.56	15.55		
15	256QAM	1	74	15.34	15.44	15.54	15.44	15.46		
15	256QAM	36	0	15.48	15.53	15.65	15.53	15.58	17	5
15	256QAM	36	20	15.51	15.47	15.53	15.48	15.47		
15	256QAM	36	39	15.38	15.41	15.50	15.40	15.47		
15	256QAM	75	0	15.36	15.46	15.57	15.44	15.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	20.51	20.58	20.71	20.56	20.54	22.00	0
10	QPSK	1	25	20.45	20.49	20.57	20.63	20.54		
10	QPSK	1	49	20.36	20.39	20.56	20.41	20.48		
10	QPSK	25	0	19.59	19.54	19.70	19.57	19.55	21	1
10	QPSK	25	12	19.45	19.52	19.58	19.54	19.49		
10	QPSK	25	25	19.36	19.42	19.59	19.40	19.38		
10	QPSK	50	0	19.40	19.53	19.57	19.42	19.49		
10	16QAM	1	0	19.40	19.32	19.53	19.36	19.43	21	1
10	16QAM	1	25	19.24	19.34	19.47	19.34	19.34		
10	16QAM	1	49	19.25	19.28	19.32	19.40	19.19		
10	16QAM	25	0	18.45	18.53	18.62	18.48	18.45	20	2
10	16QAM	25	12	18.45	18.42	18.56	18.49	18.45		
10	16QAM	25	25	18.32	18.42	18.52	18.36	18.43		
10	16QAM	50	0	18.40	18.44	18.50	18.39	18.48		
10	64QAM	1	0	18.42	18.42	18.52	18.40	18.43	20	2
10	64QAM	1	25	18.30	18.28	18.48	18.45	18.31		
10	64QAM	1	49	18.16	18.34	18.38	18.29	18.41		
10	64QAM	25	0	17.41	17.41	17.61	17.45	17.38	19	3
10	64QAM	25	12	17.36	17.42	17.55	17.44	17.46		
10	64QAM	25	25	17.28	17.27	17.46	17.38	17.38		
10	64QAM	50	0	17.35	17.40	17.46	17.43	17.39		
10	256QAM	1	0	15.51	15.62	15.64	15.66	15.57	17	5
10	256QAM	1	25	15.49	15.52	15.61	15.54	15.53		
10	256QAM	1	49	15.36	15.45	15.51	15.44	15.50		
10	256QAM	25	0	15.57	15.52	15.61	15.52	15.58	17	5
10	256QAM	25	12	15.44	15.51	15.55	15.48	15.40		
10	256QAM	25	25	15.36	15.41	15.52	15.36	15.44		
10	256QAM	50	0	15.42	15.45	15.52	15.39	15.43		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2499.5	2546.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	20.49	20.55	20.66	20.62	20.59	22.00	0
5	QPSK	1	12	20.45	20.49	20.63	20.56	20.50		
5	QPSK	1	24	20.41	20.40	20.55	20.36	20.43		
5	QPSK	12	0	19.48	19.42	19.63	19.51	19.63	21	1
5	QPSK	12	7	19.52	19.51	19.55	19.55	19.45		
5	QPSK	12	13	19.36	19.39	19.55	19.34	19.48		
5	QPSK	25	0	19.49	19.52	19.56	19.52	19.45		
5	16QAM	1	0	19.37	19.35	19.44	19.38	19.39	21	1
5	16QAM	1	12	19.28	19.26	19.45	19.34	19.27		
5	16QAM	1	24	19.26	19.22	19.39	19.36	19.26		
5	16QAM	12	0	18.45	18.48	18.59	18.52	18.52	20	2
5	16QAM	12	7	18.38	18.39	18.54	18.49	18.45		
5	16QAM	12	13	18.35	18.39	18.47	18.39	18.44		
5	16QAM	25	0	18.42	18.47	18.58	18.39	18.46		
5	64QAM	1	0	18.36	18.41	18.56	18.44	18.47	20	2
5	64QAM	1	12	18.29	18.31	18.50	18.46	18.35		
5	64QAM	1	24	18.20	18.34	18.46	18.26	18.31		
5	64QAM	12	0	17.41	17.44	17.60	17.41	17.39	19	3
5	64QAM	12	7	17.30	17.46	17.57	17.36	17.45		
5	64QAM	12	13	17.31	17.25	17.40	17.39	17.39		
5	64QAM	25	0	17.39	17.42	17.55	17.38	17.46		
5	256QAM	1	0	15.54	15.63	15.63	15.67	15.59	17	5
5	256QAM	1	12	15.44	15.54	15.69	15.63	15.59		
5	256QAM	1	24	15.34	15.49	15.60	15.44	15.42		
5	256QAM	12	0	15.53	15.52	15.69	15.43	15.56	17	5
5	256QAM	12	7	15.52	15.41	15.55	15.47	15.47		
5	256QAM	12	13	15.35	15.39	15.53	15.40	15.43		
5	256QAM	25	0	15.33	15.40	15.49	15.37	15.45		

Band 41 HPUE Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.57	23.61	23.76	23.74	23.68	25	0
20	QPSK	1	49	23.56	23.61	23.67	23.64	23.53		
20	QPSK	1	99	23.47	23.47	23.70	23.47	23.50		
20	QPSK	50	0	22.65	22.59	22.74	22.63	22.67	24	1
20	QPSK	50	24	22.57	22.62	22.70	22.61	22.49		
20	QPSK	50	50	22.52	22.49	22.67	22.52	22.48		
20	QPSK	100	0	22.56	22.54	22.70	22.61	22.55		
20	16QAM	1	0	22.51	22.51	22.62	22.48	22.51	24	1
20	16QAM	1	49	22.33	22.41	22.52	22.46	22.43		
20	16QAM	1	99	22.37	22.30	22.45	22.42	22.27		
20	16QAM	50	0	21.53	21.64	21.75	21.60	21.50	23	2
20	16QAM	50	24	21.52	21.50	21.68	21.58	21.50		
20	16QAM	50	50	21.47	21.45	21.60	21.49	21.49		
20	16QAM	100	0	21.47	21.62	21.61	21.56	21.59		
20	64QAM	1	0	21.45	21.51	21.59	21.46	21.58	23	2
20	64QAM	1	49	21.41	21.37	21.53	21.53	21.44		
20	64QAM	1	99	21.32	21.42	21.48	21.42	21.41		
20	64QAM	50	0	20.58	20.55	20.62	20.54	20.52	22	3
20	64QAM	50	24	20.42	20.49	20.60	20.46	20.51		
20	64QAM	50	50	20.42	20.39	20.55	20.44	20.43		
20	64QAM	100	0	20.53	20.51	20.64	20.44	20.54		
20	256QAM	1	0	18.57	18.67	18.82	18.68	18.64	20	5
20	256QAM	1	49	18.60	18.64	18.71	18.68	18.66		
20	256QAM	1	99	18.42	18.55	18.64	18.52	18.53		
20	256QAM	50	0	18.58	18.59	18.73	18.52	18.61	20	5
20	256QAM	50	24	18.56	18.53	18.64	18.55	18.50		
20	256QAM	50	50	18.42	18.54	18.56	18.49	18.59		
20	256QAM	100	0	18.48	18.52	18.62	18.46	18.61		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	23.52	23.54	23.63	23.61	23.58	25.00	0
15	QPSK	1	37	23.41	23.46	23.52	23.51	23.39		
15	QPSK	1	74	23.37	23.38	23.63	23.34	23.39		
15	QPSK	36	0	22.60	22.47	22.60	22.53	22.59	24	1
15	QPSK	36	20	22.50	22.53	22.59	22.49	22.43		
15	QPSK	36	39	22.46	22.44	22.62	22.42	22.38		
15	QPSK	75	0	22.43	22.50	22.57	22.52	22.45		
15	16QAM	1	0	22.36	22.41	22.52	22.38	22.35	24	1
15	16QAM	1	37	22.20	22.36	22.40	22.33	22.35		
15	16QAM	1	74	22.26	22.19	22.38	22.32	22.17		
15	16QAM	36	0	21.46	21.51	21.61	21.45	21.43	23	2
15	16QAM	36	20	21.45	21.34	21.55	21.46	21.40		
15	16QAM	36	39	21.34	21.33	21.47	21.37	21.39		
15	16QAM	75	0	21.35	21.47	21.48	21.47	21.45		
15	64QAM	1	0	21.34	21.36	21.46	21.36	21.54	23	2
15	64QAM	1	37	21.32	21.33	21.38	21.47	21.40		
15	64QAM	1	74	21.23	21.33	21.34	21.29	21.27		
15	64QAM	36	0	20.52	20.46	20.51	20.39	20.42	22	3
15	64QAM	36	20	20.37	20.34	20.50	20.32	20.38		
15	64QAM	36	39	20.36	20.34	20.46	20.30	20.38		
15	64QAM	75	0	20.37	20.39	20.55	20.32	20.43		
15	256QAM	1	0	18.45	18.61	18.76	18.60	18.50	20	5
15	256QAM	1	37	18.54	18.49	18.56	18.60	18.57		
15	256QAM	1	74	18.28	18.47	18.56	18.45	18.44		
15	256QAM	36	0	18.42	18.46	18.66	18.48	18.56	20	5
15	256QAM	36	20	18.49	18.46	18.58	18.44	18.45		
15	256QAM	36	39	18.26	18.48	18.50	18.38	18.45		
15	256QAM	75	0	18.34	18.48	18.55	18.38	18.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.51	23.51	23.70	23.69	23.54	25.00	0
10	QPSK	1	25	23.42	23.55	23.57	23.48	23.39		
10	QPSK	1	49	23.32	23.37	23.62	23.40	23.37		
10	QPSK	25	0	22.52	22.52	22.64	22.55	22.54	24	1
10	QPSK	25	12	22.51	22.58	22.56	22.47	22.41		
10	QPSK	25	25	22.44	22.40	22.58	22.47	22.41		
10	QPSK	50	0	22.46	22.41	22.64	22.55	22.47	24	1
10	16QAM	1	0	22.38	22.47	22.55	22.43	22.44		
10	16QAM	1	25	22.21	22.30	22.42	22.36	22.36		
10	16QAM	1	49	22.24	22.19	22.30	22.29	22.12		
10	16QAM	25	0	21.43	21.57	21.59	21.54	21.45	23	2
10	16QAM	25	12	21.36	21.44	21.54	21.48	21.43		
10	16QAM	25	25	21.36	21.33	21.44	21.34	21.34		
10	16QAM	50	0	21.36	21.56	21.46	21.43	21.54		
10	64QAM	1	0	21.30	21.45	21.49	21.38	21.54	23	2
10	64QAM	1	25	21.28	21.24	21.48	21.49	21.40		
10	64QAM	1	49	21.17	21.30	21.38	21.37	21.34		
10	64QAM	25	0	20.45	20.40	20.

Band 42 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.62	20.74	20.67	22	0
20	QPSK	1	49	20.60	20.72	20.64		
20	QPSK	1	99	20.56	20.65	20.52		
20	QPSK	50	0	19.70	19.74	19.70	21	1
20	QPSK	50	24	19.61	19.69	19.60		
20	QPSK	50	50	19.55	19.62	19.53		
20	QPSK	100	0	19.59	19.66	19.53		
20	16QAM	1	0	19.53	19.58	19.47	21	1
20	16QAM	1	49	19.40	19.53	19.42		
20	16QAM	1	99	19.38	19.46	19.37		
20	16QAM	50	0	18.59	18.70	18.61	20	2
20	16QAM	50	24	18.55	18.65	18.53		
20	16QAM	50	50	18.54	18.58	18.55		
20	16QAM	100	0	18.55	18.64	18.54		
20	64QAM	1	0	18.52	18.61	18.51	20	2
20	64QAM	1	49	18.50	18.56	18.49		
20	64QAM	1	99	18.43	18.49	18.43		
20	64QAM	50	0	17.55	17.66	17.54	19	3
20	64QAM	50	24	17.48	17.61	17.48		
20	64QAM	50	50	17.39	17.54	17.45		
20	64QAM	100	0	17.50	17.60	17.55		
20	256QAM	1	0	15.69	15.77	15.68	17	5
20	256QAM	1	49	15.61	15.72	15.68		
20	256QAM	1	99	15.57	15.65	15.57		
20	256QAM	50	0	15.69	15.72	15.57	17	5
20	256QAM	50	24	15.56	15.67	15.59		
20	256QAM	50	50	15.53	15.60	15.47		
20	256QAM	100	0	15.60	15.64	15.58		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.56	20.61	20.54	22	0
15	QPSK	1	37	20.50	20.58	20.55		
15	QPSK	1	74	20.43	20.58	20.47		
15	QPSK	36	0	19.60	19.68	19.65	21	1
15	QPSK	36	20	19.52	19.54	19.54		
15	QPSK	36	39	19.41	19.54	19.46		
15	QPSK	75	0	19.44	19.58	19.44		
15	16QAM	1	0	19.40	19.44	19.33	21	1
15	16QAM	1	37	19.37	19.42	19.29		
15	16QAM	1	74	19.25	19.42	19.28		
15	16QAM	36	0	18.48	18.57	18.46	20	2
15	16QAM	36	20	18.46	18.52	18.38		
15	16QAM	36	39	18.44	18.51	18.46		
15	16QAM	75	0	18.48	18.53	18.43		
15	64QAM	1	0	18.47	18.57	18.44	20	2
15	64QAM	1	37	18.37	18.49	18.38		
15	64QAM	1	74	18.30	18.40	18.35		
15	64QAM	36	0	17.52	17.59	17.47	19	3
15	64QAM	36	20	17.41	17.54	17.41		
15	64QAM	36	39	17.24	17.42	17.35		
15	64QAM	75	0	17.39	17.46	17.47		
15	256QAM	1	0	15.66	15.64	15.61	17	5
15	256QAM	1	37	15.56	15.57	15.60		
15	256QAM	1	74	15.53	15.54	15.49		
15	256QAM	36	0	15.63	15.60	15.45	17	5
15	256QAM	36	20	15.46	15.64	15.49		
15	256QAM	36	39	15.45	15.56	15.38		
15	256QAM	75	0	15.46	15.51	15.54		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.54	20.69	20.56	22	0
10	QPSK	1	25	20.52	20.58	20.50		
10	QPSK	1	49	20.53	20.51	20.38		
10	QPSK	25	0	19.59	19.67	19.55	21	1
10	QPSK	25	12	19.52	19.64	19.56		
10	QPSK	25	25	19.50	19.53	19.40		
10	QPSK	50	0	19.50	19.55	19.48		
10	16QAM	1	0	19.38	19.50	19.43	21	1
10	16QAM	1	25	19.33	19.48	19.29		
10	16QAM	1	49	19.25	19.34	19.32		
10	16QAM	25	0	18.52	18.58	18.52	20	2
10	16QAM	25	12	18.51	18.60	18.44		
10	16QAM	25	25	18.41	18.54	18.40		
10	16QAM	50	0	18.40	18.52	18.40		
10	64QAM	1	0	18.49	18.52	18.40	20	2
10	64QAM	1	25	18.42	18.47	18.37		
10	64QAM	1	49	18.39	18.42	18.36		
10	64QAM	25	0	17.44	17.56	17.40	19	3
10	64QAM	25	12	17.37	17.51	17.43		
10	64QAM	25	25	17.31	17.41	17.35		
10	64QAM	50	0	17.43	17.57	17.41		
10	256QAM	1	0	15.59	15.71	15.60	17	5
10	256QAM	1	25	15.56	15.67	15.58		
10	256QAM	1	49	15.44	15.60	15.44		
10	256QAM	25	0	15.58	15.68	15.54	17	5
10	256QAM	25	12	15.47	15.63	15.48		
10	256QAM	25	25	15.40	15.46	15.39		
10	256QAM	50	0	15.54	15.53	15.43		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.50	20.65	20.62	22	0
5	QPSK	1	12	20.46	20.59	20.54		
5	QPSK	1	24	20.52	20.54	20.43		
5	QPSK	12	0	19.58	19.68	19.64	21	1
5	QPSK	12	7	19.47	19.61	19.47		
5	QPSK	12	13	19.42	19.54	19.39		
5	QPSK	25	0	19.54	19.56	19.45		
5	16QAM	1	0	19.46	19.44	19.37	21	1
5	16QAM	1	12	19.26	19.40	19.38		
5	16QAM	1	24	19.29	19.35	19.23		
5	16QAM	12	0	18.45	18.65	18.57	20	2
5	16QAM	12	7	18.49	18.58	18.49		
5	16QAM	12	13	18.42	18.53	18.50		
5	16QAM	25	0	18.50	18.57	18.50		
5	64QAM	1	0	18.40	18.46	18.38	20	2
5	64QAM	1	12	18.43	18.44	18.39		
5	64QAM	1	24	18.29	18.37	18.32		
5	64QAM	12	0	17.43	17.58	17.45	19	3
5	64QAM	12	7	17.40	17.55	17.44		
5	64QAM	12	13	17.35	17.50	17.34		
5	64QAM	25	0	17.46	17.46	17.44		
5	256QAM	1	0	15.62	15.67	15.59	17	5
5	256QAM	1	12	15.52	15.64	15.53		
5	256QAM	1	24	15.44	15.55	15.50		
5	256QAM	12	0	15.59	15.61	15.53	17	5
5	256QAM	12	7	15.51	15.57	15.48		
5	256QAM	12	13	15.50	15.51	15.43		
5	256QAM	25	0	15.57	15.55	15.51		

Band 42 Part 96 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3690	3675	3690		
20	QPSK	1	0	20.44	20.61	20.51	22	0
20	QPSK	1	49	20.50	20.58	20.54		
20	QPSK	1	99	20.38	20.52	20.41		
20	QPSK	50	0	19.52	19.68	19.53	21	1
20	QPSK	50	24	19.44	19.60	19.57		
20	QPSK	50	50	19.40	19.47	19.41		
20	QPSK	100	0	19.52	19.54	19.44		
20	16QAM	1	0	19.39	19.43	19.37	21	1
20	16QAM	1	49	19.26	19.40	19.37		
20	16QAM	1	99	19.33	19.32	19.23		
20	16QAM	50	0	18.57	18.54	18.57	20	2
20	16QAM	50	24	18.47	18.52	18.48		
20	16QAM	50	50	18.38	18.41	18.48		
20	16QAM	100	0	18.42	18.53	18.40		
20	64QAM	1	0	18.42	18.51	18.34	20	2
20	64QAM	1	49	18.36	18.52	18.36		
20	64QAM	1	99	18.26	18.31	18.32		
20	64QAM	50	0	17.41	17.60	17.50	19	3
20	64QAM	50	24	17.32	17.58	17.41		
20	64QAM	50	50	17.29	17.52	17.39		
20	64QAM	100	0	17.43	17.55	17.43		
20	256QAM	1	0	15.66	15.64	15.63	17	5
20	256QAM	1	49	15.55	15.54	15.52		
20	256QAM	1	99	15.49	15.62	15.42		
20	256QAM	50	0	15.60	15.62	15.52	17	5
20	256QAM	50	24	15.49	15.59	15.50		
20	256QAM	50	50	15.45	15.43	15.43		
20	256QAM	100	0	15.48	15.49	15.51		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3675	3692.5		
15	QPSK	1	0	20.40	20.57	20.38	22	0
15	QPSK	1	37	20.35	20.53	20.40		
15	QPSK	1	74	20.36	20.43	20.37		
15	QPSK	36	0	19.45	19.56	19.46	21	1
15	QPSK	36	20	19.29	19.55	19.45		
15	QPSK	36	39	19.29	19.44	19.39		
15	QPSK	75	0	19.49	19.46	19.37		
15	16QAM	1	0	19.32	19.31	19.33	21	1
15	16QAM	1	37	19.20	19.27	19.35		
15	16QAM	1	74	19.22	19.23	19.15		
15	16QAM	36	0	18.46	18.45	18.52	20	2
15	16QAM	36	20	18.42	18.38	18.45		
15	16QAM	36	39	18.29	18.31	18.35		
15	16QAM	75	0	18.28	18.39	18.27		
15	64QAM	1	0	18.33	18.39	18.28	20	2
15	64QAM	1	37	18.32	18.48	18.24		
15	64QAM	1	74	18.18	18.23	18.24		
15	64QAM	36	0	17.37	17.46	17.36	19	3
15	64QAM	36	20	17.15	17.57	17.30		
15	64QAM	36	39	17.22	17.37	17.26		
15	64QAM	75	0	17.35	17.51	17.39		
15	256QAM	1	0	15.52	15.51	15.58	17	5
15	256QAM	1	37	15.38	15.50	15.41		
15	256QAM	1	74	15.34	15.49	15.37		
15	256QAM	36	0	15.43	15.51	15.50	17	5
15	256QAM	36	20	15.40	15.57	15.47		
15	256QAM	36	39	15.30	15.32	15.37		
15	256QAM	75	0	15.46	15.32	15.46		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3675	3695		
10	QPSK	1	0	20.30	20.59	20.46	22	0
10	QPSK	1	25	20.46	20.52	20.39		
10	QPSK	1	49	20.28	20.35	20.34		
10	QPSK	25	0	19.37	19.56	19.51	21	1
10	QPSK	25	12	19.41	19.46	19.55		
10	QPSK	25	25	19.39	19.34	19.32		
10	QPSK	50	0	19.42	19.48	19.35		
10	16QAM	1	0	19.28	19.31	19.26	21	1
10	16QAM	1	25	19.11	19.26	19.28		
10	16QAM	1	49	19.20	19.17	19.18		
10	16QAM	25	0	18.44	18.46	18.49	20	2
10	16QAM	25	12	18.39	18.36	18.36		
10	16QAM	25	25	18.30	18.24	18.36		
10	16QAM	50	0	18.26	18.37	18.31		
10	64QAM	1	0	18.33	18.42	18.20	20	2
10	64QAM	1	25	18.28	18.45	18.21		
10	64QAM	1	49	18.12	18.29	18.16		
10	64QAM	25	0	17.27	17.48	17.35	19	3
10	64QAM	25	12	17.23	17.43	17.30		
10	64QAM	25	25	17.24	17.44	17.24		
10	64QAM	50	0	17.28	17.45	17.30		
10	256QAM	1	0	15.65	15.51	15.50	17	5
10	256QAM	1	25	15.46	15.46	15.47		
10	256QAM	1	49	15.45	15.58	15.28		
10	256QAM	25	0	15.56	15.49	15.41	17	5
10	256QAM	25	12	15.33	15.46	15.43		
10	256QAM	25	25	15.41	15.38	15.32		
10	256QAM	50	0	15.37	15.45	15.44		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3675	3697.5		
5	QPSK	1	0	20.42	20.59	20.41	22	0
5	QPSK	1	12	20.37	20.56	20.38		
5	QPSK	1	24	20.29	20.50	20.27		
5	QPSK	12	0	19.46	19.55	19.50	21	1
5	QPSK	12	7	19.37	19.45	19.47		
5	QPSK	12	13	19.32	19.40	19.34		
5	QPSK	25	0	19.42	19.48	19.35		
5	16QAM	1	0	19.28	19.27	19.24	21	1
5	16QAM	1	12	19.16	19.24	19.35		
5	16QAM	1	24	19.26	19.28	19.07		
5	16QAM	12	0	18.46	18.37	18.48	20	2
5	16QAM	12	7	18.36	18.35	18.43		
5	16QAM	12	13	18.34	18.37	18.43		
5	16QAM	25	0	18.32	18.51	18.29		
5	64QAM	1	0	18.36	18.42	18.31	20	2
5	64QAM	1	12	18.29	18.36	18.25		
5	64QAM	1	24	18.12	18.18	18.15		
5	64QAM	12	0	17.31	17.48	17.47	19	3
5	64QAM	12	7	17.23	17.47	17.28		
5	64QAM	12	13	17.26	17.39	17.35		
5	64QAM	25	0	17.38	17.51	17.37		
5	256QAM	1	0	15.64	15.54	15.59	17	5
5	256QAM	1	12	15.47	15.41	15.45		
5	256QAM	1	24	15.36	15.53	15.39		
5	256QAM	12	0	15.48	15.49	15.41	17	5
5	256QAM	12	7	15.37	15.53	15.35		
5	256QAM	12	13	15.33	15.29	15.41		
5	256QAM	25	0	15.35	15.38	15.47		

Band 43 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	20.63	20.67	20.55	22	0
20	QPSK	1	49	20.58	20.62	20.52		
20	QPSK	1	99	20.40	20.55	20.44		
20	QPSK	50	0	19.49	19.59	19.47	21	1
20	QPSK	50	24	19.41	19.54	19.49		
20	QPSK	50	50	19.38	19.47	19.41		
20	QPSK	100	0	19.49	19.53	19.45		
20	16QAM	1	0	19.34	19.47	19.41	21	1
20	16QAM	1	49	19.29	19.42	19.33		
20	16QAM	1	99	19.28	19.35	19.24		
20	16QAM	50	0	18.47	18.51	18.37	20	2
20	16QAM	50	24	18.37	18.46	18.40		
20	16QAM	50	50	18.25	18.39	18.24		
20	16QAM	100	0	18.31	18.46	18.38		
20	64QAM	1	0	18.38	18.43	18.36	20	2
20	64QAM	1	49	18.29	18.38	18.34		
20	64QAM	1	99	18.18	18.31	18.23		
20	64QAM	50	0	17.32	17.44	17.36	19	3
20	64QAM	50	24	17.25	17.39	17.28		
20	64QAM	50	50	17.18	17.32	17.25		
20	64QAM	100	0	17.34	17.41	17.29		
20	256QAM	1	0	15.40	15.52	15.44	17	5
20	256QAM	1	49	15.34	15.47	15.40		
20	256QAM	1	99	15.37	15.40	15.32		
20	256QAM	50	0	15.37	15.45	15.33	17	5
20	256QAM	50	24	15.26	15.40	15.32		
20	256QAM	50	50	15.25	15.33	15.29		
20	256QAM	100	0	15.33	15.38	15.27		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	20.57	20.64	20.40	22	0
15	QPSK	1	37	20.45	20.51	20.47		
15	QPSK	1	74	20.30	20.50	20.34		
15	QPSK	36	0	19.35	19.55	19.34	21	1
15	QPSK	36	20	19.28	19.41	19.38		
15	QPSK	36	39	19.32	19.41	19.27		
15	QPSK	75	0	19.37	19.39	19.39		
15	16QAM	1	0	19.27	19.42	19.37	21	1
15	16QAM	1	37	19.17	19.36	19.20		
15	16QAM	1	74	19.14	19.29	19.19		
15	16QAM	36	0	18.37	18.38	18.30	20	2
15	16QAM	36	20	18.28	18.40	18.31		
15	16QAM	36	39	18.19	18.27	18.15		
15	16QAM	75	0	18.28	18.32	18.31		
15	64QAM	1	0	18.33	18.33	18.23	20	2
15	64QAM	1	37	18.21	18.32	18.21		
15	64QAM	1	74	18.11	18.28	18.17		
15	64QAM	36	0	17.28	17.35	17.33	19	3
15	64QAM	36	20	17.18	17.26	17.18		
15	64QAM	36	39	17.10	17.18	17.16		
15	64QAM	75	0	17.27	17.28	17.24		
15	256QAM	1	0	15.26	15.44	15.31	17	5
15	256QAM	1	37	15.30	15.36	15.32		
15	256QAM	1	74	15.33	15.29	15.20		
15	256QAM	36	0	15.26	15.37	15.22	17	5
15	256QAM	36	20	15.20	15.33	15.24		
15	256QAM	36	39	15.18	15.19	15.17		
15	256QAM	75	0	15.22	15.31	15.14		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	20.49	20.56	20.52	22	0
10	QPSK	1	25	20.45	20.55	20.45		
10	QPSK	1	49	20.25	20.46	20.33		
10	QPSK	25	0	19.42	19.50	19.43	21	1
10	QPSK	25	12	19.27	19.43	19.37		
10	QPSK	25	25	19.26	19.43	19.37		
10	QPSK	50	0	19.40	19.48	19.34		
10	16QAM	1	0	19.25	19.37	19.36	21	1
10	16QAM	1	25	19.20	19.28	19.26		
10	16QAM	1	49	19.20	19.20	19.16		
10	16QAM	25	0	18.35	18.47	18.23	20	2
10	16QAM	25	12	18.31	18.38	18.35		
10	16QAM	25	25	18.14	18.32	18.13		
10	16QAM	50	0	18.26	18.39	18.29		
10	64QAM	1	0	18.25	18.39	18.28	20	2
10	64QAM	1	25	18.22	18.28	18.24		
10	64QAM	1	49	18.06	18.23	18.11		
10	64QAM	25	0	17.20	17.35	17.25	19	3
10	64QAM	25	12	17.19	17.31	17.25		
10	64QAM	25	25	17.12	17.19	17.22		
10	64QAM	50	0	17.27	17.37	17.22		
10	256QAM	1	0	15.30	15.41	15.38	17	5
10	256QAM	1	25	15.24	15.36	15.27		
10	256QAM	1	49	15.30	15.25	15.23		
10	256QAM	25	0	15.31	15.31	15.29	17	5
10	256QAM	25	12	15.12	15.29	15.22		
10	256QAM	25	25	15.10	15.22	15.25		
10	256QAM	50	0	15.23	15.31	15.17		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	20.55	20.58	20.51	22	0
5	QPSK	1	12	20.51	20.57	20.44		
5	QPSK	1	24	20.35	20.51	20.36		
5	QPSK	12	0	19.35	19.45	19.32	21	1
5	QPSK	12	7	19.34	19.40	19.40		
5	QPSK	12	13	19.25	19.41	19.32		
5	QPSK	25	0	19.41	19.44	19.36		
5	16QAM	1	0	19.28	19.41	19.29	21	1
5	16QAM	1	12	19.21	19.36	19.29		
5	16QAM	1	24	19.25	19.23	19.20		
5	16QAM	12	0	18.41	18.37	18.24	20	2
5	16QAM	12	7	18.23	18.41	18.30		
5	16QAM	12	13	18.16	18.28	18.13		
5	16QAM	25	0	18.20	18.32	18.29		
5	64QAM	1	0	18.32	18.32	18.28	20	2
5	64QAM	1	12	18.18	18.28	18.29		
5	64QAM	1	24	18.12	18.25	18.09		
5	64QAM	12	0	17.20	17.33	17.23	19	3
5	64QAM	12	7	17.15	17.26	17.14		
5	64QAM	12	13	17.05	17.21	17.15		
5	64QAM	25	0	17.24	17.26	17.20		
5	256QAM	1	0	15.34	15.48	15.36	17	5
5	256QAM	1	12	15.29	15.34	15.26		
5	256QAM	1	24	15.25	15.36	15.22		
5	256QAM	12	0	15.26	15.35	15.22	17	5
5	256QAM	12	7	15.22	15.25	15.24		
5	256QAM	12	13	15.12	15.23	15.19		
5	256QAM	25	0	15.27	15.24	15.24		

Band 48 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3590	3639	3641	3690		
20	QPSK	1	0	20.72	20.84	20.71	20.67	22	0
20	QPSK	1	49	20.71	20.79	20.67	20.62		
20	QPSK	1	99	20.69	20.72	20.59	20.58		
20	QPSK	50	0	20.51	20.64	20.54	20.56	21	1
20	QPSK	50	24	20.55	20.59	20.49	20.55		
20	QPSK	50	50	20.43	20.52	20.42	20.39		
20	QPSK	100	0	20.56	20.61	20.54	20.52		
20	16QAM	1	0	20.49	20.59	20.53	20.45	21	1
20	16QAM	1	49	20.49	20.54	20.47	20.43		
20	16QAM	1	99	20.43	20.47	20.35	20.41		
20	16QAM	50	0	19.51	19.63	19.60	19.54	20	2
20	16QAM	50	24	19.54	19.58	19.52	19.44		
20	16QAM	50	50	19.46	19.51	19.41	19.48		
20	16QAM	100	0	19.46	19.58	19.51	19.55		
20	64QAM	1	0	19.49	19.60	19.54	19.45	20	2
20	64QAM	1	49	19.45	19.55	19.41	19.43		
20	64QAM	1	99	19.36	19.48	19.41	19.40		
20	64QAM	50	0	18.70	18.73	18.67	18.69	19	3
20	64QAM	50	24	18.54	18.68	18.64	18.58		
20	64QAM	50	50	18.51	18.61	18.56	18.52		
20	64QAM	100	0	18.61	18.69	18.56	18.56		
20	256QAM	1	0	16.69	16.74	16.61	16.66	17	5
20	256QAM	1	49	16.66	16.69	16.61	16.65		
20	256QAM	1	99	16.52	16.62	16.48	16.53		
20	256QAM	50	0	16.60	16.66	16.57	16.63	17	5
20	256QAM	50	24	16.52	16.61	16.54	16.55		
20	256QAM	50	50	16.39	16.54	16.41	16.44		
20	256QAM	100	0	16.57	16.61	16.50	16.55		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3587.5	3638	3642	3692.5		
15	QPSK	1	0	20.71	20.77	20.62	20.59	22	0
15	QPSK	1	37	20.60	20.69	20.60	20.51		
15	QPSK	1	74	20.60	20.62	20.55	20.49		
15	QPSK	36	0	20.48	20.50	20.48	20.47	21	1
15	QPSK	36	20	20.44	20.49	20.45	20.40		
15	QPSK	36	39	20.33	20.40	20.33	20.32		
15	QPSK	75	0	20.42	20.55	20.43	20.46		
15	16QAM	1	0	20.44	20.55	20.44	20.32	21	1
15	16QAM	1	37	20.40	20.50	20.35	20.36		
15	16QAM	1	74	20.34	20.39	20.21	20.28		
15	16QAM	36	0	19.46	19.51	19.45	19.46	20	2
15	16QAM	36	20	19.48	19.51	19.47	19.30		
15	16QAM	36	39	19.39	19.40	19.26	19.41		
15	16QAM	75	0	19.36	19.51	19.36	19.48		
15	64QAM	1	0	19.36	19.53	19.49	19.33	20	2
15	64QAM	1	37	19.41	19.45	19.33	19.36		
15	64QAM	1	74	19.26	19.41	19.29	19.30		
15	64QAM	36	0	18.55	18.67	18.56	18.59	19	3
15	64QAM	36	20	18.47	18.61	18.61	18.51		
15	64QAM	36	39	18.36	18.58	18.49	18.38		
15	64QAM	75	0	18.54	18.54	18.47	18.44		
15	256QAM	1	0	16.61	16.62	16.57	16.56	17	5
15	256QAM	1	37	16.60	16.65	16.47	16.56		
15	256QAM	1	74	16.42	16.48	16.37	16.44		
15	256QAM	36	0	16.52	16.62	16.54	16.58	17	5
15	256QAM	36	20	16.38	16.50	16.49	16.47		
15	256QAM	36	39	16.36	16.48	16.34	16.35		
15	256QAM	75	0	16.50	16.47	16.43	16.50		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3637.5	3642.5	3695		
10	QPSK	1	0	20.72	20.73	20.64	20.61	22	0
10	QPSK	1	25	20.65	20.66	20.59	20.52		
10	QPSK	1	49	20.59	20.60	20.54	20.52		
10	QPSK	25	0	20.38	20.61	20.47	20.44	21	1
10	QPSK	25	12	20.44	20.56	20.45	20.51		
10	QPSK	25	25	20.37	20.37	20.38	20.29		
10	QPSK	50	0	20.53	20.48	20.50	20.40		
10	16QAM	1	0	20.44	20.51	20.39	20.37	21	1
10	16QAM	1	25	20.40	20.46	20.35	20.33		
10	16QAM	1	49	20.31	20.38	20.29	20.28		
10	16QAM	25	0	19.38	19.50	19.51	19.42	20	2
10	16QAM	25	12	19.41	19.45	19.37	19.37		
10	16QAM	25	25	19.42	19.38	19.28	19.38		
10	16QAM	50	0	19.40	19.47	19.43	19.47		
10	64QAM	1	0	19.42	19.46	19.44	19.38	20	2
10	64QAM	1	25	19.35	19.44	19.35	19.36		
10	64QAM	1	49	19.27	19.33	19.27	19.31		
10	64QAM	25	0	18.64	18.60	18.61	18.62	19	3
10	64QAM	25	12	18.49	18.64	18.54	18.51		
10	64QAM	25	25	18.37	18.48	18.49	18.44		
10	64QAM	50	0	18.47	18.58	18.48	18.50		
10	256QAM	1	0	16.65	16.61	16.58	16.55	17	5
10	256QAM	1	25	16.63	16.58	16.51	16.51		
10	256QAM	1	49	16.40	16.50	16.45	16.41		
10	256QAM	25	0	16.49	16.58	16.42	16.49	17	5
10	256QAM	25	12	16.45	16.51	16.46	16.44		
10	256QAM	25	25	16.36	16.43	16.30	16.31		
10	256QAM	50	0	16.51	16.54	16.43	16.45		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3582.5	3637	3643	3697.5		
5	QPSK	1	0	20.73	20.81	20.57	20.61	22	0
5	QPSK	1	12	20.62	20.64	20.57	20.51		
5	QPSK	1	24	20.60	20.61	20.50	20.51		
5	QPSK	12	0	20.42	20.53	20.48	20.47	21	1
5	QPSK	12	7	20.47	20.52	20.42	20.48		
5	QPSK	12	13	20.31	20.40	20.35	20.34		
5	QPSK	25	0	20.44	20.57	20.44	20.43		
5	16QAM	1	0	20.36	20.46	20.39	20.34	21	1
5	16QAM	1	12	20.39	20.41	20.43	20.30		
5	16QAM	1	24	20.28	20.39	20.24	20.27		
5	16QAM	12	0	19.39	19.54	19.53	19.47	20	2
5	16QAM	12	7	19.40	19.55	19.45	19.34		
5	16QAM	12	13	19.39	19.40	19.31	19.34		
5	16QAM	25	0	19.42	19.48	19.42	19.43		
5	64QAM	1	0	19.35	19.51	19.42	19.40	20	2
5	64QAM	1	12	19.39	19.41	19.34	19.30		
5	64QAM	1	24	19.27	19.37	19.37	19.29		
5	64QAM	12	0	18.56	18.68	18.53	18.55	19	3
5	64QAM	12	7	18.48	18.61	18.58	18.53		
5	64QAM	12	13	18.46	18.56	18.50	18.46		
5	64QAM	25	0	18.47	18.57	18.50	18.42		
5	256QAM	1	0	16.56	16.66	16.56	16.56	17	5
5	256QAM	1	12	16.60	16.65	16.54	16.55		
5	256QAM	1	24	16.45	16.51	16.40	16.38		
5	256QAM	12	0	16.47	16.60	16.54	16.57	17	5
5	256QAM	12	7	16.48	16.53	16.43	16.51		
5	256QAM	12	13	16.30	16.45	16.27	16.32		
5	256QAM	25	0	16.53	16.49	16.44	16.45		

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	32.34	32.26	33.50	23.18	23.34	23.26	24.50
GPRS 1 Tx slot	32.23	32.38	32.30	33.50	23.23	23.38	23.30	24.50
GPRS 2 Tx slots	29.48	29.52	29.41	30.50	23.48	23.52	23.41	24.50
GPRS 3 Tx slots	27.74	27.85	27.79	29.00	23.48	23.59	23.53	24.74
GPRS 4 Tx slots	26.27	26.35	26.27	27.00	23.27	23.35	23.27	24.00
EDGE 1 Tx slot	25.13	25.18	25.08	26.00	16.13	16.18	16.08	17.00
EDGE 2 Tx slots	23.21	23.35	23.21	25.00	17.21	17.35	17.21	19.00
EDGE 3 Tx slots	22.19	22.30	22.27	24.00	17.93	18.04	18.01	19.74
EDGE 4 Tx slots	20.02	20.14	20.07	21.00	17.02	17.14	17.07	18.00

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	29.81	29.93	29.89	30.00	20.81	20.93	20.89	21.00
GPRS 1 Tx slot	29.85	29.97	29.93	30.00	20.85	20.97	20.93	21.00
GPRS 2 Tx slots	25.58	25.62	25.50	27.00	19.58	19.62	19.50	21.00
GPRS 3 Tx slots	23.66	23.69	23.61	25.50	19.40	19.43	19.35	21.24
GPRS 4 Tx slots	21.31	21.41	21.28	22.50	18.31	18.41	18.28	19.50
EDGE 1 Tx slot	23.45	23.54	23.51	25.00	14.45	14.54	14.51	16.00
EDGE 2 Tx slots	21.84	21.91	21.79	23.50	15.84	15.91	15.79	17.50
EDGE 3 Tx slots	20.63	20.69	20.56	22.50	16.37	16.43	16.30	18.24
EDGE 4 Tx slots	18.56	18.66	18.62	20.50	15.56	15.66	15.62	17.50

Band		WCDMA IV ANT1			Tune-up Limit (dBm)	WCDMA V ANT1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		4132	4182	4233	
Rx Channel		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1712.4	1732.8	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.87	21.75	21.70	23.10	22.40	22.46	22.30	24.00
3GPP Rel 99	RMC 12.2Kbps	21.85	21.90	21.84	23.10	22.43	22.49	22.37	24.00
3GPP Rel 6	HSDPA Subtest-1	20.94	21.05	20.90	22.10	21.55	21.60	21.37	23.00
3GPP Rel 6	HSDPA Subtest-2	20.91	20.86	20.82	22.10	21.47	21.50	21.47	23.00
3GPP Rel 6	HSDPA Subtest-3	20.21	20.42	20.39	21.60	20.86	21.05	21.00	22.50
3GPP Rel 6	HSDPA Subtest-4	20.34	20.49	20.39	21.60	20.85	21.15	20.90	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.87	21.17	20.74	22.10	21.47	21.68	21.28	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.84	20.88	20.62	22.10	21.42	21.42	21.34	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.47	20.36	20.30	21.60	21.02	20.85	20.93	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.22	20.18	20.38	21.60	20.82	20.75	20.99	22.50
3GPP Rel 6	HSUPA Subtest-1	20.88	21.01	21.10	22.10	21.51	21.56	21.61	23.00
3GPP Rel 6	HSUPA Subtest-2	18.83	18.95	18.82	20.10	19.41	19.49	19.39	21.00
3GPP Rel 6	HSUPA Subtest-3	19.86	19.91	19.81	21.10	20.54	20.48	20.44	22.00
3GPP Rel 6	HSUPA Subtest-4	18.82	18.87	18.88	20.10	19.37	19.45	19.37	21.00
3GPP Rel 6	HSUPA Subtest-5	21.09	20.70	20.78	22.10	21.58	21.32	21.38	23.00

Band 4 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.30	21.36	21.27	22	0
20	QPSK	1	49	21.11	21.25	21.16		
20	QPSK	1	99	21.08	21.19	21.27		
20	QPSK	50	0	21.12	21.33	21.16		
20	QPSK	50	24	21.09	21.15	21.02	22	0
20	QPSK	50	50	20.97	21.16	21.04		
20	QPSK	100	0	21.18	21.31	21.18		
20	16QAM	1	0	21.14	21.21	21.05		
20	16QAM	1	49	20.92	21.00	21.11	22	0
20	16QAM	1	99	21.11	21.28	21.06		
20	16QAM	50	0	19.49	19.67	19.49		
20	16QAM	50	24	19.47	19.61	19.58	21	1
20	16QAM	50	50	19.56	19.59	19.56		
20	16QAM	100	0	19.45	19.54	19.53		
20	64QAM	1	0	19.46	19.58	19.37		
20	64QAM	1	49	19.41	19.47	19.44	21	1
20	64QAM	1	99	19.39	19.34	19.33		
20	64QAM	50	0	18.52	18.55	18.49		
20	64QAM	50	24	18.53	18.55	18.51	20	2
20	64QAM	50	50	18.47	18.50	18.45		
20	64QAM	100	0	18.39	18.42	18.50		
20	256QAM	1	0	16.44	16.60	16.56		
20	256QAM	1	49	16.51	16.59	16.54	18	4
20	256QAM	1	99	16.41	16.49	16.41		
20	256QAM	50	0	16.55	16.57	16.60		
20	256QAM	50	24	16.49	16.62	16.37	18	4
20	256QAM	50	50	16.41	16.48	16.26		
20	256QAM	100	0	16.43	16.56	16.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.24	21.25	21.12	22	0
15	QPSK	1	37	20.94	21.04	21.11		
15	QPSK	1	74	20.93	21.10	21.16		
15	QPSK	36	0	21.06	21.24	20.97		
15	QPSK	36	20	20.92	21.08	20.97	22	0
15	QPSK	36	39	20.88	21.01	20.90		
15	QPSK	75	0	20.99	21.22	21.00		
15	16QAM	1	0	21.01	21.08	20.89		
15	16QAM	1	37	20.74	20.91	20.96	22	0
15	16QAM	1	74	20.94	21.24	20.96		
15	16QAM	36	0	19.38	19.50	19.39		
15	16QAM	36	20	19.40	19.55	19.46	21	1
15	16QAM	36	39	19.42	19.52	19.52		
15	16QAM	75	0	19.28	19.42	19.39		
15	64QAM	1	0	19.28	19.40	19.28		
15	64QAM	1	37	19.30	19.37	19.39	21	1
15	64QAM	1	74	19.21	19.29	19.29		
15	64QAM	36	0	18.33	18.40	18.37		
15	64QAM	36	20	18.35	18.41	18.40	20	2
15	64QAM	36	39	18.31	18.41	18.39		
15	64QAM	75	0	18.24	18.26	18.37		
15	256QAM	1	0	16.34	16.51	16.39		
15	256QAM	1	37	16.46	16.56	16.36	18	4
15	256QAM	1	74	16.35	16.42	16.29		
15	256QAM	36	0	16.48	16.50	16.55		
15	256QAM	36	20	16.34	16.56	16.29	18	4
15	256QAM	36	39	16.37	16.36	16.18		
15	256QAM	75	0	16.30	16.44	16.21		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.20	21.26	21.10	22	0
10	QPSK	1	25	20.99	21.05	21.11		
10	QPSK	1	49	20.95	21.03	21.11		
10	QPSK	25	0	20.93	21.14	20.96		
10	QPSK	25	12	20.95	21.01	20.84	22	0
10	QPSK	25	25	20.81	20.97	20.96		
10	QPSK	50	0	21.07	21.26	21.06		
10	16QAM	1	0	21.05	21.06	20.88		
10	16QAM	1	25	20.73	20.87	20.94	22	0
10	16QAM	1	49	20.46	21.09	20.87		
10	16QAM	25	0	19.41	19.59	19.31		
10	16QAM	25	12	19.42	19.56	19.50	21	1
10	16QAM	25	25	19.48	19.52	19.39		
10	16QAM	50	0	19.28	19.35	19.42		
10	64QAM	1	0	19.30	19.52	19.31		
10	64QAM	1	25	19.26	19.40	19.36	21	1
10	64QAM	1	49	19.21	19.22	19.24		
10	64QAM	25	0	18.41	18.45	18.40		
10	64QAM	25	12	18.35	18.45	18.33	20	2
10	64QAM	25	25	18.36	18.36	18.36		
10	64QAM	50	0	18.26	18.35	18.34		
10	256QAM	1	0	16.55	16.55	16.44		
10	256QAM	1	25	16.43	16.45	16.39	18	4
10	256QAM	1	49	16.34	16.35	16.36		
10	256QAM	25	0	16.48	16.41	16.50		
10	256QAM	25	12	16.41	16.43	16.20	18	4
10	256QAM	25	25	16.29	16.33	16.18		
10	256QAM	50	0	16.35	16.41	16.31		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.10	21.16	21.13	22	0
5	QPSK	1	12	21.01	21.05	21.04		
5	QPSK	1	24	20.91	21.02	21.13		
5	QPSK	12	0	20.99	21.19	21.04	22	0
5	QPSK	12	7	20.99	21.09	20.87		
5	QPSK	12	13	20.87	21.05	20.99		
5	QPSK	25	0	21.03	21.15	21.09		
5	16QAM	1	0	21.00	21.10	20.99	22	0
5	16QAM	1	12	20.75	20.87	20.93		
5	16QAM	1	24	21.01	21.15	20.89		
5	16QAM	12	0	19.36	19.58	19.38		
5	16QAM	12	7	19.30	19.41	19.40	21	1
5	16QAM	12	13	19.36	19.42	19.50		
5	16QAM	25	0	19.31	19.44	19.46		
5	64QAM	1	0	19.26	19.39	19.18		
5	64QAM	1	12	19.22	19.30	19.25	21	1
5	64QAM	1	24	19.22	19.35	19.20		
5	64QAM	12	0	18.39	18.50	18.32		
5	64QAM	12	7	18.39	18.51	18.43	20	2
5	64QAM	12	13	18.41	18.38	18.32		
5	64QAM	25	0	18.20	18.29	18.36		
5	256QAM	1	0	16.31	16.43	16.37		
5	256QAM	1	12	16.46	16.44	16.47	18	4
5	256QAM	1	24	16.26	16.33	16.24		
5	256QAM	12	0	16.43	16.42	16.40		
5	256QAM	12	7	16.43	16.46	16.24	18	4
5	256QAM	12	13	16.27	16.32	16.20		
5	256QAM	25	0	16.37	16.37	16.22		
Channel				19925	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.20	21.22	21.19	22	0
3	QPSK	1	8	20.97	21.14	21.02		
3	QPSK	1	14	20.98	21.11	21.21		
3	QPSK	8	0	21.03	21.28	20.97	22	0
3	QPSK	8	4	20.98	21.02	20.88		
3	QPSK	8	7	20.83	21.09	20.98		
3	QPSK	15	0	21.04	21.13	21.08		
3	16QAM	1	0	21.04	21.02	20.87		
3	16QAM	1	8	20.85	20.93	20.98	22	0
3	16QAM	1	14	21.01	21.16	20.99		
3	16QAM	8	0	19.40	19.58	19.30		
3	16QAM	8	4	19.41	19.47	19.45	21	1
3	16QAM	8	7	19.50	19.47	19.46		
3	16QAM	15	0	19.37	19.34	19.46		
3	64QAM	1	0	19.25	19.49	19.28		
3	64QAM	1	8	19.29	19.34	19.31	21	1
3	64QAM	1	14	19.23	19.14	19.15		
3	64QAM	8	0	18.39	18.49	18.30		
3	64QAM	8	4	18.38	18.35	18.43	20	2
3	64QAM	8	7	18.35	18.40	18.28		
3	64QAM	15	0	18.21	18.30	18.33		
3	256QAM	1	0	16.28	16.43	16.38		
3	256QAM	1	8	16.43	16.45	16.39	18	4
3	256QAM	1	14	16.30	16.33	16.30		
3	256QAM	8	0	16.44	16.46	16.53		
3	256QAM	8	4	16.37	16.52	16.26	18	4
3	256QAM	8	7	16.29	16.37	16.18		
3	256QAM	15	0	16.36	16.48	16.32		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.22	21.20	21.17	22	0
1.4	QPSK	1	3	21.17	21.31	21.08		
1.4	QPSK	1	5	21.04	21.16	21.13		
1.4	QPSK	3	0	21.14	21.11	21.03		
1.4	QPSK	3	1	21.01	21.09	20.92		
1.4	QPSK	3	3	21.00	21.01	21.04		
1.4	QPSK	6	0	21.10	21.14	21.09	22	0
1.4	16QAM	1	0	21.08	21.08	20.93	22	0
1.4	16QAM	1	3	20.79	20.93	21.10		
1.4	16QAM	1	5	21.14	21.02	20.88		
1.4	16QAM	3	0	21.05	20.94	20.88		
1.4	16QAM	3	1	20.76	20.78	21.08		
1.4	16QAM	3	3	21.08	20.89	20.89		
1.4	16QAM	6	0	19.50	19.57	19.48	21	1
1.4	64QAM	1	0	19.18	19.45	19.38	21	1
1.4	64QAM	1	3	19.41	19.44	19.34		
1.4	64QAM	1	5	19.26	19.39	19.25		
1.4	64QAM	3	0	19.13	19.34	19.23		
1.4	64QAM	3	1	19.23	19.42	19.28		
1.4	64QAM	3	3	19.24	19.20	19.20		
1.4	64QAM	6	0	18.20	18.45	18.34	20	2
1.4	256QAM	1	0	16.33	16.45	16.37	18	4
1.4	256QAM	1	3	16.58	16.49	16.44		
1.4	256QAM	1	5	16.32	16.31	16.32		
1.4	256QAM	3	0	16.46	16.43	16.37		
1.4	256QAM	3	1	16.47	16.39	16.30		
1.4	256QAM	3	3	16.32	16.42	16.34		
1.4	256QAM	6	0	16.27	16.56	16.28	18	4

Band 5 Ant 1

BW [MHz]	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	21.31	21.26	22	0
10	QPSK	1	25	21.16	21.28	21.20		
10	QPSK	1	49	21.08	21.15	21.12		
10	QPSK	25	0	20.29	20.34	20.23		
10	QPSK	25	12	20.21	20.29	20.16	21	1
10	QPSK	25	25	20.15	20.22	20.17		
10	QPSK	50	0	20.15	20.25	20.15		
10	16QAM	1	0	20.13	20.21	20.08		
10	16QAM	1	25	20.01	20.16	20.13	21	1
10	16QAM	1	49	20.03	20.09	20.00		
10	16QAM	25	0	19.30	19.42	19.30		
10	16QAM	25	12	19.30	19.37	19.32	20	2
10	16QAM	25	25	19.26	19.30	19.23		
10	16QAM	50	0	19.26	19.37	19.27		
10	64QAM	1	0	19.22	19.33	19.24		
10	64QAM	1	25	19.16	19.28	19.21	20	2
10	64QAM	1	49	19.09	19.21	19.08		
10	64QAM	25	0	18.37	18.44	18.36		
10	64QAM	25	12	18.26	18.39	18.31	19	3
10	64QAM	25	25	18.26	18.32	18.17		
10	64QAM	50	0	18.36	18.40	18.30		
10	256QAM	1	0	16.37	16.47	16.32		
10	256QAM	1	25	16.30	16.42	16.30	17	5
10	256QAM	1	49	16.24	16.35	16.27		
10	256QAM	25	0	16.36	16.42	16.33		
10	256QAM	25	12	16.31	16.37	16.30	17	5
10	256QAM	25	25	16.15	16.30	16.21		
10	256QAM	50	0	16.28	16.35	16.22		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.11	21.24	21.22	22	0
5	QPSK	1	12	21.07	21.16	21.05		
5	QPSK	1	24	20.99	21.04	21.08		
5	QPSK	12	0	20.20	20.31	20.10	21	1
5	QPSK	12	7	20.18	20.15	20.12		
5	QPSK	12	13	20.09	20.15	20.09		
5	QPSK	25	0	20.03	20.21	20.05		
5	16QAM	1	0	20.07	20.13	20.03	21	1
5	16QAM	1	12	19.88	20.04	20.06		
5	16QAM	1	24	19.93	20.02	19.96		
5	16QAM	12	0	19.21	19.35	19.19	20	2
5	16QAM	12	7	19.22	19.29	19.19		
5	16QAM	12	13	19.23	19.26	19.17		
5	16QAM	25	0	19.11	19.23	19.13		
5	64QAM	1	0	19.21	19.23	19.21	20	2
5	64QAM	1	12	19.03	19.16	19.13		
5	64QAM	1	24	19.00	19.16	18.94		
5	64QAM	12	0	18.33	18.34	18.28	19	3
5	64QAM	12	7	18.11	18.36	18.18		
5	64QAM	12	13	18.20	18.22	18.03		
5	64QAM	25	0	18.29	18.35	18.16		
5	256QAM	1	0	16.24	16.39	16.26	17	5
5	256QAM	1	12	16.20	16.27	16.23		
5	256QAM	1	24	16.20	16.29	16.20		
5	256QAM	12	0	16.31	16.32	16.27	17	5
5	256QAM	12	7	16.25	16.24	16.24		
5	256QAM	12	13	16.09	16.19	16.12		
5	256QAM	25	0	16.15	16.20	16.12		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.16	21.27	21.16	22	0
3	QPSK	1	8	21.11	21.21	21.09		
3	QPSK	1	14	20.95	21.00	21.03		
3	QPSK	8	0	20.24	20.29	20.18	21	1
3	QPSK	8	4	20.13	20.25	20.09		
3	QPSK	8	7	20.06	20.15	20.11		
3	QPSK	15	0	20.01	20.19	20.02		
3	16QAM	1	0	20.00	20.17	19.95	21	1
3	16QAM	1	8	19.90	20.08	20.10		
3	16QAM	1	14	19.88	19.99	19.89		
3	16QAM	8	0	19.26	19.33	19.19	20	2
3	16QAM	8	4	19.26	19.23	19.19		
3	16QAM	8	7	19.12	19.18	19.10		
3	16QAM	15	0	19.15	19.25	19.20		
3	64QAM	1	0	19.18	19.29	19.11	20	2
3	64QAM	1	8	19.02	19.17	19.15		
3	64QAM	1	14	19.00	19.18	18.97		
3	64QAM	8	0	18.32	18.38	18.29	19	3
3	64QAM	8	4	18.14	18.30	18.19		
3	64QAM	8	7	18.12	18.22	18.14		
3	64QAM	15	0	18.31	18.25	18.20		
3	256QAM	1	0	16.23	16.35	16.21	17	5
3	256QAM	1	8	16.18	16.34	16.27		
3	256QAM	1	14	16.13	16.30	16.14		
3	256QAM	8	0	16.23	16.37	16.27	17	5
3	256QAM	8	4	16.19	16.23	16.13		
3	256QAM	8	7	16.03	16.19	16.12		
3	256QAM	15	0	16.20	16.31	16.14		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.14	21.17	21.23	22	0
1.4	QPSK	1	3	21.11	21.18	21.16		
1.4	QPSK	1	5	21.00	21.12	20.98		
1.4	QPSK	3	0	21.09	21.11	21.06		
1.4	QPSK	3	1	21.08	21.01	20.96		
1.4	QPSK	3	3	20.85	20.95	20.94		
1.4	QPSK	6	0	20.24	20.28	20.18	21	1
1.4	16QAM	1	0	20.09	20.26	20.09	21	1
1.4	16QAM	1	3	20.09	20.09	20.12		
1.4	16QAM	1	5	20.05	20.22	20.05		
1.4	16QAM	3	0	20.02	20.08	19.96		
1.4	16QAM	3	1	19.97	20.09	20.07		
1.4	16QAM	3	3	19.97	20.00	19.93		
1.4	16QAM	6	0	19.20	19.36	19.23	20	2
1.4	64QAM	1	0	19.17	19.32	19.17	20	2
1.4	64QAM	1	3	19.14	19.16	19.15		
1.4	64QAM	1	5	19.18	19.32	19.20		
1.4	64QAM	3	0	19.17	19.25	19.16		
1.4	64QAM	3	1	19.13	19.13	19.06		
1.4	64QAM	3	3	18.98	19.09	18.97		
1.4	64QAM	6	0	18.26	18.38	18.27	19	3
1.4	256QAM	1	0	16.33	16.37	16.27	17	5
1.4	256QAM	1	3	16.23	16.33	16.21		
1.4	256QAM	1	5	16.20	16.21	16.15		
1.4	256QAM	3	0	16.24	16.32	16.21		
1.4	256QAM	3	1	16.27	16.27	16.26		
1.4	256QAM	3	3	16.00	16.27	16.13		
1.4	256QAM	6	0	16.14	16.23	16.16	17	5

Band 7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.85	18.90	18.81	20.2	0
20	QPSK	1	49	18.77	18.87	18.83		
20	QPSK	1	99	18.75	18.80	18.80		
20	QPSK	50	0	18.85	18.88	18.79		
20	QPSK	50	24	18.79	18.80	18.82	20.2	0
20	QPSK	50	50	18.66	18.78	18.77		
20	QPSK	100	0	18.77	18.77	18.79		
20	16QAM	1	0	18.83	18.83	18.65		
20	16QAM	1	49	18.69	18.81	18.72	20.2	0
20	16QAM	1	99	18.62	18.77	18.69		
20	16QAM	50	0	18.81	18.86	18.71		
20	16QAM	50	24	18.69	18.75	18.78	20.2	0
20	16QAM	50	50	18.59	18.74	18.70		
20	16QAM	100	0	18.68	18.75	18.62		
20	64QAM	1	0	18.74	18.80	18.78		
20	64QAM	1	49	18.65	18.73	18.76	20.2	0
20	64QAM	1	99	18.59	18.77	18.73		
20	64QAM	50	0	18.81	18.81	18.71		
20	64QAM	50	24	18.65	18.70	18.79	20	0.2
20	64QAM	50	50	18.55	18.75	18.73		
20	64QAM	100	0	18.61	18.65	18.73		
20	256QAM	1	0	16.69	16.73	16.65		
20	256QAM	1	49	16.53	16.74	16.70	18	2.2
20	256QAM	1	99	16.58	16.53	16.63		
20	256QAM	50	0	16.66	16.71	16.58		
20	256QAM	50	24	16.65	16.57	16.63	18	2.2
20	256QAM	50	50	16.49	16.57	16.63		
20	256QAM	100	0	16.61	16.62	16.59		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.72	18.86	18.71	20.2	0
15	QPSK	1	37	18.74	18.86	18.83		
15	QPSK	1	74	18.76	18.78	18.78		
15	QPSK	36	0	18.84	18.76	18.69		
15	QPSK	36	20	18.74	18.69	18.77	20.2	0
15	QPSK	36	39	18.66	18.69	18.65		
15	QPSK	75	0	18.76	18.75	18.73		
15	16QAM	1	0	18.81	18.71	18.61		
15	16QAM	1	37	18.66	18.76	18.70	20.2	0
15	16QAM	1	74	18.55	18.73	18.60		
15	16QAM	36	0	18.82	18.85	18.61		
15	16QAM	36	20	18.56	18.62	18.69	20.2	0
15	16QAM	36	39	18.57	18.69	18.57		
15	16QAM	75	0	18.58	18.74	18.60		
15	64QAM	1	0	18.70	18.82	18.78		
15	64QAM	1	37	18.63	18.70	18.67	20.2	0
15	64QAM	1	74	18.61	18.78	18.69		
15	64QAM	36	0	18.76	18.74	18.62		
15	64QAM	36	20	18.63	18.65	18.79	20	0.2
15	64QAM	36	39	18.52	18.65	18.71		
15	64QAM	75	0	18.47	18.65	18.63		
15	256QAM	1	0	16.69	16.61	16.61		
15	256QAM	1	37	16.49	16.66	16.72	18	2.2
15	256QAM	1	74	16.46	16.43	16.58		
15	256QAM	36	0	16.64	16.67	16.49		
15	256QAM	36	20	16.57	16.46	16.52	18	2.2
15	256QAM	36	39	16.43	16.53	16.58		
15	256QAM	75	0	16.57	16.59	16.47		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.87	18.85	18.77	20.2	0
10	QPSK	1	25	18.77	18.84	18.83		
10	QPSK	1	49	18.68	18.70	18.73		
10	QPSK	25	0	18.76	18.77	18.77		
10	QPSK	25	12	18.72	18.74	18.83	20.2	0
10	QPSK	25	25	18.68	18.76	18.72		
10	QPSK	50	0	18.77	18.81	18.67		
10	16QAM	1	0	18.82	18.77	18.59		
10	16QAM	1	25	18.58	18.73	18.60	20.2	0
10	16QAM	1	49	18.56	18.70	18.57		
10	16QAM	25	0	18.69	18.74	18.69		
10	16QAM	25	12	18.63	18.61	18.78	20.2	0
10	16QAM	25	25	18.57	18.69	18.71		
10	16QAM	50	0

Band 13 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.31		23	0
10	QPSK	1	25		21.26			
10	QPSK	1	49		21.23			
10	QPSK	25	0		20.43		22	1
10	QPSK	25	12		20.38			
10	QPSK	25	25		20.33			
10	QPSK	50	0		20.38			
10	16QAM	1	0		20.32		22	1
10	16QAM	1	25		20.27			
10	16QAM	1	49		20.24			
10	16QAM	25	0		19.53		21	2
10	16QAM	25	12		19.48			
10	16QAM	25	25		19.36			
10	16QAM	50	0		19.47			
10	64QAM	1	0		19.40		21	2
10	64QAM	1	25		19.35			
10	64QAM	1	49		19.22			
10	64QAM	25	0		18.48		20	3
10	64QAM	25	12		18.43			
10	64QAM	25	25		18.39			
10	64QAM	50	0		18.41			
10	256QAM	1	0		16.50		18	5
10	256QAM	1	25		16.45			
10	256QAM	1	49		16.37			
10	256QAM	25	0		16.45		18	5
10	256QAM	25	12		16.40			
10	256QAM	25	25		16.36			
10	256QAM	50	0		16.42			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.20	21.27	21.13	23	0
5	QPSK	1	12	21.15	21.20	21.11		
5	QPSK	1	24	21.22	21.29	21.20		
5	QPSK	12	0	20.19	20.30	20.16	22	1
5	QPSK	12	7	20.23	20.30	20.24		
5	QPSK	12	13	20.26	20.29	20.25		
5	QPSK	25	0	20.25	20.32	20.29		
5	16QAM	1	0	20.24	20.29	20.18	22	1
5	16QAM	1	12	20.14	20.19	20.13		
5	16QAM	1	24	20.02	20.11	20.06		
5	16QAM	12	0	19.30	19.42	19.37	21	2
5	16QAM	12	7	19.38	19.44	19.36		
5	16QAM	12	13	19.14	19.22	19.15		
5	16QAM	25	0	19.30	19.44	19.30		
5	64QAM	1	0	19.13	19.28	19.21	21	2
5	64QAM	1	12	19.21	19.25	19.15		
5	64QAM	1	24	19.03	19.11	19.07		
5	64QAM	12	0	18.35	18.44	18.40	20	3
5	64QAM	12	7	18.31	18.36	18.22		
5	64QAM	12	13	18.31	18.36	18.24		
5	64QAM	25	0	18.24	18.37	18.25		
5	256QAM	1	0	16.33	16.38	16.29	18	5
5	256QAM	1	12	16.31	16.35	16.30		
5	256QAM	1	24	16.17	16.28	16.22		
5	256QAM	12	0	16.28	16.39	16.35	18	5
5	256QAM	12	7	16.22	16.36	16.24		
5	256QAM	12	13	16.19	16.27	16.15		
5	256QAM	25	0	16.16	16.27	16.21		

Band 17 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.61	21.65	21.57	23	0
10	QPSK	1	25	21.55	21.64	21.63		
10	QPSK	1	49	21.59	21.62	21.54		
10	QPSK	25	0	20.68	20.72	20.67	22	1
10	QPSK	25	12	20.57	20.67	20.59		
10	QPSK	25	25	20.53	20.60	20.48		
10	QPSK	50	0	20.53	20.66	20.53		
10	16QAM	1	0	20.46	20.59	20.48	22	1
10	16QAM	1	25	20.39	20.54	20.46		
10	16QAM	1	49	20.42	20.47	20.38		
10	16QAM	25	0	19.62	19.68	19.62	21	2
10	16QAM	25	12	19.55	19.63	19.49		
10	16QAM	25	25	19.52	19.56	19.44		
10	16QAM	50	0	19.56	19.62	19.55		
10	64QAM	1	0	19.42	19.55	19.43	21	2
10	64QAM	1	25	19.43	19.50	19.35		
10	64QAM	1	49	19.33	19.43	19.30		
10	64QAM	25	0	18.69	18.76	18.69	20	3
10	64QAM	25	12	18.62	18.71	18.59		
10	64QAM	25	25	18.51	18.64	18.53		
10	64QAM	50	0	18.58	18.71	18.60		
10	256QAM	1	0	16.67	16.77	16.65	18	5
10	256QAM	1	25	16.65	16.72	16.62		
10	256QAM	1	49	16.55	16.65	16.59		
10	256QAM	25	0	16.64	16.72	16.62	18	5
10	256QAM	25	12	16.53	16.67	16.57		
10	256QAM	25	25	16.50	16.60	16.50		
10	256QAM	50	0	16.61	16.65	16.60		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.47	21.58	21.41	23	0
5	QPSK	1	12	21.38	21.37	21.31		
5	QPSK	1	24	21.42	21.43	21.33		
5	QPSK	12	0	20.59	20.62	20.55	22	1
5	QPSK	12	7	20.54	20.53	20.54		
5	QPSK	12	13	20.48	20.54	20.44		
5	QPSK	25	0	20.49	20.56	20.49		
5	16QAM	1	0	20.34	20.48	20.34	22	1
5	16QAM	1	12	20.32	20.49	20.41		
5	16QAM	1	24	20.39	20.39	20.25		
5	16QAM	12	0	19.51	19.54	19.56	21	2
5	16QAM	12	7	19.45	19.48	19.36		
5	16QAM	12	13	19.46	19.46	19.39		
5	16QAM	25	0	19.43	19.52	19.43		
5	64QAM	1	0	19.36	19.41	19.31	21	2
5	64QAM	1	12	19.32	19.37	19.28		
5	64QAM	1	24	19.24	19.29	19.18		
5	64QAM	12	0	18.56	18.68	18.66	20	3
5	64QAM	12	7	18.50	18.65	18.51		
5	64QAM	12	13	18.37	18.52	18.42		
5	64QAM	25	0	18.46	18.60	18.48		
5	256QAM	1	0	16.55	16.63	16.50	18	5
5	256QAM	1	12	16.57	16.66	16.52		
5	256QAM	1	24	16.40	16.59	16.50		
5	256QAM	12	0	16.51	16.63	16.55	18	5
5	256QAM	12	7	16.43	16.56	16.53		
5	256QAM	12	13	16.41	16.52	16.49		
5	256QAM	25	0	16.52	16.54	16.57		

Band 26 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.32	21.38	21.29	22	0
15	QPSK	1	37	21.17	21.27	21.14		
15	QPSK	1	74	21.14	21.24	21.10		
15	QPSK	36	0	20.28	20.32	20.28	21	1
15	QPSK	36	20	20.21	20.27	20.14		
15	QPSK	36	39	20.17	20.20	20.12		
15	QPSK	75	0	20.24	20.27	20.17		
15	16QAM	1	0	20.19	20.22	20.19	21	1
15	16QAM	1	37	20.10	20.17	20.13		
15	16QAM	1	74	19.99	20.10	20.04		
15	16QAM	36	0	19.24	19.27	19.22	20	2
15	16QAM	36	20	19.26	19.32	19.22		
15	16QAM	36	39	19.14	19.25	19.13		
15	16QAM	75	0	19.20	19.30	19.21		
15	64QAM	1	0	19.16	19.23	19.15	20	2
15	64QAM	1	37	19.15	19.18	19.04		
15	64QAM	1	74	19.05	19.11	19.00		
15	64QAM	36	0	18.25	18.36	18.22	19	3
15	64QAM	36	20	18.19	18.31	18.17		
15	64QAM	36	39	18.13	18.24	18.14		
15	64QAM	75	0	18.19	18.32	18.29	17	5
15	256QAM	1	0	16.31	16.38	16.30		
15	256QAM	1	37	16.28	16.33	16.28		
15	256QAM	1	74	16.16	16.26	16.13		
15	256QAM	36	0	16.26	16.33	16.19	17	5
15	256QAM	36	20	16.17	16.28	16.21		
15	256QAM	36	39	16.11	16.21	16.17		
15	256QAM	75	0	16.15	16.26	16.22		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.20	21.26	21.26	22	0
10	QPSK	1	25	21.13	21.15	21.01		
10	QPSK	1	49	21.10	21.14	21.04		
10	QPSK	25	0	20.24	20.20	20.24	21	1
10	QPSK	25	12	20.17	20.23	19.99		
10	QPSK	25	25	20.03	20.12	20.08		
10	QPSK	50	0	20.14	20.15	20.02		
10	16QAM	1	0	20.07	20.18	20.04	21	1
10	16QAM	1	25	20.05	20.08	20.07		
10	16QAM	1	49	19.88	20.00	19.97		
10	16QAM	25	0	19.18	19.31	19.10	20	2
10	16QAM	25	12	19.12	19.23	19.17		
10	16QAM	25	25	19.08	19.15	19.03		
10	16QAM	50	0	19.09	19.27	19.13		
10	64QAM	1	0	19.01	19.17	19.02	20	2
10	64QAM	1	25	19.11	19.13	18.98		
10	64QAM	1	49	18.91	19.07	18.97		
10	64QAM	25	0	18.19	18.31	18.10	19	3
10	64QAM	25	12	18.09	18.24	18.05		
10	64QAM	25	25	18.06	18.19	18.07		
10	64QAM	50	0	18.07	18.22	18.23		
10	256QAM	1	0	16.24	16.27	16.19	17	5
10	256QAM	1	25	16.17	16.27	16.16		
10	256QAM	1	49	16.05	16.18	16.05		
10	256QAM	25	0	16.22	16.24	16.05	17	5
10	256QAM	25	12	16.09	16.23	16.16		
10	256QAM	25	25	16.03	16.06	15.94		
10	256QAM	50	0	16.06	16.22	16.08		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.19	21.24	21.20	22	0
5	QPSK	1	12	21.11	21.12	21.05		
5	QPSK	1	24	21.09	21.09	20.96		
5	QPSK	12	0	20.24	20.26	20.23	21	1
5	QPSK	12	7	20.17	20.13	20.09		
5	QPSK	12	13	20.07	20.11	20.04		
5	QPSK	25	0	20.14	20.12	20.13		
5	16QAM	1	0	20.10	20.17	20.08	21	1
5	16QAM	1	12	19.96	20.09	20.05		
5	16QAM	1	24	19.85	20.04	19.91		
5	16QAM	12	0	19.21	19.25	19.13	20	2
5	16QAM	12	7	19.14	19.21	19.19		
5	16QAM	12	13	19.09	19.14	19.06		
5	16QAM	25	0	19.16	19.18	19.07		
5	64QAM	1	0	19.11	19.15	19.06	20	2
5	64QAM	1	12	19.00	19.09	18.92		
5	64QAM	1	24	19.00	18.98	18.92		
5	64QAM	12	0	18.16	18.26	18.13	19	3
5	64QAM	12	7	18.09	18.26	18.11		
5	64QAM	12	13	17.98	18.15	18.03		
5	64QAM	25	0	18.10	18.22	18.18		
5	256QAM	1	0	16.24	16.34	16.17	17	5
5	256QAM	1	12	16.18	16.27	16.17		
5	256QAM	1	24	16.11	16.20	16.00		
5	256QAM	12	0	16.22	16.19	16.06	17	5
5	256QAM	12	7	16.13	16.17	16.09		
5	256QAM	12	13	16.01	16.12	15.92		
5	256QAM	25	0	16.03	16.20	16.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.23	21.32	21.17	22	0
3	QPSK	1	8	21.07	21.20	21.08		
3	QPSK	1	14	21.09	21.15	20.96		
3	QPSK	8	0	20.16	20.20	20.16	21	1
3	QPSK	8	4	20.09	20.12	20.05		
3	QPSK	8	7	20.09	20.10	20.02		
3	QPSK	15	0	20.19	20.20	20.07		
3	16QAM	1	0	20.15	20.18	20.04	21	1
3	16QAM	1	8	20.03	20.06	20.07		
3	16QAM	1	14	19.95	19.96	20.01		
3	16QAM	8	0	19.13	19.33	19.12	20	2
3	16QAM	8	4	19.23	19.24	19.10		
3	16QAM	8	7	18.99	19.12	18.99		
3	16QAM	15	0	19.10	19.25	19.09		
3	64QAM	1	0	19.11	19.14	19.05	20	2
3	64QAM	1	8	19.06	19.03	18.92		
3	64QAM	1	14	18.93	18.97	18.91		
3	64QAM	8	0	18.11	18.31	18.19	19	3
3	64QAM	8	4	18.10	18.18	18.03		
3	64QAM	8	7	18.03	18.17	18.03		
3	64QAM	15	0	18.04	18.29	18.15		
3	256QAM	1	0	16.25	16.26	16.24	17	5
3	256QAM	1	8	16.23	16.21	16.21		
3	256QAM	1	14	16.03	16.23	16.01		
3	256QAM	8	0	16.23	16.22	16.15	17	5
3	256QAM	8	4	16.02	16.22	16.06		
3	256QAM	8	7	16.02	16.12	15.92		
3	256QAM	15	0	16.08	16.12	16.14		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.20	21.28	21.17	22	0
1.4	QPSK	1	3	21.11	21.21	21.01		
1.4	QPSK	1	5	21.04	21.14	21.02		
1.4	QPSK	3	0	21.05	21.26	21.04		
1.4	QPSK	3	1	21.09	21.08	21.04		
1.4	QPSK	3	3	20.99	21.14	21.03		
1.4	QPSK	6	0	20.15	20.21	20.21	21	1
1.4	16QAM	1	0	20.09	20.19	20.03	21	1
1.4	16QAM	1	3	20.08	20.06	20.09		
1.4	16QAM	1	5	20.16	20.16	20.10		
1.4	16QAM	3	0	20.07	20.15	20.08		
1.4	16QAM	3	1	20.03	20.05	20.06		
1.4	16QAM	3	3	19.85	19.96	19.96		
1.4	16QAM	6	0	19.10	19.25	19.10	20	2
1.4	64QAM	1	0	19.11	19.18	19.16	20	2
1.4	64QAM	1	3	19.09	19.10	19.07		
1.4	64QAM	1	5	19.13	19.19	19.15		
1.4	64QAM	3	0	19.10	19.08	19.06		
1.4	64QAM	3	1	19.08	19.12	18.93		
1.4	64QAM	3	3	18.98	19.00	18.90		
1.4	64QAM	6	0	18.15	18.25	18.16	19	3
1.4	256QAM	1	0	16.20	16.30	16.16	17	5
1.4	256QAM	1	3	16.19	16.24	16.23		
1.4	256QAM	1	5	16.11	16.18	16.02		
1.4	256QAM	3	0	16.23	16.25	16.09		
1.4	256QAM	3	1	16.09	16.17	16.07		
1.4	256QAM	3	3	16.00	16.08	15.99		
1.4	256QAM	6	0	16.04	16.21	16.11	17	5

Band 66 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.35	21.43	21.38	22	0
20	QPSK	1	49	21.30	21.36	21.24		
20	QPSK	1	99	21.21	21.30	21.34		
20	QPSK	50	0	21.31	21.42	21.28	22	0
20	QPSK	50	24	21.28	21.25	21.10		
20	QPSK	50	50	21.12	21.23	21.23		
20	QPSK	100	0	21.34	21.38	21.27		
20	16QAM	1	0	21.26	21.27	21.13	22	0
20	16QAM	1	49	21.07	21.16	21.18		
20	16QAM	1	99	21.30	21.33	21.11		
20	16QAM	50	0	19.64	19.78	19.68	21	1
20	16QAM	50	24	19.63	19.73	19.63		
20	16QAM	50	50	19.63	19.66	19.61		
20	16QAM	100	0	19.64	19.71	19.68		
20	64QAM	1	0	19.52	19.64	19.49	21	1
20	64QAM	1	49	19.51	19.59	19.52		
20	64QAM	1	99	19.45	19.52	19.41		
20	64QAM	50	0	18.61	18.69	18.54	20	2
20	64QAM	50	24	18.58	18.64	18.61		
20	64QAM	50	50	18.53	18.57	18.51		
20	64QAM	100	0	18.52	18.62	18.54		
20	256QAM	1	0	16.61	16.75	16.64	18	4
20	256QAM	1	49	16.65	16.70	16.65		
20	256QAM	1	99	16.48	16.63	16.57		
20	256QAM	50	0	16.62	16.71	16.66	18	4
20	256QAM	50	24	16.60	16.66	16.55		
20	256QAM	50	50	16.49	16.59	16.45		
20	256QAM	100	0	16.61	16.68	16.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.29	21.33	21.27	22	0
15	QPSK	1	37	21.18	21.24	21.12		
15	QPSK	1	74	21.09	21.19	21.30		
15	QPSK	36	0	21.17	21.36	21.21	22	0
15	QPSK	36	20	21.27	21.22	21.02		
15	QPSK	36	39	21.10	21.19	21.14		
15	QPSK	75	0	21.21	21.31	21.21	22	0
15	16QAM	1	0	21.15	21.23	21.06		
15	16QAM	1	37	20.97	21.02	21.03		
15	16QAM	1	74	21.15	21.27	21.09		
15	16QAM	36	0	19.63	19.73	19.58	21	1
15	16QAM	36	20	19.58	19.71	19.55		
15	16QAM	36	39	19.56	19.55	19.55		
15	16QAM	75	0	19.58	19.58	19.58		
15	64QAM	1	0	19.40	19.60	19.44	21	1
15	64QAM	1	37	19.40	19.51	19.40		
15	64QAM	1	74	19.41	19.37	19.27		
15	64QAM	36	0	18.51	18.68	18.40	20	2
15	64QAM	36	20	18.56	18.66	18.47		
15	64QAM	36	39	18.45	18.47	18.48		
15	64QAM	75	0	18.43	18.54	18.46		
15	256QAM	1	0	16.47	16.74	16.50	18	4
15	256QAM	1	37	16.56	16.64	16.54		
15	256QAM	1	74	16.45	16.61	16.53		
15	256QAM	36	0	16.49	16.64	16.55	18	4
15	256QAM	36	20	16.54	16.63	16.55		
15	256QAM	36	39	16.40	16.52	16.39		
15	256QAM	75	0	16.57	16.68	16.46		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.21	21.39	21.23	22	0
10	QPSK	1	25	21.23	21.31	21.24		
10	QPSK	1	49	21.11	21.24	21.23		
10	QPSK	25	0	21.30	21.35	21.23	22	0
10	QPSK	25	12	21.25	21.11	21.07		
10	QPSK	25	25	21.00	21.21	21.10		
10	QPSK	50	0	21.25	21.37	21.16		
10	16QAM	1	0	21.17	21.17	21.11	22	0
10	16QAM	1	25	20.95	21.00	21.15		
10	16QAM	1	49	21.18	21.19	21.02		
10	16QAM	25	0	19.57	19.69	19.60	21	1
10	16QAM	25	12	19.47	19.60	19.50		
10	16QAM	25	25	19.59	19.52	19.59		
10	16QAM	50	0	19.55	19.71	19.53		
10	64QAM	1	0	19.42	19.49	19.43	21	1
10	64QAM	1	25	19.37	19.44	19.47		
10	64QAM	1	49	19.41	19.48	19.36		
10	64QAM	25	0	18.57	18.64	18.48	20	2
10	64QAM	25	12	18.55	18.50	18.58		
10	64QAM	25	25	18.40	18.51	18.37		
10	64QAM	50	0	18.51	18.52	18.41		
10	256QAM	1	0	16.57	16.69	16.60	18	4
10	256QAM	1	25	16.60	16.68	16.53		
10	256QAM	1	49	16.40	16.49	16.44		
10	256QAM	25	0	16.56	16.61	16.61	18	4
10	256QAM	25	12	16.57	16.51	16.44		
10	256QAM	25	25	16.46	16.54	16.29		
10	256QAM	50	0	16.50	16.64	16.51		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.27	21.28	21.33	22	0
5	QPSK	1	12	21.20	21.29	21.16		
5	QPSK	1	24	21.16	21.27	21.22		
5	QPSK	12	0	21.17	21.28	21.22	22	0
5	QPSK	12	7	21.16	21.10	21.10		
5	QPSK	12	13	20.96	21.21	21.23		
5	QPSK	25	0	21.28	21.23	21.18		
5	16QAM	1	0	21.13	21.14	21.10	22	0
5	16QAM	1	12	20.97	21.02	21.11		
5	16QAM	1	24	21.15	21.22	21.08		
5	16QAM	12	0	19.51	19.70	19.58	21	1
5	16QAM	12	7	19.50	19.62	19.52		
5	16QAM	12	13	19.53	19.63	19.47		
5	16QAM	25	0	19.55	19.60	19.58		
5	64QAM	1	0	19.40	19.60	19.45	21	1
5	64QAM	1	12	19.47	19.51	19.44		
5	64QAM	1	24	19.35	19.40	19.30		
5	64QAM	12	0	18.60	18.68	18.51	20	2
5	64QAM	12	7	18.45	18.60	18.60		
5	64QAM	12	13	18.39	18.52	18.48		
5	64QAM	25	0	18.47	18.59	18.49		

Band 38 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.41	22.53	22.49	23.6	0
20	QPSK	1	49	22.32	22.35	22.39		
20	QPSK	1	99	22.25	22.32	22.29		
20	QPSK	50	0	21.48	21.53	21.47	23	0.6
20	QPSK	50	24	21.36	21.45	21.40		
20	QPSK	50	50	21.31	21.41	21.31		
20	QPSK	100	0	21.37	21.48	21.34		
20	16QAM	1	0	21.32	21.38	21.36	23	0.6
20	16QAM	1	49	21.28	21.43	21.31		
20	16QAM	1	99	21.30	21.35	21.16		
20	16QAM	50	0	20.41	20.54	20.36	22	1.6
20	16QAM	50	24	20.34	20.39	20.33		
20	16QAM	50	50	20.20	20.37	20.29		
20	16QAM	100	0	20.39	20.40	20.42		
20	64QAM	1	0	20.28	20.41	20.40	22	1.6
20	64QAM	1	49	20.26	20.31	20.34		
20	64QAM	1	99	20.29	20.33	20.14		
20	64QAM	50	0	19.34	19.49	19.38	21	2.6
20	64QAM	50	24	19.41	19.46	19.29		
20	64QAM	50	50	19.26	19.45	19.30		
20	64QAM	100	0	19.34	19.43	19.44		
20	256QAM	1	0	17.42	17.47	17.34	19	4.6
20	256QAM	1	49	17.32	17.44	17.31		
20	256QAM	1	99	17.20	17.34	17.23		
20	256QAM	50	0	17.28	17.36	17.33	19	4.6
20	256QAM	50	24	17.20	17.40	17.27		
20	256QAM	50	50	17.18	17.27	17.12		
20	256QAM	100	0	17.30	17.35	17.17		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.26	22.49	22.41	23.6	0
15	QPSK	1	37	22.19	22.23	22.30		
15	QPSK	1	74	22.12	22.20	22.21		
15	QPSK	36	0	21.40	21.42	21.36	23	0.6
15	QPSK	36	20	21.25	21.35	21.31		
15	QPSK	36	39	21.20	21.36	21.17		
15	QPSK	75	0	21.23	21.42	21.29		
15	16QAM	1	0	21.27	21.28	21.25	23	0.6
15	16QAM	1	37	21.22	21.39	21.19		
15	16QAM	1	74	21.25	21.26	21.04		
15	16QAM	36	0	20.30	20.45	20.22	22	1.6
15	16QAM	36	20	20.19	20.28	20.30		
15	16QAM	36	39	20.17	20.22	20.16		
15	16QAM	75	0	20.35	20.26	20.38		
15	64QAM	1	0	20.13	20.35	20.37	22	1.6
15	64QAM	1	37	20.14	20.25	20.29		
15	64QAM	1	74	20.15	20.29	20.06		
15	64QAM	36	0	19.28	19.41	19.33	21	2.6
15	64QAM	36	20	19.36	19.36	19.24		
15	64QAM	36	39	19.21	19.36	19.26		
15	64QAM	75	0	19.27	19.36	19.31		
15	256QAM	1	0	17.34	17.40	17.24	19	4.6
15	256QAM	1	37	17.27	17.37	17.22		
15	256QAM	1	74	17.16	17.27	17.14		
15	256QAM	36	0	17.19	17.24	17.27	19	4.6
15	256QAM	36	20	17.16	17.33	17.13		
15	256QAM	36	39	17.15	17.12	17.03		
15	256QAM	75	0	17.16	17.30	17.07		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	22.29	22.47	22.41	23.6	0
10	QPSK	1	25	22.23	22.30	22.27		
10	QPSK	1	49	22.19	22.21	22.25		
10	QPSK	25	0	21.34	21.38	21.41	23	0.6
10	QPSK	25	12	21.28	21.36	21.32		
10	QPSK	25	25	21.17	21.37	21.25		
10	QPSK	50	0	21.32	21.44	21.27		
10	16QAM	1	0	21.23	21.26	21.30	23	0.6
10	16QAM	1	25	21.13	21.37	21.27		
10	16QAM	1	49	21.22	21.28	21.08		
10	16QAM	25	0	20.36	20.50	20.29	22	1.6
10	16QAM	25	12	20.28	20.28	20.27		
10	16QAM	25	25	20.11	20.29	20.20		
10	16QAM	50	0	20.33	20.29	20.34		
10	64QAM	1	0	20.14	20.36	20.29	22	1.6
10	64QAM	1	25	20.18	20.20	20.24		
10	64QAM	1	49	20.15	20.30	20.02		
10	64QAM	25	0	19.20	19.40	19.27	21	2.6
10	64QAM	25	12	19.33	19.32	19.25		
10	64QAM	25	25	19.16	19.32	19.22		
10	64QAM	50	0	19.24	19.30	19.36		
10	256QAM	1	0	17.37	17.41	17.21	19	4.6
10	256QAM	1	25	17.27	17.32	17.18		
10	256QAM	1	49	17.16	17.27	17.09		
10	256QAM	25	0	17.16	17.23	17.30	19	4.6
10	256QAM	25	12	17.13	17.31	17.14		
10	256QAM	25	25	17.10	17.20	17.09		
10	256QAM	50	0	17.18	17.27	17.10		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.26	22.40	22.42	23.6	0
5	QPSK	1	12	22.27	22.21	22.34		
5	QPSK	1	24	22.17	22.17	22.21		
5	QPSK	12	0	21.43	21.47	21.44	23	0.6
5	QPSK	12	7	21.30	21.39	21.30		
5	QPSK	12	13	21.20	21.36	21.22		
5	QPSK	25	0	21.30	21.44	21.19		
5	16QAM	1	0	21.27	21.30	21.27	23	0.6
5	16QAM	1	12	21.15	21.32	21.22		
5	16QAM	1	24	21.23	21.31	21.04		
5	16QAM	12	0	20.36	20.40	20.32	22	1.6
5	16QAM	12	7	20.28	20.30	20.20		
5	16QAM	12	13	20.11	20.29	20.15		
5	16QAM	25	0	20.35	20.31	20.29		
5	64QAM	1	0	20.21	20.28	20.27	22	1.6
5	64QAM	1	12	20.16	20.22	20.23		
5	64QAM	1	24	20.25	20.28	20.07		
5	64QAM	12	0	19.28	19.35	19.27	21	2.6
5	64QAM	12	7	19.38	19.39	19.20		
5	64QAM	12	13	19.23	19.35	19.19		
5	64QAM	25	0	19.24	19.29	19.31		
5	256QAM	1	0	17.30	17.33	17.22	19	4.6
5	256QAM	1	12	17.23	17.35	17.25		
5	256QAM	1	24	17.05	17.29	17.19		
5	256QAM	12	0	17.13	17.30	17.29	19	4.6
5	256QAM	12	7	17.13	17.30	17.21		
5	256QAM	12	13	17.09	17.18	17.06		
5	256QAM	25	0	17.15	17.31	17.06		

Band 41 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.54	22.62	22.69	22.51	22.48	23.6	0
20	QPSK	1	49	22.50	22.59	22.64	22.46	22.43		
20	QPSK	1	99	22.52	22.51	22.57	22.38	22.35		
20	QPSK	50	0	21.54	21.57	21.64	21.55	21.44	23	0.6
20	QPSK	50	24	21.50	21.45	21.59	21.47	21.43		
20	QPSK	50	50	21.38	21.47	21.52	21.42	21.31		
20	QPSK	100	0	21.50	21.45	21.58	21.43	21.39		
20	16QAM	1	0	21.40	21.46	21.53	21.38	21.40	23	0.6
20	16QAM	1	49	21.42	21.33	21.48	21.36	21.33		
20	16QAM	1	99	21.37	21.30	21.41	21.26	21.22		
20	16QAM	50	0	20.54	20.53	20.62	20.46	20.38	22	1.6
20	16QAM	50	24	20.43	20.43	20.57	20.45	20.40		
20	16QAM	50	50	20.41	20.37	20.50	20.31	20.32		
20	16QAM	100	0	20.53	20.51	20.57	20.39	20.37		
20	64QAM	1	0	20.38	20.40	20.51	20.31	20.35	22	1.6
20	64QAM	1	49	20.39	20.35	20.46	20.29	20.32		
20	64QAM	1	99	20.28	20.29	20.39	20.21	20.21		
20	64QAM	50	0	19.48	19.58	19.63	19.53	19.38	21	2.6
20	64QAM	50	24	19.43	19.51	19.58	19.39	19.41		
20	64QAM	50	50	19.37	19.40	19.51	19.34	19.28		
20	64QAM	100	0	19.52	19.42	19.56	19.39	19.39		
20	256QAM	1	0	17.54	17.62	17.66	17.49	17.44	19	4.6
20	256QAM	1	49	17.54	17.54	17.61	17.52	17.38		
20	256QAM	1	99	17.42	17.43	17.54	17.45	17.33		
20	256QAM	50	0	17.48	17.59	17.62	17.52	17.45	19	4.6
20	256QAM	50	24	17.44	17.47	17.57	17.45	17.42		
20	256QAM	50	50	17.46	17.42	17.50	17.36	17.33		
20	256QAM	100	0	17.38	17.36	17.48	17.32	17.31		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	22.42	22.52	22.63	22.43	22.40	23.60	0
15	QPSK	1	37	22.45	22.54	22.54	22.41	22.31		
15	QPSK	1	74	22.40	22.40	22.48	22.29	22.22		
15	QPSK	36	0	21.45	21.53	21.49	21.43	21.36	23	0.6
15	QPSK	36	20	21.45	21.38	21.53	21.41	21.30		
15	QPSK	36	39	21.25	21.36	21.40	21.35	21.27		
15	QPSK	75	0	21.42	21.32	21.45	21.37	21.34		
15	16QAM	1	0	21.28	21.39	21.40	21.26	21.27	23	0.6
15	16QAM	1	37	21.37	21.19	21.37	21.25	21.23		
15	16QAM	1	74	21.23	21.20	21.29	21.20	21.14		
15	16QAM	36	0	20.48	20.40	20.59	20.42	20.24	22	1.6
15	16QAM	36	20	20.29	20.29	20.46	20.41	20.26		
15	16QAM	36	39	20.31	20.32	20.41	20.21	20.26		
15	16QAM	75	0	20.43	20.43	20.49	20.28	20.33		
15	64QAM	1	0	20.33	20.37	20.45	20.20	20.29	22	1.6
15	64QAM	1	37	20.33	20.24	20.36	20.20	20.21		
15	64QAM	1	74	20.16	20.15	20.30	20.13	20.12		
15	64QAM	36	0	19.42	19.44	19.57	19.39	19.31	21	2.6
15	64QAM	36	20	19.37	19.44	19.51	19.31	19.36		
15	64QAM	36	39	19.32	19.33	19.47	19.20	19.13		
15	64QAM	75	0	19.43	19.33	19.43	19.35	19.32		
15	256QAM	1	0	17.43	17.55	17.55	17.43	17.34	19	4.6
15	256QAM	1	37	17.45	17.46	17.56	17.39	17.34		
15	256QAM	1	74	17.30	17.39	17.48	17.35	17.22		
15	256QAM	36	0	17.34	17.53	17.49	17.43	17.38	19	4.6
15	256QAM	36	20	17.31	17.36	17.53	17.33	17.32		
15	256QAM	36	39	17.41	17.37	17.44	17.24	17.25		
15	256QAM	75	0	17.24	17.29	17.40	17.19	17.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	22.40	22.58	22.57	22.38	22.37	23.60	0
10	QPSK	1	25	22.43	22.44	22.51	22.32	22.35		
10	QPSK	1	49	22.47	22.39	22.42	22.35	22.22		
10	QPSK	25	0	21.49	21.43	21.59	21.44	21.37	23	0.6
10	QPSK	25	12	21.41	21.36	21.46	21.37	21.35		
10	QPSK	25	25	21.26	21.36	21.48	21.33	21.16		
10	QPSK	50	0	21.44	21.39	21.46	21.29	21.25		
10	16QAM	1	0	21.36	21.42	21.39	21.35	21.33	23	0.6
10	16QAM	1	25	21.36	21.22	21.34	21.28	21.29		
10	16QAM	1	49	21.33	21.18	21.34	21.21	21.18		
10	16QAM	25	0	20.40	20.41	20.48	20.34	20.30	22	1.6
10	16QAM	25	12	20.38	20.33	20.54	20.32	20.32		
10	16QAM	25	25	20.30	20.24	20.35	20.26	20.19		
10	16QAM	50	0	20.38	20.47	20.47	20.35	20.32		
10	64QAM	1	0	20.26	20.27	20.38	20.20	20.23	22	1.6
10	64QAM	1	25	20.29	20.21	20.41	20.17	20.27		
10	64QAM	1	49	20.16	20.24	20.28	20.17	20.14		
10	64QAM	25	0	19.35	19.51	19.55	19.43	19.35	21	2.6
10	64QAM	25	12	19.40	19.45	19.45	19.24	19.29		
10	64QAM	25	25	19.29	19.28	19.39	19.27	19.14		
10	64QAM	50	0	19.40	19.37	19.42	19.28	19.29		
10	256QAM	1	0	17.48	17.52	17.58	17.36	17.30	19	4.6
10	256QAM	1	25	17.45	17.43	17.55	17.49	17.24		
10	256QAM	1	49	17.31	17.30	17.47	17.34	17.29		
10	256QAM	25	0	17.36	17.54	17.51	17.39	17.34	19	4.6
10	256QAM	25	12	17.39	17.39	17.54	17.41	17.31		
10	256QAM	25	25	17.32	17.32	17.36	17.24	17.25		
10	256QAM	50	0	17.34	17.31	17.41	17.19	17.19		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	22.48	22.56	22.66	22.43	22.41	23.60	0
5	QPSK	1	12	22.40	22.55	22.54	22.35	22.29		
5	QPSK	1	24	22.41	22.44	22.54	22.32	22.30		
5	QPSK	12	0	21.40	21.48	21.58	21.44	21.33	23	0.6
5	QPSK	12	7	21.45	21.39	21.50	21.43	21.32		
5	QPSK	12	13	21.25	21.33	21.42	21.37	21.21		
5	QPSK	25	0	21.43	21.41	21.52	21.36	21.24		
5	16QAM	1	0	21.27	21.33	21.38	21.29	21.25	23	0.6
5	16QAM	1	12	21.33	21.26	21.43	21.29	21.22		
5	16QAM	1	24	21.25	21.17	21.29	21.18	21.13		
5	16QAM	12	0	20.42	20.45	20.56	20.33	20.31	22	1.6
5	16QAM	12	7	20.34	20.33	20.44	20.36	20.28		
5	16QAM	12	13	20.32	20.26	20.39	20.27	20.18		
5	16QAM	25	0	20.48	20.37	20.47	20.35	20.26		
5	64QAM	1	0	20.34	20.35	20.44	20.21	20.27	22	1.6
5	64QAM	1	12	20.24	20.26	20.37	20.25	20.24		
5	64QAM	1	24	20.14	20.24	20.31	20.11	20.17		
5	64QAM	12	0	19.41	19.45	19.54	19.43	19.31	21	2.6
5	64QAM	12	7	19.29	19.45	19.49	19.24	19.34		
5	64QAM	12	13	19.32	19.36	19.46	19.21	19.19		
5	64QAM	25	0	19.42	19.38	19.46	19.31	19.34		
5	256QAM	1	0	17.39	17.47	17.58	17.43	17.40	19	4.6
5	256QAM	1	12	17.45	17.46	17.54	17.47	17.35		
5	256QAM	1	24	17.28	17.28	17.43	17.37	17.28		
5	256QAM	12	0	17.36	17.50	17.57	17.46	17.30	19	4.6
5	256QAM	12	7	17.35	17.43	17.50	17.33	17.34		
5	256QAM	12	13	17.32	17.33	17.36	17.32	17.27		
5	256QAM	25	0	17.25	17.31	17.35	17.19	17.16		

Band 41 HPUE Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.04	24.01	24.13	23.94	24.10	25.2	0
20	QPSK	1	49	23.87	23.86	24.04	23.92	23.98		
20	QPSK	1	99	23.79	23.78	23.94	23.73	23.96		
20	QPSK	50	0	23.93	23.96	24.10	23.90	23.99	25.2	0
20	QPSK	50	24	23.81	23.80	23.97	23.77	23.83		
20	QPSK	50	50	23.71	23.62	23.88	23.66	23.85		
20	QPSK	100	0	23.98	23.98	24.03	23.77	23.97		
20	16QAM	1	0	23.80	23.82	23.91	23.87	23.89	25.2	0
20	16QAM	1	49	23.71	23.69	23.86	23.61	23.87		
20	16QAM	1	99	23.71	23.61	23.82	23.56	23.87		
20	16QAM	50	0	23.73	23.81	24.01	23.78	23.91	25.2	0
20	16QAM	50	24	23.95	23.85	24.02	23.90	24.03		
20	16QAM	50	50	23.75	23.76	23.93	23.84	23.96		
20	16QAM	100	0	23.71	23.71	23.90	23.63	23.84		
20	64QAM	1	0	23.92	23.88	24.09	23.89	23.99	25.2	0
20	64QAM	1	49	23.78	23.72	23.99	23.87	23.94		
20	64QAM	1	99	23.71	23.68	23.79	23.62	23.85		
20	64QAM	50	0	23.97	23.87	24.07	23.90	23.98	25	0.2
20	64QAM	50	24	23.94	23.84	24.02	23.79	24.07		
20	64QAM	50	50	23.83	23.72	23.98	23.87	23.92		
20	64QAM	100	0	23.76	23.69	23.80	23.70	23.82		
20	256QAM	1	0	21.51	21.49	21.68	21.44	21.58	23	2.2
20	256QAM	1	49	21.43	21.41	21.61	21.42	21.52		
20	256QAM	1	99	21.30	21.36	21.55	21.41	21.51		
20	256QAM	50	0	21.37	21.38	21.52	21.34	21.45	23	2.2
20	256QAM	50	24	21.27	21.23	21.46	21.24	21.39		
20	256QAM	50	50	21.23	21.26	21.41	21.20	21.35		
20	256QAM	100	0	21.10	21.12	21.34	21.15	21.24		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	23.97	23.96	24.02	23.81	23.94	25.20	0
15	QPSK	1	37	23.82	23.79	23.89	23.85	23.93		
15	QPSK	1	74	23.70	23.72	23.85	23.60	23.87		
15	QPSK	36	0	23.90	23.90	23.93	23.85	23.87	25.2	0
15	QPSK	36	20	23.63	23.73	23.88	23.69	23.76		
15	QPSK	36	39	23.66	23.44	23.81	23.56	23.71		
15	QPSK	75	0	23.92	23.90	23.98	23.60	23.86		
15	16QAM	1	0	23.70	23.79	23.82	23.84	23.78	25.2	0
15	16QAM	1	37	23.55	23.59	23.76	23.49	23.69		
15	16QAM	1	74	23.64	23.53	23.65	23.45	23.75		
15	16QAM	36	0	23.57	23.69	23.98	23.69	23.81	25.2	0
15	16QAM	36	20	23.79	23.71	23.88	23.76	23.86		
15	16QAM	36	39	23.64	23.64	23.87	23.72	23.86		
15	16QAM	75	0	23.55	23.58	23.76	23.50	23.81		
15	64QAM	1	0	23.89	23.76	24.03	23.73	23.89	25.2	0
15	64QAM	1	37	23.69	23.55	23.92	23.83	23.71		
15	64QAM	1	74	23.68	23.54	23.71	23.57	23.71		
15	64QAM	36	0	23.88	23.70	23.94	23.77	23.85	25	0.2
15	64QAM	36	20	23.84	23.72	23.84	23.76	23.94		
15	64QAM	36	39	23.76	23.59	23.91	23.72	23.77		
15	64QAM	75	0	23.70	23.60	23.77	23.58	23.67		
15	256QAM	1	0	21.44	21.44	21.54	21.33	21.45	23	2.2
15	256QAM	1	37	21.29	21.29	21.56	21.28	21.46		
15	256QAM	1	74	21.25	21.29	21.52	21.31	21.41		
15	256QAM	36	0	21.28	21.27	21.39	21.26	21.30	23	2.2
15	256QAM	36	20	21.12	21.14	21.34	21.18	21.27		
15	256QAM	36	39	21.14	21.22	21.37	21.12	21.30		
15	256QAM	75	0	21.06	21.19	21.21	21.00	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.92	23.87	23.98	23.77	23.95	25.20	0
10	QPSK	1	25	23.80	23.80	23.95	23.78	23.86		
10	QPSK	1	49	23.76	23.70	23.85	23.66	23.84		
10	QPSK	25	0	23.87	23.85	23.95	23.73	23.91	25.2	0
10	QPSK	25	12	23.64	23.75	23.89	23.67	23.87		
10	QPSK	25	25	23.63	23.57	23.77	23.57	23.74		
10	QPSK	50	0	23.87	23.85	23.91	23.66	23.87		
10	16QAM	1	0	23.62	23.68	23.87	23.76	23.85	25.2	0
10	16QAM	1	25	23.65	23.61	23.79	23.54	23.82		
10	16QAM	1	49	23.57	23.52	23.70	23.44	23.79		
10	16QAM	25	0	23.66	23.64	23.89	23.65	23.79	25.2	0
10	16QAM	25	12	23.60	23.67	23.89	23.76	23.99		
10	16QAM	25	25	23.67	23.61	23.77	23.74	23.92		
10	16QAM	50	0	23.60	23.68	23.73	23.52	23.76		
10	64QAM	1	0	23.88	23.83	24.04

Band 42 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.66	23.71	23.59	24	0
20	QPSK	1	49	23.62	23.66	23.57		
20	QPSK	1	99	23.52	23.59	23.48		
20	QPSK	50	0	22.57	22.65	22.53	23	1
20	QPSK	50	24	22.56	22.60	22.56		
20	QPSK	50	50	22.45	22.53	22.39		
20	QPSK	100	0	22.44	22.58	22.51		
20	16QAM	1	0	22.38	22.52	22.42	23	1
20	16QAM	1	49	22.37	22.47	22.44		
20	16QAM	1	99	22.35	22.40	22.30		
20	16QAM	50	0	21.52	21.66	21.59	22	2
20	16QAM	50	24	21.53	21.61	21.48		
20	16QAM	50	50	21.44	21.54	21.49		
20	16QAM	100	0	21.46	21.58	21.47		
20	64QAM	1	0	21.45	21.53	21.48	22	2
20	64QAM	1	49	21.38	21.48	21.44		
20	64QAM	1	99	21.36	21.41	21.37		
20	64QAM	50	0	20.56	20.60	20.53	21	3
20	64QAM	50	24	20.50	20.55	20.50		
20	64QAM	50	50	20.40	20.48	20.34		
20	64QAM	100	0	20.43	20.55	20.40		
20	256QAM	1	0	18.46	18.51	18.42	19	5
20	256QAM	1	49	18.35	18.46	18.36		
20	256QAM	1	99	18.28	18.39	18.30		
20	256QAM	50	0	18.40	18.46	18.34	19	5
20	256QAM	50	24	18.27	18.41	18.20		
20	256QAM	50	50	18.29	18.34	18.21		
20	256QAM	100	0	18.37	18.40	18.34		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.53	23.67	23.45	24	0
15	QPSK	1	37	23.54	23.60	23.53		
15	QPSK	1	74	23.49	23.46	23.38		
15	QPSK	36	0	22.49	22.50	22.44	23	1
15	QPSK	36	20	22.51	22.47	22.50		
15	QPSK	36	39	22.40	22.41	22.35		
15	QPSK	75	0	22.31	22.54	22.37		
15	16QAM	1	0	22.35	22.38	22.29	23	1
15	16QAM	1	37	22.31	22.37	22.38		
15	16QAM	1	74	22.32	22.32	22.24		
15	16QAM	36	0	21.47	21.54	21.51	22	2
15	16QAM	36	20	21.43	21.56	21.41		
15	16QAM	36	39	21.36	21.45	21.34		
15	16QAM	75	0	21.39	21.44	21.41		
15	64QAM	1	0	21.40	21.40	21.36	22	2
15	64QAM	1	37	21.27	21.36	21.30		
15	64QAM	1	74	21.25	21.37	21.27		
15	64QAM	36	0	20.43	20.56	20.40	21	3
15	64QAM	36	20	20.43	20.41	20.38		
15	64QAM	36	39	20.35	20.35	20.25		
15	64QAM	75	0	20.34	20.46	20.35		
15	256QAM	1	0	18.40	18.46	18.28	19	5
15	256QAM	1	37	18.26	18.32	18.22		
15	256QAM	1	74	18.22	18.35	18.23		
15	256QAM	36	0	18.31	18.43	18.30	19	5
15	256QAM	36	20	18.17	18.29	18.13		
15	256QAM	36	39	18.18	18.25	18.14		
15	256QAM	75	0	18.32	18.32	18.23		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.59	23.63	23.54	24	0
10	QPSK	1	25	23.49	23.51	23.52		
10	QPSK	1	49	23.43	23.49	23.34		
10	QPSK	25	0	22.50	22.52	22.48	23	1
10	QPSK	25	12	22.50	22.53	22.52		
10	QPSK	25	25	22.35	22.45	22.28		
10	QPSK	50	0	22.37	22.53	22.47		
10	16QAM	1	0	22.27	22.36	22.26	23	1
10	16QAM	1	25	22.22	22.39	22.32		
10	16QAM	1	49	22.24	22.34	22.22		
10	16QAM	25	0	21.37	21.61	21.45	22	2
10	16QAM	25	12	21.42	21.50	21.40		
10	16QAM	25	25	21.35	21.42	21.45		
10	16QAM	50	0	21.34	21.51	21.34		
10	64QAM	1	0	21.33	21.47	21.35	22	2
10	64QAM	1	25	21.24	21.37	21.29		
10	64QAM	1	49	21.30	21.27	21.33		
10	64QAM	25	0	20.42	20.48	20.43	21	3
10	64QAM	25	12	20.42	20.41	20.42		
10	64QAM	25	25	20.30	20.34	20.26		
10	64QAM	50	0	20.33	20.50	20.29		
10	256QAM	1	0	18.40	18.43	18.39	19	5
10	256QAM	1	25	18.25	18.35	18.29		
10	256QAM	1	49	18.15	18.33	18.24		
10	256QAM	25	0	18.32	18.39	18.24	19	5
10	256QAM	25	12	18.19	18.32	18.15		
10	256QAM	25	25	18.16	18.25	18.15		
10	256QAM	50	0	18.34	18.32	18.31		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.56	23.65	23.44	24	0
5	QPSK	1	12	23.47	23.60	23.54		
5	QPSK	1	24	23.46	23.55	23.39		
5	QPSK	12	0	22.45	22.59	22.46	23	1
5	QPSK	12	7	22.42	22.54	22.47		
5	QPSK	12	13	22.35	22.48	22.34		
5	QPSK	25	0	22.34	22.45	22.37		
5	16QAM	1	0	22.30	22.46	22.31	23	1
5	16QAM	1	12	22.28	22.35	22.38		
5	16QAM	1	24	22.26	22.27	22.23		
5	16QAM	12	0	21.48	21.53	21.50	22	2
5	16QAM	12	7	21.45	21.48	21.41		
5	16QAM	12	13	21.35	21.41	21.35		
5	16QAM	25	0	21.39	21.47	21.41		
5	64QAM	1	0	21.39	21.48	21.43	22	2
5	64QAM	1	12	21.35	21.41	21.40		
5	64QAM	1	24	21.27	21.29	21.27		
5	64QAM	12	0	20.50	20.47	20.47	21	3
5	64QAM	12	7	20.47	20.42	20.37		
5	64QAM	12	13	20.25	20.34	20.25		
5	64QAM	25	0	20.38	20.43	20.32		
5	256QAM	1	0	18.40	18.43	18.29	19	5
5	256QAM	1	12	18.30	18.32	18.27		
5	256QAM	1	24	18.18	18.29	18.26		
5	256QAM	12	0	18.28	18.32	18.24	19	5
5	256QAM	12	7	18.12	18.36	18.07		
5	256QAM	12	13	18.17	18.30	18.12		
5	256QAM	25	0	18.23	18.30	18.19		

Band 42 Part 96 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3660	3675	3690		
20	QPSK	1	0	23.56	23.58	23.43	24	0
20	QPSK	1	49	23.56	23.55	23.43		
20	QPSK	1	99	23.38	23.52	23.37		
20	QPSK	50	0	22.47	22.60	22.48	23	1
20	QPSK	50	24	22.44	22.43	22.45		
20	QPSK	50	50	22.36	22.35	22.33		
20	QPSK	100	0	22.29	22.53	22.46		
20	16QAM	1	0	22.35	22.37	22.38	23	1
20	16QAM	1	49	22.23	22.32	22.26		
20	16QAM	1	99	22.26	22.34	22.15		
20	16QAM	50	0	21.40	21.64	21.43	22	2
20	16QAM	50	24	21.39	21.48	21.46		
20	16QAM	50	50	21.26	21.51	21.41		
20	16QAM	100	0	21.30	21.50	21.32		
20	64QAM	1	0	21.38	21.50	21.38	22	2
20	64QAM	1	49	21.25	21.44	21.29		
20	64QAM	1	99	21.26	21.28	21.23		
20	64QAM	50	0	20.49	20.56	20.51	21	3
20	64QAM	50	24	20.40	20.49	20.47		
20	64QAM	50	50	20.35	20.39	20.18		
20	64QAM	100	0	20.29	20.41	20.27		
20	256QAM	1	0	18.33	18.38	18.30	19	5
20	256QAM	1	49	18.27	18.37	18.30		
20	256QAM	1	99	18.22	18.24	18.20		
20	256QAM	50	0	18.37	18.35	18.27	19	5
20	256QAM	50	24	18.15	18.34	18.03		
20	256QAM	50	50	18.17	18.21	18.03		
20	256QAM	100	0	18.32	18.35	18.24		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3675	3692.5		
15	QPSK	1	0	23.52	23.56	23.42	24	0
15	QPSK	1	37	23.45	23.52	23.42		
15	QPSK	1	74	23.36	23.41	23.31		
15	QPSK	36	0	22.38	22.58	22.39	23	1
15	QPSK	36	20	22.32	22.28	22.36		
15	QPSK	36	39	22.31	22.25	22.22		
15	QPSK	75	0	22.24	22.39	22.37		
15	16QAM	1	0	22.31	22.29	22.29	23	1
15	16QAM	1	37	22.08	22.27	22.13		
15	16QAM	1	74	22.23	22.26	22.11		
15	16QAM	36	0	21.31	21.50	21.37	22	2
15	16QAM	36	20	21.32	21.33	21.44		
15	16QAM	36	39	21.21	21.42	21.26		
15	16QAM	75	0	21.22	21.42	21.22		
15	64QAM	1	0	21.35	21.46	21.35	22	2
15	64QAM	1	37	21.09	21.39	21.25		
15	64QAM	1	74	21.21	21.18	21.21		
15	64QAM	36	0	20.45	20.54	20.35	21	3
15	64QAM	36	20	20.23	20.46	20.31		
15	64QAM	36	39	20.31	20.22	20.05		
15	64QAM	75	0	20.16	20.32	20.25		
15	256QAM	1	0	18.30	18.36	18.24	19	5
15	256QAM	1	37	18.22	18.25	18.17		
15	256QAM	1	74	18.12	18.18	18.18		
15	256QAM	36	0	18.29	18.32	18.15	19	5
15	256QAM	36	20	18.11	18.32	17.87		
15	256QAM	36	39	18.12	18.17	17.89		
15	256QAM	75	0	18.27	18.21	18.18		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652	3675	3698		
10	QPSK	1	0	23.42	23.51	23.32	24	0
10	QPSK	1	25	23.42	23.49	23.40		
10	QPSK	1	49	23.26	23.50	23.27		
10	QPSK	25	0	22.33	22.44	22.41	23	1
10	QPSK	25	12	22.39	22.33	22.38		
10	QPSK	25	25	22.34	22.29	22.22		
10	QPSK	50	0	22.24	22.45	22.45		
10	16QAM	1	0	22.32	22.34	22.22	23	1
10	16QAM	1	25	22.16	22.16	22.17		
10	16QAM	1	49	22.14	22.27	22.05		
10	16QAM	25	0	21.31	21.63	21.34	22	2
10	16QAM	25	12	21.31	21.36	21.30		
10	16QAM	25	25	21.21	21.39	21.31		
10	16QAM	50	0	21.23	21.47	21.26		
10	64QAM	1	0	21.34	21.46	21.37	22	2
10	64QAM	1	25	21.16	21.30	21.28		
10	64QAM	1	49	21.19	21.20	21.18		
10	64QAM	25	0	20.37	20.42	20.38	21	3
10	64QAM	25	12	20.38	20.46	20.45		
10	64QAM	25	25	20.28	20.32	20.02		
10	64QAM	50	0	20.27	20.40	20.19		
10	256QAM	1	0	18.16	18.36	18.19	19	5
10	256QAM	1	25	18.16	18.21	18.18		
10	256QAM	1	49	18.17	18.10	18.10		
10	256QAM	25	0	18.22	18.32	18.24	19	5
10	256QAM	25	12	18.02	18.26	18.01		
10	256QAM	25	25	18.01	18.04	18.00		
10	256QAM	50	0	18.29	18.22	18.08		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3650.5	3675	3697.5		
5	QPSK	1	0	23.53	23.44	23.40	24	0
5	QPSK	1	12	23.47	23.46	23.26		
5	QPSK	1	24	23.31	23.38	23.22		
5	QPSK	12	0	22.33	22.54	22.45	23	1
5	QPSK	12	7	22.35	22.33	22.41		
5	QPSK	12	13	22.25	22.33	22.25		
5	QPSK	25	0	22.12	22.44	22.39		
5	16QAM	1	0	22.21	22.40	22.25	23	1
5	16QAM	1	12	22.18	22.23	22.24		
5	16QAM	1	24	22.19	22.23	22.11		
5	16QAM	12	0	21.37	21.48	21.36	22	2
5	16QAM	12	7	21.35	21.43	21.32		
5	16QAM	12	13	21.23	21.41	21.36		
5	16QAM	25	0	21.16	21.36	21.22		
5	64QAM	1	0	21.29	21.43	21.33	22	2
5	64QAM	1	12	21.17	21.30	21.23		
5	64QAM	1	24	21.24	21.17	21.10		
5	64QAM	12	0	20.48	20.46	20.41	21	3
5	64QAM	12	7	20.36	20.45	20.36		
5	64QAM	12	13	20.19	20.34	20.06		
5	64QAM	25	0	20.27	20.26	20.26		
5	256QAM	1	0	18.26	18.31	18.15	19	5
5	256QAM	1	12	18.22	18.26	18.23		
5	256QAM	1	24	18.18	18.12	18.18		
5	256QAM	12	0	18.32	18.28	18.18	19	5
5	256QAM	12	7	18.12	18.20	18.01		
5	256QAM	12	13	18.10	18.08	17.89		
5	256QAM	25	0	18.24	18.26	18.13		

Band 43 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	23.60	23.64	23.55	24	0
20	QPSK	1	49	23.54	23.59	23.48		
20	QPSK	1	99	23.47	23.52	23.47		
20	QPSK	50	0	22.51	22.57	22.45	23	1
20	QPSK	50	24	22.39	22.52	22.39		
20	QPSK	50	50	22.34	22.45	22.32		
20	QPSK	100	0	22.47	22.51	22.37		
20	16QAM	1	0	22.43	22.46	22.36	23	1
20	16QAM	1	49	22.36	22.41	22.38		
20	16QAM	1	99	22.30	22.34	22.29		
20	16QAM	50	0	21.41	21.53	21.49	22	2
20	16QAM	50	24	21.44	21.48	21.41		
20	16QAM	50	50	21.32	21.41	21.28		
20	16QAM	100	0	21.32	21.47	21.40		
20	64QAM	1	0	21.29	21.42	21.37	22	2
20	64QAM	1	49	21.31	21.37	21.33		
20	64QAM	1	99	21.24	21.30	21.21		
20	64QAM	50	0	20.46	20.53	20.40	21	3
20	64QAM	50	24	20.37	20.48	20.41		
20	64QAM	50	50	20.34	20.41	20.26		
20	64QAM	100	0	20.43	20.48	20.36		
20	256QAM	1	0	18.35	18.44	18.29	19	5
20	256QAM	1	49	18.29	18.39	18.35		
20	256QAM	1	99	18.19	18.32	18.19		
20	256QAM	50	0	18.34	18.37	18.31	19	5
20	256QAM	50	24	18.25	18.32	18.19		
20	256QAM	50	50	18.12	18.25	18.17		
20	256QAM	100	0	18.27	18.32	18.21		
Channel				43665	44090	44515	Tune-up limit	MPR
Frequency (MHz)				3607.5	3650	3692.5	(dBm)	(dB)
15	QPSK	1	0	23.45	23.60	23.46	24	0
15	QPSK	1	37	23.51	23.50	23.33		
15	QPSK	1	74	23.43	23.43	23.34		
15	QPSK	36	0	22.45	22.46	22.37	23	1
15	QPSK	36	20	22.33	22.43	22.28		
15	QPSK	36	39	22.28	22.36	22.24		
15	QPSK	75	0	22.32	22.43	22.23		
15	16QAM	1	0	22.37	22.32	22.22	23	1
15	16QAM	1	37	22.25	22.35	22.25		
15	16QAM	1	74	22.26	22.26	22.26		
15	16QAM	36	0	21.28	21.46	21.38	22	2
15	16QAM	36	20	21.30	21.35	21.38		
15	16QAM	36	39	21.25	21.32	21.15		
15	16QAM	75	0	21.22	21.40	21.37		
15	64QAM	1	0	21.19	21.30	21.34	22	2
15	64QAM	1	37	21.18	21.26	21.20		
15	64QAM	1	74	21.15	21.21	21.08		
15	64QAM	36	0	20.35	20.44	20.30	21	3
15	64QAM	36	20	20.29	20.41	20.34		
15	64QAM	36	39	20.30	20.36	20.22		
15	64QAM	75	0	20.39	20.42	20.27		
15	256QAM	1	0	18.23	18.30	18.26	19	5
15	256QAM	1	37	18.22	18.24	18.25		
15	256QAM	1	74	18.04	18.24	18.15		
15	256QAM	36	0	18.26	18.28	18.21	19	5
15	256QAM	36	20	18.21	18.22	18.05		
15	256QAM	36	39	18.03	18.21	18.11		
15	256QAM	75	0	18.13	18.28	18.09		
Channel				43640	44090	44540	Tune-up limit	MPR
Frequency (MHz)				3605	3650	3695	(dBm)	(dB)
10	QPSK	1	0	23.50	23.54	23.45	24	0
10	QPSK	1	25	23.51	23.48	23.34		
10	QPSK	1	49	23.42	23.38	23.37		
10	QPSK	25	0	22.48	22.51	22.36	23	1
10	QPSK	25	12	22.31	22.48	22.32		
10	QPSK	25	25	22.27	22.38	22.18		
10	QPSK	50	0	22.35	22.40	22.24		
10	16QAM	1	0	22.32	22.33	22.32	23	1
10	16QAM	1	25	22.23	22.36	22.29		
10	16QAM	1	49	22.24	22.21	22.22		
10	16QAM	25	0	21.34	21.44	21.35	22	2
10	16QAM	25	12	21.32	21.36	21.31		
10	16QAM	25	25	21.23	21.31	21.16		
10	16QAM	50	0	21.24	21.43	21.27		
10	64QAM	1	0	21.19	21.34	21.25	22	2
10	64QAM	1	25	21.16	21.25	21.20		
10	64QAM	1	49	21.15	21.27	21.06		
10	64QAM	25	0	20.32	20.40	20.35	21	3
10	64QAM	25	12	20.33	20.40	20.30		
10	64QAM	25	25	20.25	20.35	20.13		
10	64QAM	50	0	20.34	20.40	20.27		
10	256QAM	1	0	18.30	18.34	18.19	19	5
10	256QAM	1	25	18.23	18.31	18.31		
10	256QAM	1	49	18.09	18.18	18.04		
10	256QAM	25	0	18.29	18.23	18.20	19	5
10	256QAM	25	12	18.16	18.29	18.10		
10	256QAM	25	25	18.05	18.18	18.14		
10	256QAM	50	0	18.20	18.18	18.12		
Channel				43615	44090	44565	Tune-up limit	MPR
Frequency (MHz)				3602.5	3650	3697.5	(dBm)	(dB)
5	QPSK	1	0	23.47	23.59	23.50	24	0
5	QPSK	1	12	23.49	23.55	23.44		
5	QPSK	1	24	23.36	23.43	23.32		
5	QPSK	12	0	22.37	22.44	22.32	23	1
5	QPSK	12	7	22.27	22.41	22.31		
5	QPSK	12	13	22.26	22.31	22.23		
5	QPSK	25	0	22.41	22.38	22.24		
5	16QAM	1	0	22.28	22.31	22.31	23	1
5	16QAM	1	12	22.28	22.29	22.32		
5	16QAM	1	24	22.19	22.25	22.22		
5	16QAM	12	0	21.31	21.46	21.45	22	2
5	16QAM	12	7	21.32	21.44	21.37		
5	16QAM	12	13	21.19	21.32	21.20		
5	16QAM	25	0	21.25	21.39	21.33		
5	64QAM	1	0	21.24	21.28	21.26	22	2
5	64QAM	1	12	21.26	21.32	21.22		
5	64QAM	1	24	21.15	21.15	21.08		
5	64QAM	12	0	20.32	20.47	20.26	21	3
5	64QAM	12	7	20.28	20.44	20.27		
5	64QAM	12	13	20.20	20.35	20.17		
5	64QAM	25	0	20.31	20.42	20.25		
5	256QAM	1	0	18.30	18.35	18.15	19	5
5	256QAM	1	12	18.22	18.30	18.29		
5	256QAM	1	24	18.06	18.29	18.07		
5	256QAM	12	0	18.28	18.26	18.27	19	5
5	256QAM	12	7	18.13	18.23	18.10		
5	256QAM	12	13	18.03	18.12	18.06		
5	256QAM	25	0	18.15	18.20	18.15		

Band 48 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.72	23.88	23.79	23.66	24	0
20	QPSK	1	49	23.56	23.76	23.61	23.54		
20	QPSK	1	99	23.56	23.65	23.58	23.60		
20	QPSK	50	0	23.64	23.74	23.57	23.53	24	0
20	QPSK	50	24	23.48	23.66	23.49	23.50		
20	QPSK	50	50	23.49	23.49	23.45	23.37		
20	QPSK	100	0	23.52	23.68	23.59	23.48		
20	16QAM	1	0	23.67	23.84	23.73	23.52	24	0
20	16QAM	1	49	23.65	23.74	23.66	23.62		
20	16QAM	1	99	23.64	23.66	23.64	23.49		
20	16QAM	50	0	22.62	22.75	22.66	22.71	23	1
20	16QAM	50	24	22.59	22.70	22.63	22.63		
20	16QAM	50	50	22.56	22.63	22.58	22.48		
20	16QAM	100	0	22.65	22.69	22.58	22.57		
20	64QAM	1	0	22.52	22.61	22.57	22.54	23	1
20	64QAM	1	49	22.46	22.56	22.50	22.49		
20	64QAM	1	99	22.37	22.49	22.40	22.35		
20	64QAM	50	0	21.60	21.74	21.66	21.68	22	2
20	64QAM	50	24	21.57	21.69	21.55	21.59		
20	64QAM	50	50	21.57	21.62	21.52	21.57		
20	64QAM	100	0	21.64	21.70	21.60	21.60		
20	256QAM	1	0	19.54	19.64	19.53	19.56	20	4
20	256QAM	1	49	19.55	19.59	19.45	19.52		
20	256QAM	1	99	19.46	19.52	19.48	19.40		
20	256QAM	50	0	19.54	19.58	19.44	19.52	20	4
20	256QAM	50	24	19.39	19.53	19.39	19.41		
20	256QAM	50	50	19.43	19.46	19.36	19.40		
20	256QAM	100	0	19.43	19.52	19.40	19.47		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	23.58	23.83	23.65	23.60	24	0
15	QPSK	1	37	23.49	23.62	23.51	23.42		
15	QPSK	1	74	23.52	23.51	23.50	23.51		
15	QPSK	36	0	23.54	23.69	23.49	23.42	24	0
15	QPSK	36	20	23.33	23.62	23.35	23.37		
15	QPSK	36	39	23.38	23.44	23.40	23.34		
15	QPSK	75	0	23.44	23.64	23.52	23.38		
15	16QAM	1	0	23.52	23.76	23.59	23.40	24	0
15	16QAM	1	37	23.51	23.60	23.62	23.51		
15	16QAM	1	74	23.59	23.51	23.50	23.45		
15	16QAM	36	0	22.58	22.69	22.57	22.66	23	1
15	16QAM	36	20	22.46	22.65	22.49	22.49		
15	16QAM	36	39	22.53	22.49	22.55	22.40		
15	16QAM	75	0	22.51	22.58	22.53	22.48		
15	64QAM	1	0	22.48	22.47	22.44	22.46	23	1
15	64QAM	1	37	22.33	22.52	22.43	22.45		
15	64QAM	1	74	22.23	22.42	22.28	22.31		
15	64QAM	36	0	21.54	21.64	21.56	21.59	22	2
15	64QAM	36	20	21.44	21.64	21.45	21.49		
15	64QAM	36	39	21.50	21.58	21.38	21.53		
15	64QAM	75	0	21.58	21.63	21.55	21.54		
15	256QAM	1	0	19.46	19.51	19.40	19.49	20	4
15	256QAM	1	37	19.48	19.53	19.41	19.40		
15	256QAM	1	74	19.41	19.47	19.44	19.25		
15	256QAM	36	0	19.46	19.44	19.34	19.41	20	4
15	256QAM	36	20	19.30	19.39	19.31	19.33		
15	256QAM	36	39	19.39	19.33	19.23	19.26		
15	256QAM	75	0	19.31	19.46	19.27	19.40		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	23.65	23.74	23.67	23.61	24	0
10	QPSK	1	25	23.49	23.70	23.49	23.47		
10	QPSK	1	49	23.43	23.56	23.48	23.55		
10	QPSK	25	0	23.53	23.61	23.50	23.47	24	0
10	QPSK	25	12	23.40	23.54	23.45	23.42		
10	QPSK	25	25	23.45	23.37	23.31	23.27		
10	QPSK	50	0	23.40	23.62	23.53	23.44		
10	16QAM	1	0	23.59	23.80	23.65	23.46	24	0
10	16QAM	1	25	23.51	23.64	23.62	23.47		
10	16QAM	1	49	23.54	23.58	23.60	23.42		
10	16QAM	25	0	22.51	22.62	22.56	22.62	23	1
10	16QAM	25	12	22.54	22.59	22.57	22.59		
10	16QAM	25	25	22.51	22.49	22.54	22.34		
10	16QAM	50	0	22.50	22.58	22.49	22.45		
10	64QAM	1	0	22.47	22.53	22.52	22.39	23	1
10	64QAM	1	25	22.33	22.42	22.44	22.38		
10	64QAM	1	49	22.29	22.41	22.32	22.29		
10	64QAM	25	0	21.54	21.66	21.62	21.64	22	2
10	64QAM	25	12	21.52	21.61	21.49	21.45		
10	64QAM	25	25	21.53	21.54	21.45	21.45		
10	64QAM	50	0	21.52	21.61	21.52	21.47		
10	256QAM	1	0	19.49	19.53	19.45	19.44	20	4
10	256QAM	1	25	19.43	19.54	19.34	19.48		
10	256QAM	1	49	19.38	19.39	19.35	19.28		
10	256QAM	25	0	19.47	19.46	19.33	19.45	20	4
10	256QAM	25	12	19.30	19.45	19.24	19.32		
10	256QAM	25	25	19.32	19.42	19.30	19.29		
10	256QAM	50	0	19.35	19.39	19.26	19.38		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	23.67	23.77	23.66	23.54	24	0
5	QPSK	1	12	23.43	23.69	23.50	23.45		
5	QPSK	1	24	23.53	23.59	23.55	23.55		
5	QPSK	12	0	23.56	23.71	23.48	23.45	24	0
5	QPSK	12	7	23.44	23.60	23.38	23.36		
5	QPSK	12	13	23.41	23.35	23.31	23.29		
5	QPSK	25	0	23.44	23.59	23.45	23.43		
5	16QAM	1	0	23.53	23.73	23.69	23.49	24	0
5	16QAM	1	12	23.53	23.66	23.57	23.55		
5	16QAM	1	24	23.55	23.61	23.49	23.40		
5	16QAM	12	0	22.52	22.71	22.54	22.68	23	1
5	16QAM	12	7	22.52	22.60	22.51	22.55		
5	16QAM	12	13	22.43	22.55	22.47	22.36		
5	16QAM	25	0	22.59	22.63	22.49	22.43	23	1
5	64QAM	1	0	22.46	22.58	22.51	22.42		
5	64QAM	1	12	22.34	22.50	22.42	22.34		
5	64QAM	1	24	22.24	22.39	22.25	22.24		
5	64QAM	12	0	21.51	21.69	21.51	21.59	22	2
5	64QAM	12	7	21.43	21.56	21.50	21.46		
5	64QAM	12	13	21.43	21.52	21.43	21.45		
5	64QAM	25	0	21.58	21.58	21.51	21.47		
5	256QAM	1	0	19.44	19.52	19.43	19.46	20	4
5	256QAM	1	12	19.48	19.49	19.38	19.42		
5	256QAM	1	24	19.32	19.47	19.42	19.33		
5	256QAM	12	0	19.48	19.54	19.33	19.48	20	4
5	256QAM	12	7	19.27	19.47	19.35	19.33		
5	256QAM	12	13	19.40	19.38	19.28	19.28		
5	256QAM	25	0	19.37	19.47	19.36	19.40		

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	29.32	29.41	29.38	30.00	20.32	20.41	20.38	21.00
GPRS 1 Tx slot	29.35	29.47	29.43	30.00	20.35	20.47	20.43	21.00
GPRS 2 Tx slots	26.38	26.51	26.42	27.00	20.38	20.51	20.42	21.00
GPRS 3 Tx slots	23.74	23.85	23.81	25.50	19.48	19.59	19.55	21.24
GPRS 4 Tx slots	22.18	22.29	22.19	24.00	19.18	19.29	19.19	21.00
EDGE 1 Tx slot	24.14	24.28	24.22	25.50	15.14	15.28	15.22	16.50
EDGE 2 Tx slots	22.45	22.58	22.49	24.00	16.45	16.56	16.49	18.00
EDGE 3 Tx slots	21.38	21.49	21.46	22.50	17.12	17.23	17.20	18.24
EDGE 4 Tx slots	19.33	19.42	19.39	20.50	16.33	16.42	16.39	17.50

Band		WCDMA II ANT2			Tune-up Limit (dBm)	WCDMA IV ANT2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.38	20.32	20.37	21.70	23.20	23.28	23.15	24.00
3GPP Rel 99	RMC 12.2Kbps	20.44	20.50	20.48	21.70	23.29	23.34	23.22	24.00
3GPP Rel 6	HSDPA Subtest-1	19.61	19.78	19.41	20.70	22.27	22.49	22.19	23.00
3GPP Rel 6	HSDPA Subtest-2	19.54	19.68	19.50	20.70	22.23	22.40	22.16	23.00
3GPP Rel 6	HSDPA Subtest-3	18.88	19.18	19.07	20.20	21.72	21.93	21.80	22.50
3GPP Rel 6	HSDPA Subtest-4	18.91	19.16	19.07	20.20	21.71	21.90	21.80	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.53	19.68	19.52	20.70	22.24	22.39	22.31	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.24	19.40	19.36	20.70	22.08	22.13	22.05	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.85	18.93	18.94	20.20	21.60	21.62	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.82	18.96	18.77	20.20	21.60	21.72	21.56	22.50
3GPP Rel 6	HSUPA Subtest-1	19.57	19.68	19.76	20.70	22.28	22.52	22.50	23.00
3GPP Rel 6	HSUPA Subtest-2	17.52	17.66	17.40	18.70	20.30	20.36	20.12	21.00
3GPP Rel 6	HSUPA Subtest-3	18.37	18.52	18.51	19.70	21.37	21.30	21.33	22.00
3GPP Rel 6	HSUPA Subtest-4	17.42	17.48	17.45	18.70	20.12	20.30	20.17	21.00
3GPP Rel 6	HSUPA Subtest-5	19.69	19.54	19.55	20.70	22.38	22.30	22.33	23.00

Band 2 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	17.81	17.96	17.78		
20	QPSK	1	49	17.81	17.67	17.59	19	0
20	QPSK	1	99	17.69	17.79	17.68		
20	QPSK	50	0	17.61	17.91	17.68		
20	QPSK	50	24	17.67	17.59	17.60	19	0
20	QPSK	50	50	17.74	17.68	17.64		
20	QPSK	100	0	17.67	17.97	17.73		
20	16QAM	1	0	17.81	17.84	17.77		
20	16QAM	1	49	17.75	17.58	17.69	19	0
20	16QAM	1	99	17.64	17.88	17.64		
20	16QAM	50	0	17.75	17.81	17.74		
20	16QAM	50	24	17.68	17.59	17.53	19	0
20	16QAM	50	50	17.70	17.81	17.77		
20	16QAM	100	0	17.72	17.75	17.75		
20	64QAM	1	0	17.79	17.83	17.79		
20	64QAM	1	49	17.65	17.66	17.66	19	0
20	64QAM	1	99	17.60	17.79	17.66		
20	64QAM	50	0	17.65	17.71	17.65		
20	64QAM	50	24	17.65	17.63	17.35	19	0
20	64QAM	50	50	17.62	17.69	17.54		
20	64QAM	100	0	17.71	17.62	17.67		
20	256QAM	1	0	16.93	16.96	16.82		
20	256QAM	1	49	16.87	16.91	16.80	17.5	1.5
20	256QAM	1	99	16.80	16.84	16.73		
20	256QAM	50	0	16.71	16.83	16.74		
20	256QAM	50	24	16.64	16.78	16.72	17.5	1.5
20	256QAM	50	50	16.66	16.71	16.60		
20	256QAM	100	0	16.73	16.78	16.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.64	17.92	17.76		
15	QPSK	1	37	17.69	17.55	17.44	19	0
15	QPSK	1	74	17.66	17.70	17.63		
15	QPSK	36	0	17.52	17.85	17.55		
15	QPSK	36	20	17.49	17.54	17.55	19	0
15	QPSK	36	39	17.68	17.61	17.46		
15	QPSK	75	0	17.60	17.72	17.66		
15	16QAM	1	0	17.64	17.68	17.72		
15	16QAM	1	37	17.66	17.53	17.62	19	0
15	16QAM	1	74	17.49	17.73	17.59		
15	16QAM	36	0	17.67	17.68	17.67		
15	16QAM	36	20	17.63	17.57	17.41	19	0
15	16QAM	36	39	17.65	17.70	17.64		
15	16QAM	75	0	17.54	17.69	17.61		
15	64QAM	1	0	17.70	17.69	17.66		
15	64QAM	1	37	17.50	17.51	17.61	19	0
15	64QAM	1	74	17.44	17.63	17.57		
15	64QAM	36	0	17.48	17.55	17.48		
15	64QAM	36	20	17.51	17.52	17.19	19	0
15	64QAM	36	39	17.57	17.58	17.43		
15	64QAM	75	0	17.69	17.50	17.64		
15	256QAM	1	0	16.86	16.89	16.71		
15	256QAM	1	37	16.74	16.86	16.70	17.5	1.5
15	256QAM	1	74	16.76	16.76	16.69		
15	256QAM	36	0	16.63	16.73	16.71		
15	256QAM	36	20	16.56	16.73	16.63	17.5	1.5
15	256QAM	36	39	16.58	16.62	16.56		
15	256QAM	75	0	16.62	16.74	16.63		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.67	17.93	17.69		
10	QPSK	1	25	17.67	17.49	17.57	19	0
10	QPSK	1	49	17.57	17.71	17.55		
10	QPSK	25	0	17.57	17.88	17.52		
10	QPSK	25	12	17.53	17.52	17.55	19	0
10	QPSK	25	25	17.69	17.61	17.57		
10	QPSK	50	0	17.65	17.76	17.55		
10	16QAM	1	0	17.70	17.81	17.70		
10	16QAM	1	25	17.59	17.50	17.57	19	0
10	16QAM	1	49	17.47	17.72	17.55		
10	16QAM	25	0	17.73	17.70	17.64		
10	16QAM	25	12	17.50	17.41	17.36	19	0
10	16QAM	25	25	17.60	17.76	17.69		
10	16QAM	50	0	17.64	17.58	17.58		
10	64QAM	1	0	17.62	17.79	17.75		
10	64QAM	1	25	17.54	17.61	17.63	19	0
10	64QAM	1	49	17.45	17.61	17.50		
10	64QAM	25	0	17.52	17.68	17.48		
10	64QAM	25	12	17.48	17.53	17.26	19	0
10	64QAM	25	25	17.55	17.64	17.43		
10	64QAM	50	0	17.61	17.54	17.53		
10	256QAM	1	0	16.89	16.83	16.68		
10	256QAM	1	25	16.80	16.79	16.69	17.5	1.5
10	256QAM	1	49	16.69	16.74	16.64		
10	256QAM	25	0	16.65	16.77	16.62		
10	256QAM	25	12	16.53	16.68	16.67	17.5	1.5
10	256QAM	25	25	16.59	16.67	16.46		
10	256QAM	50	0	16.62	16.73	16.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.79	17.93	17.67		
5	QPSK	1	12	17.72	17.60	17.54	19	0
5	QPSK	1	24	17.59	17.77	17.55		
5	QPSK	12	0	17.45	17.78	17.51		
5	QPSK	12	7	17.58	17.45	17.43	19	0
5	QPSK	12	13	17.58	17.59	17.61		
5	QPSK	25	0	17.58	17.82	17.60		
5	16QAM	1	0	17.63	17.75	17.71		
5	16QAM	1	12	17.71	17.43	17.57	19	0
5	16QAM	1	24	17.58	17.85	17.56		
5	16QAM	12	0	17.60	17.74	17.60		
5	16QAM	12	7	17.50	17.46	17.41	19	0
5	16QAM	12	13	17.57	17.72	17.59		
5	16QAM	25	0	17.65	17.62	17.73		
5	64QAM	1	0	17.76	17.71	17.64		
5	64QAM	1	12	17.56	17.51	17.49	19	0
5	64QAM	1	24	17.42	17.73	17.58		
5	64QAM	12	0	17.52	17.58	17.53		
5	64QAM	12	7	17.54	17.54	17.23	19	0
5	64QAM	12	13	17.56	17.65	17.41		
5	64QAM	25	0	17.67	17.54	17.56		
5	256QAM	1	0	16.83	16.88	16.73		
5	256QAM	1	12	16.77	16.84	16.72	17.5	1.5
5	256QAM	1	24	16.69	16.77	16.67		
5	256QAM	12	0	16.59	16.78	16.63		
5	256QAM	12	7	16.53	16.71	16.62	17.5	1.5
5	256QAM	12	13	16.61	16.63	16.46		
5	256QAM	25	0	16.62	16.74	16.64		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.75	17.83	17.69		
3	QPSK	1	8	17.74	17.65	17.44	19	0
3	QPSK	1	14	17.53	17.76	17.62		
3	QPSK	8	0	17.58	17.84	17.62		
3	QPSK	8	4	17.59	17.41	17.57	19	0
3	QPSK	8	7	17.56	17.61	17.53		
3	QPSK	15	0	17.51	17.76	17.64		
3	16QAM	1	0	17.63	17.73	17.73		
3	16QAM	1	8	17.64	17.47	17.55	19	0
3	16QAM	1	14	17.51	17.71	17.59		
3	16QAM	8	0	17.72	17.78	17.63		
3	16QAM	8	4	17.55	17.50	17.52	19	0
3	16QAM	8	7	17.54	17.72	17.67		
3	16QAM	15	0	17.66	17.62	17.70		
3	64QAM	1	0	17.68	17.73	17.62		
3	64QAM	1	8	17.58	17.60	17.60	19	0
3	64QAM	1	14	17.54	17.75	17.51		
3	64QAM	8	0	17.48	17.67	17.52		
3	64QAM	8	4	17.56	17.60	17.31	19	0
3	64QAM	8	7	17.45	17.52	17.47		
3	64QAM	15	0	17.63	17.48	17.50		
3	256QAM	1	0	16.80	16.83	16.72		
3	256QAM	1	8	16.73	16.84	16.65	17.5	1.5
3	256QAM	1	14	16.76	16.79	16.68		
3	256QAM	8	0	16.62	16.72	16.63		
3	256QAM	8	4	16.53	16.74	16.67	17.5	1.5
3	256QAM	8	7	16.57	16.67	16.50		
3	256QAM	15	0	16.64	16.71	16.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.75	17.85	17.61		
1.4	QPSK	1	3	17.64	17.55	17.48		
1.4	QPSK	1	5	17.66	17.65	17.51	19	0
1.4	QPSK	3	0	17.51	17.88	17.60		
1.4	QPSK	3	1	17.52	17.43	17.46		
1.4	QPSK	3	3	17.61	17.58	17.59		
1.4	QPSK	6	0	17.51	17.73	17.58	19	0
1.4	16QAM	1	0	17.72	17.77	17.67		
1.4	16QAM	1	3	17.70	17.41	17.53		
1.4	16QAM	1	5	17.52	17.80	17.56	19	0
1.4	16QAM	3	0	17.69	17.72	17.57		
1.4	16QAM	3	1	17.50	17.54	17.50		
1.4	16QAM	3	3	17.55	17.79	17.63		
1.4	16QAM	6	0	17.66	17.64	17.65	19	0
1.4	64QAM	1	0	17.74	17.80	17.76		
1.4	64QAM	1	3	17.53	17.53	17.53		
1.4	64QAM	1	5	17.50	17.76	17.53	19	0
1.4	64QAM	3	0	17.49	17.67	17.60		
1.4	64QAM	3	1	17.58	17.60	17.19		
1.4	64QAM	3	3	17.54	17.63	17.46		
1.4	64QAM	6	0	17.67	17.46	17.58	19	0
1.4	256QAM	1	0	16.87	16.86	16.74		
1.4	256QAM	1	3	16.76	16.85	16.71		
1.4	256QAM	1	5	16.69	16.72	16.60	17.5	1.5
1.4	256QAM	3	0	16.63	16.73	16.67		
1.4	256QAM	3	1	16.52	16.68	16.60		
1.4	256QAM	3	3	16.57	16.59	16.46		
1.4	256QAM	6	0	16.66	16.71	16.61	17.5	1.5

Band 4 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.16	21.30	21.12		
20	QPSK	1	49	20.99	21.11	20.94	22	0
20	QPSK	1	99	20.98	21.11	20.88		
20	QPSK	50	0	20.85	20.89	20.81		
20	QPSK	50	24	20.77	20.84	20.72	21.5	0.5
20	QPSK	50	50	20.72	20.77	20.67		
20	QPSK	100	0	20.76	20.94	20.69		
20	16QAM	1	0	20.67	20.81	20.72		
20	16QAM	1	49	20.69	20.76	20.69	21.5	0.5
20	16QAM	1	99	20.59	20.69	20.62		
20	16QAM	50	0	19.91	19.97	19.94		
20	16QAM	50	24	19.78	19.92	19.80	20.5	1.5
20	16QAM	50	50	19.80	19.85	19.79		
20	16QAM	100	0	19.81	19.91	19.78		
20	64QAM	1	0	19.71	19.83	19.68		
20	64QAM	1	49	19.69	19.78	19.69	20.5	1.5
20	64QAM	1	99	19.61	19.71	19.57		
20	64QAM	50	0	18.80	18.92	18.86		
20	64QAM	50	24	18.79	18.87	18.80	19.5	2.5
20	64QAM	50	50	18.76	18.80	18.66		
20	64QAM	100	0	18.83	18.86	18.77		
20	256QAM	1	0	16.85	16.92	16.86		
20	256QAM	1	49	16.73	16.87	16.79	17.5	4.5
20	256QAM	1	99	16.71	16.80	16.70		
20	256QAM	50	0	16.78	16.88	16.85		
20	256QAM	50	24	16.79	16.83	16.70	17.5	4.5
20	256QAM	50	50	16.68	16.76	16.66		
20	256QAM	100	0	16.70	16.84	16.78		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.01	21.25	20.98		
15	QPSK	1	37	20.87	20.97	20.82	22	0
15	QPSK	1	74	20.90	21.07	20.83		
15	QPSK	36	0	20.78	20.82	20.75		
15	QPSK	36	20	20.71	20.79	20.67	21.5	0.5
15	QPSK	36	39	20.68	20.63	20.53		
15	QPSK	75	0	20.65	20.74	20.62		
15	16QAM	1	0	20.54	20.76	20.61		
15	16QAM	1	37	20.62	20.63	20.62	21.5	0.5
15	16QAM	1	74	20.56	20.63	20.54		
15	16QAM	36	0	19.79	19.93	19.88		
15	16QAM	36	20	19.69	19.78	19.66	20.5	1.5
15	16QAM	36	39	19.75	19.71	19.66		
15	16QAM	75	0	19.70	19.84	19.65		
15	64QAM	1	0	19.57	19.79	19.54		
15	64QAM	1	37	19.60	19.71	19.59	20.5	1.5
15	64QAM	1	74	19.56	19.67	19.44		
15	64QAM	36	0	18.66	18.76	18.72		
15	64QAM	36	20	18.67	18.75	18.69	19.5	2.5
15	64QAM	36	39	18.72	18.72	18.56		
15	64QAM	75	0	18.68	18.79	18.64		
15	256QAM	1	0	16.79	16.81	16.72		
15	256QAM	1	37	16.66	16.79	16.76	17.5	4.5
15	256QAM	1	74	16.67	16.70	16.65		
15	256QAM	36	0	16.69	16.78	16.80		
15	256QAM	36	20	16.73	16.77	16.59	17.5	4.5
15	256QAM	36	39	16.64	16.67	16.63		
15	256QAM	75	0	16.59	16.73	16.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.02	21.16	21.04		
10	QPSK	1	25	20.95	20.98	20.83	22	0
10	QPSK	1	49	20.94	20.96	20.73		
10	QPSK	25	0	20.73	20.84	20.68		
10	QPSK	25	12	20.71	20.78	20.64	21.5	0.5
10	QPSK	25	25	20.64	20.69	20.58		
10	QPSK	50	0	20.71	20.76	20.62		
10	16QAM	1	0	20.59	20.69	20.60		
10	16QAM	1	25	20.63	20.67	20.56	21.5	0.5
10	16QAM	1	49	20.45	20.64	20.55		
10	16QAM	25	0	19.83	19.86	19.85		
10	16QAM	25	12	19.75	19.89	19.70	20.5	1.5
10	16QAM	25	25	19.72	19.80	19.71		
10	16QAM	50	0	19.73	19.83	19.71		
10	64QAM	1	0	19.66	19.72	19.61		
10	64QAM	1	25	19.65	19.64	19.60	20.5	1.5
10	64QAM	1	49	19.54	19.64	19.44		
10	64QAM	25	0	18.77	18.84	18.72		
10	64QAM	25	12	18.76	18.79	18.70	19.5	2.5
10	64QAM	25	25	18.65	18.68	18.56		
10	64QAM	50	0	18.77	18.75	18.69		
10	256QAM	1	0	16.73	16.84	16.78		
10	256QAM	1	25	16.66	16.81	16.66	17.5	4.5
10	256QAM	1	49	16.64	16.75	16.60		
10	256QAM	25	0	16.64	16.79	16.79		
10	256QAM	25	12	16.66	16.69	16.56	17.5	4.5
10	256QAM	25	25	16.55	16.66	16.63		
10	256QAM	50	0	16.63	16.75	16.64		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.04	21.24	21.03		
5	QPSK	1	12	20.96	21.03	20.87	22	0
5	QPSK	1	24	20.91	21.07	20.84		
5	QPSK	12	0	20.78	20.80	20.69		
5	QPSK	12	7	20.68	20.72	20.61	21.5	0.5
5	QPSK	12	13	20.66	20.71	20.61		
5	QPSK	25	0	20.63	20.74	20.55		
5	16QAM	1	0	20.58	20.73	20.67		
5	16QAM	1	12	20.59	20.72	20.56	21.5	0.5
5	16QAM	1	24	20.46	20.62	20.56		
5	16QAM	12	0	19.77	19.87	19.84		
5	16QAM	12	7	19.72	19.78	19.75	20.5	1.5
5	16QAM	12	13	19.70	19.78	19.64		
5	16QAM	25	0	19.66	19.78	19.69		
5	64QAM	1	0	19.62	19.72	19.56		
5	64QAM	1	12	19.56	19.74	19.65	20.5	1.5
5	64QAM	1	24	19.48	19.56	19.45		
5	64QAM	12	0	18.77	18.86	18.82		
5	64QAM	12	7	18.72	18.79	18.67	19.5	2.5
5	64QAM	12	13	18.64	18.68	18.51		
5	64QAM	25	0	18.70	18.80	18.71		
5	256QAM	1	0	16.82	16.79	16.81		
5	256QAM	1	12	16.69	16.78	16.66	17.5	4.5
5	256QAM	1	24	16.68	16.73	16.55		
5	256QAM	12	0	16.71	16.74	16.75		
5	256QAM	12	7	16.76	16.75	16.60	17.5	4.5
5	256QAM	12	13	16.64	16.64	16.52		
5	256QAM	25	0	16.65	16.80	16.65		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.04	21.17	21.03		
3	QPSK	1	8	20.87	21.01	20.80	22	0
3	QPSK	1	14	20.90	21.06	20.81		
3	QPSK	8	0	20.75	20.81	20.73		
3	QPSK	8	4	20.63	20.71	20.57	21.5	0.5
3	QPSK	8	7	20.67	20.69	20.58		
3	QPSK	15	0	20.71	20.71	20.55		
3	16QAM	1	0	20.59	20.76	20.65		
3	16QAM	1	8	20.63	20.68	20.61	21.5	0.5
3	16QAM	1	14	20.55	20.63	20.52		
3	16QAM	8	0	19.78	19.83	19.84		
3	16QAM	8	4	19.72	19.82	19.74	20.5	1.5
3	16QAM	8	7	19.66	19.81	19.68		
3	16QAM	15	0	19.76	19.77	19.68		
3	64QAM	1	0	19.59	19.79	19.58		
3	64QAM	1	8	19.57	19.73	19.66	20.5	1.5
3	64QAM	1	14	19.58	19.61	19.50		
3	64QAM	8	0	18.76	18.79	18.79		
3	64QAM	8	4	18.67	18.77	18.67	19.5	2.5
3	64QAM	8	7	18.68	18.75	18.63		
3	64QAM	15	0	18.79	18.81	18.65		
3	256QAM	1	0	16.77	16.79	16.77		
3	256QAM	1	8	16.59	16.79	16.64	17.5	4.5
3	256QAM	1	14	16.63	16.75	16.58		
3	256QAM	8	0	16.74	16.83	16.77		
3	256QAM	8	4	16.72	16.75	16.58	17.5	4.5
3	256QAM	8	7	16.60	16.64	16.55		
3	256QAM	15	0	16.57	16.70	16.70		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.08	21.16	21.06		
1.4	QPSK	1	3	20.94	21.02	20.90		
1.4	QPSK	1	5	20.84	21.05	20.78	22	0
1.4	QPSK	3	0	20.95	21.10	20.91		
1.4	QPSK	3	1	20.94	20.97	20.87		
1.4	QPSK	3	3	20.95	20.83	20.87		
1.4	QPSK	6	0	20.74	20.82	20.69	21.5	0.5
1.4	16QAM	1	0	20.64	20.79	20.67		
1.4	16QAM	1	3	20.64	20.72	20.56		
1.4	16QAM	1	5	20.64	20.79	20.56	21.5	0.5
1.4	16QAM	3	0	20.57	20.77	20.69		
1.4	16QAM	3	1	20.63	20.64	20.62		
1.4	16QAM	3	3	20.51	20.63	20.55		
1.4	16QAM	6	0	19.76	19.92	19.89	20.5	1.5
1.4	64QAM	1	0	19.66	19.88	19.70		
1.4	64QAM	1	3	19.74	19.71	19.75		
1.4	64QAM	1	5	19.72	19.77	19.72	20.5	1.5
1.4	64QAM	3	0	19.56	19.75	19.64		
1.4	64QAM	3	1	19.58	19.66	19.64		
1.4	64QAM	3	3	19.51	19.57	19.54		
1.4	64QAM	6	0	18.66	18.78	18.72	19.5	2.5
1.4	256QAM	1	0	16.80	16.82	16.78		
1.4	256QAM	1	3	16.69	16.83	16.67		
1.4	256QAM	1	5	16.66	16.66	16.61	17.5	4.5
1.4	256QAM	3	0	16.66	16.76	16.74		
1.4	256QAM	3	1	16.67	16.68	16.61		
1.4	256QAM	3	3	16.62	16.69	16.55		
1.4	256QAM	6	0	16.65	16.79	16.67	17.5	4.5

Band 7 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.39	16.42	16.35		
20	QPSK	1	49	16.31	16.32	16.34	17.7	0
20	QPSK	1	99	16.36	16.30	16.33		
20	QPSK	50	0	16.30	16.38	16.36		
20	QPSK	50	24	16.18	16.23	16.20	17.7	0
20	QPSK	50	50	16.27	16.31	16.29		
20	QPSK	100	0	16.32	16.35	16.27		
20	16QAM	1	0	16.36	16.27	16.33		
20	16QAM	1	49	16.27	16.21	16.28	17.7	0

Band 25 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.95	18.00	17.93		
20	QPSK	1	49	17.84	17.85	17.76	19	0
20	QPSK	1	99	17.85	17.96	17.81		
20	QPSK	50	0	17.79	17.94	17.83		
20	QPSK	50	24	17.76	17.70	17.62	19	0
20	QPSK	50	50	17.83	17.84	17.71		
20	QPSK	100	0	17.83	17.91	17.87		
20	16QAM	1	0	17.88	17.89	17.87		
20	16QAM	1	49	17.79	17.70	17.73	19	0
20	16QAM	1	99	17.78	17.94	17.80		
20	16QAM	50	0	17.90	17.85	17.83		
20	16QAM	50	24	17.82	17.73	17.62	19	0
20	16QAM	50	50	17.77	17.89	17.80		
20	16QAM	100	0	17.75	17.88	17.82		
20	64QAM	1	0	17.85	17.87	17.84		
20	64QAM	1	49	17.74	17.72	17.72	19	0
20	64QAM	1	99	17.71	17.87	17.74		
20	64QAM	50	0	17.70	17.89	17.71		
20	64QAM	50	24	17.73	17.66	17.49	19	0
20	64QAM	50	50	17.70	17.72	17.59		
20	64QAM	100	0	17.78	17.77	17.72		
20	256QAM	1	0	17.11	17.17	17.06		
20	256QAM	1	49	17.04	17.12	17.05	17.5	1.5
20	256QAM	1	99	17.00	17.05	16.93		
20	256QAM	50	0	16.90	16.97	16.87		
20	256QAM	50	24	16.88	16.92	16.89	17.5	1.5
20	256QAM	50	50	16.74	16.85	16.71		
20	256QAM	100	0	16.84	16.99	16.95		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.90	17.85	17.81		
15	QPSK	1	37	17.71	17.70	17.72	19	0
15	QPSK	1	74	17.68	17.86	17.76		
15	QPSK	36	0	17.61	17.89	17.78		
15	QPSK	36	20	17.71	17.53	17.44	19	0
15	QPSK	36	39	17.67	17.86	17.54		
15	QPSK	75	0	17.78	17.80	17.79		
15	16QAM	1	0	17.83	17.74	17.79		
15	16QAM	1	37	17.64	17.56	17.57	19	0
15	16QAM	1	74	17.68	17.80	17.72		
15	16QAM	36	0	17.74	17.72	17.67		
15	16QAM	36	20	17.80	17.70	17.47	19	0
15	16QAM	36	39	17.65	17.79	17.66		
15	16QAM	75	0	17.69	17.78	17.72		
15	64QAM	1	0	17.72	17.70	17.78		
15	64QAM	1	37	17.60	17.65	17.61	19	0
15	64QAM	1	74	17.68	17.72	17.72		
15	64QAM	36	0	17.62	17.85	17.63		
15	64QAM	36	20	17.64	17.52	17.43	19	0
15	64QAM	36	39	17.68	17.58	17.56		
15	64QAM	75	0	17.68	17.67	17.60		
15	256QAM	1	0	16.97	17.13	16.92		
15	256QAM	1	37	16.92	17.00	17.00	17.5	1.5
15	256QAM	1	74	16.86	16.95	16.87		
15	256QAM	36	0	16.81	16.88	16.81		
15	256QAM	36	20	16.77	16.86	16.76	17.5	1.5
15	256QAM	36	39	16.64	16.74	16.66		
15	256QAM	75	0	16.71	16.92	16.92		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.87	17.97	17.81		
10	QPSK	1	25	17.68	17.79	17.66	19	0
10	QPSK	1	49	17.77	17.93	17.78		
10	QPSK	25	0	17.67	17.78	17.70		
10	QPSK	25	12	17.71	17.53	17.48	19	0
10	QPSK	25	25	17.81	17.68	17.59		
10	QPSK	50	0	17.74	17.77	17.73		
10	16QAM	1	0	17.79	17.78	17.77		
10	16QAM	1	25	17.70	17.62	17.70	19	0
10	16QAM	1	49	17.66	17.84	17.64		
10	16QAM	25	0	17.76	17.80	17.77		
10	16QAM	25	12	17.74	17.68	17.56	19	0
10	16QAM	25	25	17.70	17.77	17.63		
10	16QAM	50	0	17.71	17.72	17.79		
10	64QAM	1	0	17.67	17.73	17.80		
10	64QAM	1	25	17.71	17.62	17.56	19	0
10	64QAM	1	49	17.66	17.77	17.70		
10	64QAM	25	0	17.66	17.85	17.67		
10	64QAM	25	12	17.62	17.56	17.40	19	0
10	64QAM	25	25	17.62	17.63	17.52		
10	64QAM	50	0	17.66	17.71	17.69		
10	256QAM	1	0	17.06	17.09	17.00		
10	256QAM	1	25	16.94	17.04	16.99	17.5	1.5
10	256QAM	1	49	16.92	16.98	16.86		
10	256QAM	25	0	16.79	16.89	16.76		
10	256QAM	25	12	16.77	16.88	16.74	17.5	1.5
10	256QAM	25	25	16.70	16.72	16.58		
10	256QAM	50	0	16.79	16.95	16.82		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.80	17.83	17.80		
5	QPSK	1	12	17.73	17.71	17.73	19	0
5	QPSK	1	24	17.70	17.83	17.65		
5	QPSK	12	0	17.72	17.82	17.75		
5	QPSK	12	7	17.65	17.68	17.56	19	0
5	QPSK	12	13	17.76	17.77	17.64		
5	QPSK	25	0	17.76	17.84	17.76		
5	16QAM	1	0	17.74	17.78	17.71		
5	16QAM	1	12	17.74	17.65	17.64	19	0
5	16QAM	1	24	17.61	17.83	17.72		
5	16QAM	12	0	17.83	17.71	17.78		
5	16QAM	12	7	17.68	17.55	17.50	19	0
5	16QAM	12	13	17.75	17.77	17.68		
5	16QAM	25	0	17.66	17.73	17.74		
5	64QAM	1	0	17.75	17.85	17.74		
5	64QAM	1	12	17.61	17.59	17.57	19	0
5	64QAM	1	24	17.59	17.84	17.64		
5	64QAM	12	0	17.67	17.76	17.67		
5	64QAM	12	7	17.69	17.51	17.37	19	0
5	64QAM	12	13	17.60	17.57	17.49		
5	64QAM	25	0	17.60	17.71	17.68		
5	256QAM	1	0	17.02	17.13	17.00		
5	256QAM	1	12	16.96	16.97	16.92	17.5	1.5
5	256QAM	1	24	16.88	16.90	16.83		
5	256QAM	12	0	16.84	16.84	16.82		
5	256QAM	12	7	16.74	16.81	16.84	17.5	1.5
5	256QAM	12	13	16.65	16.74	16.65		
5	256QAM	25	0	16.73	16.84	16.89		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.88	17.85	17.79		
3	QPSK	1	8	17.74	17.82	17.66	19	0
3	QPSK	1	14	17.83	17.85	17.77		
3	QPSK	8	0	17.68	17.77	17.77		
3	QPSK	8	4	17.70	17.68	17.51	19	0
3	QPSK	8	7	17.68	17.70	17.54		
3	QPSK	15	0	17.81	17.84	17.72		
3	16QAM	1	0	17.75	17.81	17.83		
3	16QAM	1	8	17.69	17.60	17.66	19	0
3	16QAM	1	14	17.75	17.91	17.76		
3	16QAM	8	0	17.76	17.77	17.77		
3	16QAM	8	4	17.66	17.70	17.55	19	0
3	16QAM	8	7	17.62	17.73	17.71		
3	16QAM	15	0	17.57	17.76	17.66		
3	64QAM	1	0	17.76	17.79	17.81		
3	64QAM	1	8	17.65	17.66	17.59	19	0
3	64QAM	1	14	17.66	17.71	17.58		
3	64QAM	8	0	17.55	17.73	17.58		
3	64QAM	8	4	17.70	17.52	17.42	19	0
3	64QAM	8	7	17.53	17.68	17.44		
3	64QAM	15	0	17.66	17.63	17.63		
3	256QAM	1	0	17.05	17.11	16.96		
3	256QAM	1	8	16.91	16.97	16.91	17.5	1.5
3	256QAM	1	14	16.96	16.92	16.79		
3	256QAM	8	0	16.77	16.87	16.82		
3	256QAM	8	4	16.85	16.89	16.84	17.5	1.5
3	256QAM	8	7	16.66	16.78	16.57		
3	256QAM	15	0	16.71	16.93	16.87		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.86	17.84	17.84		
1.4	QPSK	1	3	17.71	17.75	17.67		
1.4	QPSK	1	5	17.73	17.85	17.68	19	0
1.4	QPSK	3	0	17.61	17.76	17.70		
1.4	QPSK	3	1	17.65	17.59	17.60		
1.4	QPSK	3	3	17.65	17.69	17.56		
1.4	QPSK	6	0	17.65	17.85	17.73	19	0
1.4	16QAM	1	0	17.83	17.77	17.84		
1.4	16QAM	1	3	17.64	17.66	17.56		
1.4	16QAM	1	5	17.67	17.77	17.78	19	0
1.4	16QAM	3	0	17.72	17.68	17.76		
1.4	16QAM	3	1	17.69	17.63	17.59		
1.4	16QAM	3	3	17.66	17.76	17.73		
1.4	16QAM	6	0	17.59	17.81	17.79	19	0
1.4	64QAM	1	0	17.73	17.69	17.82		
1.4	64QAM	1	3	17.60	17.69	17.68		
1.4	64QAM	1	5	17.60	17.70	17.70	19	0
1.4	64QAM	3	0	17.58	17.82	17.54		
1.4	64QAM	3	1	17.59	17.63	17.39		
1.4	64QAM	3	3	17.65	17.64	17.47		
1.4	64QAM	6	0	17.73	17.63	17.62	19	0
1.4	256QAM	1	0	17.00	17.09	16.92		
1.4	256QAM	1	3	16.90	16.98	17.01		
1.4	256QAM	1	5	16.93	16.94	16.89	17.5	1.5
1.4	256QAM	3	0	16.81	16.84	16.73		
1.4	256QAM	3	1	16.74	16.78	16.76		
1.4	256QAM	3	3	16.67	16.71	16.56		
1.4	256QAM	6	0	16.64	15.93	15.76	17.5	1.5

Band 66 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.43	21.57	21.51		
20	QPSK	1	49	21.38	21.52	21.45	22	0
20	QPSK	1	99	21.41	21.45	21.38		
20	QPSK	50	0	20.61	20.72	20.58		
20	QPSK	50	24	20.52	20.64	20.51	21	1
20	QPSK	50	50	20.51	20.57	20.43		
20	QPSK	100	0	20.56	20.65	20.57		
20	16QAM	1	0	20.73	20.87	20.84		
20	16QAM	1	49	20.72	20.82	20.72	21	1
20	16QAM	1	99	20.69	20.75	20.67		
20	16QAM	50	0	19.68	19.77	19.64		
20	16QAM	50	24	19.63	19.72	19.62	20	2
20	16QAM	50	50	19.53	19.65	19.50		
20	16QAM	100	0	19.62	19.69	19.58		
20	64QAM	1	0	19.64	19.77	19.73		
20	64QAM	1	49	19.62	19.72	19.58	20	2
20	64QAM	1	99	19.55	19.65	19.54		
20	64QAM	50	0	18.53	18.64	18.58		
20	64QAM	50	24	18.44	18.59	18.51	19	3
20	64QAM	50	50	18.38	18.52	18.47		
20	64QAM	100	0	18.67	18.73	18.59		
20	256QAM	1	0	16.62	16.71	16.60		
20	256QAM	1	49	16.57	16.66	16.60	17	5
20	256QAM	1	99	16.45	16.59	16.49		
20	256QAM	50	0	16.53	16.63	16.50		
20	256QAM	50	24	16.48	16.58	16.50	17	5
20	256QAM	50	50	16.43	16.51	16.37		
20	256QAM	100	0	16.52	16.61	16.49		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.36	21.53	21.42		
15	QPSK	1	37	21.26	21.40	21.37	22	0
15	QPSK	1	74	21.35	21.31	21.27		
15	QPSK	36	0	20.58	20.60	20.44		
15	QPSK	36	20	20.46	20.56	20.38	21	1
15	QPSK	36	39	20.45	20.43	20.37		
15	QPSK	75	0	20.42	20.57	20.52		
15	16QAM	1	0	20.64	20.77	20.72		
15	16QAM	1	37	20.62	20.71	20.66	21	1
15	16QAM	1	74	20.65	20.68	20.54		
15	16QAM	36	0	19.55	19.63	19.60		
15	16QAM	36	20	19.48	19.61	19.56	20	2
15	16QAM	36	39	19.45	19.50	19.40		
15	16QAM	75	0	19.50	19.58	19.47		
15	64QAM	1	0	19.58	19.72	19.59		
15	64QAM	1	37	19.49	19.68	19.54	20	2
15	64QAM	1	74	19.42	19.54	19.44		
15	64QAM	36	0	18.48	18.51	18.54		
15	64QAM	36	20	18.33	18.51	18.43	19	3
15	64QAM	36	39	18.25	18.44	18.39		
15	64QAM	75	0	18.54	18.61	18.55		
15	256QAM	1	0	16.53	16.57	16.51		
15	256QAM	1	37	16.51	16.56	16.57	17	5
15	256QAM	1	74	16.37	16.56	16.42		
15	256QAM	36	0	16.43	16.50	16.37		
15	256QAM	36	20	16.39	16.46	16.40	17	5
15	256QAM	36	39	16.34	16.47	16.31		
15	256QAM	75	0	16.46	16.47	16.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.28	21.50	21.40		
10	QPSK	1	25	21.29	21.47	21.38	22	0
10	QPSK	1	49	21.28	21.31	21.24		
10	QPSK	25	0	20.50	20.59	20.47		
10	QPSK	25	12	20.42	20.56	20.41	21	1
10	QPSK	25	25	20.44	20.49	20.30		
10	QPSK	50	0	20.50	20.52	20.44		
10	16QAM	1	0	20.62	20.74	20.77		
10	16QAM	1	25	20.60	20.79	20.61	21	1
10	16QAM	1	49	20.56	20.62	20.61		
10	16QAM	25	0	19.56	19.69	19.52		
10	16QAM	25	12	19.56	19.61	19.53	20	2
10	16QAM	25	25	19.44	19.54	19.41		
10	16QAM	50	0	19.49	19.66	19.48		
10	64QAM	1	0	19.53	19.64	19.60		
10	64QAM	1	25	19.53	19.58	19.48	20	2
10	64QAM	1	49	19.45	19.62	19.49		
10	64QAM	25	0	18.45	18.53	18.49		
10	64QAM	25	12	18.38	18.49	18.45	19	3
10	64QAM	25	25	18.33	18.42	18.42		
10	64QAM	50	0	18.56	18.67	18.51		
10	256QAM	1	0	16.59	16.64	16.50		
10	256QAM	1	25	16.52	16.61	16.46	17	5
10	256QAM	1	49	16.30	16.52	16.38		
10	256QAM	25	0	16.46	16.59	16.45		
10	256QAM	25	12	16.43	16.52	16.47	17	5
10	256QAM	25	25	16.39	16.37	16.32		
10	256QAM	50	0	16.39	16.58	16.46		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.35	21.44	21.41		
5	QPSK	1	12	21.26	21.38	21.40	22	0
5	QPSK	1	24	21.27	21.33	21.31		
5	QPSK	12	0	20.54	20.60	20.47		
5	QPSK	12	7	20.40	20.54	20.36	21	1
5	QPSK	12	13	20.37	20.45	20.29		
5	QPSK	25	0	20.49	20.53	20.44		
5	16QAM	1	0	20.59	20.73	20.80		
5	16QAM	1	12	20.58	20.74	20.64	21	1
5	16QAM	1	24	20.61	20.66	20.63		
5	16QAM	12	0	19.63	19.69	19.49		
5	16QAM	12	7	19.56	19.62	19.48	20	2
5	16QAM	12	13	19.38	19.53	19.36		
5	16QAM	25	0	19.56	19.54	19.55		
5	64QAM	1	0	19.50	19.73	19.63		
5	64QAM	1	12	19.55	19.66	19.48	20	2
5	64QAM	1	24	19.43	19.58	19.40		
5	64QAM	12	0	18.46	18.60	18.51		
5	64QAM	12	7	18.40	18.45	18.41	19	3
5	64QAM	12	13	18.26	18.43	18.36		
5	64QAM	25	0	18.59	18.60	18.46		
5	256QAM	1	0	16.53	16.57	16.52		
5	256QAM	1	12	16.52	16.58	16.47	17	5
5	256QAM	1	24	16.33	16.45	16.37		
5	256QAM	12	0	16.43	16.53	16.36		
5	256QAM	12	7	16.43	16.44	16.46	17	5
5	256QAM	12	13	16.40	16.37	16.22		
5	256QAM	25	0	16.44	16.51	16.36		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.31	21.47	21.42		
3	QPSK	1	8	21.25	21.43	21.36	22	0
3	QPSK	1	14	21.34	21.40	21.35		
3	QPSK	8	0	20.57	20.64	20.43		
3	QPSK	8	4	20.43	20.49	20.42	21	1
3	QPSK	8	7	20.41	20.48	20.32		
3	QPSK	15	0	20.42	20.51	20.50		
3	16QAM	1	0	20.63	20.81	20.81		
3	16QAM	1	8	20.63	20.71	20.61	21	1
3	16QAM	1	14	20.63	20.71	20.52		
3	16QAM	8	0	19.62	19.71	19.57		
3	16QAM	8	4	19.51	19.68	19.51	20	2
3	16QAM	8	7	19.49	19.53	19.44		
3	16QAM	15	0	19.58	19.64	19.50		
3	64QAM	1	0	19.55	19.72	19.62		
3	64QAM	1	8	19.48	19.58	19.49	20	2
3	64QAM	1	14	19.42	19.60	19.49		
3	64QAM	8	0	18.41	18.53	18.45		
3	64QAM	8	4	18.34	18.56	18.39	19	3
3	64QAM	8	7	18.29	18.38	18.37		
3	64QAM	15	0	18.56	18.65	18.54		
3	256QAM	1	0	16.53	16.60	16.51		
3	256QAM	1	8	16.52	16.56	16.52	17	5
3	256QAM	1	14	16.32	16.53	16.37		
3	256QAM	8	0	16.39	16.60	16.45		
3	256QAM	8	4	16.41	16.49	16.38	17	5
3	256QAM	8	7	16.29	16.41	16.30		
3	256QAM	15	0	16.42	16.48	16.42		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.35	21.48	21.39		
1.4	QPSK	1	3	21.34	21.39	21.33		
1.4	QPSK	1	5	21.38	21.41	21.35	22	0
1.4	QPSK	3	0	21.33	21.46	21.39		
1.4	QPSK	3	1	21.26	21.39	21.42		
1.4	QPSK	3	3	21.26	21.37	21.30		
1.4	QPSK	6	0	20.56	20.69	20.51	21	1
1.4	16QAM	1	0	20.40	20.49	20.47		
1.4	16QAM	1	3	20.40	20.53	20.32		
1.4	16QAM	1	5	20.52	20.61	20.53	21	1
1.4	16QAM	3	0	20.65	20.83	20.69		
1.4	16QAM	3	1	20.58	20.70	20.67		
1.4	16QAM	3	3	20.65	20.61	20.64		
1.4	16QAM	6	0	19.54	19.68	19.58	20	2
1.4	64QAM	1	0	19.59	19.66	19.51		
1.4	64QAM	1	3	19.42	19.54	19.41		
1.4	64QAM	1	5	19.48	19.54	19.50	20	2
1.4	64QAM	3	0	19.59	19.68	19.65		
1.4	64QAM	3	1	19.49	19.58	19.48		
1.4	64QAM	3	3	19.42	19.50	19.43		
1.4	64QAM	6	0	18.40	18.51	18.47	19	3
1.4	256QAM	1	0	16.49	16.65	16.49		
1.4	256QAM	1	3	16.49	16.59	16.50		
1.4	256QAM	1	5	16.32	16.51	16.43	17	5
1.4	256QAM	3	0	16.47	16.48	16.37		
1.4	256QAM	3	1	16.38	16.45	16.44		
1.4	256QAM	3	3	16.29	16.39	16.25		
1.4	256QAM	6	0	16.42	16.47	16.38	17	5

Band 38 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.82	19.90	19.80	20.9	0
20	QPSK	1	49	19.78	19.86	19.65		
20	QPSK	1	99	19.79	19.83	19.71		
20	QPSK	50	0	19.73	19.88	19.71		
20	QPSK	50	24	19.79	19.70	19.61		
20	QPSK	50	50	19.86	19.76	19.70		
20	QPSK	100	0	19.67	19.78	19.66		
20	16QAM	1	0	19.81	19.87	19.69		
20	16QAM	1	49	19.51	19.77	19.68	20.9	0
20	16QAM	1	99	19.80	19.70	19.59		
20	16QAM	50	0	19.53	19.81	19.72		
20	16QAM	50	24	19.61	19.70	19.51	20.9	0
20	16QAM	50	50	19.72	19.69	19.60		
20	16QAM	100	0	19.51	19.79	19.48		
20	64QAM	1	0	19.60	19.82	19.59		
20	64QAM	1	49	19.71	19.71	19.60	20.9	0
20	64QAM	1	99	19.75	19.67	19.62		
20	64QAM	50	0	19.75	19.67	19.74		
20	64QAM	50	24	19.58	19.69	19.66	20.9	0
20	64QAM	50	50	19.64	19.72	19.54		
20	64QAM	100	0	19.59	19.67	19.54		
20	256QAM	1	0	18.06	18.00	17.80		
20	256QAM	1	49	17.80	17.90	17.80	19	1.9
20	256QAM	1	99	17.91	17.82	17.84		
20	256QAM	50	0	17.81	17.90	17.93		
20	256QAM	50	24	17.99	17.78	17.73	19	1.9
20	256QAM	50	50	17.95	17.94	17.65		
20	256QAM	100	0	17.81	17.77	17.83		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	19.70	19.85	19.79	20.9	0
15	QPSK	1	37	19.77	19.86	19.49		
15	QPSK	1	74	19.64	19.70	19.70		
15	QPSK	36	0	19.72	19.85	19.57		
15	QPSK	36	20	19.68	19.64	19.56	20.9	0
15	QPSK	36	39	19.74	19.70	19.64		
15	QPSK	75	0	19.52	19.66	19.63		
15	16QAM	1	0	19.71	19.76	19.66		
15	16QAM	1	37	19.40	19.65	19.56	20.9	0
15	16QAM	1	74	19.78	19.58	19.55		
15	16QAM	36	0	19.47	19.75	19.69		
15	16QAM	36	20	19.58	19.68	19.36	20.9	0
15	16QAM	36	39	19.67	19.54	19.54		
15	16QAM	75	0	19.37	19.76	19.41		
15	64QAM	1	0	19.59	19.70	19.59		
15	64QAM	1	37	19.57	19.68	19.55	20.9	0
15	64QAM	1	74	19.66	19.59	19.58		
15	64QAM	36	0	19.65	19.58	19.60		
15	64QAM	36	20	19.51	19.57	19.64	20.9	0
15	64QAM	36	39	19.51	19.67	19.50		
15	64QAM	75	0	19.56	19.57	19.49		
15	256QAM	1	0	18.06	17.88	17.73		
15	256QAM	1	37	17.67	17.80	17.74	19	1.9
15	256QAM	1	74	17.82	17.70	17.70		
15	256QAM	36	0	17.74	17.85	17.79		
15	256QAM	36	20	17.97	17.70	17.62	19	1.9
15	256QAM	36	39	17.83	17.92	17.53		
15	256QAM	75	0	17.77	17.67	17.80		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	19.81	19.82	19.72	20.9	0
10	QPSK	1	25	19.72	19.77	19.51		
10	QPSK	1	49	19.68	19.79	19.68		
10	QPSK	25	0	19.59	19.75	19.66		
10	QPSK	25	12	19.74	19.67	19.45	20.9	0
10	QPSK	25	25	19.79	19.61	19.69		
10	QPSK	50	0	19.53	19.76	19.54		
10	16QAM	1	0	19.69	19.86	19.61		
10	16QAM	1	25	19.43	19.61	19.67	20.9	0
10	16QAM	1	49	19.72	19.63	19.48		
10	16QAM	25	0	19.51	19.69	19.70		
10	16QAM	25	12	19.51	19.65	19.46	20.9	0
10	16QAM	25	25	19.72	19.68	19.57		
10	16QAM	50	0	19.43	19.76	19.44		
10	64QAM	1	0	19.60	19.76	19.52		
10	64QAM	1	25	19.59	19.58	19.46	20.9	0
10	64QAM	1	49	19.74	19.61	19.46		
10	64QAM	25	0	19.66	19.64	19.65		
10	64QAM	25	12	19.44	19.56	19.51	20.9	0
10	64QAM	25	25	19.56	19.68	19.46		
10	64QAM	50	0	19.53	19.51	19.47		
10	256QAM	1	0	17.94	17.91	17.65		
10	256QAM	1	25	17.79	17.74	17.68	19	1.9
10	256QAM	1	49	17.84	17.81	17.68		
10	256QAM	25	0	17.66	17.75	17.88		
10	256QAM	25	12	17.89	17.73	17.61	19	1.9
10	256QAM	25	25	17.81	17.83	17.51		
10	256QAM	50	0	17.70	17.65	17.68		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	19.68	19.79	19.66	20.9	0
5	QPSK	1	12	19.68	19.78	19.61		
5	QPSK	1	24	19.70	19.69	19.68		
5	QPSK	12	0	19.59	19.77	19.69		
5	QPSK	12	7	19.76	19.56	19.59	20.9	0
5	QPSK	12	13	19.74	19.73	19.64		
5	QPSK	25	0	19.62	19.75	19.62		
5	16QAM	1	0	19.68	19.86	19.58		
5	16QAM	1	12	19.44	19.70	19.68	20.9	0
5	16QAM	1	24	19.70	19.63	19.46		
5	16QAM	12	0	19.38	19.68	19.57		
5	16QAM	12	7	19.56	19.55	19.44	20.9	0
5	16QAM	12	13	19.67	19.62	19.57		
5	16QAM	25	0	19.41	19.68	19.40		
5	64QAM	1	0	19.51	19.74	19.44		
5	64QAM	1	12	19.65	19.58	19.56	20.9	0
5	64QAM	1	24	19.61	19.54	19.47		
5	64QAM	12	0	19.65	19.56	19.69		
5	64QAM	12	7	19.55	19.62	19.52	20.9	0
5	64QAM	12	13	19.61	19.71	19.44		
5	64QAM	25	0	19.57	19.60	19.45		
5	256QAM	1	0	17.98	17.85	17.78		
5	256QAM	1	12	17.76	17.78	17.69	19	1.9
5	256QAM	1	24	17.75	17.70	17.72		
5	256QAM	12	0	17.80	17.87	17.90		
5	256QAM	12	7	17.83	17.67	17.69	19	1.9
5	256QAM	12	13	17.93	17.91	17.53		
5	256QAM	25	0	17.74	17.73	17.72		

Band 41 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.90	19.92	19.95	19.87	19.85	20.9	0
20	QPSK	1	49	19.99	19.82	19.93	19.78	19.81		
20	QPSK	1	99	19.90	19.88	19.88	19.78	19.81		
20	QPSK	50	0	19.89	19.82	19.90	19.83	19.84		
20	QPSK	50	24	19.88	19.84	19.83	19.75	19.68	20.9	0
20	QPSK	50	50	19.86	19.87	19.77	19.72	19.73		
20	QPSK	100	0	19.83	19.81	19.88	19.73	19.74		
20	16QAM	1	0	19.78	19.88	19.90	19.73	19.76		
20	16QAM	1	49	19.81	19.66	19.84	19.71	19.73	20.9	0
20	16QAM	1	99	19.80	19.82	19.78	19.65	19.69		
20	16QAM	50	0	19.86	19.66	19.87	19.76	19.79		
20	16QAM	50	24	19.78	19.71	19.77	19.66	19.53	20.9	0
20	16QAM	50	50	19.77	19.77	19.71	19.61	19.61		
20	16QAM	100	0	19.76	19.64	19.85	19.63	19.65		
20	64QAM	1	0	19.88	19.75	19.92	19.74	19.67		
20	64QAM	1	49	19.82	19.75	19.77	19.71	19.70	20.9	0
20	64QAM	1	99	19.86	19.81	19.82	19.72	19.63		
20	64QAM	50	0	19.72	19.78	19.78	19.76	19.78		
20	64QAM	50	24	19.75	19.72	19.79	19.71	19.52	20.9	0
20	64QAM	50	50	19.69	19.78	19.75	19.63	19.67		
20	64QAM	100	0	19.66	19.64	19.77	19.68	19.61		
20	256QAM	1	0	17.93	18.08	18.05	17.89	18.01	19	1.9
20	256QAM	1	49	18.06	17.92	17.96	17.85	17.93		
20	256QAM	1	99	18.02	17.95	17.93	17.86	17.86		
20	256QAM	50	0	18.03	17.93	17.98	18.01	17.95		
20	256QAM	50	24	18.03	18.02	17.86	17.83	17.84	19	1.9
20	256QAM	50	50	18.03	17.96	17.94	17.81	17.77		
20	256QAM	100	0	17.95	17.91	17.93	17.84	17.90		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	19.76	19.92	19.91	19.76	19.74	20.90	0
15	QPSK	1	37	19.81	19.73	19.83	19.71	19.73		
15	QPSK	1	74	19.78	19.77	19.79	19.76	19.69		
15	QPSK	36	0	19.88	19.76	19.79	19.82	19.78		
15	QPSK	36	20	19.76	19.81	19.73	19.67	19.55	20.9	0
15	QPSK	36	39	19.83	19.82	19.76	19.59	19.57		
15	QPSK	75	0	19.73	19.79	19.88	19.70	19.65		
15	16QAM	1	0	19.67	19.86	19.87	19.70	19.67		
15	16QAM	1	37	19.81	19.53	19.71	19.64	19.68	20.9	0
15	16QAM	1	74	19.72	19.73	19.68	19.60	19.63		
15	16QAM	36	0	19.81	19.55	19.83	19.62	19.72		
15	16QAM	36	20	19.76	19.70	19.66	19.58	19.52	20.9	0
15	16QAM	36	39	19.64	19.77	19.58	19.49	19.58		
15	16QAM	75	0	19.64	19.63	19.70	19.54	19.49		
15	64QAM	1	0	19.76	19.65	19.80	19.64	19.54		
15	64QAM	1	37	19.72	19.61	19.68	19.58	19.55	20.9	0
15	64QAM	1	74	19.75	19.80	19.67	19.58	19.49		
15	64QAM	36	0	19.71	19.71	19.78	19.72	19.65		
15	64QAM	36	20	19.73	19.63	19.71	19.59	19.44	20.9	0
15	64QAM	36	39	19.58	19.66	19.63	19.60	19.62		
15	64QAM	75	0	19.53	19.60	19.74	19.62	19.57		
15	256QAM	1	0	17.87	18.07	17.98	17.82	17.87	19	1.9
15	256QAM	1	37	17.94	17.79	17.82	17.72	17.82		
15	256QAM	1	74	17.98	17.83	17.82	17.85	17.76		
15	256QAM	36	0	17.90	17.81	17.94	17.96	17.91		
15	256QAM	36	20	17.90	17.89	17.74	17.81	17.84	19	1.9
15	256QAM	36	39	18.01	17.92	17.86	17.72	17.75		
15	256QAM	75	0	17.93	17.82	17.79	17.71	17.84		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	19.87	19.76	19.79	19.83	19.71	20.90	0
10	QPSK	1	25	19.76	19.74	19.80	19.73	19.72		
10	QPSK	1	49	19.80	19.84	19.79	19.62	19.80		
10	QPSK	25	0	19.78	19.79	19.81	19.80	19.73		
10	QPSK	25	12	19.86	19.68	19.72	19.65	19.65	20.9	0
10	QPSK	25	25	19.71	19.78	19.71	19.65	19.62		
10	QPSK	50	0	19.72	19.80	19.87	19.58	19.59		
10	16QAM	1	0	19.69	19.79	19.80	19.68	19.74		
10	16QAM	1	25	19.74	19.51	19.82	19.61	19.72	20.9	0
10	16QAM	1	49	19.76	19.77	19.65	19.54	19.65		
10	16QAM	25	0	19.75	19.60	19.76	19.67	19.70		
10	16QAM	25	12	19.67	19.61	19.63	19.53	19.47	20.9	0
10	16QAM	25	25	19.73	19.67	19.61	19.52	19.52		
10	16QAM	50	0	19.73	19.48	19.74	19.54	19.62		
10	64QAM	1	0	19.84	19.68	19.83	19.66	19.52		
10	64QAM	1	25	19.80	19.70	19.68	19.68	19.69	20.9	0
10	64QAM	1	49	19.73	19.79	19.80	19.60	19.60		
10	64QAM	25	0	19.57	19.76	19.71	19.65	19.62		
10	64QAM	25	12	19.74	19.59	19.73	19.67	19.50	20.9	0
10	64QAM	25	25	19.64	19.65	19.72	19.63	19.56		
10	64QAM	50	0	19.56	19.51	19.65	19.58	19.47		
10	256QAM	1	0	17.80	17.94	17.89	17.76	17.95		
10	256QAM	1	25	17.97	17.82	17.81	17.71	17.88	19	1.9
10	256QAM	1	49	17.99	17.88	17.83	17.84	17.80		
10	256QAM	25	0	17.97	17.84	17.83	17.99	17.90		
10	256QAM	25	12	18.01	17.88	17.83	17.76	17.82	19	1.9
10	256QAM	25	25	17.88	17.86	17.80	17.66	17.66		
10	256QAM	50	0	17.87	17.83	17.87	17.68	17.85		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2548.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	19.84	19.86	19.89	19.78	19.84	20.90	0
5	QPSK	1	12	19.87	19.72	19.78	19.68	19.78		
5	QPSK	1	24	19.83	19.78	19.77	19.65	19.72		
5	QPSK	12	0	19.73	19.66	19.83	19.79	19.78		
5	QPSK	12	7	19.84	19.71	19.78	19.68	19.64	20.9	0
5	QPSK	12	13	19.70	19.85	19.70	19.67	19.69		
5	QPSK	25	0	19.72	19.81	19.80	19.62	19.68		
5	16QAM	1	0	19.73	19.79	19.79	19.70	19.75		
5	16QAM	1	12	19.75	19.64	19.74	19.60	19.61	20.9	0
5	16QAM	1	24	19.65	19.68	19.76	19.52	19.59		
5	16QAM	12	0	19.73	19.60	19.76	19.63	19.67		
5	16QAM	12	7	19.69	19.63	19.73	19.51	19.43	20.9	0
5	16QAM	12	13	19.69	19.66	19.58	19.50	19.51		
5	16QAM	25	0	19.68	19.53	19.70	19.53	19.51		
5	64QAM	1	0	19.73	19.60	19.85	19.63	19.62		
5	64QAM	1	12	19.74	19.74	19.68	19.59	19.64	20.9	0
5	64QAM	1	24	19.78	19.77	19.70	19.61	19.55		
5	64QAM	12	0	19.62	19.74	19.77	19.62	19.70		
5	64QAM	12	7	19.72	19.59	19.70	19.66	19.50	20.9	0
5	64QAM	12	13	19.62	19.68	19.67	19.53	19.63		
5	64QAM	25	0	19.50	19.49	19.75	19.58	19.54		
5	256QAM	1	0	17.87	17.96	17.99	17.74	17.86	19	1.9
5	256QAM	1	12	17.99	17.81	17.83	17.76	17.81		
5	256QAM	1	24	17.97	17.95	17.81	17.83	17.85		
5	256QAM	12	0	17.87	17.92	17.94	17.99	17.82	19	1.9
5	256QAM	12	7	17.98	17.91	17.75	17.72	17.82		
5	256QAM	12	13	17.99	17.93	17.80	17.76	17.66		
5	256QAM	25	0	17.82	17.77	17.92	17.78	17.78		

Band 41 HPUE Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.20	21.25	21.29	21.19	21.21	22.5	0
20	QPSK	1	49	21.07	21.10	21.16	21.14	21.11		
20	QPSK	1	99	21.19	21.17	21.28	21.10	21.09		
20	QPSK	50	0	21.19	21.15	21.19	21.14	21.17		
20	QPSK	50	24	21.05	21.01	21.12	21.07	20.96	22.5	0
20	QPSK	50	50	21.12	21.03	21.13	21.09	20.93		
20	QPSK	100	0	21.07	21.14	21.16	21.04	21.09		
20	16QAM	1	0	21.09	21.17	21.23	21.11	21.09		
20	16QAM	1	49	20.93	21.03	21.03	21.12	21.08	22.5	0
20	16QAM	1	99	21.02	21.13	21.12	21.04	21.00		
20	16QAM	50	0	21.11	21.00	21.16	21.11	21.01		
20	16QAM	50	24	20.96	20.93	20.95	21.03	20.87	22.5	0
20	16QAM	50	50	21.04	20.87	21.04	20.98	20.81		
20	16QAM	100	0	20.97	21.06	21.02	20.89	21.03		
20	64QAM	1	0	21.10	21.21	21.14	21.07	21.13		
20	64QAM	1	49	20.94	20.92	21.06	21.06	21.01	22.5	0
20	64QAM	1	99	21.07	21.11	21.21	21.02	21.04		
20	64QAM	50	0	21.05	20.99	21.10	20.97	21.06		
20	64QAM	50	24	20.94	20.96	21.07	20.95	20.83	22.5	0
20	64QAM	50	50	21.00	20.94	21.04	21.03	20.76		
20	64QAM	100	0	20.92	20.98	21.11	21.01	20.93		
20	256QAM	1	0	20.77	20.67	20.79	20.74	20.66		
20	256QAM	1	49	20.49	20.65	20.60	20.69	20.67	22	0.5
20	256QAM	1	99	20.68	20.63	20.75	20.63	20.55		
20	256QAM	50	0	20.66	20.60	20.72	20.64	20.73		
20	256QAM	50	24	20.51	20.50	20.69	20.61	20.41	22	0.5
20	256QAM	50	50	20.60	20.49	20.58	20.56	20.37		
20	256QAM	100	0	20.62	20.71	20.63	20.58	20.61		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	21.17	21.13	21.16	21.16	21.19	22.50	0
15	QPSK	1	37	20.90	21.04	21.07	21.11	21.09		
15	QPSK	1	74	21.17	21.04	21.24	20.96	20.95		
15	QPSK	36	0	21.06	21.12	21.14	21.08	21.01		
15	QPSK	36	20	20.90	20.88	20.99	20.99	20.89	22.5	0
15	QPSK	36	39	21.10	21.00	21.12	21.07	20.86		
15	QPSK	75	0	21.03	21.03	21.07	20.93	20.94		
15	16QAM	1	0	20.95	21.02	21.11	21.06	21.01		
15	16QAM	1	37	20.85	21.01	20.89	21.08	20.96	22.5	0
15	16QAM	1	74	20.91	21.08	20.96	20.89	20.86		
15	16QAM	36	0	21.04	20.86	21.07	21.02	20.88		
15	16QAM	36	20	20.88	20.90	20.86	20.87	20.78	22.5	0
15	16QAM	36	39	20.87	20.83	20.89	20.87	20.66		
15	16QAM	75	0	20.81	20.98	20.89	20.81	20.93		
15	64QAM	1	0	20.94	21.09	21.00	20.93	21.10		
15	64QAM	1	37	20.82	20.77	20.97	20.90	20.91	22.5	0
15	64QAM	1	74	21.01	20.97	21.06	20.94	20.92		
15	64QAM	36	0	20.93	20.95	20.98	20.83	20.91		
15	64QAM	36	20	20.86	20.80	21.03	20.92	20.68	22.5	0
15	64QAM	36	39	20.87	20.89	20.88	20.96	20.72		
15	64QAM	75	0	20.75	20.95	21.04	20.95	20.82		
15	256QAM	1	0	20.73	20.51	20.68	20.65	20.51		
15	256QAM	1	37	20.39	20.49	20.48	20.67	20.52	22	0.5
15	256QAM	1	74	20.62	20.62	20.67	20.58	20.45		
15	256QAM	36	0	20.58	20.56	20.62	20.60	20.59		
15	256QAM	36	20	20.44	20.46	20.53	20.47	20.28	22	0.5
15	256QAM	36	39	20.56	20.43	20.55	20.47	20.34		
15	256QAM	75	0	20.45	20.55	20.54	20.44	20.55		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	21.15	21.18	21.25	21.12	21.06	22.50	0
10	QPSK	1	25	21.04	21.01	21.11	21.07	21.05		
10	QPSK	1	49	21.12	21.06	21.13	21.06	20.96		
10	QPSK	25	0	21.06	20.99	21.13	20.98	21.04		
10	QPSK	25	12	20.90	20.86	21.08	20.96	20.83	22.5	0
10	QPSK	25	25	21.02	20.87	21.12	20.97	20.89		
10	QPSK	50	0	20.98	21.08	21.11	20.94	20.97		
10	16QAM	1	0	21.06	21.04	21.09	20.95	21.02		
10	16QAM	1	25	20.89	20.93	20.98	21.10	21.00	22.5	0
10	16QAM	1	49	20.90	21.02	21.07	21.02	20.95		
10	16QAM	25	0	21.04	20.91	21.06	21.07	20.98		
10	16QAM	25	12	20.93	20.81	20.81	20.89	20.75	22.5	0
10	16QAM	25	25	20.88	20.77	20.91	20.83	20.66		
10	16QAM	50	0	20.89	21.00	20.98	20.72	21.02		
10	64QAM	1	0	20.93	21.11	21.05	20.96	21.

Band 42 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.42	16.50	16.48	17.8	0
20	QPSK	1	49	16.29	16.42	16.46		
20	QPSK	1	99	16.34	16.46	16.37		
20	QPSK	50	0	16.33	16.44	16.39	17.8	0
20	QPSK	50	24	16.18	16.39	16.35		
20	QPSK	50	50	16.36	16.32	16.28		
20	QPSK	100	0	16.36	16.40	16.38		
20	16QAM	1	0	16.40	16.35	16.34	17.8	0
20	16QAM	1	49	16.18	16.37	16.33		
20	16QAM	1	99	16.19	16.29	16.24		
20	16QAM	50	0	16.24	16.32	16.32	17.8	0
20	16QAM	50	24	16.14	16.25	16.33		
20	16QAM	50	50	16.24	16.23	16.25		
20	16QAM	100	0	16.22	16.25	16.35		
20	64QAM	1	0	16.30	16.42	16.38	17.8	0
20	64QAM	1	49	16.12	16.27	16.29		
20	64QAM	1	99	16.31	16.37	16.22		
20	64QAM	50	0	16.28	16.39	16.35	17.8	0
20	64QAM	50	24	16.04	16.28	16.29		
20	64QAM	50	50	16.23	16.29	16.26		
20	64QAM	100	0	16.21	16.32	16.29		
20	256QAM	1	0	15.61	15.77	15.73	17	0.8
20	256QAM	1	49	15.41	15.65	15.72		
20	256QAM	1	99	15.53	15.65	15.64		
20	256QAM	50	0	15.54	15.67	15.63	17	0.8
20	256QAM	50	24	15.38	15.60	15.53		
20	256QAM	50	50	15.61	15.45	15.47		
20	256QAM	100	0	15.57	15.52	15.58		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	16.26	16.43	16.43	17.8	0
15	QPSK	1	37	16.13	16.34	16.40		
15	QPSK	1	74	16.21	16.29	16.28		
15	QPSK	36	0	16.19	16.34	16.33	17.8	0
15	QPSK	36	20	16.09	16.24	16.26		
15	QPSK	36	39	16.27	16.26	16.16		
15	QPSK	75	0	16.31	16.32	16.34		
15	16QAM	1	0	16.30	16.20	16.23	17.8	0
15	16QAM	1	37	16.13	16.28	16.19		
15	16QAM	1	74	16.08	16.18	16.08		
15	16QAM	36	0	16.21	16.29	16.15	17.8	0
15	16QAM	36	20	16.01	16.14	16.26		
15	16QAM	36	39	16.22	16.09	16.20		
15	16QAM	75	0	16.08	16.16	16.31		
15	64QAM	1	0	16.29	16.29	16.28	17.8	0
15	64QAM	1	37	15.99	16.17	16.17		
15	64QAM	1	74	16.21	16.26	16.07		
15	64QAM	36	0	16.16	16.32	16.33	17.8	0
15	64QAM	36	20	15.96	16.22	16.14		
15	64QAM	36	39	16.14	16.21	16.20		
15	64QAM	75	0	16.16	16.18	16.26		
15	256QAM	1	0	15.56	15.64	15.58	17	0.8
15	256QAM	1	37	15.30	15.51	15.58		
15	256QAM	1	74	15.45	15.63	15.58		
15	256QAM	36	0	15.40	15.65	15.59	17	0.8
15	256QAM	36	20	15.34	15.48	15.46		
15	256QAM	36	39	15.53	15.35	15.33		
15	256QAM	75	0	15.46	15.37	15.51		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.29	16.46	16.32	17.8	0
10	QPSK	1	25	16.25	16.31	16.43		
10	QPSK	1	49	16.22	16.35	16.24		
10	QPSK	25	0	16.22	16.31	16.25	17.8	0
10	QPSK	25	12	16.10	16.29	16.20		
10	QPSK	25	25	16.33	16.16	16.25		
10	QPSK	50	0	16.22	16.25	16.22		
10	16QAM	1	0	16.30	16.22	16.26	17.8	0
10	16QAM	1	25	16.15	16.20	16.28		
10	16QAM	1	49	16.09	16.14	16.17		
10	16QAM	25	0	16.15	16.24	16.28	17.8	0
10	16QAM	25	12	16.01	16.14	16.23		
10	16QAM	25	25	16.16	16.22	16.23		
10	16QAM	50	0	16.13	16.15	16.32		
10	64QAM	1	0	16.26	16.33	16.25	17.8	0
10	64QAM	1	25	16.08	16.26	16.12		
10	64QAM	1	49	16.17	16.21	16.16		
10	64QAM	25	0	16.20	16.30	16.26	17.8	0
10	64QAM	25	12	16.02	16.25	16.27		
10	64QAM	25	25	16.19	16.26	16.23		
10	64QAM	50	0	16.18	16.21	16.28		
10	256QAM	1	0	15.54	15.68	15.63	17	0.8
10	256QAM	1	25	15.32	15.61	15.57		
10	256QAM	1	49	15.43	15.56	15.53		
10	256QAM	25	0	15.48	15.64	15.57	17	0.8
10	256QAM	25	12	15.28	15.48	15.44		
10	256QAM	25	25	15.50	15.39	15.34		
10	256QAM	50	0	15.47	15.48	15.52		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.26	16.38	16.32	17.8	0
5	QPSK	1	12	16.21	16.25	16.42		
5	QPSK	1	24	16.33	16.35	16.35		
5	QPSK	12	0	16.32	16.43	16.31	17.8	0
5	QPSK	12	7	16.15	16.36	16.33		
5	QPSK	12	13	16.27	16.26	16.27		
5	QPSK	25	0	16.29	16.35	16.36		
5	16QAM	1	0	16.27	16.32	16.29	17.8	0
5	16QAM	1	12	16.05	16.35	16.22		
5	16QAM	1	24	16.15	16.22	16.10		
5	16QAM	12	0	16.23	16.31	16.30	17.8	0
5	16QAM	12	7	16.12	16.13	16.18		
5	16QAM	12	13	16.16	16.07	16.21		
5	16QAM	25	0	16.12	16.23	16.30		
5	64QAM	1	0	16.19	16.34	16.36	17.8	0
5	64QAM	1	12	16.05	16.20	16.24		
5	64QAM	1	24	16.21	16.28	16.10		
5	64QAM	12	0	16.26	16.30	16.20	17.8	0
5	64QAM	12	7	15.99	16.15	16.27		
5	64QAM	12	13	16.11	16.17	16.10		
5	64QAM	25	0	16.12	16.27	16.25		
5	256QAM	1	0	15.46	15.67	15.64	17	0.8
5	256QAM	1	12	15.40	15.58	15.55		
5	256QAM	1	24	15.49	15.58	15.51		
5	256QAM	12	0	15.50	15.55	15.53	17	0.8
5	256QAM	12	7	15.22	15.51	15.40		
5	256QAM	12	13	15.48	15.30	15.40		
5	256QAM	25	0	15.46	15.50	15.47		

Band 42 Part 96 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3590	3575	3590		
20	QPSK	1	0	16.26	16.36	16.35	17.8	0
20	QPSK	1	49	16.23	16.29	16.29		
20	QPSK	1	99	16.31	16.30	16.23		
20	QPSK	50	0	16.20	16.31	16.23	17.8	0
20	QPSK	50	24	16.10	16.27	16.26		
20	QPSK	50	50	16.21	16.30	16.21		
20	QPSK	100	0	16.24	16.31	16.22		
20	16QAM	1	0	16.29	16.23	16.22	17.8	0
20	16QAM	1	49	16.07	16.21	16.24		
20	16QAM	1	99	16.17	16.25	16.13		
20	16QAM	50	0	16.11	16.25	16.30	17.8	0
20	16QAM	50	24	16.07	16.10	16.25		
20	16QAM	50	50	16.12	16.06	16.18		
20	16QAM	100	0	16.06	16.19	16.20		
20	64QAM	1	0	16.16	16.29	16.23	17.8	0
20	64QAM	1	49	15.98	16.15	16.17		
20	64QAM	1	99	16.17	16.26	16.06		
20	64QAM	50	0	16.26	16.35	16.30	17.8	0
20	64QAM	50	24	15.87	16.19	16.25		
20	64QAM	50	50	16.08	16.26	16.23		
20	64QAM	100	0	16.20	16.23	16.13		
20	256QAM	1	0	15.59	15.67	15.58	17	0.8
20	256QAM	1	49	15.27	15.58	15.60		
20	256QAM	1	99	15.36	15.59	15.60		
20	256QAM	50	0	15.51	15.56	15.55	17	0.8
20	256QAM	50	24	15.29	15.50	15.45		
20	256QAM	50	50	15.47	15.37	15.43		
20	256QAM	100	0	15.43	15.43	15.46		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	16.16	16.20	16.21	17.8	0
15	QPSK	1	37	16.21	16.22	16.27		
15	QPSK	1	74	16.26	16.27	16.16		
15	QPSK	36	0	16.12	16.16	16.21	17.8	0
15	QPSK	36	20	16.08	16.25	16.15		
15	QPSK	36	39	16.09	16.15	16.09		
15	QPSK	75	0	16.20	16.21	16.20		
15	16QAM	1	0	16.22	16.06	16.09	17.8	0
15	16QAM	1	37	16.04	16.08	16.19		
15	16QAM	1	74	16.15	16.23	16.00		
15	16QAM	36	0	15.99	16.18	16.28	17.8	0
15	16QAM	36	20	15.96	16.02	16.14		
15	16QAM	36	39	16.10	16.02	16.16		
15	16QAM	75	0	16.01	16.05	16.09		
15	64QAM	1	0	16.15	16.25	16.20	17.8	0
15	64QAM	1	37	15.96	16.12	16.09		
15	64QAM	1	74	16.01	16.12	15.97		
15	64QAM	36	0	16.23	16.18	16.15	17.8	0
15	64QAM	36	20	16.12	16.11	16.20		
15	64QAM	36	39	16.01	16.12	16.21		
15	64QAM	75	0	16.13	16.15	15.97		
15	256QAM	1	0	15.46	15.59	15.53	17	0.8
15	256QAM	1	37	15.25	15.43	15.50		
15	256QAM	1	74	15.27	15.42	15.44		
15	256QAM	36	0	15.46	15.42	15.39	17	0.8
15	256QAM	36	20	15.16	15.48	15.34		
15	256QAM	36	39	15.40	15.26	15.40		
15	256QAM	75	0	15.34	15.40	15.30		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	16.20	16.33	16.24	17.8	0
10	QPSK	1	25	16.19	16.12	16.27		
10	QPSK	1	49	16.15	16.26	16.14		
10	QPSK	25	0	16.08	16.26	16.17	17.8	0
10	QPSK	25	12	16.00	16.25	16.11		
10	QPSK	25	25	16.05	16.26	16.04		
10	QPSK	50	0	16.12	16.16	16.06		
10	16QAM	1	0	16.21	16.14	16.10	17.8	0
10	16QAM	1	25	16.03	16.07	16.20		
10	16QAM	1	49	16.10	16.18	16.06		
10	16QAM	25	0	16.04	16.15	16.13	17.8	0
10	16QAM	25	12	15.90	16.02	16.15		
10	16QAM	25	25	16.08	16.01	16.09		
10	16QAM	50	0	15.98	16.10	16.05		
10	64QAM	1	0	16.15	16.16	16.06	17.8	0
10	64QAM	1	25	15.95	16.07	16.11		
10	64QAM	1	49	16.15	16.18	15.90		
10	64QAM	25	0	16.12	16.18	16.18	17.8	0
10	64QAM	25	12	15.83	16.04	16.12		
10	64QAM	25	25	15.97	16.25	16.06		
10	64QAM	50	0	16.14	16.16	16.10		
10	256QAM	1	0	15.50	15.57	15.56	17	0.8
10	256QAM	1	25	15.10	15.49	15.48		
10	256QAM	1	49	15.23	15.52	15.56		
10	256QAM	25	0	15.35	15.41	15.46	17	0.8
10	256QAM	25	12	15.22	15.35	15.42		
10	256QAM	25	25	15.45	15.31	15.29		
10	256QAM	50	0	15.42	15.36	15.43		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	16.23	16.26	16.30	17.8	0
5	QPSK	1	12	16.09	16.19	16.19		
5	QPSK	1	24	16.21	16.22	16.15		
5	QPSK	12	0	16.15	16.16	16.10	17.8	0
5	QPSK	12	7	16.07	16.15	16.11		
5	QPSK	12	13	16.12	16.29	16.06		
5	QPSK	25	0	16.21	16.28	16.19		
5	16QAM	1	0	16.27	16.17	16.11	17.8	0
5	16QAM	1	12	15.99	16.09	16.21		
5	16QAM	1	24	16.02	16.14	16.00		
5	16QAM	12	0	16.05	16.12	16.28	17.8	0
5	16QAM	12	7	15.93	15.94	16.19		
5	16QAM	12	13	15.96	15.94	16.09		
5	16QAM	25	0	15.93	16.08	16.09		
5	64QAM	1	0	16.01	16.26	16.13	17.8	0
5	64QAM	1	12	15.84	16.12	16.10		
5	64QAM	1	24	16.13	16.19	15.93		
5	64QAM	12	0	16.23	16.27	16.24	17.8	0
5	64QAM	12	7	15.86	16.15	16.17		
5	64QAM	12	13	15.99	16.15	16.08		
5	64QAM	25	0	16.18	16.07	16.03		
5	256QAM	1	0	15.54	15.55	15.53	17	0.8
5	256QAM	1	12	15.22	15.51	15.50		
5	256QAM	1	24	15.28	15.44	15.53		
5	256QAM	12	0	15.37	15.49	15.39	17	0.8
5	256QAM	12	7	15.14	15.41	15.34		
5	256QAM	12	13	15.30	15.27	15.27		
5	256QAM	25	0	15.28	15.29	15.37		

Band 43 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43590	44090	44490		
Frequency (MHz)				3610	3660	3690		
20	QPSK	1	0	16.41	16.52	16.35	18	0
20	QPSK	1	49	16.34	16.38	16.39		
20	QPSK	1	99	16.36	16.43	16.41		
20	QPSK	50	0	16.39	16.47	16.30	18	0
20	QPSK	50	24	16.26	16.32	16.31		
20	QPSK	50	50	16.23	16.30	16.16		
20	QPSK	100	0	16.27	16.44	16.42		
20	16QAM	1	0	16.35	16.37	16.19	18	0
20	16QAM	1	49	16.24	16.24	16.21		
20	16QAM	1	99	16.23	16.31	16.27		
20	16QAM	50	0	16.35	16.42	16.18	18	0
20	16QAM	50	24	16.13	16.32	16.25		
20	16QAM	50	50	16.17	16.34	16.04		
20	16QAM	100	0	16.28	16.22	16.36		
20	64QAM	1	0	16.23	16.40	16.28	18	0
20	64QAM	1	49	16.18	16.34	16.32		
20	64QAM	1	99	16.28	16.35	16.14		
20	64QAM	50	0	16.15	16.39	16.04	18	0
20	64QAM	50	24	16.05	16.24	16.18		
20	64QAM	50	50	16.19	16.37	16.09		
20	64QAM	100	0	16.25	16.38	16.20		
20	256QAM	1	0	15.47	15.49	15.35	17	1
20	256QAM	1	49	15.37	15.44	15.27		
20	256QAM	1	99	15.34	15.51	15.32		
20	256QAM	50	0	15.33	15.49	15.37	17	1
20	256QAM	50	24	15.12	15.52	15.40		
20	256QAM	50	50	15.14	15.38	15.20		
20	256QAM	100	0	15.35	15.49	15.41		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3660	3692.5		
15	QPSK	1	0	16.45	16.47	16.40	18	0
15	QPSK	1	37	16.31	16.32	16.38		
15	QPSK	1	74	16.29	16.43	16.32		
15	QPSK	36	0	16.38	16.43	16.29	18	0
15	QPSK	36	20	16.25	16.23	16.34		
15	QPSK	36	39	16.18	16.28	16.11		
15	QPSK	75	0	16.21	16.44	16.35		
15	16QAM	1	0	16.34	16.42	16.10	18	0
15	16QAM	1	37	16.19	16.28	16.13		
15	16QAM	1	74	16.21	16.23	16.20		
15	16QAM	36	0	16.34	16.39	16.21	18	0
15	16QAM	36	20	16.04	16.29	16.27		
15	16QAM	36	39	16.14	16.37	16.04		
15	16QAM	75	0	16.25	16.13	16.28		
15	64QAM	1	0	16.23	16.42	16.19	18	0
15	64QAM	1	37	16.12	16.29	16.32		
15	64QAM	1	74	16.28	16.41	16.16		
15	64QAM	36	0	16.18	16.40	16.02	18	0
15	64QAM	36	20	16.02	16.17	16.16		
15	64QAM	36	39	16.22	16.30	16.01		
15	64QAM	75	0	16.30	16.36	16.18		
15	256QAM	1	0	15.46	15.41	15.38	17	1
15	256QAM	1	37	15.28	15.38	15.19		
15	256QAM	1	74	15.36	15.42	15.36		
15	256QAM	36	0	15.35	15.48	15.30	17	1
15	256QAM	36	20	15.17	15.48	15.44		
15	256QAM	36	39	15.14	15.39	15.22		
15	256QAM	75	0	15.28	15.48	15.39		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3695	3693	3695		
10	QPSK	1	0	16.44	16.44	16.33	18	0
10	QPSK	1	25	16.33	16.33	16.40		
10	QPSK	1	49	16.26	16.33	16.45		
10	QPSK	25	0	16.38	16.44	16.26	18	0
10	QPSK	25	12	16.17	16.30	16.28		
10	QPSK	25	25	16.24	16.32	16.17		
10	QPSK	50	0	16.20	16.37	16.35		
10	16QAM	1	0	16.32	16.36	16.25	18	0
10	16QAM	1	25	16.23	16.25	16.23		
10	16QAM	1	49	16.15	16.30	16.27		
10	16QAM	25	0	16.29	16.35	16.22	18	0
10	16QAM	25	12	16.13	16.34	16.27		
10	16QAM	25	25	16.18	16.37	16.04		
10	16QAM	50	0	16.21	16.14	16.27		
10	64QAM	1	0	16.21	16.41	16.28	18	0
10	64QAM	1	25	16.23	16.35	16.30		
10	64QAM	1	49	16.18	16.32	16.09		
10	64QAM	25	0	16.17	16.44	16.43	18	0
10	64QAM	25	12	16.04	16.27	16.24		
10	64QAM	25	25	16.21	16.41	16.01		
10	64QAM	50	0	16.16	16.34	16.18		
10	256QAM	1	0	15.41	15.43	15.27	17	1
10	256QAM	1	25	15.27	15.41	15.22		
10	256QAM	1	49	15.29	15.54	15.24		
10	256QAM	25	0	15.30	15.45	15.34	17	1
10	256QAM	25	12	15.09	15.54	15.31		
10	256QAM	25	25	15.09	15.42	15.16		
10	256QAM	50	0	15.38	15.46	15.45		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3660	3697.5		
5	QPSK	1	0	16.36	16.42	16.38	18	0
5	QPSK	1	12	16.26	16.42	16.38		
5	QPSK	1	24	16.26	16.48	16.45		
5	QPSK	12	0	16.44	16.39	16.24	18	0
5	QPSK	12	7	16.26	16.23	16.21		
5	QPSK	12	13	16.17	16.21	16.14		
5	QPSK	25	0	16.18	16.48	16.46		
5	16QAM	1	0	16.34	16.28	16.12	18	0
5	16QAM	1	12	16.19	16.28	16.17		
5	16QAM	1	24	16.15	16.28	16.29		
5	16QAM	12	0	16.27	16.38	16.21	18	0
5	16QAM	12	7	16.14	16.27	16.31		
5	16QAM	12	13	16.15	16.29	16.05		
5	16QAM	25	0	16.22	16.15	16.40		
5	64QAM	1	0	16.19	16.30	16.19	18	0
5	64QAM	1	12	16.20	16.33	16.37		
5	64QAM	1	24	16.22	16.33	16.09		
5	64QAM	12	0	16.09	16.44	16.09	18	0
5	64QAM	12	7	16.05	16.20	16.12		
5	64QAM	12	13	16.21	16.36	16.12		
5	64QAM	25	0	16.23	16.30	16.15		
5	256QAM	1	0	15.49	15.50	15.37	17	1
5	256QAM	1	12	15.32	15.48	15.33		
5	256QAM	1	24	15.38	15.41	15.36		
5	256QAM	12	0	15.29	15.45	15.30	17	1
5	256QAM	12	7	15.09	15.57	15.45		
5	256QAM	12	13	15.13	15.43	15.22		
5	256QAM	25	0	15.32	15.48	15.40		

Band 48 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.52	16.60	16.49	16.55	18	0
20	QPSK	1	49	16.44	16.52	16.46	16.47		
20	QPSK	1	99	16.47	16.56	16.43	16.49		
20	QPSK	50	0	16.45	16.53	16.38	16.52	18	0
20	QPSK	50	24	16.34	16.47	16.39	16.35		
20	QPSK	50	50	16.38	16.44	16.32	16.49		
20	QPSK	100	0	16.38	16.49	16.48	16.44		
20	16QAM	1	0	16.39	16.47	16.37	16.37	18	0
20	16QAM	1	49	16.28	16.38	16.39	16.41		
20	16QAM	1	99	16.35	16.39	16.34	16.31		
20	16QAM	50	0	16.41	16.46	16.35	16.35	18	0
20	16QAM	50	24	16.17	16.43	16.27	16.19		
20	16QAM	50	50	16.26	16.41	16.17	16.39		
20	16QAM	100	0	16.33	16.38	16.44	16.38		
20	64QAM	1	0	16.34	16.57	16.43	16.45	18	0
20	64QAM	1	49	16.36	16.47	16.42	16.34		
20	64QAM	1	99	16.31	16.41	16.32	16.35		
20	64QAM	50	0	16.29	16.50	16.21	16.43	18	0
20	64QAM	50	24	16.23	16.36	16.27	16.24		
20	64QAM	50	50	16.29	16.41	16.14	16.32		
20	64QAM	100	0	16.33	16.45	16.33	16.32		
20	256QAM	1	0	16.24	16.43	16.31	16.26	18	0
20	256QAM	1	49	16.28	16.37	16.44	16.32		
20	256QAM	1	99	16.34	16.38	16.30	16.32		
20	256QAM	50	0	16.22	16.42	16.31	16.36	18	0
20	256QAM	50	24	16.22	16.43	16.35	16.37		
20	256QAM	50	50	16.23	16.43	16.44	16.37		
20	256QAM	100	0	16.24	16.35	16.45	16.35		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.38	16.53	16.37	16.40	18	0
15	QPSK	1	37	16.34	16.50	16.39	16.34		
15	QPSK	1	74	16.32	16.54	16.38	16.40		
15	QPSK	36	0	16.41	16.49	16.21	16.46	18	0
15	QPSK	36	20	16.26	16.45	16.31	16.29		
15	QPSK	36	39	16.23	16.34	16.16	16.34		
15	QPSK	75	0	16.34	16.43	16.38	16.34		
15	16QAM	1	0	16.24	16.44	16.32	16.26	18	0
15	16QAM	1	37	16.25	16.23	16.33	16.29		
15	16QAM	1	74	16.21	16.22	16.22	16.29		
15	16QAM	36	0	16.28	16.41	16.21	16.23	18	0
15	16QAM	36	20	16.01	16.30	16.14	16.11		
15	16QAM	36	39	16.13	16.29	16.07	16.29		
15	16QAM	75	0	16.25	16.31	16.38	16.30		
15	64QAM	1	0	16.21	16.41	16.31	16.34	18	0
15	64QAM	1	37	16.33	16.32	16.32	16.21		
15	64QAM	1	74	16.22	16.35	16.17	16.29		
15	64QAM	36	0	16.23	16.39	16.12	16.32	18	0
15	64QAM	36	20	16.10	16.25	16.16	16.14		
15	64QAM	36	39	16.14	16.26	16.00	16.29		
15	64QAM	75	0	16.21	16.31	16.19	16.17		
15	256QAM	1	0	16.35	16.44	16.45	16.28	18	0
15	256QAM	1	37	16.22	16.36	16.31	16.28		
15	256QAM	1	74	16.20	16.41	16.31	16.29		
15	256QAM	36	0	16.23	16.33	16.41	16.38	18	0
15	256QAM	36	20	16.21	16.42	16.38	16.41		
15	256QAM	36	39	16.31	16.40	16.36	16.37		
15	256QAM	75	0	16.22	16.36	16.44	16.39		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.45	16.44	16.45	16.49	18	0
10	QPSK	1	25	16.39	16.47	16.39	16.32		
10	QPSK	1	49	16.31	16.50	16.30	16.45		
10	QPSK	25	0	16.32	16.36	16.23	16.43	18	0
10	QPSK	25	12	16.24	16.45	16.35	16.18		
10	QPSK	25	25	16.34	16.30	16.30	16.32		
10	QPSK	50	0	16.29	16.43	16.36	16.38		
10	16QAM	1	0	16.29	16.36	16.32	16.28	18	0
10	16QAM	1	25	16.22	16.20	16.22	16.30		
10	16QAM	1	49	16.19	16.37	16.24	16.13		
10	16QAM	25	0	16.24	16.39	16.29	16.17	18	0
10	16QAM	25	12	16.03	16.32	16.18	16.11		
10	16QAM	25	25	16.19	16.34	16.05	16.30		
10	16QAM	50	0	16.23	16.22	16.40	16.33		
10	64QAM	1	0	16.21	16.54	16.32	16.33	18	0
10	64QAM	1	25	16.31	16.42	16.28	16.32		
10	64QAM	1	49	16.18	16.36	16.22	16.25		
10	64QAM	25	0	16.16	16.39	16.09	16.25	18	0
10	64QAM	25	12	16.20	16.19	16.12	16.17		
10	64QAM	25	25	16.12	16.33	16.19	16.20		
10	64QAM	50	0	16.21	16.37	16.24	16.14		
10	256QAM	1	0	16.22	16.41	16.40	16.36	18	0
10	256QAM	1	25	16.30	16.34	16.35	16.31		
10	256QAM	1	49	16.33	16.32	16.42	16.40		
10	256QAM	25	0	16.27	16.38	16.31	16.33	18	0
10	256QAM	25	12	16.31	16.33	16.39	16.37		
10	256QAM	25	25	16.23	16.46	16.39	16.41		
10	256QAM	50	0	16.29	16.38	16.42	16.33		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.46	16.49	16.43	16.44	18	0
5	QPSK	1	12	16.38	16.44	16.38	16.37		
5	QPSK	1	24	16.35	16.46	16.36	16.46		
5	QPSK	12	0	16.40	16.41	16.32	16.35	18	0
5	QPSK	12	7	16.28	16.40	16.22	16.33		
5	QPSK	12	13	16.31	16.33	16.26	16.32		
5	QPSK	25	0	16.31	16.33	16.43	16.29		
5	16QAM	1	0	16.34	16.39	16.21	16.32	18	0
5	16QAM	1	12	16.21	16.26	16.27	16.34		
5	16QAM	1	24	16.22	16.36	16.25	16.18		
5	16QAM	12	0	16.31	16.37	16.23	16.28	18	0
5	16QAM	12	7	16.05	16.34	16.11	16.14		
5	16QAM	12	13	16.09	16.31	16.11	16.32		
5	16QAM	25	0	16.19	16.26	16.31	16.25		
5	64QAM	1	0	16.27	16.55	16.33	16.29	18	0
5	64QAM	1	12	16.31	16.38	16.35	16.29		
5	64QAM	1	24	16.22	16.29	16.20	16.20		
5	64QAM	12	0	16.12	16.34	16.03	16.25	18	0
5	64QAM	12	7	16.19	16.28	16.09	16.11		
5	64QAM	12	13	16.24	16.25	16.12	16.29		
5	64QAM	25	0	16.24	16.31	16.16	16.26		
5	256QAM	1	0	16.23	16.45	16.37	16.26	18	0
5	256QAM	1	12	16.23	16.39	16.46	16.30		
5	256QAM	1	24	16.28	16.37	16.31	16.31		
5	256QAM	12	0	16.36	16.40	16.43	16.33	18	0
5	256QAM	12	7	16.22	16.38	16.31	16.26		
5	256QAM	12	13	16.34	16.34	16.31	16.41		
5	256QAM	25	0	16.26	16.34	16.43	16.33		

GSM1900 ANT3	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	29.06	29.13	29.00	29.20	20.06	20.13	20.00	20.20
GPRS 1 Tx slot	29.10	29.18	29.04	29.20	20.10	20.18	20.04	20.20
GPRS 2 Tx slots	25.47	25.55	25.49	26.20	19.47	19.55	19.49	20.20
GPRS 3 Tx slots	23.14	23.23	23.10	24.50	18.88	18.97	18.84	20.24
GPRS 4 Tx slots	21.34	21.47	21.35	23.20	18.34	18.47	18.35	20.20
EDGE 1 Tx slot	25.64	25.74	25.60	27.00	16.64	16.74	16.60	18.00
EDGE 2 Tx slots	24.06	24.12	23.99	25.50	18.06	18.12	17.99	19.50
EDGE 3 Tx slots	22.84	22.91	22.79	24.50	18.58	18.65	18.53	20.24
EDGE 4 Tx slots	20.73	20.80	20.77	22.50	17.73	17.80	17.77	19.50

Band		WCDMA II ANT3			Tune-up Limit (dBm)	WCDMA IV ANT3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.27	19.30	19.36	20.70	20.09	20.11	19.91	21.00
3GPP Rel 99	RMC 12.2Kbps	19.32	19.54	19.38	20.70	20.12	20.16	20.10	21.00
3GPP Rel 6	HSDPA Subtest-1	18.42	18.63	18.58	19.70	18.95	19.06	19.12	20.00
3GPP Rel 6	HSDPA Subtest-2	18.59	18.68	18.39	19.70	19.09	19.22	19.02	20.00
3GPP Rel 6	HSDPA Subtest-3	18.09	18.01	18.04	19.20	18.78	18.54	18.47	19.50
3GPP Rel 6	HSDPA Subtest-4	17.91	18.11	18.14	19.20	18.52	18.62	18.53	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.49	18.60	18.48	19.70	19.13	19.15	18.96	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.38	18.59	18.63	19.70	19.06	19.18	19.15	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.85	17.99	17.98	19.20	18.41	18.54	18.39	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.75	17.91	17.96	19.20	18.46	18.44	18.35	19.50
3GPP Rel 6	HSUPA Subtest-1	18.45	18.61	18.35	19.70	19.17	19.17	18.99	20.00
3GPP Rel 6	HSUPA Subtest-2	16.62	16.63	16.58	17.70	17.16	17.21	17.04	18.00
3GPP Rel 6	HSUPA Subtest-3	17.63	17.53	17.54	18.70	18.06	18.19	18.12	19.00
3GPP Rel 6	HSUPA Subtest-4	16.38	16.81	16.68	17.70	16.93	17.28	17.31	18.00
3GPP Rel 6	HSUPA Subtest-5	18.49	18.54	18.34	19.70	19.02	19.00	19.01	20.00

Band 2 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	18.94	19.06	18.97		
20	QPSK	1	49	18.92	18.85	18.93	20.6	0
20	QPSK	1	99	18.82	18.91	18.79		
20	QPSK	50	0	18.83	19.01	18.86		
20	QPSK	50	24	18.84	18.91	18.77	20.6	0
20	QPSK	50	50	18.84	18.90	18.80		
20	QPSK	100	0	18.91	18.98	18.91		
20	16QAM	1	0	18.89	18.86	18.94		
20	16QAM	1	49	18.72	18.83	18.69	20.6	0
20	16QAM	1	99	18.90	18.79	18.84		
20	16QAM	50	0	18.68	18.96	18.85		
20	16QAM	50	24	18.87	18.73	18.67	20.6	0
20	16QAM	50	50	18.85	18.61	18.75		
20	16QAM	100	0	18.85	18.81	18.88		
20	64QAM	1	0	18.87	18.81	18.96		
20	64QAM	1	49	18.80	18.89	18.71	20.6	0
20	64QAM	1	99	18.68	18.73	18.75		
20	64QAM	50	0	18.68	18.90	18.96		
20	64QAM	50	24	18.77	18.78	18.63	20.6	0
20	64QAM	50	50	18.73	18.76	18.66		
20	64QAM	100	0	18.77	18.81	18.83		
20	256QAM	1	0	17.45	17.45	17.50		
20	256QAM	1	49	17.35	17.30	17.18	19	1.6
20	256QAM	1	99	17.19	17.37	17.28		
20	256QAM	50	0	17.27	17.41	17.25		
20	256QAM	50	24	17.28	17.22	17.25	19	1.6
20	256QAM	50	50	17.26	17.26	17.25		
20	256QAM	100	0	17.25	17.37	17.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.98	19.05	18.97		
15	QPSK	1	37	18.92	18.76	18.93	20.6	0
15	QPSK	1	74	18.77	18.94	18.71		
15	QPSK	36	0	18.74	18.99	18.86		
15	QPSK	36	20	18.88	18.93	18.71	20.6	0
15	QPSK	36	39	18.74	18.83	18.70		
15	QPSK	75	0	18.87	19.01	18.95		
15	16QAM	1	0	18.81	18.84	18.98		
15	16QAM	1	37	18.64	18.79	18.71	20.6	0
15	16QAM	1	74	18.66	18.79	18.76		
15	16QAM	36	0	18.69	18.98	18.85		
15	16QAM	36	20	18.81	18.62	18.67	20.6	0
15	16QAM	36	39	18.83	18.77	18.70		
15	16QAM	75	0	18.77	18.70	18.82		
15	64QAM	1	0	18.81	18.73	18.95		
15	64QAM	1	37	18.70	18.82	18.66	20.6	0
15	64QAM	1	74	18.71	18.76	18.68		
15	64QAM	36	0	18.72	18.79	18.86		
15	64QAM	36	20	18.67	18.74	18.66	20.6	0
15	64QAM	36	39	18.73	18.72	18.63		
15	64QAM	75	0	18.75	18.76	18.72		
15	256QAM	1	0	17.42	17.45	17.46		
15	256QAM	1	37	17.38	17.21	17.20	19	1.6
15	256QAM	1	74	17.18	17.33	17.30		
15	256QAM	36	0	17.22	17.40	17.25		
15	256QAM	36	20	17.21	17.15	17.25	19	1.6
15	256QAM	36	39	17.24	17.22	17.17		
15	256QAM	75	0	17.18	17.33	17.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.92	18.97	19.01		
10	QPSK	1	25	18.95	18.87	18.86	20.6	0
10	QPSK	1	49	18.73	18.88	18.83		
10	QPSK	25	0	18.85	18.96	18.86		
10	QPSK	25	12	18.75	18.82	18.78	20.6	0
10	QPSK	25	25	18.81	18.92	18.74		
10	QPSK	50	0	18.94	18.90	18.87		
10	16QAM	1	0	18.78	18.90	18.93		
10	16QAM	1	25	18.68	18.83	18.70	20.6	0
10	16QAM	1	49	18.91	18.80	18.74		
10	16QAM	25	0	18.67	19.00	18.80		
10	16QAM	25	12	18.80	18.69	18.64	20.6	0
10	16QAM	25	25	18.81	18.77	18.67		
10	16QAM	50	0	18.84	18.82	18.91		
10	64QAM	1	0	18.83	18.73	18.98		
10	64QAM	1	25	18.72	18.84	18.68	20.6	0
10	64QAM	1	49	18.64	18.62	18.65		
10	64QAM	25	0	18.64	18.85	18.87		
10	64QAM	25	12	18.69	18.68	18.63	20.6	0
10	64QAM	25	25	18.74	18.69	18.64		
10	64QAM	50	0	18.74	18.83	18.86		
10	256QAM	1	0	17.41	17.46	17.47		
10	256QAM	1	25	17.32	17.22	17.20	19	1.6
10	256QAM	1	49	17.20	17.32	17.22		
10	256QAM	25	0	17.19	17.41	17.30		
10	256QAM	25	12	17.20	17.17	17.17	19	1.6
10	256QAM	25	25	17.31	17.16	17.22		
10	256QAM	50	0	17.21	17.34	17.33		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.83	19.02	18.98		
5	QPSK	1	12	18.93	18.80	18.83	20.6	0
5	QPSK	1	24	18.83	18.95	18.73		
5	QPSK	12	0	18.82	18.98	18.90		
5	QPSK	12	7	18.76	18.85	18.79	20.6	0
5	QPSK	12	13	18.80	18.80	18.78		
5	QPSK	25	0	18.80	18.88	18.87		
5	16QAM	1	0	18.79	18.90	18.97		
5	16QAM	1	12	18.76	18.73	18.66	20.6	0
5	16QAM	1	24	18.91	18.84	18.78		
5	16QAM	12	0	18.74	18.94	18.85		
5	16QAM	12	7	18.78	18.73	18.60	20.6	0
5	16QAM	12	13	18.80	18.88	18.76		
5	16QAM	25	0	18.77	18.80	18.90		
5	64QAM	1	0	18.87	18.72	18.96		
5	64QAM	1	12	18.71	18.84	18.64	20.6	0
5	64QAM	1	24	18.66	18.62	18.67		
5	64QAM	12	0	18.68	18.85	18.99		
5	64QAM	12	7	18.74	18.69	18.73	20.6	0
5	64QAM	12	13	18.63	18.70	18.83		
5	64QAM	25	0	18.69	18.82	18.76		
5	256QAM	1	0	17.49	17.45	17.52		
5	256QAM	1	12	17.30	17.29	17.14	19	1.6
5	256QAM	1	24	17.19	17.38	17.28		
5	256QAM	12	0	17.20	17.35	17.18		
5	256QAM	12	7	17.28	17.24	17.17	19	1.6
5	256QAM	12	13	17.28	17.14	17.17		
5	256QAM	25	0	17.25	17.32	17.36		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.85	19.00	18.88		
3	QPSK	1	8	18.89	18.77	18.84	20.6	0
3	QPSK	1	14	18.78	18.94	18.72		
3	QPSK	8	0	18.85	18.99	18.90		
3	QPSK	8	4	18.82	18.94	18.71	20.6	0
3	QPSK	8	7	18.75	18.93	18.72		
3	QPSK	15	0	18.82	18.95	18.81		
3	16QAM	1	0	18.88	18.80	18.92		
3	16QAM	1	8	18.61	18.84	18.63	20.6	0
3	16QAM	1	14	18.79	18.79	18.81		
3	16QAM	8	0	18.66	18.96	18.82		
3	16QAM	8	4	18.84	18.74	18.64	20.6	0
3	16QAM	8	7	18.87	18.75	18.66		
3	16QAM	15	0	18.84	18.73	18.81		
3	64QAM	1	0	18.88	18.76	18.99		
3	64QAM	1	8	18.75	18.94	18.76	20.6	0
3	64QAM	1	14	18.72	18.74	18.74		
3	64QAM	8	0	18.60	18.89	18.91		
3	64QAM	8	4	18.73	18.81	18.75	20.6	0
3	64QAM	8	7	18.76	18.75	18.66		
3	64QAM	15	0	18.72	18.78	18.85		
3	256QAM	1	0	17.39	17.41	17.47		
3	256QAM	1	8	17.36	17.26	17.07	19	1.6
3	256QAM	1	14	17.14	17.30	17.31		
3	256QAM	8	0	17.26	17.33	17.17		
3	256QAM	8	4	17.20	17.16	17.24	19	1.6
3	256QAM	8	7	17.22	17.23	17.17		
3	256QAM	15	0	17.24	17.39	17.33		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.92	18.97	19.02		
1.4	QPSK	1	3	18.84	18.83	18.96		
1.4	QPSK	1	5	18.83	18.89	18.83	20.6	0
1.4	QPSK	3	0	18.81	18.96	18.84		
1.4	QPSK	3	1	18.84	18.83	18.78		
1.4	QPSK	3	3	18.86	18.83	18.80		
1.4	QPSK	6	0	18.89	19.01	18.94	20.6	0
1.4	16QAM	1	0	18.93	18.77	18.99		
1.4	16QAM	1	3	18.71	18.76	18.61		
1.4	16QAM	1	5	18.89	18.77	18.80	20.6	0
1.4	16QAM	3	0	18.72	18.85	18.88		
1.4	16QAM	3	1	18.80	18.74	18.72		
1.4	16QAM	3	3	18.89	18.77	18.76		
1.4	16QAM	6	0	18.81	18.70	18.88	20.6	0
1.4	64QAM	1	0	18.85	18.75	18.88		
1.4	64QAM	1	3	18.81	18.80	18.70		
1.4	64QAM	1	5	18.68	18.72	18.70	20.6	0
1.4	64QAM	3	0	18.85	18.88	18.99		
1.4	64QAM	3	1	18.68	18.75	18.61		
1.4	64QAM	3	3	18.74	18.76	18.64		
1.4	64QAM	6	0	18.67	18.79	18.83	20.6	0
1.4	256QAM	1	0	17.43	17.35	17.53		
1.4	256QAM	1	3	17.39	17.23	17.21		
1.4	256QAM	1	5	17.21	17.27	17.30	19	1.6
1.4	256QAM	3	0	17.31	17.39	17.29		
1.4	256QAM	3	1	17.22	17.24	17.18		
1.4	256QAM	3	3	17.22	17.20	17.16		
1.4	256QAM	6	0	17.29	17.40	17.24	19	1.6

Band 4 Ant 3

BW [MHz]	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	19.89	19.99	19.79		
20	QPSK	1	49	19.75	19.85	19.74	21.2	0
20	QPSK	1	99	19.64	19.78	19.69		
20	QPSK	50	0	19.90	19.96	19.73		
20	QPSK	50	24	19.76	19.73	19.54	21.2	0
20	QPSK	50	50	19.66	19.78	19.57		
20	QPSK	100	0	19.68	19.88	19.82		
20	16QAM	1	0	19.69	19.94	19.76		
20	16QAM	1	49	19.71	19.84	19.64	21.2	0
20	16QAM	1	99	19.58	19.86	19.68		
20	16QAM	50	0	19.84	19.91	19.82		
20	16QAM	50	24	19.87	19.75	19.61	21.2	0
20	16QAM	50	50	19.67	19.79	19.76		
20	16QAM	100	0	19.77	19.97	19.68		
20	64QAM	1	0	19.61	19.76	19.43		
20	64QAM	1	49	19.49	19.78	19.59	21.2	0
20	64QAM	1	99	19.75	19.82	19.70		
20	64QAM	50	0	19.73	19.61	19.45		
20	64QAM	50	24	19.76	19.82	19.50	21	0.2
20	64QAM	50	50	19.49	19.74	19.69		
20	64QAM	100	0	19.61	19.92	19.54		
20	256QAM	1	0	18.03	18.12	18.06		
20	256QAM	1	49	17.94	18.07	17.92	19	2.2
20	256QAM	1	99	17.86	18.00	17.94		
20	256QAM	50	0	17.99	18.08	17.95		
20	256QAM	50	24	17.91	18.03	17.90	19	2.2
20	256QAM	50	50	17.82	17.96	17.89		
20	256QAM	100	0	17.96	18.04	17.92		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.81	19.91	19.75		
15	QPSK	1	37	19.70	19.79	19.58	21.2	0
15	QPSK	1	74	19.57	19.65	19.59		
15	QPSK	36	0	19.78	19.94	19.60		
15	QPSK	36	20	19.61	19.58	19.47	21.2	0
15	QPSK	36	39	19.55	19.63	19.54		
15	QPSK	75	0	19.53	19.76	19.67		
15	16QAM	1	0	19.53	19.91	19.71		
15	16QAM	1	37	19.67	19.80	19.49	21.2	0
15	16QAM	1	74	19.51	19.73	19.55		
15	16QAM	36	0	19.76	19.83	19.76		
15	16QAM	36	20	19.82	19.70	19.58	21.2	0
15	16QAM	36	39	19.60	19.65	19.68		
15	16QAM	75	0	19.75	19.87	19.63		
15	64QAM	1	0	19.44	19.72	19.34		
15	64QAM	1	37	19.46	19.63	19.51	21.2	0
15	64QAM	1	74	19.72	19.79	19.63		
15	64QAM	36	0	19.73	19.59	19.50		
15	64QAM	36	20	19.82	19.63	19.50	21	0.2
15	64QAM	36	39	19.60	19.67	19.59		
15	64QAM	75	0	19.70	19.86	19.57		
15	256QAM	1	0	17.94	18.06	17.99		
15	256QAM	1	37	17.81	18.03	17.83	19	2.2
15	256QAM	1	74	17.71	17.95	17.87		
15	256QAM	36	0	17.88	18.03	17.91		
15	256QAM	36	20	17.87	17.91	17.78	19	2.2
15	256QAM	36	39	17.70	17.92	17.76		
15	256QAM	75	0	17.83	17.92	17.79		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.84	19.83	19.64		
10	QPSK	1	25	19.60	19.75	19.61	21.2	0
10	QPSK	1	49	19.49	19.62	19.65		
10	QPSK	25	0	19.81	19.83	19.61		
10	QPSK	25	12	19.65	19.69	19.39	21.2	0
10	QPSK	25	25	19.54	19.65	19.39		
10	QPSK	50	0	19.51	19.81	19.65		
10	16QAM	1	0	19.63	19.83	19.61		
10	16QAM	1	25	19.69	19.70	19.50	21.2	0
10	16QAM	1	49	19.48	19.77	19.55		
10	16QAM	25	0	19.79	19.83	19.79		
10	16QAM	25	12	19.78	19.59	19.57	21.2	0
10	16QAM	25	25	19.57	19.70	19.72		
10	16QAM	50	0	19.67	19.85	19.62		
10	64QAM	1	0	19.57	19.72	19.27		
10	64QAM	1	25	19.31	19.62	19.45	21.2	0
10	64QAM	1	49	19.63	19.70	19.62		
10	64QAM	25	0	19.79	19.90	19.57		
10	64QAM	25	12	19.83	19.70	19.48	21	0.2
10	64QAM	25	25	19.58	19.65	19.62		
10	64QAM	50	0	19.74	19.81	19.53		
10	256QAM	1	0	17.96	18.04	17.95		
10	256QAM	1	25	17.82	17.99	17.80	19	2.2
10	256QAM	1	49	17.80	17.86	17.91		
10	256QAM	25	0	17.93	17.95	17.87		
10	256QAM	25	12	17.86	17.93	17.77	19	2.2
10	256QAM	25	25	17.74	17.86	17.82		
10	256QAM	50	0	17.90	17.92	17.88		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.85	19.96	19.69		
5	QPSK	1	12	19.61	19.74	19.58	21.2	0
5	QPSK	1	24	19.59	19.63	19.66		
5	QPSK	12	0	19.83	19.78	19.70		
5	QPSK	12	7	19.60	19.69	19.44	21.2	0
5	QPSK	12	13	19.61	19.71	19.40		
5	QPSK	25	0	19.64	19.84	19.76		
5	16QAM	1	0	19.58	19.91	19.63		
5	16QAM	1	12	19.62	19.75	19.61	21.2	0
5	16QAM	1	24	19.52	19.84	19.64		
5	16QAM	12	0	19.69	19.84	19.69		
5	16QAM	12	7	19.76	19.58	19.58	21.2	0
5	16QAM	12	13	19.60	19.73	19.66		
5	16QAM	25	0	19.69	19.90	19.56		
5	64QAM	1	0	19.46	19.62	19.32		
5	64QAM	1	12	19.39	19.73	19.44	21.2	0
5	64QAM	1	24	19.66	19.79	19.64		
5	64QAM	12	0	19.82	19.63	19.59		
5	64QAM	12	7	19.75	19.58	19.44	21	0.2
5	64QAM	12	13	19.51	19.63	19.71		
5	64QAM	25	0	19.66	19.85	19.51		
5	256QAM	1	0	17.93	17.98	18.00		
5	256QAM	1	12	17.80	17.98	17.88	19	2.2
5	256QAM	1	24	17.82	17.95	17.87		
5	256QAM	12	0	17.94	18.02	17.88		
5	256QAM	12	7	17.84	17.93	17.79	19	2.2
5	256QAM	12	13	17.72	17.92	17.80		
5	256QAM	25	0	17.85	17.98	17.83		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.86	19.96	19.65		
3	QPSK	1	8	19.69	19.76	19.63	21.2	0
3	QPSK	1	14	19.53	19.70	19.57		
3	QPSK	8	0	19.87	19.87	19.57		
3	QPSK	8	4	19.71	19.58	19.39	21.2	0
3	QPSK	8	7	19.55	19.64	19.49		
3	QPSK	15	0	19.59	19.84	19.66		
3	16QAM	1	0	19.65	19.82	19.63		
3	16QAM	1	8	19.55	19.74	19.59	21.2	0
3	16QAM	1	14	19.48	19.70	19.57		
3	16QAM	8	0	19.72	19.76	19.78		
3	16QAM	8	4	19.82	19.65	19.55	21.2	0
3	16QAM	8	7	19.50	19.63	19.63		
3	16QAM	15	0	19.62	19.82	19.65		
3	64QAM	1	0	19.47	19.71	19.40		
3	64QAM	1	8	19.47	19.66	19.42	21.2	0
3	64QAM	1	14	19.62	19.72	19.61		
3	64QAM	8	0	19.76	19.57	19.54		
3	64QAM	8	4	19.77	19.63	19.45	21	0.2
3	64QAM	8	7	19.51	19.77	19.66		
3	64QAM	15	0	19.63	19.88	19.50		
3	256QAM	1	0	17.88	18.08	17.93		
3	256QAM	1	8	17.89	17.99	17.88	19	2.2
3	256QAM	1	14	17.74	17.87	17.83		
3	256QAM	8	0	17.92	18.00	17.83		
3	256QAM	8	4	17.78	17.90	17.82	19	2.2
3	256QAM	8	7	17.76	17.91	17.79		
3	256QAM	15	0	17.93	17.98	17.79		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.80	19.87	19.64		
1.4	QPSK	1	3	19.58	19.72	19.61		
1.4	QPSK	1	5	19.47	19.70	19.63	21.2	0
1.4	QPSK	3	0	19.85	19.86	19.73		
1.4	QPSK	3	1	19.62	19.81	19.62		
1.4	QPSK	3	3	19.53	19.70	19.58		
1.4	QPSK	6	0	19.84	19.88	19.56	21.2	0
1.4	16QAM	1	0	19.65	19.57	19.44		
1.4	16QAM	1	3	19.55	19.73	19.43		
1.4	16QAM	1	5	19.57	19.76	19.70	21.2	0
1.4	16QAM	3	0	19.64	19.89	19.59		
1.4	16QAM	3	1	19.66	19.69	19.52		
1.4	16QAM	3	3	19.53	19.78	19.55		
1.4	16QAM	6	0	19.68	19.75	19.79	21.2	0
1.4	64QAM	1	0	19.82	19.72	19.46		
1.4	64QAM	1	3	19.59	19.64	19.62		
1.4	64QAM	1	5	19.75	19.86	19.57	21.2	0
1.4	64QAM	3	0	19.44	19.62	19.28		
1.4	64QAM	3	1	19.43	19.66	19.42		
1.4	64QAM	3	3	19.72	19.74	19.60		
1.4	64QAM	6	0	19.83	19.90	19.91	21	0.2
1.4	256QAM	1	0	17.92	18.08	17.98		
1.4	256QAM	1	3	17.90	18.02	17.85		
1.4	256QAM	1	5	17.81	17.92	17.86	19	2.2
1.4	256QAM	3	0	17.87	18.04	17.87		
1.4	256QAM	3	1	17.81	17.93	17.87		
1.4	256QAM	3	3	17.74	17.88	17.79		
1.4	256QAM	6	0	17.83	17.95	17.78	19	2.2

Band 7 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.15	21.20	21.17		
20	QPSK	1	49	21.13	21.10	21.15	22.3	0
20	QPSK	1	99	21.05	21.12	21.13		
20	QPSK	50	0	20.99	21.16	21.04		
20	QPSK	50	24	21.02	21.00	21.13	22.3	0
20	QPSK	50	50	20.89	21.10	21.01		
20	QPSK	100	0	21.05	21.10	21.08		
20	16QAM	1	0	20.96	21.01	21.00		
20	16QAM	1	49	20.97	20.91	21.09	22.3	0
20	16QAM	1	99	20.98

Band 25 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.08	19.12	19.10		
20	QPSK	1	49	19.04	19.00	18.95	20.6	0
20	QPSK	1	99	18.93	19.03	18.94		
20	QPSK	50	0	18.96	19.06	18.98		
20	QPSK	50	24	18.93	18.95	18.87	20.6	0
20	QPSK	50	50	18.91	18.92	18.82		
20	QPSK	100	0	18.97	19.00	18.96		
20	16QAM	1	0	18.94	18.95	18.99		
20	16QAM	1	49	18.88	18.85	18.81	20.6	0
20	16QAM	1	99	18.92	18.86	18.93		
20	16QAM	50	0	18.79	18.99	18.88		
20	16QAM	50	24	18.91	18.90	18.81	20.6	0
20	16QAM	50	50	18.88	18.76	18.78		
20	16QAM	100	0	18.90	18.88	18.91		
20	64QAM	1	0	18.93	18.95	19.06		
20	64QAM	1	49	18.94	18.98	18.86	20.6	0
20	64QAM	1	99	18.79	18.88	18.86		
20	64QAM	50	0	18.83	19.04	18.97		
20	64QAM	50	24	18.90	18.84	18.77	20.6	0
20	64QAM	50	50	18.86	18.80	18.67		
20	64QAM	100	0	18.86	18.89	18.87		
20	256QAM	1	0	17.52	17.50	17.55		
20	256QAM	1	49	17.50	17.44	17.31	19	1.6
20	256QAM	1	99	17.34	17.42	17.33		
20	256QAM	50	0	17.42	17.54	17.35		
20	256QAM	50	24	17.31	17.31	17.33	19	1.6
20	256QAM	50	50	17.35	17.39	17.26		
20	256QAM	100	0	17.36	17.39	17.44		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.96	19.10	19.00		
15	QPSK	1	37	18.95	18.86	18.86	20.6	0
15	QPSK	1	74	18.83	18.88	18.81		
15	QPSK	36	0	18.92	19.01	18.86		
15	QPSK	36	20	18.83	18.91	18.77	20.6	0
15	QPSK	36	39	18.85	18.86	18.79		
15	QPSK	75	0	18.88	18.83	18.83		
15	16QAM	1	0	18.88	18.79	18.85		
15	16QAM	1	37	18.74	18.74	18.67	20.6	0
15	16QAM	1	74	18.85	18.69	18.88		
15	16QAM	36	0	18.64	18.82	18.78		
15	16QAM	36	20	18.84	18.87	18.70	20.6	0
15	16QAM	36	39	18.83	18.65	18.63		
15	16QAM	75	0	18.77	18.81	18.82		
15	64QAM	1	0	18.89	18.87	19.04		
15	64QAM	1	37	18.81	18.82	18.73	20.6	0
15	64QAM	1	74	18.74	18.76	18.82		
15	64QAM	36	0	18.71	18.87	18.89		
15	64QAM	36	20	18.80	18.81	18.61	20.6	0
15	64QAM	36	39	18.77	18.75	18.61		
15	64QAM	75	0	18.77	18.84	18.74		
15	256QAM	1	0	17.48	17.46	17.46		
15	256QAM	1	37	17.42	17.36	17.15	19	1.6
15	256QAM	1	74	17.33	17.41	17.18		
15	256QAM	36	0	17.40	17.40	17.24		
15	256QAM	36	20	17.18	17.27	17.27	19	1.6
15	256QAM	36	39	17.20	17.25	17.15		
15	256QAM	75	0	17.29	17.32	17.42		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.95	18.99	19.03		
10	QPSK	1	25	18.87	18.91	18.84	20.6	0
10	QPSK	1	49	18.84	18.91	18.83		
10	QPSK	25	0	18.92	18.92	18.91		
10	QPSK	25	12	18.87	18.94	18.77	20.6	0
10	QPSK	25	25	18.75	18.86	18.80		
10	QPSK	50	0	18.87	18.94	18.93		
10	16QAM	1	0	18.86	18.83	18.82		
10	16QAM	1	25	18.84	18.77	18.79	20.6	0
10	16QAM	1	49	18.86	18.82	18.85		
10	16QAM	25	0	18.74	18.92	18.74		
10	16QAM	25	12	18.79	18.84	18.76	20.6	0
10	16QAM	25	25	18.85	18.94	18.62		
10	16QAM	50	0	18.77	18.72	18.74		
10	64QAM	1	0	18.84	18.82	18.99		
10	64QAM	1	25	18.78	18.92	18.83	20.6	0
10	64QAM	1	49	18.69	18.77	18.84		
10	64QAM	25	0	18.78	18.93	18.92		
10	64QAM	25	12	18.80	18.68	18.75	20.6	0
10	64QAM	25	25	18.69	18.79	18.66		
10	64QAM	50	0	18.69	18.78	18.84		
10	256QAM	1	0	17.38	17.42	17.47		
10	256QAM	1	25	17.45	17.33	17.30	19	1.6
10	256QAM	1	49	17.32	17.36	17.23		
10	256QAM	25	0	17.34	17.50	17.30		
10	256QAM	25	12	17.26	17.15	17.18	19	1.6
10	256QAM	25	25	17.24	17.23	17.16		
10	256QAM	50	0	17.28	17.38	17.30		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.01	19.11	19.06		
5	QPSK	1	12	18.93	18.87	18.92	20.6	0
5	QPSK	1	24	18.87	18.89	18.82		
5	QPSK	12	0	18.80	19.04	18.89		
5	QPSK	12	7	18.84	18.87	18.85	20.6	0
5	QPSK	12	13	18.81	18.79	18.70		
5	QPSK	25	0	18.83	18.93	18.88		
5	16QAM	1	0	18.86	18.88	18.88		
5	16QAM	1	12	18.73	18.84	18.66	20.6	0
5	16QAM	1	24	18.78	18.83	18.89		
5	16QAM	12	0	18.72	18.85	18.76		
5	16QAM	12	7	18.76	18.87	18.78	20.6	0
5	16QAM	12	13	18.76	18.67	18.71		
5	16QAM	25	0	18.87	18.85	18.88		
5	64QAM	1	0	18.92	18.84	18.92		
5	64QAM	1	12	18.79	18.89	18.71	20.6	0
5	64QAM	1	24	18.75	18.72	18.83		
5	64QAM	12	0	18.73	18.93	18.94		
5	64QAM	12	7	18.84	18.76	18.76	20.6	0
5	64QAM	12	13	18.71	18.76	18.63		
5	64QAM	25	0	18.83	18.73	18.70		
5	256QAM	1	0	17.39	17.38	17.40		
5	256QAM	1	12	17.33	17.42	17.15	19	1.6
5	256QAM	1	24	17.30	17.27	17.28		
5	256QAM	12	0	17.27	17.51	17.24		
5	256QAM	12	7	17.23	17.17	17.23	19	1.6
5	256QAM	12	13	17.22	17.28	17.26		
5	256QAM	25	0	17.23	17.22	17.27		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.94	19.10	18.96		
3	QPSK	1	8	18.88	18.85	18.87	20.6	0
3	QPSK	1	14	18.85	18.93	18.92		
3	QPSK	8	0	18.88	19.01	18.84		
3	QPSK	8	4	18.89	18.89	18.84	20.6	0
3	QPSK	8	7	18.86	18.81	18.79		
3	QPSK	15	0	18.82	18.87	18.87		
3	16QAM	1	0	18.88	18.92	18.82		
3	16QAM	1	8	18.85	18.81	18.70	20.6	0
3	16QAM	1	14	18.90	18.75	18.79		
3	16QAM	8	0	18.75	18.91	18.84		
3	16QAM	8	4	18.79	18.77	18.71	20.6	0
3	16QAM	8	7	18.77	18.66	18.69		
3	16QAM	15	0	18.80	18.77	18.75		
3	64QAM	1	0	18.92	18.86	18.90		
3	64QAM	1	8	18.66	18.85	18.83	20.6	0
3	64QAM	1	14	18.68	18.73	18.83		
3	64QAM	8	0	18.71	19.00	18.82		
3	64QAM	8	4	18.83	18.69	18.70	20.6	0
3	64QAM	8	7	18.73	18.74	18.60		
3	64QAM	15	0	18.78	18.86	18.75		
3	256QAM	1	0	17.41	17.35	17.52		
3	256QAM	1	8	17.48	17.34	17.26	19	1.6
3	256QAM	1	14	17.20	17.36	17.30		
3	256QAM	8	0	17.35	17.38	17.23		
3	256QAM	8	4	17.24	17.29	17.26	19	1.6
3	256QAM	8	7	17.20	17.31	17.22		
3	256QAM	15	0	17.32	17.24	17.30		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.02	19.05	19.00		
1.4	QPSK	1	3	18.96	18.94	18.80		
1.4	QPSK	1	5	18.85	18.90	18.79	20.6	0
1.4	QPSK	3	0	18.89	19.02	18.85		
1.4	QPSK	3	1	18.77	18.85	18.73		
1.4	QPSK	3	3	18.85	18.81	18.66		
1.4	QPSK	6	0	18.94	18.95	18.85	20.6	0
1.4	16QAM	1	0	18.82	18.89	18.90		
1.4	16QAM	1	3	18.77	18.69	18.79		
1.4	16QAM	1	5	18.85	18.72	18.76	20.6	0
1.4	16QAM	3	0	18.71	18.92	18.86		
1.4	16QAM	3	1	18.75	18.73	18.65		
1.4	16QAM	3	3	18.74	18.61	18.68		
1.4	16QAM	6	0	18.80	18.81	18.77	20.6	0
1.4	64QAM	1	0	18.78	18.84	18.96		
1.4	64QAM	1	3	18.90	18.83	18.72		
1.4	64QAM	1	5	18.70	18.71	18.84	20.6	0
1.4	64QAM	3	0	18.79	18.99	18.95		
1.4	64QAM	3	1	18.78	18.77	18.60		
1.4	64QAM	3	3	18.84	18.67	18.63		
1.4	64QAM	6	0	18.70	18.87	18.75	20.6	0
1.4	256QAM	1	0	17.51	17.35	17.42		
1.4	256QAM	1	3	17.40	17.29	17.23		
1.4	256QAM	1	5	17.25	17.27	17.20	19	1.6
1.4	256QAM	3	0	17.26	17.49	17.26		
1.4	256QAM	3	1	17.18	17.14	17.32		
1.4	256QAM	3	3	17.32	17.32	17.27		
1.4	256QAM	6	0	17.20	17.24	17.43	19	1.6

Band 66 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.98	20.05	19.95		
20	QPSK	1	49	19.92	19.96	19.79	21.2	0
20	QPSK	1	99	19.82	19.91	19.87		
20	QPSK	50	0	19.94	20.02	19.88		
20	QPSK	50	24	19.86	19.87	19.64	21.2	0
20	QPSK	50	50	19.69	19.88	19.74		
20	QPSK	100	0	19.81	19.94	19.93		
20	16QAM	1	0	19.86	19.98	19.83		
20	16QAM	1	49	19.86	19.97	19.77	21.2	0
20	16QAM	1	99	19.71	19.91	19.85		
20	16QAM	50	0	19.87	20.03	19.96		
20	16QAM	50	24	19.93	19.91	19.68	21.2	0
20	16QAM	50	50	19.75	19.85	19.86		
20	16QAM	100	0	19.88	20.00	19.84		
20	64QAM	1	0	19.79	19.87	19.60		
20	64QAM	1	49	19.64	19.88	19.71	21.2	0
20	64QAM	1	99	19.77	19.86	19.83		
20	64QAM	50	0	19.75	19.87	19.67		
20	64QAM	50	24	19.66	19.60	19.46	21	0.2
20	64QAM	50	50	19.51	19.70	19.53		
20	64QAM	100	0	19.66	19.70	19.66		
20	256QAM	1	0	17.75	17.84	17.74		
20	256QAM	1	49	17.73	17.71	17.40	19	2.2
20	256QAM	1	99	17.44	17.61	17.50		
20	256QAM	50	0	17.67	17.74	17.77		
20	256QAM	50	24	17.63	17.74	17.63	19	2.2
20	256QAM	50	50	17.68	17.85	17.57		
20	256QAM	100	0	17.54	17.73	17.72		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.87	19.91	19.88		
15	QPSK	1	37	19.82	19.91	19.68	21.2	0
15	QPSK	1	74	19.72	19.83	19.81		
15	QPSK	36	0	19.78	19.86	19.83		
15	QPSK	36	20	19.84	19.70	19.49	21.2	0
15	QPSK	36	39	19.57	19.83	19.58		
15	QPSK	75	0	19.72	19.77	19.83		
15	16QAM	1	0	19.75	19.80	19.80		
15	16QAM	1	37	19.71	19.93	19.66	21.2	0
15	16QAM	1	74	19.64	19.86	19.71		
15	16QAM	36	0	19.71	19.97	19.90		
15	16QAM	36	20	19.86	19.86	19.64	21.2	0
15	16QAM	36	39	19.71	19.82	19.73		
15	16QAM	75	0	19.78	19.95	19.75		
15	64QAM	1	0	19.63	19.73	19.51		
15	64QAM	1	37	19.47	19.73	19.66	21.2	0
15	64QAM	1	74	19.68	19.79	19.71		
15	64QAM	36	0	19.70	19.62	19.52		
15	64QAM	36	20	19.55	19.44	19.31	21	0.2
15	64QAM	36	39	19.47	19.66	19.44		
15	64QAM	75	0	19.63	19.68	19.48		
15	256QAM	1	0	17.70	17.71	17.66		
15	256QAM	1	37	17.67	17.60	17.33	19	2.2
15	256QAM	1	74	17.29	17.46	17.43		
15	256QAM	36	0	17.56	17.62	17.66		
15	256QAM	36	20	17.46	17.66	17.50	19	2.2
15	256QAM	36	39	17.53	17.82	17.49		
15	256QAM	75	0	17.40	17.67	17.61		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.95	20.01	19.91		
10	QPSK	1	25	19.87	19.82	19.62	21.2	0
10	QPSK	1	49	19.76	19.75	19.80		
10	QPSK	25	0	19.85	19.89	19.80		
10	QPSK	25	12	19.79	19.79	19.90	21.2	0
10	QPSK	25	25	19.58	19.80	19.57		
10	QPSK	50	0	19.76	19.86	19.90		
10	16QAM	1	0	19.83	19.92	19.77		
10	16QAM	1	25	19.84	19.93	19.74	21.2	0
10	16QAM	1	49	19.67	19.80	19.80		
10	16QAM	25	0	19.72	19.89	19.88		
10	16QAM	25	12	19.84	19.76	19.61	21.2	0
10	16QAM	25	25	19.60	19.77	19.83		
10	16QAM	50	0	19.81	19.88	19.68		
10	64QAM	1	0	19.71	19.74	19.56		
10	64QAM	1	25	19.55	19.73	19.68	21.2	0
10	64QAM	1	49	19.67	19.72	19.81		
10	64QAM	25	0	19.66	19.71	19.50		
10	64QAM	25	12	19.59	19.49	19.42	21	0.2
10	64QAM	25	25	19.41	19.59	19.45		
10	64QAM	50	0	19.60	19.56	19.59		
10	256QAM	1	0	17.68	17.70	17.56		
10	256QAM	1	25	17.63	17.55	17.28	19	2.2
10	256QAM	1	49	17.41	17.56	17.47		
10	256QAM	25	0	17.63	17.62	17.73		
10	256QAM	25	12	17.60	17.58	17.49	19	2.2
10	256QAM	25	25	17.59	17.83	17.43		
10	256QAM	50	0	17.44	17.62	17.55		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.89	19.89	19.84		
5	QPSK	1	12	19.87	19.86	19.63	21.2	0
5	QPSK	1	24	19.67	19.81	19.75		
5	QPSK	12	0	19.86	19.86	19.81		
5	QPSK	12	7	19.73	19.83	19.51	21.2	0
5	QPSK	12	13	19.56	19.86	19.63		
5	QPSK	25	0	19.66	19.88	19.85		
5	16QAM	1	0	19.81	19.80	19.70		
5	16QAM	1	12	19.73	19.84	19.66	21.2	0
5	16QAM	1	24	19.55	19.79	19.81		
5	16QAM	12	0	19.76	19.92	19.87		
5	16QAM	12	7	19.75	19.85	19.50	21.2	0
5	16QAM	12	13	19.60	19.71	19.76		
5	16QAM	25	0	19.79	19.83	19.80		
5	64QAM	1	0	19.73	19.75	19.52		
5	64QAM	1	12	19.58	19.74	19.69	21.2	0
5	64QAM	1	24	19.63	19.68	19.71		
5	64QAM	12	0	19.59	19.76	19.63		
5	64QAM	12	7	19.52	19.43	19.43	21	0.2
5	64QAM	12	13	19.43	19.62	19.46		
5	64QAM	25	0	19.57	19.64	19.64		
5	256QAM	1	0	17.69	17.77	17.71		
5	256QAM	1	12	17.69	17.54	17.33	19	2.2
5	256QAM	1	24	17.36	17.57	17.39		
5	256QAM	12	0	17.63	17.61	17.74		
5	256QAM	12	7	17.56	17.56	17.47	19	2.2
5	256QAM	12	13	17.59	17.82	17.48		
5	256QAM	25	0	17.40	17.57	17.56		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.81	19.88	19.91		
3	QPSK	1	8	19.80	19.86	19.75	21.2	0
3	QPSK	1	14	19.73	19.78	19.79		
3	QPSK	8	0	19.78	19.87	19.86		
3	QPSK	8	4	19.75	19.74	19.56	21.2	0
3	QPSK	8	7	19.54	19.77	19.61		
3	QPSK	15	0	19.76	19.78	19.75		
3	16QAM	1	0	19.78	19.86	19.72		
3	16QAM	1	8	19.70	19.88	19.66	21.2	0
3	16QAM	1	14	19.56	19.84	19.71		
3	16QAM	8	0	19.72	19.94	19.93		
3	16QAM	8	4	19.76	19.80	19.62	21.2	0
3	16QAM	8	7	19.58	19.68	19.78		
3	16QAM	15	0	19.83	19.91	19.73		
3	64QAM	1	0	19.69	19.71	19.56		
3	64QAM	1	8	19.46	19.76	19.58	21.2	0
3	64QAM	1	14	19.73	19.74	19.70		
3	64QAM	8	0	19.60	19.83	19.58		
3	64QAM	8	4	19.63	19.50	19.36	21	0.2
3	64QAM	8	7	19.37	19.63	19.43		
3	64QAM	15	0	19.57	19.63	19.51		
3	256QAM	1	0	17.64	17.71	17.63		
3	256QAM	1	8	17.60	17.54	17.23	19	2.2
3	256QAM	1	14	17.37	17.51	17.36		
3	256QAM	8	0	17.62	17.67	17.62		
3	256QAM	8	4	17.51	17.56	17.48	19	2.2
3	256QAM	8	7	17.52	17.75	17.48		
3	256QAM	15	0	17.43	17.70	17.55		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.92	19.89	19.83		
1.4	QPSK	1	3	19.90	19.84	19.65		
1.4	QPSK	1	5	19.69	19.86	19.71	21.2	0
1.4	QPSK	3	0	19.82	19.85	19.76		
1.4	QPSK	3	1	19.74	19.79	19.61		
1.4	QPSK	3	3	19.56	19.71	19.59		
1.4	QPSK	6	0	19.73	19.78	19.90	21.2	0
1.4	16QAM	1	0	19.82	19.87	19.65		
1.4	16QAM	1	3	19.83	19.95	19.63		
1.4	16QAM	1	5	19.55	19.86	19.67	21.2	0
1.4	16QAM	3	0	19.83	19.95	19.86		
1.4	16QAM	3	1	19.86	19.86	19.56		
1.4	16QAM	3	3	19.70	19.68	19.73		
1.4	16QAM	6	0	19.71	19.90	19.80	21.2	0
1.4	64QAM	1	0	19.64	19.73	19.53		
1.4	64QAM	1	3	19.52	19.73	19.59		
1.4	64QAM	1	5	19.63	19.75	19.73	21.2	0
1.4	64QAM	3	0	19.65	19.76	19.56		
1.4	64QAM	3	1	19.57	19.47	19.40		
1.4	64QAM	3	3	19.39	19.63	19.44		
1.4	64QAM	6	0	19.60	19.66	19.54	21.2	0
1.4	256QAM	1	0	17.71	17.60	17.64		
1.4	256QAM	1	3	17.58	17.68	17.24		
1.4	256QAM	1	5	17.28	17.49	17.45	19.6	1.6
1.4	256QAM	3	0	17.59	17.68	17.72		
1.4	256QAM	3	1	17.51	17.66	17.57		
1.4	256QAM	3	3	17.56	17.69	17.40		
1.4	256QAM	6	0	17.43	17.69	17.66	19.6	1.6

Band 38 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	23.04	23.20	23.05		
20	QPSK	1	49	22.98	23.05	22.95	24	0
20	QPSK	1	99	22.88	23.01	22.86		
20	QPSK	50	0	22.29	22.34	22.20		
20	QPSK	50	24	22.20	22.29	22.16	23	1
20	QPSK	50	50	22.16	22.22	22.19		
20	QPSK	100	0	22.24	22.28	22.22		
20	16QAM	1	0	22.34	22.48	22.33		
20	16QAM	1	49	22.33	22.43	22.30	23	1
20	16QAM	1	99	22.25	22.36	22.30		
20	16QAM	50	0	21.28	21.39	21.34		
20	16QAM	50	24	21.23	21.34	21.20	22	2
20	16QAM	50	50	21.21	21.27	21.23		
20	16QAM	100	0	21.22	21.34	21.24		
20	64QAM	1	0	21.26	21.33	21.26		
20	64QAM	1	49	21.26	21.28	21.23	22	2
20	64QAM	1	99	21.12	21.21	21.12		
20	64QAM	50	0	20.25	20.35	20.24		
20	64QAM	50	24	20.21	20.30	20.27	21	3
20	64QAM	50	50	20.11	20.23	20.10		
20	64QAM	100	0	20.25	20.38	20.31		
20	256QAM	1	0	18.33	18.41	18.30		
20	256QAM	1	49	18.21	18.36	18.25	19	5
20	256QAM	1	99	18.25	18.29	18.21		
20	256QAM	50	0	18.19	18.32	18.19		
20	256QAM	50	24	18.18	18.27	18.18	19	5
20	256QAM	50	50	18.11	18.20	18.05		
20	256QAM	100	0	18.23	18.26	18.16		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2596	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.97	23.07	22.94		
15	QPSK	1	37	22.84	22.94	22.85	24	0
15	QPSK	1	74	22.82	22.85	22.80		
15	QPSK	36	0	22.22	22.30	22.13		
15	QPSK	36	20	22.08	22.21	22.05	23	1
15	QPSK	36	39	22.11	22.11	22.09		
15	QPSK	75	0	22.15	22.23	22.16		
15	16QAM	1	0	22.30	22.34	22.22		
15	16QAM	1	37	22.26	22.36	22.26	23	1
15	16QAM	1	74	22.17	22.30	22.23		
15	16QAM	36	0	21.15	21.35	21.30		
15	16QAM	36	20	21.18	21.25	21.06	22	2
15	16QAM	36	39	21.06	21.17	21.19		
15	16QAM	75	0	21.10	21.26	21.18		
15	64QAM	1	0	21.15	21.27	21.22		
15	64QAM	1	37	21.12	21.20	21.16	22	2
15	64QAM	1	74	21.01	21.11	21.02		
15	64QAM	36	0	20.11	20.25	20.14		
15	64QAM	36	20	20.16	20.24	20.22	21	3
15	64QAM	36	39	19.99	20.18	20.00		
15	64QAM	75	0	20.16	20.35	20.20		
15	256QAM	1	0	18.22	18.37	18.18		
15	256QAM	1	37	18.14	18.23	18.14	19	5
15	256QAM	1	74	18.15	18.24	18.08		
15	256QAM	36	0	18.08	18.24	18.08		
15	256QAM	36	20	18.12	18.14	18.14	19	5
15	256QAM	36	39	18.07	18.14	17.93		
15	256QAM	75	0	18.15	18.21	18.06		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2596	2618	(dBm)	(dB)
10	QPSK	1	0	23.00	23.15	22.91		
10	QPSK	1	25	22.88	22.99	22.89	24	0
10	QPSK	1	49	22.77	22.92	22.82		
10	QPSK	25	0	22.16	22.20	22.16		
10	QPSK	25	12	22.15	22.18	22.11	23	1
10	QPSK	25	25	22.03	22.18	22.12		
10	QPSK	50	0	22.20	22.22	22.18		
10	16QAM	1	0	22.31	22.37	22.19		
10	16QAM	1	25	22.27	22.29	22.15	23	1
10	16QAM	1	49	22.13	22.30	22.21		
10	16QAM	25	0	21.20	21.27	21.22		
10	16QAM	25	12	21.12	21.21	21.11	22	2
10	16QAM	25	25	21.10	21.20	21.18		
10	16QAM	50	0	21.18	21.22	21.10		
10	64QAM	1	0	21.18	21.22	21.13		
10	64QAM	1	25	21.17	21.14	21.18	22	2
10	64QAM	1	49	21.01	21.09	21.07		
10	64QAM	25	0	20.17	20.24	20.12		
10	64QAM	25	12	20.13	20.18	20.14	21	3
10	64QAM	25	25	20.04	20.18	20.00		
10	64QAM	50	0	20.22	20.33	20.17		
10	256QAM	1	0	18.27	18.35	18.19		
10	256QAM	1	25	18.11	18.22	18.22	19	5
10	256QAM	1	49	18.18	18.25	18.07		
10	256QAM	25	0	18.04	18.20	18.16		
10	256QAM	25	12	18.07	18.21	18.09	19	5
10	256QAM	25	25	18.05	18.16	17.96		
10	256QAM	50	0	18.18	18.15	18.08		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2596	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.93	23.10	22.90		
5	QPSK	1	12	22.90	22.89	22.92	24	0
5	QPSK	1	24	22.82	22.87	22.82		
5	QPSK	12	0	22.21	22.24	22.10		
5	QPSK	12	7	22.06	22.16	22.11	23	1
5	QPSK	12	13	22.13	22.08	22.08		
5	QPSK	25	0	22.17	22.19	22.08		
5	16QAM	1	0	22.21	22.43	22.28		
5	16QAM	1	12	22.26	22.37	22.20	23	1
5	16QAM	1	24	22.21	22.27	22.19		
5	16QAM	12	0	21.24	21.28	21.28		
5	16QAM	12	7	21.11	21.21	21.14	22	2
5	16QAM	12	13	21.12	21.16	21.11		
5	16QAM	25	0	21.09	21.21	21.17		
5	64QAM	1	0	21.13	21.21	21.19		
5	64QAM	1	12	21.17	21.24	21.18	22	2
5	64QAM	1	24	21.03	21.14	21.02		
5	64QAM	12	0	20.13	20.22	20.21		
5	64QAM	12	7	20.07	20.23	20.17	21	3
5	64QAM	12	13	19.97	20.16	20.03		
5	64QAM	25	0	20.12	20.33	20.19		
5	256QAM	1	0	18.18	18.35	18.25		
5	256QAM	1	12	18.14	18.31	18.17	19	5
5	256QAM	1	24	18.13	18.18	18.10		
5	256QAM	12	0	18.09	18.26	18.12		
5	256QAM	12	7	18.09	18.21	18.14	19	5
5	256QAM	12	13	18.07	18.15	17.99		
5	256QAM	25	0	18.14	18.17	18.05		

Band 41 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.99	23.15	23.26	23.13	22.99		
20	QPSK	1	49	23.05	23.09	23.19	23.01	22.99	24	0
20	QPSK	1	99	22.97	22.95	23.14	22.95	22.86		
20	QPSK	50	0	22.66	22.72	22.80	22.69	22.55		
20	QPSK	50	24	22.65	22.68	22.75	22.63	22.56	23	1
20	QPSK	50	50	22.60	22.61	22.68	22.60	22.44		
20	QPSK	100	0	22.58	22.62	22.75	22.67	22.56		
20	16QAM	1	0	22.65	22.68	22.81	22.66	22.66		
20	16QAM	1	49	22.63	22.71	22.76	22.65	22.51	23	1
20	16QAM	1	99	22.59	22.54	22.69	22.50	22.46		
20	16QAM	50	0	21.71	21.75	21.82	21.62	21.66		
20	16QAM	50	24	21.58	21.68	21.77	21.62	21.59	22	2
20	16QAM	50	50	21.60	21.62	21.70	21.54	21.51		
20	16QAM	100	0	21.58	21.59	21.73	21.63	21.52		
20	64QAM	1	0	21.97	21.88	21.93	21.94	21.88		
20	64QAM	1	49	21.85	21.93	21.85	21.95	21.79	22	2
20	64QAM	1	99	21.83	21.87	21.96	21.86	21.76		
20	64QAM	50	0	20.73	20.76	20.82	20.69	20.57		
20	64QAM	50	24	20.66	20.63	20.77	20.62	20.57	21	3
20	64QAM	50	50	20.56	20.62	20.70	20.55	20.47		
20	64QAM	100	0	20.61	20.66	20.74	20.64	20.53		
20	256QAM	1	0	18.74	18.86	18.91	18.76	18.73		
20	256QAM	1	49	18.75	18.74	18.86	18.77	18.68	19	5
20	256QAM	1	99	18.66	18.67	18.79	18.59	18.59		
20	256QAM	50	0	18.64	18.71	18.81	18.64	18.57		
20	256QAM	50	24	18.57	18.72	18.76	18.58	18.54	19	5
20	256QAM	50	50	18.51	18.64	18.69	18.57	18.50		
20	256QAM	100	0	18.64	18.69	18.77	18.61	18.62		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	22.87	23.13	23.14	23.06	22.87		
15	QPSK	1	37	22.90	22.96	23.15	22.95	22.91	24.00	0
15	QPSK	1	74	22.86	22.89	23.06	22.87	22.71		
15	QPSK	36	0	22.58	22.64	22.74	22.59	22.50		
15	QPSK	36	20	22.54	22.63	22.69	22.56	22.45	23	1
15	QPSK	36	39	22.54	22.56	22.64	22.51	22.33		
15	QPSK	75	0	22.49	22.57	22.67	22.62	22.47		
15	16QAM	1	0	22.54	22.58	22.71	22.52	22.54		
15	16QAM	1	37	22.52	22.62	22.62	22.56	22.47	23	1
15	16QAM	1	74	22.51	22.45	22.58	22.41	22.41		
15	16QAM	36	0	21.64	21.68	21.69	21.48	21.59		
15	16QAM	36	20	21.43	21.61	21.66	21.53	21.52	22	2
15	16QAM	36	39	21.46	21.48	21.55	21.45	21.47		
15	16QAM	75	0	21.51	21.55	21.67	21.57	21.48		
15	64QAM	1	0	21.88	21.89	21.97	21.81	21.81		
15	64QAM	1	37	21.72	21.84	21.94	21.87	21.68	22	2
15	64QAM	1	74	21.73	21.73	21.86	21.76	21.69		
15	64QAM	36	0	20.66	20.69	20.74	20.55	20.46		
15	64QAM	36	20	20.59	20.60	20.63	20.58	20.47	21	3
15	64QAM	36	39	20.48	20.48	20.63	20.42	20.38		
15	64QAM	75	0	20.53	20.51	20.59	20.61	20.42		
15	256QAM	1	0	18.63	18.77	18.76	18.62	18.63		
15	256QAM	1	37	18.72	18.69	18.81	18.65	18.61	19	5
15	256QAM	1	74	18.60	18.64	18.69	18.52	18.56		
15	256QAM	36	0	18.52	18.59	18.68	18.56	18.47		
15	256QAM	36	20	18.46	18.64	18.64	18.53	18.43	19	5
15	256QAM	36	39	18.39	18.51	18.54	18.54	18.46		
15	256QAM	75	0	18.52	18.56	18.64	18.57	18.50		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	22.82	23.13	23.19	23.08	22.84		
10	QPSK	1	25	22.96	23.00	23.15	22.85	22.86	24.00	0
10	QPSK	1	49	22.86	22.89	22.97	22.90	22.70		
10	QPSK	25	0	22.51	22.58	22.75	22.61	22.47		
10	QPSK	25	12	22.57	22.65	22.72	22.50	22.42	23	1
10	QPSK	25	25	22.51	22.52	22.58	22.53	22.35		
10	QPSK	50	0	22.55	22.54	22.67	22.53	22.50		
10	16QAM	1	0	22.60	22.57	22.68	22.57	22.60		
10	16QAM	1	25	22.58	22.65	22.71	22.55	22.37	23	1
10	16QAM	1	49	22.46	22.41	22.59	22.46	22.40		
10	16QAM	25	0	21.60	21.63	21.77	21.54	21.54		
10	16QAM	25	12	21.45	21.54	21.64	21.56	21.47	22	2
10	16QAM	25	25	21.51	21.54	21.58	21.41	21.41		
10	16QAM	50	0	21.50	21.48	21.63	21.48	21.46		
10	64QAM	1	0	21.88	21.90	21.76	21.89	21.81		
10	64QAM	1	25	21.74	21.88	21.98	21.83	21.67	22	2
10	64QAM	1	49	21.70	21.72	21.89	21.75	21.72		
10	64QAM	25	0	20.68	20.66	20.72	20.64	20.46		
10	64QAM	25	12	20.55	20.56	20.68	20.56	20.48	21	3
10	64QAM	25	25	20.44	20.50	20.64	20.47	20.35		
10	64QAM	50	0	20.51	20.59	20.67	20.56	20.39		
10	256QAM	1	0	18.59	18.74	18.79	18.72	18.69		
10	256QAM	1	25	18.68	18.67	18.82	18.64	18.60	19	5
10	256QAM	1	49	18.53	18.60	18.72	18.52	18.46		
10	256QAM	25	0	18.55	18.60	18.68	18.61	18.46		
10	256QAM	25	12	18.45	18.68	18.67	18.53	18.50	19	5
10	256QAM	25	25	18.48	18.59	18.56	18.53	18.40		
10	256QAM	50	0	18.58	18.61	18.72	18.55	18.47		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	22.93	23.01	23.19	23.03	22.82		
5	QPSK	1	12	23.02	23.02	23.10	22.93	22.92	24.00	0
5	QPSK	1	24	22.92	22.82	23.04	22.93	22.80		
5	QPSK	12	0	22.59	22.58	22.73	22.61	22.51		
5	QPSK	12	7	22.58	22.64	22.63	22.52	22.42	23	1
5	QPSK	12	13	22.45	22.57	22.54	22.48	22.32		
5	QPSK	25	0	22.45	22.49	22.69	22.59	22.46		
5	16QAM	1	0	22.60	22.56	22.76	22.53	22.52		
5	16QAM	1	12	22.60	22.67	22.67	22.61	22.42	23	1
5	16QAM	1	24	22.51	22.50	22.59	22.46	22.40		
5	16QAM	12	0	21.62	21.67	21.72	21.48	21.58		
5	16QAM	12	7	21.49	21.64	21.73	21.48	21.53	22	2
5	16QAM	12	13	21.55	21.47	21.61	21.46	21.47		
5	16QAM	25	0	21.51	21.53	21.58	21.56	21.48		
5	64QAM	1	0	21.88	21.93	21.97	21.86	21.77		
5	64QAM	1	12	21.74	21.82	21.91	21.90	21.72	22	2
5	64QAM	1	24	21.68	21.81	21.90	21.80	21.68		
5	64QAM	12	0	20.63	20.72	20.75	20.62	20.46		
5	64QAM	12	7	20.53	20.55	20.62	20.52	20.45	21	3
5	64QAM	12	13	20.51	20.56	20.59	20.51	20.39		
5	64QAM	25	0	20.57	20.60	20.61	20.57	20.48		
5	256QAM	1	0	18.70	18.78	18.81	18.73	18.63		
5	256QAM	1	12	18.69	18.71	18.81	18.73	18.61	19	5
5	256QAM	1	24	18.62	18.54	18.68	18.46	18.46		
5	256QAM	12	0	18.60	18.65	18.68	18.52	18.54		
5	256QAM	12	7	18.43	18.62	18.63	18.51	18.43	19	5
5	256QAM	12	13	18.45	18.52	18.63	18.48	18.44		
5	256QAM	25	0	18.57	18.66	18.64	18.56	18.52		

Band 41 HPUE Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.54	24.59	24.74	24.71	24.60		
20	QPSK	1	49	24.61	24.68	24.64	24.66	24.56	25.7	0
20	QPSK	1	99	24.57	24.51	24.67	24.69	24.54		
20	QPSK	50	0	24.61	24.61	24.70	24.58	24.57		
20	QPSK	50	24	24.54	24.58	24.68	24.58	24.65	25.7	0
20	QPSK	50	50	24.58	24.55	24.65	24.61	24.54		
20	QPSK	100	0	24.54	24.63	24.64	24.57	24.51		
20	16QAM	1	0	24.64	24.56	24.59	24.68	24.54		
20	16QAM	1	49	24.58	24.66	24.67	24.55	24.54	25.7	0
20	16QAM	1	99	24.60	24.51	24.66	24.68	24.53		
20	16QAM	50	0	24.52	24.59	24.50	24.71	24.64		
20	16QAM	50	24	24.54	24.53	24.55	24.49	24.41	25	0.7
20	16QAM	50	50	24.55	24.37	24.59	24.41	24.47		
20	16QAM	100	0	24.49	24.36	24.62	24.54	24.42		
20	64QAM	1	0	24.43	24.46	24.47	24.34	24.44		
20	64QAM	1	49	24.48	24.33	24.54	24.47	24.37	25	0.7
20	64QAM	1	99	24.40	24.39	24.43	24.34	24.39		
20	64QAM	50	0	23.42	23.27	23.59	23.53	23.55		
20	64QAM	50	24	23.42	23.43	23.44	23.38	23.47	24	1.7
20	64QAM	50	50	23.43	23.32	23.56	23.47	23.33		
20	64QAM	100	0	23.48	23.30	23.47	23.33	23.43		
20	256QAM	1	0	21.39	21.36	21.57	21.60	21.50		
20	256QAM	1	49	21.41	21.47	21.44	21.44	21.51	22	3.7
20	256QAM	1	99	21.38	21.22	21.52	21.51	21.46		
20	256QAM	50	0	21.39	21.44	21.43	21.24	21.49		
20	256QAM	50	24	21.33	21.33	21.73	21.44	21.54	22	3.7
20	256QAM	50	50	21.50	21.27	21.40	21.38	21.43		
20	256QAM	100	0	21.44	21.37	21.57	21.38	21.32		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	24.39	24.43	24.60	24.57	24.55		
15	QPSK	1	37	24.54	24.61	24.47	24.58	24.40	26	0
15	QPSK	1	74	24.40	24.43	24.52	24.61	24.39		
15	QPSK	36	0	24.45	24.57	24.57	24.51	24.44		
15	QPSK	36	20	24.37	24.42	24.58	24.43	24.53	25.7	0
15	QPSK	36	39	24.52	24.43	24.61	24.45	24.40		
15	QPSK	75	0	24.37	24.48	24.58	24.54	24.46		
15	16QAM	1	0	24.61	24.54	24.56	24.62	24.42		
15	16QAM	1	37	24.56	24.49	24.62	24.51	24.49	25.7	0
15	16QAM	1	74	24.51	24.44	24.51	24.53	24.49		
15	16QAM	36	0	24.38	24.56	24.42	24.55	24.60		
15	16QAM	36	20	24.40	24.51	24.50	24.46	24.29	25	0.7
15	16QAM	36	39	24.44	24.33	24.50	24.33	24.37		
15	16QAM	75	0	24.39	24.28	24.58	24.40	24.36		
15	64QAM	1	0	24.34	24.34	24.40	24.26	24.30		
15	64QAM	1	37	24.42	24.26	24.51	24.41	24.29	25	0.7
15	64QAM	1	74	24.36	24.33	24.37	24.24	24.35		
15	64QAM	36	0	23.30	23.13	23.56	23.37	23.50		
15	64QAM	36	20	23.31	23.29	23.34	23.34	23.33	24	1.7
15	64QAM	36	39	23.38	23.17	23.45	23.30	23.29		
15	64QAM	75	0	23.31	23.20	23.43	23.29	23.40		
15	256QAM	1	0	21.34	21.26	21.43	21.43	21.46		
15	256QAM	1	37	21.24	21.29	21.30	21.37	21.40	22	3.7
15	256QAM	1	74	21.33	21.08	21.44	21.34	21.32		
15	256QAM	36	0	21.32	21.42	21.34	21.18	21.34		
15	256QAM	36	20	21.22	21.23	21.57	21.38	21.50	22	3.7
15	256QAM	36	39	21.36	21.25	21.37	21.28	21.39		
15	256QAM	75	0	21.38	21.24	21.42	21.33	21.23		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	24.37	24.51	24.64	24.54	24.53		
10	QPSK	1	25	24.56	24.59	24.50	24.57	24.50	26	0
10	QPSK	1	49	24.50	24.34	24.53	24.65	24.51		
10	QPSK	25	0	24.53	24.57	24.58	24.55	24.53		
10	QPSK	25	12	24.49	24.40	24.54	24.54	24.58	25.7	0
10	QPSK	25	25	24.41	24.50	24.58	24.55	24.51		
10	QPSK	50	0	24.46	24.45	24.54	24.55	24.44		
10	16QAM	1	0	24.52	24.46	24.46	24.59	24.40		
10	16QAM	1	25	24.42	24.57	24.51	24.42	24.38	25.7	0
10	16QAM	1	49	24.46	24.33	24.56	24.64	24.42		
10	16QAM	25	0	24.48	24.32	24.53	24.54	24.54		
10	16QAM	25	12	24.39	24.46	24.37	24.41	24.39	25	0.7
10	16QAM	25	25	24.38	24.25	24.50	24.27	24.39		
10	16QAM	50	0	24.39	24.21	24.56	24.41	24.25		
10	64QAM	1	0	24.36	24.32	24.36	24.19	24.39		
10	64QAM	1	25	24.45	24.30	24.39	24.32	24.33	25	0.7
10	64QAM	1	49	24.22	24.27	24.27	24.29	24.29		

Band 42 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.38	16.41	16.36	17.4	0
20	QPSK	1	49	16.27	16.38	16.26		
20	QPSK	1	99	16.31	16.29	16.29		
20	QPSK	50	0	16.29	16.37	16.34	17.4	0
20	QPSK	50	24	16.18	16.26	16.13		
20	QPSK	50	50	16.32	16.26	16.28		
20	QPSK	100	0	16.30	16.34	16.27		
20	16QAM	1	0	16.29	16.28	16.19	17.4	0
20	16QAM	1	49	16.18	16.33	16.10		
20	16QAM	1	99	16.26	16.23	16.27		
20	16QAM	50	0	16.24	16.30	16.18	17.4	0
20	16QAM	50	24	16.07	16.16	16.10		
20	16QAM	50	50	16.22	16.12	16.25		
20	16QAM	100	0	16.23	16.26	16.17		
20	64QAM	1	0	16.29	16.28	16.19	17.4	0
20	64QAM	1	49	16.21	16.22	16.12		
20	64QAM	1	99	16.13	16.16	16.11		
20	64QAM	50	0	16.27	16.29	16.28	17.4	0
20	64QAM	50	24	16.00	16.15	16.08		
20	64QAM	50	50	16.21	16.13	16.24		
20	64QAM	100	0	16.21	16.24	16.20		
20	256QAM	1	0	16.24	16.32	16.31	17.4	0
20	256QAM	1	49	16.12	16.26	16.18		
20	256QAM	1	99	16.15	16.13	16.23		
20	256QAM	50	0	16.23	16.30	16.24	17.4	0
20	256QAM	50	24	16.06	16.09	15.97		
20	256QAM	50	50	16.22	16.12	16.19		
20	256QAM	100	0	16.17	16.25	16.16		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	16.23	16.35	16.24	17.4	0
15	QPSK	1	37	16.16	16.33	16.17		
15	QPSK	1	74	16.15	16.25	16.20		
15	QPSK	36	0	16.12	16.34	16.27	17.4	0
15	QPSK	36	20	16.04	16.13	16.05		
15	QPSK	36	39	16.26	16.11	16.15		
15	QPSK	75	0	16.12	16.21	16.20		
15	16QAM	1	0	16.13	16.20	16.06	17.4	0
15	16QAM	1	37	16.13	16.15	16.02		
15	16QAM	1	74	16.17	16.15	16.20		
15	16QAM	36	0	16.20	16.21	16.04	17.4	0
15	16QAM	36	20	15.98	16.04	15.98		
15	16QAM	36	39	16.11	15.96	16.13		
15	16QAM	75	0	16.09	16.13	16.00		
15	64QAM	1	0	16.23	16.25	16.06	17.4	0
15	64QAM	1	37	16.08	16.09	16.09		
15	64QAM	1	74	16.06	16.12	15.99		
15	64QAM	36	0	16.16	16.26	16.11	17.4	0
15	64QAM	36	20	15.92	16.03	15.98		
15	64QAM	36	39	16.12	15.99	16.18		
15	64QAM	75	0	16.03	16.09	16.14		
15	256QAM	1	0	16.15	16.25	16.24	17.4	0
15	256QAM	1	37	15.98	16.18	16.12		
15	256QAM	1	74	16.06	15.97	16.09		
15	256QAM	36	0	16.09	16.16	16.18	17.4	0
15	256QAM	36	20	15.92	16.01	15.83		
15	256QAM	36	39	16.07	15.95	16.02		
15	256QAM	75	0	16.13	16.22	16.01		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.27	16.38	16.30	17.4	0
10	QPSK	1	25	16.16	16.20	16.09		
10	QPSK	1	49	16.19	16.16	16.19		
10	QPSK	25	0	16.26	16.30	16.30	17.4	0
10	QPSK	25	12	16.06	16.19	16.07		
10	QPSK	25	25	16.15	16.18	16.22		
10	QPSK	50	0	16.14	16.32	16.23	17.4	0
10	16QAM	1	0	16.20	16.12	16.02		
10	16QAM	1	25	16.08	16.23	16.05		
10	16QAM	1	49	16.12	16.14	16.10		
10	16QAM	25	0	16.09	16.27	16.09	17.4	0
10	16QAM	25	12	16.05	16.13	15.95		
10	16QAM	25	25	16.04	16.05	16.21		
10	16QAM	50	0	16.19	16.20	16.10	17.4	0
10	64QAM	1	0	16.17	16.12	16.05		
10	64QAM	1	25	16.03	16.17	15.98		
10	64QAM	1	49	16.05	16.11	15.94		
10	64QAM	25	0	16.23	16.20	16.15	17.4	0
10	64QAM	25	12	15.89	16.06	15.98		
10	64QAM	25	25	16.11	16.03	16.06		
10	64QAM	50	0	16.14	16.06	16.11	17.4	0
10	256QAM	1	0	16.12	16.30	16.15		
10	256QAM	1	25	16.06	16.20	16.11		
10	256QAM	1	49	16.02	16.07	16.10		
10	256QAM	25	0	16.19	16.13	16.19	17.4	0
10	256QAM	25	12	15.95	16.01	15.91		
10	256QAM	25	25	16.17	16.02	16.13		
10	256QAM	50	0	16.01	16.18	16.14	17.4	0
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.34	16.33	16.22	17.4	0
5	QPSK	1	12	16.14	16.27	16.23		
5	QPSK	1	24	16.17	16.21	16.20		
5	QPSK	12	0	16.22	16.27	16.24	17.4	0
5	QPSK	12	7	16.11	16.09	16.05		
5	QPSK	12	13	16.27	16.09	16.22		
5	QPSK	25	0	16.25	16.23	16.22	17.4	0
5	16QAM	1	0	16.19	16.19	16.13		
5	16QAM	1	12	16.11	16.25	15.95		
5	16QAM	1	24	16.19	16.15	16.11		
5	16QAM	12	0	16.19	16.15	16.05	17.4	0
5	16QAM	12	7	16.03	16.08	15.99		
5	16QAM	12	13	16.13	16.06	16.10		
5	16QAM	25	0	16.20	16.10	15.99	17.4	0
5	64QAM	1	0	16.25	16.24	16.06		
5	64QAM	1	12	16.19	16.16	15.96		
5	64QAM	1	24	16.10	15.99	16.03		
5	64QAM	12	0	16.22	16.25	16.24	17.4	0
5	64QAM	12	7	15.95	16.11	15.91		
5	64QAM	12	13	16.19	16.10	16.10		
5	64QAM	25	0	16.11	16.17	16.10	17.4	0
5	256QAM	1	0	16.22	16.20	16.13		
5	256QAM	1	12	16.10	16.09	16.06		
5	256QAM	1	24	16.05	16.04	16.21		
5	256QAM	12	0	16.16	16.17	16.21	17.4	0
5	256QAM	12	7	15.91	15.94	15.91		
5	256QAM	12	13	16.13	15.94	16.02		
5	256QAM	25	0	16.02	16.09	16.05		

Band 42 Part 96 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3548	3575	3590		
20	QPSK	1	0	16.23	16.39	16.30	17.4	0
20	QPSK	1	49	16.11	16.31	16.11		
20	QPSK	1	99	16.16	16.12	16.24		
20	QPSK	50	0	16.26	16.29	16.19	17.4	0
20	QPSK	50	24	16.16	16.23	16.03		
20	QPSK	50	50	16.26	16.19	16.20		
20	QPSK	100	0	16.27	16.28	16.13		
20	16QAM	1	0	16.24	16.23	16.03	17.4	0
20	16QAM	1	49	16.12	16.22	15.96		
20	16QAM	1	99	16.13	16.21	16.18		
20	16QAM	50	0	16.17	16.18	16.05	17.4	0
20	16QAM	50	24	15.97	16.06	16.05		
20	16QAM	50	50	16.18	15.97	16.16		
20	16QAM	100	0	16.12	16.11	16.08		
20	64QAM	1	0	16.16	16.21	16.18	17.4	0
20	64QAM	1	49	16.12	16.15	16.03		
20	64QAM	1	99	16.03	15.99	15.99		
20	64QAM	50	0	16.14	16.21	16.23	17.4	0
20	64QAM	50	24	15.88	16.03	16.03		
20	64QAM	50	50	16.18	16.10	16.20		
20	64QAM	100	0	16.19	16.15	16.07		
20	256QAM	1	0	16.10	16.21	16.29	17.4	0
20	256QAM	1	49	15.99	16.13	16.07		
20	256QAM	1	99	16.03	16.05	16.20		
20	256QAM	50	0	16.16	16.14	16.20	17.4	0
20	256QAM	50	24	15.94	15.94	15.85		
20	256QAM	50	50	16.06	15.98	16.10		
20	256QAM	100	0	16.13	16.17	16.06		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	16.09	16.28	16.26	17.4	0
15	QPSK	1	37	15.99	16.22	16.04		
15	QPSK	1	74	16.10	15.97	16.07		
15	QPSK	36	0	16.10	16.22	16.15	17.4	0
15	QPSK	36	20	16.00	16.19	15.97		
15	QPSK	36	39	16.24	16.11	16.06		
15	QPSK	75	0	16.18	16.12	16.09		
15	16QAM	1	0	16.08	16.12	15.94	17.4	0
15	16QAM	1	37	15.97	16.17	15.95		
15	16QAM	1	74	16.02	16.08	16.02		
15	16QAM	36	0	16.08	16.10	16.03	17.4	0
15	16QAM	36	20	15.82	15.91	16.03		
15	16QAM	36	39	16.13	15.83	16.15		
15	16QAM	75	0	16.08	15.95	16.03		
15	64QAM	1	0	16.15	16.18	16.12	17.4	0
15	64QAM	1	37	16.10	16.03	15.90		
15	64QAM	1	74	15.99	15.88	15.91		
15	64QAM	36	0	16.04	16.07	16.12	17.4	0
15	64QAM	36	20	15.86	15.97	15.99		
15	64QAM	36	39	16.01	16.05	16.19		
15	64QAM	75	0	16.11	16.08	16.01		
15	256QAM	1	0	15.98	16.16	16.26	17.4	0
15	256QAM	1	37	15.83	16.11	16.03		
15	256QAM	1	74	15.94	15.94	16.10		
15	256QAM	36	0	16.01	15.99	16.08	17.4	0
15	256QAM	36	20	15.88	15.89	15.68		
15	256QAM	36	39	15.95	15.95	16.02		
15	256QAM	75	0	15.98	16.01	15.93		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	16.17	16.30	16.23	17.4	0
10	QPSK	1	25	15.98	16.29	16.05		
10	QPSK	1	49	16.12	16.07	16.15		
10	QPSK	25	0	16.22	16.18	16.15	17.4	0
10	QPSK	25	12	16.11	16.08	15.98		
10	QPSK	25	25	16.15	16.02	16.05		
10	QPSK	50	0	16.15	16.23	15.96	17.4	0
10	16QAM	1	0	16.16	16.20	15.99		
10	16QAM	1	25	16.10	16.05	15.91		
10	16QAM	1	49	15.98	16.17	16.15		
10	16QAM	25	0	16.06	16.07	15.94	17.4	0
10	16QAM	25	12	15.82	15.91	16.00		
10	16QAM	25	25	16.14	15.92	16.06		
10	16QAM	50	0	15.95	16.10	15.99	17.4	0
10	64QAM	1	0	16.14	16.14	16.09		
10	64QAM	1	25	16.09	16.10	15.91		
10	64QAM	1	49	15.89	15.90	15.90		
10	64QAM	25	0	16.09	16.17	16.07	17.4	0
10	64QAM	25	12	15.87	15.92	15.88		
10	64QAM	25	25	16.04	15.94	16.11		
10	64QAM	50	0	16.03	16.00	16.00	17.4	0
10	256QAM	1	0	15.98	16.16	16.26		
10	256QAM	1	25	15.91	15.97	15.95		
10	256QAM	1	49	15.94	16.02	16.11		
10	256QAM	25	0	16.13	16.03	16.07	17.4	0
10	256QAM	25	12	15.85	15.78	15.83		
10	256QAM	25	25	15.89	15.91	15.98		
10	256QAM	50	0	16.08	16.15	15.95	17.4	0
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	16.08	16.34	16.18	17.4	0
5	QPSK	1	12	15.97	16.26	16.02		
5	QPSK	1	24	16.09	15.95	16.19		
5	QPSK	12	0	16.11	16.22	16.08	17.4	0
5	QPSK	12	7	16.04	16.14	15.92		
5	QPSK	12	13	16.10	16.14	16.18		
5	QPSK	25	0	16.20	16.16	16.10	17.4	0
5	16QAM	1	0	16.21	16.10	15.88		
5	16QAM	1	12	16.01	16.21	15.87		
5	16QAM	1	24	16.07	16.06	16.06		
5	16QAM	12	0	16.09	16.16	15.98	17.4	0
5	16QAM	12	7	15.82	15.94	15.89		
5	16QAM	12	13	16.15	15.80	16.11		
5	16QAM	25	0	16.09	16.06	16.05	17.4	0
5	64QAM	1	0	16.01	16.13	16.02		
5	64QAM	1	12	16.05	16.08	15.94		
5	64QAM	1	24	15.89	15.90	15.88		
5	64QAM	12	0	16.11	16.13	16.12	17.4	0
5	64QAM	12	7	15.83	15.97	15.97		
5	64QAM	12	13	16.12	16.01	16.17		
5	64QAM	25	0	16.15	16.09	15.93	17.4	0
5	256QAM	1	0	16.07	16.14	16.23		
5	256QAM	1	12	15.96	16.06	15.96		
5	256QAM	1	24	16.00	15.92	16.10		
5	256QAM	12	0	16.07	16.04	16.14	17.4	0
5	256QAM	12	7	15.80	15.84	15.76		
5	256QAM	12	13	15.95	15.82	16.04		
5	256QAM	25	0	15.98	16.15	16.02		

Band 43 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	16.46	16.57	16.38	17.4	0
20	QPSK	1	49	16.38	16.52	16.35		
20	QPSK	1	99	16.37	16.34	16.32		
20	QPSK	50	0	16.42	16.48	16.41	17.4	0
20	QPSK	50	24	16.22	16.39	16.13		
20	QPSK	50	50	16.42	16.27	16.36		
20	QPSK	100	0	16.36	16.40	16.37		
20	16QAM	1	0	16.36	16.34	16.28	17.4	0
20	16QAM	1	49	16.25	16.41	16.18		
20	16QAM	1	99	16.39	16.31	16.42		
20	16QAM	50	0	16.34	16.31	16.23	17.4	0
20	16QAM	50	24	16.21	16.26	16.16		
20	16QAM	50	50	16.37	16.20	16.32		
20	16QAM	100	0	16.29	16.28	16.22		
20	64QAM	1	0	16.34	16.31	16.33	17.4	0
20	64QAM	1	49	16.25	16.32	16.19		
20	64QAM	1	99	16.16	16.28	16.15		
20	64QAM	50	0	16.31	16.43	16.40	17.4	0
20	64QAM	50	24	16.03	16.23	16.20		
20	64QAM	50	50	16.24	16.25	16.29		
20	64QAM	100	0	16.34	16.35	16.34		
20	256QAM	1	0	16.36	16.41	16.46	17.4	0
20	256QAM	1	49	16.16	16.34	16.19		
20	256QAM	1	99	16.23	16.13	16.23		
20	256QAM	50	0	16.30	16.35	16.30	17.4	0
20	256QAM	50	24	16.16	16.23	16.04		
20	256QAM	50	50	16.31	16.21	16.33		
20	256QAM	100	0	16.21	16.35	16.26		
Channel				43665	44090	44515	Tune-up limit	MPR
Frequency (MHz)				3607.5	3650	3692.5	(dBm)	(dB)
15	QPSK	1	0	16.42	16.48	16.27	17.4	0
15	QPSK	1	37	16.24	16.41	16.30		
15	QPSK	1	74	16.34	16.23	16.26		
15	QPSK	36	0	16.38	16.36	16.38	17.4	0
15	QPSK	36	20	16.10	16.33	16.04		
15	QPSK	36	39	16.31	16.25	16.32		
15	QPSK	75	0	16.28	16.40	16.32		
15	16QAM	1	0	16.36	16.25	16.19	17.4	0
15	16QAM	1	37	16.17	16.36	16.08		
15	16QAM	1	74	16.35	16.26	16.29		
15	16QAM	36	0	16.23	16.31	16.18	17.4	0
15	16QAM	36	20	16.10	16.24	16.06		
15	16QAM	36	39	16.37	16.17	16.26		
15	16QAM	75	0	16.16	16.22	16.09		
15	64QAM	1	0	16.25	16.26	16.28	17.4	0
15	64QAM	1	37	16.22	16.30	16.10		
15	64QAM	1	74	16.15	16.17	16.03		
15	64QAM	36	0	16.18	16.29	16.24	17.4	0
15	64QAM	36	20	16.02	16.21	16.17		
15	64QAM	36	39	16.18	16.18	16.21		
15	64QAM	75	0	16.30	16.34	16.32		
15	256QAM	1	0	16.33	16.40	16.30	17.4	0
15	256QAM	1	37	16.15	16.31	16.05		
15	256QAM	1	74	16.19	16.11	16.18		
15	256QAM	36	0	16.18	16.29	16.16	17.4	0
15	256QAM	36	20	16.01	16.14	15.95		
15	256QAM	36	39	16.22	16.10	16.28		
15	256QAM	75	0	16.10	16.27	16.23		
Channel				43640	44090	44540	Tune-up limit	MPR
Frequency (MHz)				3695	3650	3695	(dBm)	(dB)
10	QPSK	1	0	16.45	16.56	16.29	17.4	0
10	QPSK	1	25	16.28	16.45	16.27		
10	QPSK	1	49	16.27	16.25	16.29		
10	QPSK	25	0	16.29	16.37	16.40	17.4	0
10	QPSK	25	12	16.13	16.30	16.08		
10	QPSK	25	25	16.33	16.23	16.34		
10	QPSK	50	0	16.30	16.35	16.36		
10	16QAM	1	0	16.27	16.33	16.18	17.4	0
10	16QAM	1	25	16.20	16.35	16.09		
10	16QAM	1	49	16.27	16.19	16.34		
10	16QAM	25	0	16.32	16.28	16.14	17.4	0
10	16QAM	25	12	16.17	16.10	16.15		
10	16QAM	25	25	16.34	16.11	16.22		
10	16QAM	50	0	16.23	16.21	16.10		
10	64QAM	1	0	16.24	16.21	16.21	17.4	0
10	64QAM	1	25	16.13	16.23	16.10		
10	64QAM	1	49	16.06	16.18	16.07		
10	64QAM	25	0	16.19	16.43	16.37	17.4	0
10	64QAM	25	12	15.99	16.09	16.06		
10	64QAM	25	25	16.23	16.15	16.22		
10	64QAM	50	0	16.21	16.32	16.22		
10	256QAM	1	0	16.30	16.30	16.36	17.4	0
10	256QAM	1	25	16.11	16.22	16.08		
10	256QAM	1	49	16.17	16.08	16.15		
10	256QAM	25	0	16.20	16.30	16.25	17.4	0
10	256QAM	25	12	16.15	16.23	16.03		
10	256QAM	25	25	16.28	16.12	16.20		
10	256QAM	50	0	16.11	16.26	16.26		
Channel				43615	44090	44565	Tune-up limit	MPR
Frequency (MHz)				3602.5	3650	3697.5	(dBm)	(dB)
5	QPSK	1	0	16.42	16.48	16.38	17.4	0
5	QPSK	1	12	16.37	16.46	16.27		
5	QPSK	1	24	16.22	16.22	16.17		
5	QPSK	12	0	16.29	16.45	16.28	17.4	0
5	QPSK	12	7	16.16	16.24	16.10		
5	QPSK	12	13	16.29	16.26	16.33		
5	QPSK	25	0	16.30	16.27	16.25		
5	16QAM	1	0	16.28	16.22	16.24	17.4	0
5	16QAM	1	12	16.13	16.28	16.08		
5	16QAM	1	24	16.36	16.15	16.37		
5	16QAM	12	0	16.25	16.21	16.12	17.4	0
5	16QAM	12	7	16.09	16.22	16.02		
5	16QAM	12	13	16.29	16.08	16.29		
5	16QAM	25	0	16.25	16.24	16.18		
5	64QAM	1	0	16.21	16.16	16.25	17.4	0
5	64QAM	1	12	16.11	16.20	16.06		
5	64QAM	1	24	16.08	16.24	16.15		
5	64QAM	12	0	16.23	16.30	16.37	17.4	0
5	64QAM	12	7	15.89	16.23	16.10		
5	64QAM	12	13	16.17	16.18	16.20		
5	64QAM	25	0	16.33	16.30	16.18		
5	256QAM	1	0	16.27	16.27	16.43	17.4	0
5	256QAM	1	12	16.14	16.28	16.10		
5	256QAM	1	24	16.12	16.09	16.19		
5	256QAM	12	0	16.22	16.20	16.26	17.4	0
5	256QAM	12	7	16.02	16.12	15.91		
5	256QAM	12	13	16.20	16.11	16.19		
5	256QAM	25	0	16.14	16.20	16.11		

Band 48 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.50	16.62	16.43	16.61	17.4	0
20	QPSK	1	49	16.50	16.58	16.35	16.49		
20	QPSK	1	99	16.38	16.39	16.37	16.28		
20	QPSK	50	0	16.52	16.56	16.44	16.54	17.4	0
20	QPSK	50	24	16.23	16.40	16.16	16.37		
20	QPSK	50	50	16.35	16.28	16.23	16.28		
20	QPSK	100	0	16.43	16.53	16.34	16.39		
20	16QAM	1	0	16.51	16.40	16.49	16.26	17.4	0
20	16QAM	1	49	16.27	16.45	16.23	16.37		
20	16QAM	1	99	16.51	16.43	16.41	16.34		
20	16QAM	50	0	16.46	16.43	16.34	16.35	17.4	0
20	16QAM	50	24	16.24	16.41	16.10	16.37		
20	16QAM	50	50	16.40	16.31	16.30	16.16		
20	16QAM	100	0	16.41	16.31	16.40	16.24		
20	64QAM	1	0	16.44	16.33	16.36	16.24	17.4	0
20	64QAM	1	49	16.36	16.47	16.35	16.33		
20	64QAM	1	99	16.16	16.29	16.02	16.26		
20	64QAM	50	0	16.46	16.48	16.32	16.40	17.4	0
20	64QAM	50	24	16.17	16.25	16.09	16.14		
20	64QAM	50	50	16.25	16.28	16.21	16.23		
20	64QAM	100	0	16.35	16.41	16.23	16.31		
20	256QAM	1	0	16.49	16.50	16.43	16.37	17.4	0
20	256QAM	1	49	16.31	16.38	16.26	16.35		
20	256QAM	1	99	16.33	16.28	16.32	16.15		
20	256QAM	50	0	16.35	16.50	16.24	16.43	17.4	0
20	256QAM	50	24	16.30	16.38	16.21	16.29		
20	256QAM	50	50	16.36	16.27	16.21	16.18		
20	256QAM	100	0	16.24	16.45	16.18	16.41		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	16.47	16.52	16.31	16.57	17.4	0
15	QPSK	1	37	16.38	16.44	16.28	16.48		
15	QPSK	1	74	16.23	16.34	16.36	16.25		
15	QPSK	36	0	16.39	16.47	16.41	16.53	17.4	0
15	QPSK	36	20	16.11	16.27	16.12	16.31		
15	QPSK	36	39	16.33	16.15	16.20	16.27		
15	QPSK	75	0	16.29	16.40	16.20	16.31		
15	16QAM	1	0	16.36	16.30	16.34	16.16	17.4	0
15	16QAM	1	37	16.21	16.39	16.08	16.28		
15	16QAM	1	74	16.42	16.39	16.33	16.21		
15	16QAM	36	0	16.31	16.35	16.28	16.32	17.4	0
15	16QAM	36	20	16.24	16.28	15.95	16.32		
15	16QAM	36	39	16.34	16.30	16.27	16.14		
15	16QAM	75	0	16.41	16.19	16.31	16.11		
15	64QAM	1	0	16.33	16.32	16.33	16.16	17.4	0
15	64QAM	1	37	16.27	16.39	16.29	16.25		
15	64QAM	1	74	16.12	16.23	15.94	16.13		
15	64QAM	36	0	16.35	16.34	16.17	16.25	17.4	0
15	64QAM	36	20	16.13	16.12	16.01	16.13		
15	64QAM	36	39	16.20	16.27	16.18	16.20		
15	64QAM	75	0	16.34	16.40	16.23	16.31		
15	256QAM	1	0	16.33	16.39	16.36	16.34	17.4	0
15	256QAM	1	37	16.24	16.28	16.21	16.20		
15	256QAM	1	74	16.25	16.17	16.25	16.06		
15	256QAM	36	0	16.31	16.40	16.21	16.42	17.4	0
15	256QAM	36	20	16.24	16.33	16.08	16.28		
15	256QAM	36	39	16.23	16.13	16.18	16.02		
15	256QAM	75	0	16.24	16.29	16.11	16.35		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	16.44	16.55	16.33	16.49	17.4	0
10	QPSK	1	25	16.39	16.45	16.34	16.40		
10	QPSK	1	49	16.23	16.29	16.33	16.27		
10	QPSK	25	0	16.40	16.46	16.40	16.49	17.4	0
10	QPSK	25	12	16.15	16.24	16.01	16.24		
10	QPSK	25	25	16.22	16.25	16.20	16.24		
10	QPSK	50	0	16.30	16.45	16.28	16.37		
10	16QAM	1	0	16.49	16.25	16.45	16.16	17.4	0
10	16QAM	1	25	16.14	16.31	16.07	16.37		
10	16QAM	1	49	16.40	16.34	16.32	16.20		
10	16QAM	25	0	16.31	16.41	16.27	16.35	17.4	0
10	16QAM	25	12	16.09	16.39	16.06	16.36		
10	16QAM	25	25	16.35	16.18	16.26	16.12		
10	16QAM	50	0	16.28	16.17	16.36	16.17		
10	64QAM	1	0	16.31	16.19	16.32	16.20	17.4	0
10	64QAM	1	25	16.21	16.32	16.20	16.27		
10	64QAM	1	49	16.03	16.28	15.99	16.12		
10	64QAM	25	0	16.41	16.36	16.28	16.30	17.4	0
10	64QAM	25	12	16.02	16.15	15.96	16.12		
10	64QAM	25	25	16.21	16.17	16.19	16.10		
10	64QAM	50	0	16.21	16.27	16.23	16.28		
10	256QAM	1	0	16.40	16.48	16.37	16.31	17.4	0
10	256QAM	1	25	16.18	16.28	16.26	16.19		
10	256QAM	1	49	16.31	16.17	16.23	16.03		
10	256QAM	25	0	16.31	16.35	16.17	16.34	17.4	0
10	256QAM	25	12	16.18	16.32	16.14	16.28		
10	256QAM	25	25	16.30	16.12	16.17	16.07		
10	256QAM	50	0	16.19	16.34	16.13	16.30		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	16.47	16.53	16.36	16.52	17.4	0
5	QPSK	1	12	16.38	16.48	16.21	16.35		
5	QPSK	1	24	16.32	16.25	16.34	16.27		
5	QPSK	12	0	16.46	16.44	16.42	16.44	17.4	0
5	QPSK	12	7	16.14	16.32	16.07	16.24		
5	QPSK	12	13	16.33	16.25	16.23	16.24		
5	QPSK	25	0	16.32	16.44	16.27	16.38		
5	16QAM	1	0	16.41	16.28	16.49	16.19	17.4	0
5	16QAM	1	12	16.18	16.31	16.21	16.21		
5	16QAM	1	24	16.43	16.35	16.40	16.26		
5	16QAM	12	0	16.34	16.35	16.31	16.33	17.4	0
5	16QAM	12	7	16.11	16.28	16.07	16.21		
5	16QAM	12	13	16.25	16.16	16.28	16.02		
5	16QAM	25	0	16.29	16.21	16.29	16.13		
5	64QAM	1	0	16.32	16.17	16.29	16.18	17.4	0
5	64QAM	1	12	16.21	16.40	16.22	16.29		
5	64QAM	1	24	16.09	16.14	15.94	16.26		
5	64QAM	12	0	16.32	16.40	16.20	16.37	17.4	0
5	64QAM	12	7	16.13	16.11	16.01	16.01		
5	64QAM	12	13	16.20	16.25	16.05	16.20		
5	64QAM	25	0	16.29	16.39	16.22	16.16		
5	256QAM	1	0	16.35	16.49	16.38	16.32	17.4	0
5	256QAM	1	12	16.18	16.35	16.15	16.33		
5	256QAM	1	24	16.17	16.20	16.21	16.11		
5	256QAM	12	0	16.32	16.45	16.23	16.41	17.4	0
5	256QAM	12	7	16.29	16.24	16.19	16.19		
5	256QAM	12	13	16.35	16.21	16.13	16.04		
5	256QAM	25	0	16.20	16.41	16.10	16.33		

Reduced Power Mode for DSI2-Standalone

GSM850 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.20	33.32	33.28	33.50	24.20	24.32	24.28	24.50
GPRS 1 Tx slot	33.25	33.39	33.31	33.50	24.25	24.39	24.31	24.50
GPRS 2 Tx slots	30.42	30.54	30.50	31.00	24.42	24.54	24.50	25.00
GPRS 3 Tx slots	28.88	28.92	28.84	29.50	24.62	24.66	24.58	25.24
GPRS 4 Tx slots	27.25	27.38	27.30	28.00	24.25	24.38	24.30	25.00
EDGE 1 Tx slot	26.18	26.24	26.10	27.00	17.18	17.24	17.10	18.00
EDGE 2 Tx slots	24.41	24.49	24.45	25.00	18.41	18.49	18.45	19.00
EDGE 3 Tx slots	23.12	23.25	23.10	24.00	18.86	18.99	18.84	19.74
EDGE 4 Tx slots	21.20	21.27	21.18	22.00	18.20	18.27	18.18	19.00

GSM1900 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.65	28.68	28.60	29.00	19.65	19.68	19.60	20.00
GPRS 1 Tx slot	28.69	28.74	28.63	29.00	19.69	19.74	19.63	20.00
GPRS 2 Tx slots	25.35	25.39	25.31	26.00	19.35	19.39	19.31	20.00
GPRS 3 Tx slots	22.96	23.07	22.96	24.50	18.70	18.81	18.70	20.24
GPRS 4 Tx slots	21.28	21.38	21.27	22.50	18.28	18.38	18.27	19.50
EDGE 1 Tx slot	23.50	23.57	23.43	24.50	14.50	14.57	14.43	15.50
EDGE 2 Tx slots	21.83	21.87	21.80	23.00	15.83	15.87	15.80	17.00
EDGE 3 Tx slots	20.69	20.74	20.61	22.00	16.43	16.48	16.35	17.74
EDGE 4 Tx slots	18.46	18.57	18.52	20.00	15.46	15.57	15.52	17.00

Band		WCDMA IV Ant 0			Tune-up Limit (dBm)	WCDMA V Ant 0			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		4132	4182	4233	
Rx Channel		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.65	20.87	20.71	22.10	23.65	23.72	23.63	24.00
3GPP Rel 99	RMC 12.2Kbps	20.87	20.94	20.79	22.10	23.71	23.78	23.66	24.00
3GPP Rel 6	HSDPA Subtest-1	20.09	20.04	19.94	21.10	22.89	22.84	22.83	23.00
3GPP Rel 6	HSDPA Subtest-2	19.83	19.95	19.89	21.10	22.77	22.91	22.84	23.00
3GPP Rel 6	HSDPA Subtest-3	19.36	19.54	19.35	20.60	22.30	22.43	22.33	22.50
3GPP Rel 6	HSDPA Subtest-4	19.34	19.56	19.41	20.60	22.24	22.41	22.37	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.87	19.97	19.72	23.00	22.89	22.73	22.75	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.70	19.90	19.64	21.10	22.65	22.79	22.59	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.39	19.40	19.29	22.50	22.26	22.26	22.21	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.27	19.36	19.43	22.50	22.16	22.29	22.31	22.50
3GPP Rel 6	HSUPA Subtest-1	20.01	19.92	19.95	21.10	22.90	22.94	22.94	23.00
3GPP Rel 6	HSUPA Subtest-2	17.87	18.10	17.83	19.10	20.89	20.97	20.75	21.00
3GPP Rel 6	HSUPA Subtest-3	18.89	18.93	18.98	20.10	21.79	21.92	21.93	22.00
3GPP Rel 6	HSUPA Subtest-4	17.88	17.91	17.92	19.10	20.77	20.87	20.83	21.00
3GPP Rel 6	HSUPA Subtest-5	19.89	19.80	19.90	21.10	22.85	22.76	22.74	23.00

Band 4 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.26	20.30	20.22		
20	QPSK	1	49	20.14	20.23	20.19	21	0
20	QPSK	1	99	20.11	20.16	20.04		
20	QPSK	50	0	19.23	19.37	19.22		
20	QPSK	50	24	19.21	19.30	19.24	20	1
20	QPSK	50	50	19.11	19.25	19.12		
20	QPSK	100	0	19.19	19.32	19.25		
20	16QAM	1	0	19.16	19.26	19.15		
20	16QAM	1	49	19.12	19.25	19.19	20	1
20	16QAM	1	99	19.08	19.15	19.03		
20	16QAM	50	0	18.43	18.49	18.41		
20	16QAM	50	24	18.38	18.51	18.38	19	2
20	16QAM	50	50	18.45	18.49	18.43		
20	16QAM	100	0	18.48	18.61	18.57		
20	64QAM	1	0	18.29	18.35	18.21		
20	64QAM	1	49	18.37	18.43	18.31	19	2
20	64QAM	1	99	18.12	18.25	18.10		
20	64QAM	50	0	17.30	17.43	17.35		
20	64QAM	50	24	17.34	17.40	17.37	18	3
20	64QAM	50	50	17.22	17.30	17.25		
20	64QAM	100	0	17.37	17.41	17.27		
20	256QAM	1	0	15.45	15.51	15.47		
20	256QAM	1	49	15.25	15.38	15.32	16	5
20	256QAM	1	99	15.34	15.37	15.30		
20	256QAM	50	0	15.38	15.41	15.33		
20	256QAM	50	24	15.42	15.45	15.36	16	5
20	256QAM	50	50	15.34	15.26	15.15		
20	256QAM	100	0	15.27	15.37	15.25		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.15	20.27	20.12		
15	QPSK	1	37	20.14	20.24	20.04	21	0
15	QPSK	1	74	20.07	20.04	19.96		
15	QPSK	36	0	19.26	19.37	19.29		
15	QPSK	36	20	19.23	19.38	19.34	20	1
15	QPSK	36	39	19.15	19.32	19.21		
15	QPSK	75	0	19.25	19.39	19.31		
15	16QAM	1	0	19.21	19.29	19.22		
15	16QAM	1	37	19.18	19.35	19.27	20	1
15	16QAM	1	74	19.21	19.25	19.13		
15	16QAM	36	0	18.37	18.36	18.37		
15	16QAM	36	20	18.25	18.43	18.28	19	2
15	16QAM	36	39	18.31	18.36	18.37		
15	16QAM	75	0	18.40	18.57	18.46		
15	64QAM	1	0	18.21	18.32	18.07		
15	64QAM	1	37	18.32	18.40	18.23	19	2
15	64QAM	1	74	17.97	18.17	17.98		
15	64QAM	36	0	17.17	17.32	17.21		
15	64QAM	36	20	17.25	17.33	17.26	18	3
15	64QAM	36	39	17.17	17.23	17.19		
15	64QAM	75	0	17.26	17.31	17.21		
15	256QAM	1	0	15.31	15.39	15.37		
15	256QAM	1	37	15.13	15.24	15.17	16	5
15	256QAM	1	74	15.26	15.31	15.25		
15	256QAM	36	0	15.34	15.30	15.23		
15	256QAM	36	20	15.28	15.37	15.26	16	5
15	256QAM	36	39	15.07	15.18	15.11		
15	256QAM	75	0	15.19	15.31	15.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.17	20.23	20.17		
10	QPSK	1	25	20.18	20.21	20.10	21	0
10	QPSK	1	49	20.01	20.12	19.93		
10	QPSK	25	0	19.32	19.38	19.32		
10	QPSK	25	12	19.22	19.40	19.32	20	1
10	QPSK	25	25	19.21	19.31	19.26		
10	QPSK	50	0	19.24	19.32	19.28		
10	16QAM	1	0	19.21	19.33	19.20		
10	16QAM	1	25	19.23	19.32	19.27	20	1
10	16QAM	1	49	19.12	19.17	19.11		
10	16QAM	25	0	18.36	18.39	18.34		
10	16QAM	25	12	18.31	18.39	18.34	19	2
10	16QAM	25	25	18.30	18.35	18.38		
10	16QAM	50	0	18.41	18.50	18.52		
10	64QAM	1	0	18.15	18.23	18.09		
10	64QAM	1	25	18.27	18.33	18.23	19	2
10	64QAM	1	49	18.09	18.18	17.98		
10	64QAM	25	0	17.24	17.36	17.32		
10	64QAM	25	12	17.25	17.36	17.31	18	3
10	64QAM	25	25	17.11	17.21	17.17		
10	64QAM	50	0	17.31	17.31	17.22		
10	256QAM	1	0	15.38	15.47	15.35		
10	256QAM	1	25	15.18	15.24	15.22	16	5
10	256QAM	1	49	15.20	15.25	15.24		
10	256QAM	25	0	15.34	15.30	15.24		
10	256QAM	25	12	15.35	15.36	15.30	16	5
10	256QAM	25	25	15.09	15.14	15.05		
10	256QAM	50	0	15.13	15.31	15.14		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.22	20.23	20.12		
5	QPSK	1	12	20.20	20.26	20.05	21	0
5	QPSK	1	24	20.06	20.10	19.93		
5	QPSK	12	0	19.24	19.45	19.33		
5	QPSK	12	7	19.23	19.32	19.33	20	1
5	QPSK	12	13	19.22	19.31	19.19		
5	QPSK	25	0	19.25	19.42	19.35		
5	16QAM	1	0	19.27	19.28	19.18		
5	16QAM	1	12	19.20	19.31	19.22	20	1
5	16QAM	1	24	19.17	19.24	19.08		
5	16QAM	12	0	18.36	18.37	18.27		
5	16QAM	12	7	18.30	18.46	18.30	19	2
5	16QAM	12	13	18.41	18.38	18.38		
5	16QAM	25	0	18.40	18.53	18.50		
5	64QAM	1	0	18.17	18.21	18.14		
5	64QAM	1	12	18.25	18.40	18.24	19	2
5	64QAM	1	24	17.97	18.17	17.97		
5	64QAM	12	0	17.25	17.37	17.26		
5	64QAM	12	7	17.29	17.27	17.31	18	3
5	64QAM	12	13	17.12	17.17	17.16		
5	64QAM	25	0	17.31	17.27	17.17		
5	256QAM	1	0	15.37	15.40	15.33		
5	256QAM	1	12	15.15	15.29	15.21	16	5
5	256QAM	1	24	15.24	15.24	15.27		
5	256QAM	12	0	15.35	15.36	15.18		
5	256QAM	12	7	15.29	15.41	15.30	16	5
5	256QAM	12	13	15.10	15.11	15.00		
5	256QAM	25	0	15.23	15.31	15.12		
Channel				19950	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.18	20.28	20.15		
3	QPSK	1	8	20.19	20.24	20.11	21	0
3	QPSK	1	14	20.04	20.10	19.99		
3	QPSK	8	0	19.33	19.37	19.24		
3	QPSK	8	4	19.24	19.37	19.30	20	1
3	QPSK	8	7	19.21	19.32	19.14		
3	QPSK	15	0	19.30	19.38	19.28		
3	16QAM	1	0	19.26	19.33	19.21		
3	16QAM	1	8	19.21	19.25	19.21	20	1
3	16QAM	1	14	19.16	19.15	19.04		
3	16QAM	8	0	18.38	18.45	18.31		
3	16QAM	8	4	18.29	18.44	18.29	19	2
3	16QAM	8	7	18.32	18.42	18.30		
3	16QAM	15	0	18.44	18.47	18.45		
3	64QAM	1	0	18.21	18.24	18.08		
3	64QAM	1	8	18.32	18.29	18.24	19	2
3	64QAM	1	14	18.07	18.15	17.99		
3	64QAM	8	0	17.24	17.33	17.30		
3	64QAM	8	4	17.23	17.35	17.24	18	3
3	64QAM	8	7	17.10	17.18	17.21		
3	64QAM	15	0	17.23	17.29	17.13		
3	256QAM	1	0	15.37	15.37	15.43		
3	256QAM	1	8	15.16	15.33	15.24	16	5
3	256QAM	1	14	15.30	15.25	15.17		
3	256QAM	8	0	15.32	15.30	15.26		
3	256QAM	8	4	15.28	15.41	15.22	16	5
3	256QAM	8	7	15.09	15.18	15.01		
3	256QAM	15	0	15.21	15.28	15.13		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.22	20.26	20.13		
1.4	QPSK	1	3	20.09	20.21	20.07		
1.4	QPSK	1	5	19.96	20.01	19.90	21	0
1.4	QPSK	3	0	20.22	20.23	20.14		
1.4	QPSK	3	1	20.13	20.16	20.13		
1.4	QPSK	3	3	20.04	20.04	19.90		
1.4	QPSK	6	0	19.27	19.49	19.33	20	1
1.4	16QAM	1	0	19.31	19.36	19.27		
1.4	16QAM	1	3	19.14	19.35	19.17		
1.4	16QAM	1	5	19.24	19.40	19.29	20	1
1.4	16QAM	3	0	19.20	19.37	19.25		
1.4	16QAM	3	1	19.14	19.27	19.23		
1.4	16QAM	3	3	19.12	19.23	19.07		
1.4	16QAM	6	0	18.35	18.41	18.34	19	2
1.4	64QAM	1	0	18.29	18.41	18.25		
1.4	64QAM	1	3	18.33	18.45	18.34		
1.4	64QAM	1	5	18.38	18.48	18.45	19	2
1.4	64QAM	3	0	18.16	18.24	18.15		
1.4	64QAM	3	1	18.27	18.33	18.23		
1.4	64QAM	3	3	18.01	18.19	17.97		
1.4	64QAM	6	0	17.17	17.39	17.22	18	3
1.4	256QAM	1	0	15.40	15.43	15.37		
1.4	256QAM	1	3	15.12	15.35	15.19		
1.4	256QAM	1	5	15.23	15.31	15.15	16	5
1.4	256QAM	3	0	15.29	15.32	15.30		
1.4	256QAM	3	1	15.37	15.32	15.21		
1.4	256QAM	3	3	15.01	15.17	15.06		
1.4	256QAM	6	0	15.17	15.31	15.11	16	5

Band 5 Ant 0

BW [MHz]	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	22.78	22.82	22.72		
10	QPSK	1	25	22.71	22.77	22.67	24	0
10	QPSK	1	49	22.63	22.76	22.64		
10	QPSK	25	0	21.94	21.97	21.90		
10	QPSK	25	12	21.77	21.90	21.81	23	1
10	QPSK	25	25	21.67	21.81	21.69		
10	QPSK	50	0	21.79	21.88	21.74		
10	16QAM	1	0	21.86	21.91	21.77		
10	16QAM	1	25	21.73	21.82	21.76	23	1
10	16QAM	1	49	21.66	21.78	21.71		
10	16QAM	25	0	20.83	20.96	20.91		
10	16QAM	25	12	20.71	20.77	20.69	22	2
10	16QAM	25	25	20.69	20.79	20.75		
10	16QAM	50	0	20.75	20.85	20.72		
10	64QAM	1	0	20.86	20.91	20.85		
10	64QAM	1	25	20.79	20.83	20.71	22	2
10	64QAM	1	49	20.65	20.76	20.68		
10	64QAM	25	0	19.76	19.91	19.84		
10	64QAM	25	12	19.74	19.77	19.69	21	3
10	64QAM	25	25	19.72	19.86	19.80		
10	64QAM	50	0	19.73	19.81	19.75		
10	256QAM	1	0	17.71	17.82	17.68		
10	256QAM	1	25	17.67	17.72	17.61	19	5
10	256QAM	1	49	17.62	17.74	17.68		
10	256QAM	25	0	17.69	17.78	17.72		
10	256QAM	25	12	17.57	17.69	17.64	19	5
10	256QAM	25	25	17.55	17.65	17.58		
10	256QAM	50	0	17.65	17.71	17.62		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.72	22.77	22.62		
5	QPSK	1	12	22.67	22.73	22.63	24	0
5	QPSK	1	24	22.56	22.59	22.54		
5	QPSK	12	0	21.90	21.83	21.86		
5	QPSK	12	7	21.65	21.82	21.70	23	1
5	QPSK	12	13	21.62	21.68	21.55		
5	QPSK	25	0	21.73	21.80	21.71		
5	16QAM	1	0	21.79	21.88	21.62		
5	16QAM	1	12	21.70	21.74	21.63	23	1
5	16QAM	1	24	21.58	21.66	21.52		
5	16QAM	12	0	20.74	20.90	20.88		
5	16QAM	12	7	20.62	20.64	20.63	22	2
5	16QAM	12	13	20.54	20.67	20.67		
5	16QAM	25	0	20.68	20.81	20.58		
5	64QAM	1	0	20.80	20.80	20.81		
5	64QAM	1	12	20.51	20.61	20.53	22	2
5	64QAM	1	24	20.38	20.57	20.48		
5	64QAM	12	0	19.69	19.76	19.69		
5	64QAM	12	7	19.67	19.64	19.55	21	3
5	64QAM	12	13	19.59	19.80	19.71		
5	64QAM	25	0	19.63	19.72	19.66		
5	256QAM	1	0	17.64	17.76	17.53		
5	256QAM	1	12	17.63	17.67	17.57	19	5
5	256QAM	1	24	17.50	17.62	17.58		
5	256QAM	12	0	17.65	17.63	17.67		
5	256QAM	12	7	17.49	17.61	17.55	19	5
5	256QAM	12	13	17.44	17.57	17.56		
5	256QAM	25	0	17.53	17.61	17.59		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.69	22.72	22.62		
3	QPSK	1	8	22.63	22.67	22.63	24	0
3	QPSK	1	14	22.54	22.68	22.51		
3	QPSK	8	0	21.89	21.89	21.79		
3	QPSK	8	4	21.63	21.79	21.70	23	1
3	QPSK	8	7	21.53	21.66	21.54		
3	QPSK	15	0	21.73	21.85	21.64		
3	16QAM	1	0	21.73	21.86	21.66		
3	16QAM	1	8	21.63	21.69	21.72	23	1
3	16QAM	1	14	21.46	21.56	21.45		
3	16QAM	8	0	20.73	20.85	20.88		
3	16QAM	8	4	20.63	20.70	20.58	22	2
3	16QAM	8	7	20.63	20.65	20.62		
3	16QAM	15	0	20.61	20.76	20.60		
3	64QAM	1	0	20.76	20.87	20.77		
3	64QAM	1	8	20.45	20.64	20.53	22	2
3	64QAM	1	14	20.41	20.52	20.43		
3	64QAM	8	0	19.72	19.81	19.77		
3	64QAM	8	4	19.69	19.72	19.56	21	3
3	64QAM	8	7	19.61	19.80	19.77		
3	64QAM	15	0	19.65	19.74	19.65		
3	256QAM	1	0	17.68	17.71	17.57		
3	256QAM	1	8	17.55	17.64	17.49	19	5
3	256QAM	1	14	17.56	17.65	17.63		
3	256QAM	8	0	17.63	17.69	17.64		
3	256QAM	8	4	17.48	17.61	17.59	19	5
3	256QAM	8	7	17.41	17.59	17.44		
3	256QAM	15	0	17.62	17.66	17.49		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.65	22.78	22.62		
1.4	QPSK	1	3	22.62	22.66	22.61		
1.4	QPSK	1	5	22.49	22.61	22.58	24	0
1.4	QPSK	3	0	22.68	22.70	22.66		
1.4	QPSK	3	1	22.60	22.72	22.55		
1.4	QPSK	3	3	22.51	22.58	22.60		
1.4	QPSK	6	0	21.89	21.85	21.86	23	1
1.4	16QAM	1	0	21.64	21.82	21.68		
1.4	16QAM	1	3	21.62	21.72	21.60		
1.4	16QAM	1	5	21.68	21.84	21.67	23	1
1.4	16QAM	3	0	21.77	21.81	21.68		
1.4	16QAM	3	1	21.65	21.68	21.66		
1.4	16QAM	3	3	21.46	21.64	21.43		
1.4	16QAM	6	0	20.72	20.92	20.81	22	2
1.4	64QAM	1	0	20.56	20.71	20.63		
1.4	64QAM	1	3	20.60	20.66	20.68		
1.4	64QAM	1	5	20.67	20.77	20.65	22	2
1.4	64QAM	3	0	20.81	20.82	20.78		
1.4	64QAM	3	1	20.68	20.73	20.62		
1.4	64QAM	3	3	20.58	20.69	20.55		
1.4	64QAM	6	0	19.72	19.79	19.75	21	3
1.4	256QAM	1	0	17.67	17.72	17.61		
1.4	256QAM	1	3	17.54	17.66	17.54		
1.4	256QAM	1	5	17.59	17.70	17.62	19	5
1.4	256QAM	3	0	17.61	17.68	17.62		
1.4	256QAM	3	1	17.50	17.56	17.61		
1.4	256QAM	3	3	17.47	17.52	17.44		
1.4	256QAM	6	0	17.61	17.59	17.55	19	5

Band 7 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.90	20.96	20.85		
20	QPSK	1	49	20.78	20.90	20.76	22.4	0
20	QPSK	1	99	20.85	20.89	20.66		
20	QPSK	50	0	20.81	20.83	20.78		
20	QPSK	50	24	20.66	20.76	20.74	22.4	0
20	QPSK	50	50	20.71	20.74	20.64		
20	QPSK	100	0	20.77	20.93	20.74		
20	16QAM	1	0	20.74	20.94	20.76		
20	16QAM	1	49	20.69	20.76	20.67	22.4	0
20	16QAM	1	99	20.78	20.72	20.51		
20	16QAM	50	0	20.84	20.80	20.74		
20	16QAM	50	24	20.76	20.78	20.70	22	0.4
20	16QAM	50	50	20.81	20.81	20.59		
20	16QAM	100	0	20.73	20.91	20.75		
20	64QAM	1	0	20.78	20.82	20.70		
20	64QAM	1	49	20.75	20.75	20.74	22	0.4
20	64QAM	1	99	20.73	20.77	20.52		
20	64QAM	50	0	20.35	20.41	20.37		
20	64QAM	50	24	20.27	20.36	20.23	21	1.4
20	64QAM	50	50	20.16	20.29	20.22		
20	64QAM	100	0	20.31	20.35	20.23		
20	256QAM	1	0	18.36	18.46	18.38		
20	256QAM	1	49	18.38	18.41	18.34	19	3.4
20	256QAM	1	99	18.25	18.34	18.28		
20	256QAM	50	0	18.27	18.42	18.36		
20	256QAM	50	24	18.31	18.37	18.29	19	3.4
20	256QAM	50	50	18.21	18.30	18.25		
20	256QAM	100	0	18.30	18.39	18.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.75	20.92	20.74		
15	QPSK	1	37	20.67	20.88	20.63	22.4	0
15	QPSK	1	74	20.76	20.81	20.54		
15	QPSK	36	0	20.68	20.73	20.63		
15	QPSK	36	20	20.54	20.61	20.68	22.4	0
15	QPSK	36	39	20.58	20.58	20.47		
15	QPSK	75	0	20.70	20.83	20.70		
15	16QAM	1	0	20.57	20.86	20.59		
15	16QAM	1	37	20.55	20.70	20.53	22.4	0
15	16QAM	1	74	20.73	20.69	20.46		
15	16QAM	36	0	20.77	20.73	20.60		
15	16QAM	36	20	20.65	20.67	20.59	22	0.4
15	16QAM	36	39	20.77	20.63	20.45		
15	16QAM	75	0	20.63	20.80	20.66		
15	64QAM	1	0	20.76	20.65	20.62		
15	64QAM	1	37	20.61	20.67	20.72	22	0.4
15	64QAM	1	74	20.70	20.60	20.49		
15	64QAM	36	0	20.26	20.37	20.26		
15	64QAM	36	20	20.12	20.32	20.12	21	1.4
15	64QAM	36	39	20.01	20.25	20.08		
15	64QAM	75	0	20.28	20.33	20.13		
15	256QAM	1	0	18.31	18.34	18.29		
15	256QAM	1	37	18.23	18.33	18.28	19	3.4
15	256QAM	1	74	18.21	18.30	18.16		
15	256QAM	36	0	18.13	18.29	18.32		
15	256QAM	36	20	18.21	18.31	18.23	19	3.4
15	256QAM	36	39	18.06	18.25	18.19		
15	256QAM	75	0	18.20	18.29	18.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.87	20.82	20.68		
10	QPSK	1	25	20.71	20.75	20.69	22.4	0
10	QPSK	1	49	20.67	20.82	20.60		
10	QPSK	25	0	20.65	20.68	20.70		
10	QPSK	25	12	20.58	20.60	20.60	22.4	0
10	QPSK	25	25	20.56	20.61	20.59		
10	QPSK	50	0	20.70	20.82	20.66		
10	16QAM	1	0	20.65	20.87	20.60		
10	16QAM	1	25	20.56	20.72	20.49	22.4	0
10	16QAM	1	49	20.61	20.67	20.46		
10	16QAM	25	0	20.80	20.75	20.63		
10	16QAM	25	12	20.67	20.73	20.67	22	0.4
10	16QAM	25	25	20.71	20.68	20.53		
10	16QAM	50	0

Band 13 Ant 0

BW [MHz]	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		22.82		24	0
10	QPSK	1	25		22.77			
10	QPSK	1	49		22.73			
10	QPSK	25	0		21.87		23	1
10	QPSK	25	12		21.82			
10	QPSK	25	25		21.76			
10	QPSK	50	0		21.83			
10	16QAM	1	0		21.77		23	1
10	16QAM	1	25		21.72			
10	16QAM	1	49		21.61			
10	16QAM	25	0		20.90		22	2
10	16QAM	25	12		20.85			
10	16QAM	25	25		20.73			
10	16QAM	50	0		20.84			
10	64QAM	1	0		20.79		22	2
10	64QAM	1	25		20.74			
10	64QAM	1	49		20.60			
10	64QAM	25	0		19.91		21	3
10	64QAM	25	12		19.86			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.85			
10	256QAM	1	0		17.91		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.74			
10	256QAM	25	0		17.87		19	5
10	256QAM	25	12		17.82			
10	256QAM	25	25		17.74			
10	256QAM	50	0		17.80			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.71	22.78	22.67	24	0
5	QPSK	1	12	22.68	22.72	22.64		
5	QPSK	1	24	22.54	22.62	22.53		
5	QPSK	12	0	21.66	21.77	21.68	23	1
5	QPSK	12	7	21.71	21.78	21.73		
5	QPSK	12	13	21.49	21.64	21.54		
5	QPSK	25	0	21.66	21.79	21.67		
5	16QAM	1	0	21.63	21.74	21.63	23	1
5	16QAM	1	12	21.57	21.60	21.54		
5	16QAM	1	24	21.39	21.51	21.46		
5	16QAM	12	0	20.70	20.81	20.69	22	2
5	16QAM	12	7	20.68	20.77	20.64		
5	16QAM	12	13	20.61	20.72	20.61		
5	16QAM	25	0	20.68	20.81	20.73		
5	64QAM	1	0	20.52	20.65	20.59	22	2
5	64QAM	1	12	20.46	20.60	20.50		
5	64QAM	1	24	20.48	20.57	20.43		
5	64QAM	12	0	19.66	19.76	19.67	21	3
5	64QAM	12	7	19.70	19.74	19.63		
5	64QAM	12	13	19.66	19.71	19.59		
5	64QAM	25	0	19.71	19.79	19.66		
5	256QAM	1	0	17.78	17.83	17.76	19	5
5	256QAM	1	12	17.68	17.83	17.76		
5	256QAM	1	24	17.64	17.75	17.70		
5	256QAM	12	0	17.78	17.83	17.77	19	5
5	256QAM	12	7	17.65	17.73	17.60		
5	256QAM	12	13	17.55	17.70	17.65		
5	256QAM	25	0	17.73	17.78	17.68		

Band 17 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23780	23790	23800	
Frequency (MHz)					709	710	711	
10	QPSK	1	0	22.85	22.88	22.81	24	0
10	QPSK	1	25	22.81	22.87	22.75		
10	QPSK	1	49	22.71	22.80	22.67		
10	QPSK	25	0	21.89	21.96	21.86	23	1
10	QPSK	25	12	21.79	21.91	21.84		
10	QPSK	25	25	21.75	21.84	21.80		
10	QPSK	50	0	21.75	21.89	21.84		
10	16QAM	1	0	21.75	21.81	21.68	23	1
10	16QAM	1	25	21.65	21.76	21.67		
10	16QAM	1	49	21.59	21.69	21.65		
10	16QAM	25	0	20.89	20.92	20.86	22	2
10	16QAM	25	12	20.77	20.87	20.82		
10	16QAM	25	25	20.65	20.80	20.73		
10	16QAM	50	0	20.73	20.86	20.71		
10	64QAM	1	0	20.71	20.81	20.69	22	2
10	64QAM	1	25	20.71	20.76	20.66		
10	64QAM	1	49	20.59	20.69	20.57		
10	64QAM	25	0	19.79	19.90	19.79	21	3
10	64QAM	25	12	19.79	19.85	19.79		
10	64QAM	25	25	19.75	19.78	19.64		
10	64QAM	50	0	19.77	19.86	19.77		
10	256QAM	1	0	17.82	17.90	17.80	19	5
10	256QAM	1	25	17.76	17.85	17.80		
10	256QAM	1	49	17.73	17.78	17.71		
10	256QAM	25	0	17.78	17.84	17.80	19	5
10	256QAM	25	12	17.65	17.79	17.69		
10	256QAM	25	25	17.63	17.72	17.67		
10	256QAM	50	0	17.67	17.79	17.72		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.77	22.85	22.72	24	0
5	QPSK	1	12	22.74	22.72	22.68		
5	QPSK	1	24	22.65	22.74	22.61		
5	QPSK	12	0	21.76	21.81	21.72	23	1
5	QPSK	12	7	21.69	21.77	21.71		
5	QPSK	12	13	21.69	21.80	21.72		
5	QPSK	25	0	21.69	21.76	21.79		
5	16QAM	1	0	21.72	21.76	21.57	23	1
5	16QAM	1	12	21.60	21.67	21.56		
5	16QAM	1	24	21.54	21.54	21.53		
5	16QAM	12	0	20.82	20.85	20.74	22	2
5	16QAM	12	7	20.74	20.83	20.71		
5	16QAM	12	13	20.56	20.66	20.67		
5	16QAM	25	0	20.70	20.79	20.58		
5	64QAM	1	0	20.59	20.72	20.63	22	2
5	64QAM	1	12	20.59	20.62	20.57		
5	64QAM	1	24	20.54	20.61	20.50		
5	64QAM	12	0	19.67	19.79	19.72	21	3
5	64QAM	12	7	19.71	19.73	19.72		
5	64QAM	12	13	19.71	19.67	19.60		
5	64QAM	25	0	19.63	19.75	19.66		
5	256QAM	1	0	17.71	17.84	17.75	19	5
5	256QAM	1	12	17.66	17.79	17.73		
5	256QAM	1	24	17.65	17.73	17.60		
5	256QAM	12	0	17.69	17.74	17.71	19	5
5	256QAM	12	7	17.66	17.76	17.61		
5	256QAM	12	13	17.53	17.65	17.62		
5	256QAM	25	0	17.61	17.65	17.59		

Band 26 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					26765	26865	26965	
Frequency (MHz)					821.5	831.5	841.5	
15	QPSK	1	0	22.82	22.89	22.74	24	0
15	QPSK	1	37	22.79	22.84	22.70		
15	QPSK	1	74	22.68	22.77	22.71		
15	QPSK	36	0	21.68	21.81	21.67	23	1
15	QPSK	36	20	21.73	21.76	21.70		
15	QPSK	36	39	21.60	21.69	21.58		
15	QPSK	75	0	21.65	21.76	21.65		
15	16QAM	1	0	21.57	21.72	21.66	23	1
15	16QAM	1	37	21.63	21.67	21.53		
15	16QAM	1	74	21.48	21.60	21.55		
15	16QAM	36	0	20.67	20.79	20.66	22	2
15	16QAM	36	20	20.69	20.74	20.69		
15	16QAM	36	39	20.56	20.67	20.60		
15	16QAM	75	0	20.58	20.73	20.68		
15	64QAM	1	0	20.55	20.68	20.54	22	2
15	64QAM	1	37	20.49	20.63	20.51		
15	64QAM	1	74	20.51	20.56	20.49		
15	64QAM	36	0	19.71	19.76	19.69	21	3
15	64QAM	36	20	19.60	19.71	19.62		
15	64QAM	36	39	19.50	19.64	19.53		
15	64QAM	75	0	19.58	19.68	19.62		
15	256QAM	1	0	17.67	17.80	17.66	19	5
15	256QAM	1	37	17.66	17.75	17.71		
15	256QAM	1	74	17.64	17.68	17.62		
15	256QAM	36	0	17.62	17.73	17.67	19	5
15	256QAM	36	20	17.61	17.68	17.53		
15	256QAM	36	39	17.55	17.71	17.51		
15	256QAM	75	0	17.58	17.68	17.56		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.73	22.82	22.66	24	0
10	QPSK	1	25	22.70	22.82	22.56		
10	QPSK	1	49	22.54	22.63	22.65		
10	QPSK	25	0	21.57	21.77	21.54	23	1
10	QPSK	25	12	21.68	21.66	21.64		
10	QPSK	25	25	21.49	21.67	21.48		
10	QPSK	50	0	21.52	21.62	21.54		
10	16QAM	1	0	21.48	21.65	21.63	23	1
10	16QAM	1	25	21.50	21.63	21.46		
10	16QAM	1	49	21.35	21.48	21.42		
10	16QAM	25	0	20.55	20.68	20.63	22	2
10	16QAM	25	12	20.59	20.59	20.63		
10	16QAM	25	25	20.53	20.62	20.56		
10	16QAM	50	0	20.45	20.59	20.63		
10	64QAM	1	0	20.48	20.56	20.48	22	2
10	64QAM	1	25	20.40	20.53	20.44		
10	64QAM	1	49	20.37	20.43	20.37		
10	64QAM	25	0	19.64	19.62	19.56	21	3
10	64QAM	25	12	19.54	19.61	19.56		
10	64QAM	25	25	19.40	19.57	19.45		
10	64QAM	50	0	19.44	19.57	19.59		
10	256QAM	1	0	17.60	17.73	17.59	19	5
10	256QAM	1	25	17.63	17.71	17.57		
10	256QAM	1	49	17.57	17.60	17.55		
10	256QAM	25	0	17.54	17.64	17.57	19	5
10	256QAM	25	12	17.52	17.60	17.47		
10	256QAM	25	25	17.49	17.54	17.36		
10	256QAM	50	0	17.45	17.53	17.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.70	22.75	22.69	24	0
5	QPSK	1	12	22.73	22.71	22.61		
5	QPSK	1	24	22.64	22.73	22.57		
5	QPSK	12	0	21.55	21.72	21.56	23	1
5	QPSK	12	7	21.59	21.68	21.64		
5	QPSK	12	13	21.57	21.59	21.47		
5	QPSK	25	0	21.61	21.67	21.60		
5	16QAM	1	0	21.48	21.64	21.62	23	1
5	16QAM	1	12	21.60	21.53	21.48		
5	16QAM	1	24	21.40	21.52	21.48		
5	16QAM	12	0	20.56	20.70	20.53	22	2
5	16QAM	12	7	20.62	20.68	20.56		
5	16QAM	12	13	20.49	20.55	20.45		
5	16QAM	25	0	20.52	20.63	20.58		
5	64QAM	1	0	20.52	20.63	20.41	22	2
5	64QAM	1	12	20.36	20.59	20.36		
5	64QAM	1	24	20.40	20.44	20.46		
5	64QAM	12	0	19.66	19.67	19.64	21	3
5	64QAM	12	7	19.46	19.58	19.53		
5	64QAM	12	13	19.38	19.57	19.38		
5	64QAM	25	0	19.54	19.59	19.51		
5	256QAM	1	0	17.64	17.71	17.60	19	5
5	256QAM	1	12	17.53	17.71	17.66		
5	256QAM	1	24	17.59	17.63	17.47		
5	256QAM	12	0	17.50	17.70	17.53	19	5
5	256QAM	12	7	17.46	17.53	17.39		
5	256QAM	12	13	17.43	17.47	17.46		
5	256QAM	25	0	17.49	17.64	17.46		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.69	22.79	22.60	24	0
3	QPSK	1	8	22.70	22.74	22.67		
3	QPSK	1	14	22.57	22.72	22.56		
3	QPSK	8	0	21.63	21.69	21.56	23	1
3	QPSK	8	4	21.65	21.63	21.65		
3	QPSK	8	7	21.51	21.55	21.55		
3	QPSK	15	0	21.61	21.73	21.51		
3	16QAM	1	0	21.48	21.65	21.58	23	1
3	16QAM	1	8	21.50	21.63	21.41		
3	16QAM	1	14	21.38	21.46	21.50		
3	16QAM	8	0	20.54	20.72	20.55	22	2
3	16QAM	8	4	20.62	20.60	20.60		
3	16QAM	8	7	20.52	20.63	20.54		
3	16QAM	15	0	20.48	20.62	20.60		
3	64QAM	1	0	20.44	20.58	20.40	22	2
3	64QAM	1	8	20.46	20.53	20.42		
3	64QAM	1	14	20.42	20.49	20.43		
3	64QAM	8	0	19.68	19.66	19.60	21	3
3	64QAM	8	4	19.49	19.68	19.51		
3	64QAM	8	7	19.43	19.58	19.48		
3	64QAM	15	0	19.48	19.63	19.52		
3	256QAM	1	0	17.54	17.69	17.57	19	5
3	256QAM	1	8	17.61	17.61	17.58		
3	256QAM	1	14	17.56	17.58	17.50		
3	256QAM	8	0	17.56	17.58	17.62	19	5
3	256QAM	8	4	17.51	17.60	17.44		
3	256QAM	8	7	17.47	17.55	17.38		
3	256QAM	15	0	17.51	17.64	17.51		
Channel				26907	26965	27023	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.77	22.85	22.63	24	0
1.4	QPSK	1	3	22.66	22.80	22.57		
1.4	QPSK	1	5	22.64	22.71	22.66		
1.4	QPSK	3	0	22.74	22.82	22.71		
1.4	QPSK	3	1	22.74	22.76	22.64		
1.4	QPSK	3	3	22.56	22.63	22.56		
1.4	QPSK	6	0	21.65	21.67	21.59	23	1
1.4	16QAM	1	0	21.60	21.69	21.58	23	1
1.4	16QAM	1	3	21.49	21.63	21.51		
1.4	16QAM	1	5	21.54	21.67	21.56		
1.4	16QAM	3	0	21.51	21.58	21.61		
1.4	16QAM	3	1	21.48	21.62	21.38		
1.4	16QAM	3	3	21.38	21.46	21.49		
1.4	16QAM	6	0	20.63	20.66	20.56	22	2
1.4	64QAM	1	0	20.60	20.62	20.62	22	2
1.4	64QAM	1	3	20.42	20.54	20.48		
1.4	64QAM	1	5	20.50	20.60	20.59		
1.4	64QAM	3	0	20.51	20.53	20.43		
1.4	64QAM	3	1	20.38	20.53	20.37		
1.4	64QAM	3	3	20.40	20.45	20.38		
1.4	64QAM	6	0	19.62	19.73	19.57	21	3
1.4	256QAM	1	0	17.54	17.74	17.51	19	5
1.4	256QAM	1	3	17.55	17.71	17.65		
1.4	256QAM	1	5	17.50	17.64	17.54		
1.4	256QAM	3	0	17.53	17.69	17.60		
1.4	256QAM	3	1	17.49	17.57	17.42		
1.4	256QAM	3	3	17.41	17.56	17.36		
1.4	256QAM	6	0	17.45	17.53	17.48	19	5

Band 66 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					132072	132322	132572	
Frequency (MHz)					1720	1745	1770	
20	QPSK	1	0	20.26	20.36	20.20	21	0
20	QPSK	1	49	20.22	20.29	20.16		
20	QPSK	1	99	20.15	20.22	20.08		
20	QPSK	50	0	19.24	19.38	19.25	20	1
20	QPSK	50	24	19.21	19.33	19.28		
20	QPSK	50	50	19.15	19.26	19.14		
20	QPSK	100	0	19.21	19.33	19.21		
20	16QAM	1	0	19.27	19.31	19.22	20	1
20	16QAM	1	49	19.15	19.26	19.22		
20	16QAM	1	99	19.12	19.19	19.15		
20	16QAM	50	0	18.38	18.44	18.38	19	2
20	16QAM	50	24	18.29	18.39	18.24		
20	16QAM	50	50	18.29	18.32	18.27		
20	16QAM	100	0	18.31	18.37	18.29		
20	64QAM	1	0	18.18	18.30	18.16	19	2
20	64QAM	1	49	18.21	18.25	18.14		
20	64QAM	1	99	18.04	18.18	18.09		
20	64QAM	50	0	17.34	17.41	17.35	18	3
20	64QAM	50	24	17.29	17.36	17.24		
20	64QAM	50	50	17.16	17.29	17.24		
20	64QAM	100	0	17.26	17.34	17.22		
20	256QAM	1	0	15.34	15.43	15.36	16	5
20	256QAM	1	49	15.27	15.38	15.33		
20	256QAM	1	99	15.20	15.31	15.19		
20	256QAM	50	0	15.28	15.37	15.29	16	5
20	256QAM	50	24	15.26	15.32	15.22		
20	256QAM	50	50	15.20	15.25	15.15		
20	256QAM	100	0	15.21	15.31	15.19		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.09	20.16	20.06	21	0
15	QPSK	1	37	20.06	20.12	20.02		
15	QPSK	1	74	19.94	20.01	19.95		
15	QPSK	36	0	19.20	19.28	19.19	20	1
15	QPSK	36	20	19.16	19.26	19.24		
15	QPSK	36	39	19.08	19.16	19.07		
15	QPSK	75	0	19.14	19.20	19.16		
15	16QAM	1	0	19.22	19.16	19.07	20	1
15	16QAM	1	37	19.01	19.21	19.14		
15	16QAM	1	74	19.02	19.16	19.09		
15	16QAM	36	0	18.28	18.36	18.33	19	2
15	16QAM	36	20	18.21	18.27	18.15		
15	16QAM	36	39	18.21	18.23	18.24		
15	16QAM	75	0	18.23	18.26	18.21		
15	64QAM	1	0	18.13	18.25	18.06	19	2
15	64QAM	1	37	18.08	18.12	18.10		
15	64QAM	1	74	17.91	18.08	17.98		
15	64QAM	36	0	17.21	17.38	17.26	18	3
15	64QAM	36	20	17.18	17.23	17.12		
15	64QAM	36	39	17.05	17.18	17.12		
15	64QAM	75	0	17.14	17.24	17.16		
15	256QAM	1	0	15.27	15.36	15.22	16	5
15	256QAM	1	37	15.12	15.34	15.21		
15	256QAM	1	74	15.07	15.27	15.11		
15	256QAM	36	0	15.20	15.27	15.25	16	5
15	256QAM	36	20	15.19	15.25	15.11		
15	256QAM	36	39	15.08	15.19	15.00		
15	256QAM	75	0	15.17	15.19	15.14		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.09	20.18	19.97	21	0
10	QPSK	1	25	20.01	20.10	19.99		
10	QPSK	1	49	19.91	20.09	19.99		
10	QPSK	25	0	19.13	19.28	19.22	20	1
10	QPSK	25	12	19.11	19.25	19.20		
10	QPSK	25	25	19.03	19.15	19.10		
10	QPSK	50	0	19.07	19.25	19.09		
10	16QAM	1	0	19.19	19.19	19.08	20	1
10	16QAM	1	25	19.04	19.20	19.17		
10	16QAM	1	49	19.05	19.10	19.12		
10	16QAM	25	0	18.33	18.29	18.27	19	2
10	16QAM	25	12	18.15	18.36	18.20		
10	16QAM	25	25	18.17	18.18	18.14		
10	16QAM	50	0	18.24	18.30	18.23		
10	64QAM	1	0	18.12	18.16	18.06	19	2
10	64QAM	1	25	18.17	18.15	18.02		
10	64QAM	1	49	18.01	18.04	18.03		
10	64QAM	25	0	17.20	17.28	17.25	18	3
10	64QAM	25	12	17.15	17.21	17.18		
10	64QAM	25	25	17.10	17.20	17.20		
10	64QAM	50	0	17.18	17.28	17.18		
10	256QAM	1	0	15.22	15.38	15.26	16	5
10	256QAM	1	25	15.19	15.28	15.29		
10	256QAM	1	49	15.13	15.22	15.09		
10	256QAM	25	0	15.18	15.25	15.15	16	5
10	256QAM	25	12	15.16	15.25	15.09		
10	256QAM	25	25	15.16	15.19	15.03		
10	256QAM	50	0	15.17	15.22	15.04		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.04	20.10	19.98	21	0
5	QPSK	1	12	20.08	20.09	20.00		
5	QPSK	1	24	19.97	20.08	19.94		
5	QPSK	12	0	19.14	19.25	19.17	20	1
5	QPSK	12	7	19.08	19.20	19.24		
5	QPSK	12	13	19.05	19.22	19.03		
5	QPSK	25	0	19.07	19.25	19.14		
5	16QAM	1	0	19.19	19.20	19.17	20	1
5	16QAM	1	12	19.02	19.19	19.09		
5	16QAM	1	24	18.97	19.09	19.00		
5	16QAM	12	0	18.25	18.32	18.31	19	2
5	16QAM	12	7	18.15	18.33	18.14		
5	16QAM	12	13	18.24	18.28	18.23		
5	16QAM	25	0	18.17	18.32	18.19		
5	64QAM	1	0	18.15	18.16	18.04	19	2
5	64QAM	1	12	18.17	18.18	18.09		
5	64QAM	1	24	17.90	18.09	18.00		
5	64QAM	12	0	17.26	17.27	17.28	18	3
5	64QAM	12	7	17.15	17.33	17.12		
5	64QAM	12	13	17.09	17.20	17.20		
5	64QAM	25	0	17.17	17.30	17.17		

Band 38 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.63	20.70	20.57		
20	QPSK	1	49	20.60	20.65	20.53	22	0
20	QPSK	1	99	20.52	20.58	20.48		
20	QPSK	50	0	19.56	19.61	19.50		
20	QPSK	50	24	19.42	19.56	19.39	21	1
20	QPSK	50	50	19.38	19.49	19.34		
20	QPSK	100	0	19.44	19.57	19.51		
20	16QAM	1	0	19.42	19.52	19.39		
20	16QAM	1	49	19.33	19.47	19.42	21	1
20	16QAM	1	99	19.30	19.40	19.35		
20	16QAM	50	0	18.45	18.55	18.47		
20	16QAM	50	24	18.43	18.50	18.39	20	2
20	16QAM	50	50	18.35	18.43	18.39		
20	16QAM	100	0	18.46	18.49	18.45		
20	64QAM	1	0	18.33	18.45	18.35		
20	64QAM	1	49	18.31	18.40	18.32	20	2
20	64QAM	1	99	18.26	18.33	18.26		
20	64QAM	50	0	17.41	17.46	17.35		
20	64QAM	50	24	17.33	17.41	17.27	19	3
20	64QAM	50	50	17.30	17.34	17.19		
20	64QAM	100	0	17.32	17.43	17.38		
20	256QAM	1	0	15.45	15.51	15.40		
20	256QAM	1	49	15.35	15.46	15.31	17	5
20	256QAM	1	99	15.34	15.39	15.28		
20	256QAM	50	0	15.44	15.48	15.42		
20	256QAM	50	24	15.35	15.43	15.31	17	5
20	256QAM	50	50	15.30	15.36	15.25		
20	256QAM	100	0	15.38	15.44	15.29		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	20.50	20.62	20.50		
15	QPSK	1	37	20.55	20.58	20.40	22	0
15	QPSK	1	74	20.42	20.54	20.35		
15	QPSK	36	0	19.51	19.47	19.36		
15	QPSK	36	20	19.29	19.51	19.35	21	1
15	QPSK	36	39	19.33	19.35	19.21		
15	QPSK	75	0	19.33	19.49	19.39		
15	16QAM	1	0	19.31	19.47	19.34		
15	16QAM	1	37	19.30	19.35	19.37	21	1
15	16QAM	1	74	19.16	19.31	19.24		
15	16QAM	36	0	18.39	18.49	18.39		
15	16QAM	36	20	18.40	18.41	18.31	20	2
15	16QAM	36	39	18.31	18.35	18.26		
15	16QAM	75	0	18.37	18.44	18.39		
15	64QAM	1	0	18.26	18.37	18.26		
15	64QAM	1	37	18.25	18.29	18.20	20	2
15	64QAM	1	74	18.16	18.22	18.13		
15	64QAM	36	0	17.37	17.35	17.24		
15	64QAM	36	20	17.28	17.34	17.21	19	3
15	64QAM	36	39	17.15	17.24	17.13		
15	64QAM	75	0	17.22	17.37	17.29		
15	256QAM	1	0	15.38	15.38	15.32		
15	256QAM	1	37	15.22	15.40	15.21	17	5
15	256QAM	1	74	15.25	15.33	15.22		
15	256QAM	36	0	15.31	15.35	15.37		
15	256QAM	36	20	15.21	15.36	15.28	17	5
15	256QAM	36	39	15.20	15.24	15.16		
15	256QAM	75	0	15.27	15.36	15.19		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	20.50	20.59	20.52		
10	QPSK	1	25	20.51	20.55	20.42	22	0
10	QPSK	1	49	20.42	20.48	20.34		
10	QPSK	25	0	19.44	19.51	19.41		
10	QPSK	25	12	19.36	19.47	19.39	21	1
10	QPSK	25	25	19.27	19.38	19.30		
10	QPSK	50	0	19.36	19.48	19.48		
10	16QAM	1	0	19.30	19.44	19.30		
10	16QAM	1	25	19.29	19.35	19.36	21	1
10	16QAM	1	49	19.21	19.28	19.28		
10	16QAM	25	0	18.35	18.42	18.35		
10	16QAM	25	12	18.40	18.42	18.26	20	2
10	16QAM	25	25	18.29	18.31	18.32		
10	16QAM	50	0	18.37	18.37	18.32		
10	64QAM	1	0	18.29	18.31	18.21		
10	64QAM	1	25	18.18	18.32	18.27	20	2
10	64QAM	1	49	18.16	18.22	18.19		
10	64QAM	25	0	17.32	17.36	17.22		
10	64QAM	25	12	17.28	17.30	17.23	19	3
10	64QAM	25	25	17.21	17.22	17.15		
10	64QAM	50	0	17.29	17.31	17.25		
10	256QAM	1	0	15.31	15.37	15.30		
10	256QAM	1	25	15.21	15.33	15.27	17	5
10	256QAM	1	49	15.30	15.29	15.14		
10	256QAM	25	0	15.29	15.45	15.32		
10	256QAM	25	12	15.28	15.32	15.17	17	5
10	256QAM	25	25	15.27	15.31	15.14		
10	256QAM	50	0	15.25	15.40	15.22		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	20.54	20.57	20.43		
5	QPSK	1	12	20.48	20.55	20.46	22	0
5	QPSK	1	24	20.39	20.49	20.40		
5	QPSK	12	0	19.41	19.58	19.45		
5	QPSK	12	7	19.29	19.48	19.36	21	1
5	QPSK	12	13	19.24	19.41	19.27		
5	QPSK	25	0	19.32	19.49	19.42		
5	16QAM	1	0	19.34	19.48	19.25		
5	16QAM	1	12	19.28	19.35	19.29	21	1
5	16QAM	1	24	19.16	19.37	19.26		
5	16QAM	12	0	18.42	18.42	18.42		
5	16QAM	12	7	18.34	18.36	18.30	20	2
5	16QAM	12	13	18.27	18.35	18.27		
5	16QAM	25	0	18.34	18.38	18.40		
5	64QAM	1	0	18.23	18.34	18.22		
5	64QAM	1	12	18.26	18.27	18.27	20	2
5	64QAM	1	24	18.18	18.30	18.13		
5	64QAM	12	0	17.29	17.43	17.24		
5	64QAM	12	7	17.22	17.37	17.18	19	3
5	64QAM	12	13	17.26	17.23	17.07		
5	64QAM	25	0	17.25	17.36	17.25		
5	256QAM	1	0	15.32	15.48	15.36		
5	256QAM	1	12	15.26	15.36	15.26	17	5
5	256QAM	1	24	15.24	15.32	15.21		
5	256QAM	12	0	15.33	15.44	15.35		
5	256QAM	12	7	15.28	15.33	15.19	17	5
5	256QAM	12	13	15.21	15.27	15.20		
5	256QAM	25	0	15.27	15.38	15.16		

Band 41 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.58	20.65	20.77	20.71	20.63		
20	QPSK	1	49	20.54	20.63	20.72	20.68	20.58	22	0
20	QPSK	1	99	20.49	20.53	20.65	20.50	20.54		
20	QPSK	50	0	19.62	19.62	19.74	19.64	19.69		
20	QPSK	50	24	19.57	19.63	19.69	19.58	19.54	21	1
20	QPSK	50	50	19.51	19.50	19.62	19.47	19.52		
20	QPSK	100	0	19.53	19.59	19.66	19.57	19.59		
20	16QAM	1	0	19.45	19.46	19.58	19.48	19.48		
20	16QAM	1	49	19.35	19.40	19.53	19.44	19.41	21	1
20	16QAM	1	99	19.35	19.34	19.46	19.43	19.32		
20	16QAM	50	0	18.52	18.59	18.70	18.61	18.55		
20	16QAM	50	24	18.50	18.51	18.65	18.56	18.52	20	2
20	16QAM	50	50	18.46	18.49	18.58	18.47	18.53		
20	16QAM	100	0	18.49	18.57	18.64	18.51	18.57		
20	64QAM	1	0	18.46	18.55	18.61	18.48	18.56		
20	64QAM	1	49	18.38	18.42	18.58	18.50	18.45	20	2
20	64QAM	1	99	18.29	18.38	18.49	18.38	18.45		
20	64QAM	50	0	17.53	17.55	17.66	17.55	17.52		
20	64QAM	50	24	17.43	17.55	17.61	17.48	17.56	19	3
20	64QAM	50	50	17.38	17.39	17.54	17.47	17.43		
20	64QAM	100	0	17.50	17.47	17.60	17.48	17.54		
20	256QAM	1	0	15.60	15.67	15.77	15.73	15.70		
20	256QAM	1	49	15.59	15.59	15.72	15.68	15.65	17	5
20	256QAM	1	99	15.47	15.56	15.65	15.50	15.56		
20	256QAM	50	0	15.62	15.61	15.72	15.57	15.62		
20	256QAM	50	24	15.56	15.55	15.67	15.60	15.55	17	5
20	256QAM	50	50	15.45	15.49	15.60	15.48	15.56		
20	256QAM	100	0	15.47	15.50	15.64	15.50	15.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	20.48	20.54	20.73	20.61	20.50		
15	QPSK	1	37	20.43	20.50	20.59	20.60	20.55	22.00	0
15	QPSK	1	74	20.41	20.44	20.61	20.35	20.47		
15	QPSK	36	0	19.55	19.54	19.67	19.59	19.54		
15	QPSK	36	20	19.50	19.57	19.60	19.45	19.49	21	1
15	QPSK	36	39	19.42	19.38	19.56	19.36	19.47		
15	QPSK	75	0	19.42	19.56	19.62	19.43	19.46		
15	16QAM	1	0	19.34	19.43	19.44	19.35	19.34		
15	16QAM	1	37	19.32	19.29	19.45	19.34	19.28	21	1
15	16QAM	1	74	19.23	19.23	19.33	19.35	19.25		
15	16QAM	36	0	18.38	18.50	18.61	18.57	18.48		
15	16QAM	36	20	18.36	18.47	18.54	18.51	18.45	20	2
15	16QAM	36	39	18.34	18.38	18.46	18.39	18.47		
15	16QAM	75	0	18.38	18.48	18.51	18.41	18.47		
15	64QAM	1	0	18.39	18.48	18.58	18.38	18.50		
15	64QAM	1	37	18.30	18.39	18.50	18.44	18.36	20	2
15	64QAM	1	74	18.17	18.25	18.37	18.35	18.32		
15	64QAM	36	0	17.41	17.43	17.58	17.48	17.49		
15	64QAM	36	20	17.33	17.43	17.54	17.38	17.45	19	3
15	64QAM	36	39	17.24	17.27	17.49	17.40	17.36		
15	64QAM	75	0	17.39	17.37	17.45	17.42	17.39		
15	256QAM	1	0	15.52	15.62	15.70	15.64	15.64		
15	256QAM	1	37	15.45	15.48	15.63	15.56	15.55	17	5
15	256QAM	1	74	15.34	15.44	15.54	15.44	15.46		
15	256QAM	36	0	15.48	15.53	15.65	15.53	15.58		
15	256QAM	36	20	15.51	15.47	15.53	15.48	15.47	17	5
15	256QAM	36	39	15.38	15.41	15.50	15.40	15.47		
15	256QAM	75	0	15.36	15.46	15.57	15.44	15.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	20.51	20.58	20.71	20.56	20.54		
10	QPSK	1	25	20.45	20.49	20.57	20.63	20.54	22.00	0
10	QPSK	1	49	20.36	20.39	20.56	20.41	20.48		
10	QPSK	25	0	19.59	19.54	19.70	19.57	19.55		
10	QPSK	25	12	19.45	19.52	19.58	19.54	19.49	21	1
10	QPSK	25	25	19.36	19.42	19.59	19.40	19.38		
10	QPSK	50	0	19.40	19.53	19.57	19.42	19.49		
10	16QAM	1	0	19.40	19.32	19.53	19.36	19.43		
10	16QAM	1	25	19.24	19.34	19.47	19.34	19.34	21	1
10	16QAM	1	49	19.25	19.28	19.32	19.40	19.19		
10	16QAM	25	0	18.45	18.53	18.62	18.48	18.45		
10	16QAM	25	12	18.45	18.42	18.56	18.49	18.45	20	2
10	16QAM	25	25	18.32	18.42	18.52	18.36	18.43		
10	16QAM	50	0	18.40	18.44	18.50	18.39	18.48		
10	64QAM	1	0	18.42	18.42	18.52	18.40	18.43		
10	64QAM	1	25	18.30	18.28	18.48	18.45	18.31	20	2
10	64QAM	1	49	18.16	18.34	18.38	18.29	18.41		
10	64QAM	25	0	17.41	17.41	17.61	17.45	17.38		
10	64QAM	25	12	17.36	17.42	17.55	17.44	17.46	19	3
10	64QAM	25	25	17.28	17.27	17.46	17.38	17.38		
10	64QAM	50	0	17.35	17.40	17.46	17.43	17.39		
10	256QAM	1	0	15.51	15.62	15.64	15.66	15.57		
10	256QAM	1	25	15.49	15.52	15.61	15.54	15.53	17	5
10	256QAM	1	49	15.36	15.45	15.51	15.44	15.50		
10	256QAM	25	0	15.57	15.52	15.61	15.52	15.58		
10	256QAM	25	12	15.44	15.51	15.55	15.48	15.40	17	5
10	256QAM	25	25	15.36	15.41	15.52	15.36	15.44		
10	256QAM	50	0	15.42	15.45	15.52	15.39	15.43		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	20.49	20.55	20.66	20.62	20.59		
5	QPSK	1	12	20.45	20.49	20.63	20.56	20.50	22.00	0
5	QPSK	1	24	20.41	20.40	20.55	20.36	20.43		
5	QPSK	12	0	19.48	19.42	19.63	19.51	19.63		
5	QPSK	12	7	19.52	19.51	19.55	19.55	19.45	21	1
5	QPSK	12	13	19.36	19.39	19.55	19.34	19.48		
5	QPSK	25	0	19.49	19.52	19.56	19.52	19.45		
5	16QAM	1	0	19.37	19.35	19.44	19.38	19.39		
5	16QAM	1	12	19.28	19.26	19.45	19.34	19.27	21	1
5	16QAM	1	24	19.26	19.22	19.39	19.36	19.26		
5	16QAM	12	0	18.45	18.48	18.59	18.52	18.52		
5	16QAM	12	7	18.38	18.39	18.54	18.49	18.45	20	2
5	16QAM	12	13	18.35	18.39	18.47	18.39	18.44		
5	16QAM	25	0	18.42	18.47	18.58	18.39	18.46		
5	64QAM	1	0	18.36	18.41	18.56	18.44	18.47		
5	64QAM	1	12	18.29	18.31	18.50	18.46	18.35	20	2
5	64QAM	1	24	18.20	18.34	18.46	18.26	18.31		
5	64QAM	12	0	17.41	17.44	17.60	17.41	17.39		
5	64QAM	12	7	17.30	17.46	17.57	17.36	17.45	19	3
5	64QAM	12	13	17.31	17.25	17.40	17.39	17.39		
5	64QAM	25	0	17.39	17.42	17.55	17.38	17.46		
5	256QAM	1	0	15.54	15.63	15.63	15.67	15.59		
5	256QAM	1	12	15.44	15.54	15.69	15.63	15.59	17	5
5	256QAM	1	24	15.34	15.49	15.60	15.44	15.42		
5	256QAM	12	0	15.53	15.52	15.69	15.43	15.56		
5	256QAM	12	7	15.52	15.41	15.55	15.47	15.47	17	5
5	256QAM	12	13	15.35	15.39	15.53	15.40	15.43		
5	256QAM	25	0	15.33	15.40	15.49	15.37	15.45		

Band 41 HPUE Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.57	23.61	23.76	23.74	23.68		
20	QPSK	1	49	23.56	23.61	23.67	23.64	23.53	25	0
20	QPSK	1	99	23.47	23.47	23.70	23.47	23.50		
20	QPSK	50	0	22.65	22.59	22.74	22.63	22.67		
20	QPSK	50	24	22.57	22.62	22.70	22.61	22.49	24	1
20	QPSK	50	50	22.52	22.49	22.67	22.52	22.48		
20	QPSK	100	0	22.56	22.54	22.70	22.61	22.55		
20	16QAM	1	0	22.51	22.51	22.62	22.48	22.51		
20	16QAM	1	49	22.33	22.41	22.52	22.46	22.43	24	1
20	16QAM	1	99	22.37	22.30	22.45	22.42	22.27		
20	16QAM	50	0	21.53	21.64	21.75	21.60	21.50		
20	16QAM	50	24	21.52	21.50	21.68	21.58	21.50	23	2
20	16QAM	50	50	21.47	21.45	21.60	21.49	21.49		
20	16QAM	100	0	21.47	21.62	21.61	21.56	21.59		
20	64QAM	1	0	21.45	21.51	21.59	21.46	21.58		
20	64QAM	1	49	21.41	21.37	21.53	21.53	21.44	23	2
20	64QAM	1	99	21.32	21.42	21.48	21.42	21.41		
20	64QAM	50	0	20.58	20.55	20.62	20.54	20.52		
20	64QAM	50	24	20.42	20.49	20.60	20.46	20.51	22	3
20	64QAM	50	50	20.42	20.39	20.55	20.44	20.43		
20	64QAM	100	0	20.53	20.51	20.64	20.44	20.54		
20	256QAM	1	0	18.57	18.67	18.82	18.68	18.64		
20	256QAM	1	49	18.60	18.64	18.71	18.68	18.66	20	5
20	256QAM	1	99	18.42	18.55	18.64	18.52	18.53		
20	256QAM	50	0	18.58	18.59	18.73	18.52	18.61		
20	256QAM	50	24	18.56	18.53	18.64	18.55	18.50	20	5
20	256QAM	50	50	18.42	18.54	18.56	18.49	18.59		
20	256QAM	100	0	18.48	18.52	18.62	18.46	18.61		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	23.52	23.54	23.63	23.61	23.58		
15	QPSK	1	37	23.41	23.46	23.52	23.51	23.39	25.00	0
15	QPSK	1	74	23.37	23.38	23.63	23.34	23.39		
15	QPSK	36	0	22.60	22.47	22.60	22.53	22.59		
15	QPSK	36	20	22.50	22.53	22.59	22.49	22.43	24	1
15	QPSK	36	39	22.46	22.44	22.62	22.42	22.38		
15	QPSK	75	0	22.43	22.50	22.57	22.52	22.45		
15	16QAM	1	0	22.36	22.41	22.52	22.38	22.35		
15	16QAM	1	37	22.20	22.36	22.40	22.33	22.35	24	1
15	16QAM	1	74	22.26	22.19	22.38	22.32	22.17		
15	16QAM	36	0	21.46	21.51	21.61	21.45	21.43		
15	16QAM	36	20	21.45	21.34	21.55	21.46	21.40	23	2
15	16QAM	36	39	21.34	21.33	21.47	21.37	21.39		
15	16QAM	75	0	21.35	21.47	21.48	21.47	21.45		
15	64QAM	1	0	21.34	21.36	21.46	21.36	21.54		
15	64QAM	1	37	21.32	21.33	21.38	21.47	21.40	23	2
15	64QAM	1	74	21.23	21.33	21.34	21.29	21.27		
15	64QAM	36	0	20.52	20.46	20.51	20.39	20.42		
15	64QAM	36	20	20.37	20.34	20.50	20.32	20.38	22	3
15	64QAM	36	39	20.36	20.34	20.46	20.30	20.38		
15	64QAM	75	0	20.37	20.39	20.55	20.32	20.43		
15	256QAM	1	0	18.45	18.61	18.76	18.60	18.50		
15	256QAM	1	37	18.54	18.49	18.56	18.60	18.57	20	5
15	256QAM	1	74	18.28	18.47	18.56	18.45	18.44		
15	256QAM	36	0	18.42	18.46	18.66	18.48	18.56		
15	256QAM	36	20	18.49	18.46	18.58	18.44	18.45	20	5
15	256QAM	36	39	18.26	18.48	18.50	18.38	18.45		
15	256QAM	75	0	18.34	18.48	18.55	18.38	18.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.51	23.51	23.70	23.69	23.54		
10	QPSK	1	25	23.42	23.55	23.57	23.48	23.39	25.00	0
10	QPSK	1	49	23.32	23.37	23.62	23.40	23.37		
10	QPSK	25	0	22.52	22.52	22.64	22.55	22.54		
10	QPSK	25	12	22.51	22.58	22.56	22.47	22.41	24	1
10	QPSK	25	25	22.44	22.40	22.58	22.47	22.41		
10	QPSK	50	0	22.46	22.41	22.64	22.55	22.47		
10	16QAM	1	0	22.38	22.47	22.55	22.43	22.44		
10	16QAM	1	25	22.21	22.30	22.42	22.36	22.36	24	1
10	16QAM	1	49	22.24	22.19	22.30	22.29	22.12		
10	16QAM	25	0	21.43	21.57	21.59	21.54	21.45		
10	16QAM	25	12	21.36	21.44	21.54	21.48	21.43	23	2
10	16QAM	25	25	21.36	21.33	21.44	21.34	21.34		
10	16QAM	50	0	21.36	21.56	21.46	21.43	21.54		
10	64QAM	1	0	21.30	21.45	21.49	21.38	21.54		
10	64QAM	1	25	21.28	21.24	21.48	21.49	21.40	23	2
10	64QAM	1	49	21.17	21.30	21.38	21.37	21.34		
10	64QAM	25	0	20.45	20.40	20.

Band 42 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.62	20.74	20.67	22	0
20	QPSK	1	49	20.60	20.72	20.64		
20	QPSK	1	99	20.56	20.65	20.52		
20	QPSK	50	0	19.70	19.74	19.70	21	1
20	QPSK	50	24	19.61	19.69	19.60		
20	QPSK	50	50	19.55	19.62	19.53		
20	QPSK	100	0	19.59	19.66	19.53		
20	16QAM	1	0	19.53	19.58	19.47	21	1
20	16QAM	1	49	19.40	19.53	19.42		
20	16QAM	1	99	19.38	19.46	19.37		
20	16QAM	50	0	18.59	18.70	18.61	20	2
20	16QAM	50	24	18.55	18.65	18.53		
20	16QAM	50	50	18.54	18.58	18.55		
20	16QAM	100	0	18.55	18.64	18.54		
20	64QAM	1	0	18.52	18.61	18.51	20	2
20	64QAM	1	49	18.50	18.56	18.49		
20	64QAM	1	99	18.43	18.49	18.43		
20	64QAM	50	0	17.55	17.66	17.54	19	3
20	64QAM	50	24	17.48	17.61	17.48		
20	64QAM	50	50	17.39	17.54	17.45		
20	64QAM	100	0	17.50	17.60	17.55		
20	256QAM	1	0	15.69	15.77	15.68	17	5
20	256QAM	1	49	15.61	15.72	15.68		
20	256QAM	1	99	15.57	15.65	15.57		
20	256QAM	50	0	15.69	15.72	15.57	17	5
20	256QAM	50	24	15.56	15.67	15.59		
20	256QAM	50	50	15.53	15.60	15.47		
20	256QAM	100	0	15.60	15.64	15.58		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.56	20.61	20.54	22	0
15	QPSK	1	37	20.50	20.58	20.55		
15	QPSK	1	74	20.43	20.58	20.47		
15	QPSK	36	0	19.60	19.68	19.65	21	1
15	QPSK	36	20	19.52	19.54	19.54		
15	QPSK	36	39	19.41	19.54	19.46		
15	QPSK	75	0	19.44	19.58	19.44		
15	16QAM	1	0	19.40	19.44	19.33	21	1
15	16QAM	1	37	19.37	19.42	19.29		
15	16QAM	1	74	19.25	19.42	19.28		
15	16QAM	36	0	18.48	18.57	18.46	20	2
15	16QAM	36	20	18.46	18.52	18.38		
15	16QAM	36	39	18.44	18.51	18.46		
15	16QAM	75	0	18.48	18.53	18.43		
15	64QAM	1	0	18.47	18.57	18.44	20	2
15	64QAM	1	37	18.37	18.49	18.38		
15	64QAM	1	74	18.30	18.40	18.35		
15	64QAM	36	0	17.52	17.59	17.47	19	3
15	64QAM	36	20	17.41	17.54	17.41		
15	64QAM	36	39	17.24	17.42	17.35		
15	64QAM	75	0	17.39	17.46	17.47		
15	256QAM	1	0	15.66	15.64	15.61	17	5
15	256QAM	1	37	15.56	15.57	15.60		
15	256QAM	1	74	15.53	15.54	15.49		
15	256QAM	36	0	15.63	15.60	15.45	17	5
15	256QAM	36	20	15.46	15.64	15.49		
15	256QAM	36	39	15.45	15.56	15.38		
15	256QAM	75	0	15.46	15.51	15.54		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.54	20.69	20.56	22	0
10	QPSK	1	25	20.52	20.58	20.50		
10	QPSK	1	49	20.53	20.51	20.38		
10	QPSK	25	0	19.59	19.67	19.55	21	1
10	QPSK	25	12	19.52	19.64	19.56		
10	QPSK	25	25	19.50	19.53	19.40		
10	QPSK	50	0	19.50	19.55	19.48		
10	16QAM	1	0	19.38	19.50	19.43	21	1
10	16QAM	1	25	19.33	19.48	19.29		
10	16QAM	1	49	19.25	19.34	19.32		
10	16QAM	25	0	18.52	18.58	18.52	20	2
10	16QAM	25	12	18.51	18.60	18.44		
10	16QAM	25	25	18.41	18.54	18.40		
10	16QAM	50	0	18.40	18.52	18.40		
10	64QAM	1	0	18.49	18.52	18.40	20	2
10	64QAM	1	25	18.42	18.47	18.37		
10	64QAM	1	49	18.39	18.42	18.36		
10	64QAM	25	0	17.44	17.56	17.40	19	3
10	64QAM	25	12	17.37	17.51	17.43		
10	64QAM	25	25	17.31	17.41	17.35		
10	64QAM	50	0	17.43	17.57	17.41		
10	256QAM	1	0	15.59	15.71	15.60	17	5
10	256QAM	1	25	15.56	15.67	15.58		
10	256QAM	1	49	15.44	15.60	15.44		
10	256QAM	25	0	15.58	15.68	15.54	17	5
10	256QAM	25	12	15.47	15.63	15.48		
10	256QAM	25	25	15.40	15.46	15.39		
10	256QAM	50	0	15.54	15.53	15.43		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.50	20.65	20.62	22	0
5	QPSK	1	12	20.48	20.59	20.54		
5	QPSK	1	24	20.52	20.54	20.43		
5	QPSK	12	0	19.58	19.68	19.64	21	1
5	QPSK	12	7	19.47	19.61	19.47		
5	QPSK	12	13	19.42	19.54	19.39		
5	QPSK	25	0	19.54	19.56	19.45		
5	16QAM	1	0	19.46	19.44	19.37	21	1
5	16QAM	1	12	19.26	19.40	19.38		
5	16QAM	1	24	19.29	19.35	19.23		
5	16QAM	12	0	18.45	18.65	18.57	20	2
5	16QAM	12	7	18.49	18.58	18.49		
5	16QAM	12	13	18.42	18.53	18.50		
5	16QAM	25	0	18.50	18.57	18.50		
5	64QAM	1	0	18.40	18.46	18.38	20	2
5	64QAM	1	12	18.43	18.44	18.39		
5	64QAM	1	24	18.29	18.37	18.32		
5	64QAM	12	0	17.43	17.58	17.45	19	3
5	64QAM	12	7	17.40	17.57	17.44		
5	64QAM	12	13	17.35	17.50	17.34		
5	64QAM	25	0	17.46	17.46	17.44		
5	256QAM	1	0	15.62	15.67	15.59	17	5
5	256QAM	1	12	15.52	15.64	15.53		
5	256QAM	1	24	15.44	15.55	15.50		
5	256QAM	12	0	15.59	15.61	15.53	17	5
5	256QAM	12	7	15.51	15.57	15.48		
5	256QAM	12	13	15.50	15.51	15.43		
5	256QAM	25	0	15.57	15.55	15.51		

Band 42 Part 96 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3680	3575	3590		
20	QPSK	1	0	20.44	20.61	20.51	22	0
20	QPSK	1	49	20.50	20.58	20.54		
20	QPSK	1	99	20.38	20.52	20.41		
20	QPSK	50	0	19.52	19.68	19.53	21	1
20	QPSK	50	24	19.44	19.60	19.57		
20	QPSK	50	50	19.40	19.47	19.41		
20	QPSK	100	0	19.52	19.54	19.44		
20	16QAM	1	0	19.39	19.43	19.37	21	1
20	16QAM	1	49	19.26	19.40	19.37		
20	16QAM	1	99	19.33	19.32	19.23		
20	16QAM	50	0	18.57	18.54	18.57	20	2
20	16QAM	50	24	18.47	18.52	18.48		
20	16QAM	50	50	18.38	18.41	18.48		
20	16QAM	100	0	18.42	18.53	18.40		
20	64QAM	1	0	18.42	18.51	18.34	20	2
20	64QAM	1	49	18.36	18.52	18.36		
20	64QAM	1	99	18.26	18.31	18.32		
20	64QAM	50	0	17.41	17.60	17.50	19	3
20	64QAM	50	24	17.32	17.58	17.41		
20	64QAM	50	50	17.29	17.52	17.39		
20	64QAM	100	0	17.43	17.55	17.43		
20	256QAM	1	0	15.66	15.64	15.63	17	5
20	256QAM	1	49	15.55	15.54	15.52		
20	256QAM	1	99	15.49	15.62	15.42		
20	256QAM	50	0	15.60	15.62	15.52	17	5
20	256QAM	50	24	15.49	15.59	15.50		
20	256QAM	50	50	15.45	15.43	15.43		
20	256QAM	100	0	15.48	15.49	15.51		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3575	3692.5		
15	QPSK	1	0	20.40	20.57	20.38	22	0
15	QPSK	1	37	20.35	20.53	20.40		
15	QPSK	1	74	20.36	20.43	20.37		
15	QPSK	36	0	19.45	19.56	19.46	21	1
15	QPSK	36	20	19.29	19.55	19.45		
15	QPSK	36	39	19.29	19.44	19.39		
15	QPSK	75	0	19.49	19.46	19.37		
15	16QAM	1	0	19.32	19.31	19.33	21	1
15	16QAM	1	37	19.20	19.27	19.35		
15	16QAM	1	74	19.22	19.23	19.15		
15	16QAM	36	0	18.46	18.45	18.52	20	2
15	16QAM	36	20	18.42	18.38	18.45		
15	16QAM	36	39	18.29	18.31	18.35		
15	16QAM	75	0	18.28	18.39	18.27		
15	64QAM	1	0	18.33	18.39	18.28	20	2
15	64QAM	1	37	18.32	18.48	18.24		
15	64QAM	1	74	18.18	18.23	18.24		
15	64QAM	36	0	17.37	17.46	17.36	19	3
15	64QAM	36	20	17.15	17.57	17.30		
15	64QAM	36	39	17.22	17.37	17.26		
15	64QAM	75	0	17.35	17.51	17.39		
15	256QAM	1	0	15.52	15.51	15.58	17	5
15	256QAM	1	37	15.38	15.50	15.41		
15	256QAM	1	74	15.34	15.49	15.37		
15	256QAM	36	0	15.43	15.51	15.50	17	5
15	256QAM	36	20	15.40	15.57	15.47		
15	256QAM	36	39	15.30	15.32	15.37		
15	256QAM	75	0	15.46	15.32	15.46		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3575	3695		
10	QPSK	1	0	20.30	20.59	20.46	22	0
10	QPSK	1	25	20.46	20.52	20.39		
10	QPSK	1	49	20.28	20.35	20.34		
10	QPSK	25	0	19.37	19.56	19.51	21	1
10	QPSK	25	12	19.41	19.46	19.55		
10	QPSK	25	25	19.39	19.34	19.32		
10	QPSK	50	0	19.42	19.48	19.35		
10	16QAM	1	0	19.28	19.31	19.26	21	1
10	16QAM	1	25	19.11	19.26	19.28		
10	16QAM	1	49	19.20	19.17	19.18		
10	16QAM	25	0	18.44	18.46	18.49	20	2
10	16QAM	25	12	18.39	18.36	18.36		
10	16QAM	25	25	18.30	18.24	18.36		
10	16QAM	50	0	18.26	18.37	18.31		
10	64QAM	1	0	18.33	18.42	18.20	20	2
10	64QAM	1	25	18.28	18.45	18.21		
10	64QAM	1	49	18.12	18.29	18.16		
10	64QAM	25	0	17.27	17.48	17.35	19	3
10	64QAM	25	12	17.23	17.43	17.30		
10	64QAM	25	25	17.24	17.44	17.24		
10	64QAM	50	0	17.28	17.45	17.30		
10	256QAM	1	0	15.65	15.51	15.50	17	5
10	256QAM	1	25	15.46	15.46	15.47		
10	256QAM	1	49	15.45	15.58	15.28		
10	256QAM	25	0	15.56	15.49	15.41	17	5
10	256QAM	25	12	15.33	15.46	15.43		
10	256QAM	25	25	15.41	15.38	15.32		
10	256QAM	50	0	15.37	15.45	15.44		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3575	3697.5		
5	QPSK	1	0	20.42	20.59	20.41	22	0
5	QPSK	1	12	20.37	20.56	20.38		
5	QPSK	1	24	20.29	20.50	20.27		
5	QPSK	12	0	19.46	19.55	19.50	21	1
5	QPSK	12	7	19.37	19.45	19.47		
5	QPSK	12	13	19.32	19.40	19.34		
5	QPSK	25	0	19.42	19.48	19.35		
5	16QAM	1	0	19.28	19.27	19.24	21	1
5	16QAM	1	12	19.16	19.24	19.35		
5	16QAM	1	24	19.26	19.28	19.07		
5	16QAM	12	0	18.46	18.37	18.48	20	2
5	16QAM	12	7	18.36	18.35	18.43		
5	16QAM	12	13	18.34	18.37	18.43		
5	16QAM	25	0	18.32	18.51	18.29	20	2
5	64QAM	1	0	18.36	18.42	18.31		
5	64QAM	1	12	18.29	18.36	18.25		
5	64QAM	1	24	18.12	18.18	18.15		
5	64QAM	12	0	17.31	17.48	17.47	19	3
5	64QAM	12	7	17.23	17.47	17.28		
5	64QAM	12	13	17.26	17.39	17.35		
5	64QAM	25	0	17.38	17.51	17.37		
5	256QAM	1	0	15.64	15.54	15.59	17	5
5	256QAM	1	12	15.47	15.41	15.45		
5	256QAM	1	24	15.36	15.53	15.39		
5	256QAM	12	0	15.48	15.49	15.41	17	5
5	256QAM	12	7	15.37	15.53	15.35		
5	256QAM	12	13	15.33	15.29	15.41		
5	256QAM	25	0	15.35	15.38	15.47		

Band 43 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3810	3850	3890		
20	QPSK	1	0	20.63	20.67	20.55	22	0
20	QPSK	1	49	20.58	20.62	20.52		
20	QPSK	1	99	20.40	20.55	20.44		
20	QPSK	50	0	19.49	19.59	19.47	21	1
20	QPSK	50	24	19.41	19.54	19.49		
20	QPSK	50	50	19.38	19.47	19.41		
20	QPSK	100	0	19.49	19.53	19.45		
20	16QAM	1	0	19.34	19.47	19.41	21	1
20	16QAM	1	49	19.29	19.42	19.33		
20	16QAM	1	99	19.28	19.35	19.24		
20	16QAM	50	0	18.47	18.51	18.37	20	2
20	16QAM	50	24	18.37	18.46	18.40		
20	16QAM	50	50	18.25	18.39	18.24		
20	16QAM	100	0	18.31	18.46	18.38		
20	64QAM	1	0	18.38	18.43	18.36	20	2
20	64QAM	1	49	18.29	18.38	18.34		
20	64QAM	1	99	18.18	18.31	18.23		
20	64QAM	50	0	17.32	17.44	17.36	19	3
20	64QAM	50	24	17.25	17.39	17.28		
20	64QAM	50	50	17.18	17.32	17.25		
20	64QAM	100	0	17.34	17.41	17.29		
20	256QAM	1	0	15.40	15.52	15.44	17	5
20	256QAM	1	49	15.34	15.47	15.40		
20	256QAM	1	99	15.37	15.40	15.32		
20	256QAM	50	0	15.37	15.45	15.33	17	5
20	256QAM	50	24	15.26	15.40	15.32		
20	256QAM	50	50	15.25	15.33	15.29		
20	256QAM	100	0	15.33	15.38	15.27		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3807.5	3850	3892.5		
15	QPSK	1	0	20.57	20.64	20.40	22	0
15	QPSK	1	37	20.45	20.51	20.47		
15	QPSK	1	74	20.30	20.50	20.34		
15	QPSK	36	0	19.35	19.55	19.34	21	1
15	QPSK	36	20	19.28	19.41	19.38		
15	QPSK	36	39	19.32	19.41	19.27		
15	QPSK	75	0	19.37	19.39	19.39		
15	16QAM	1	0	19.27	19.42	19.37	21	1
15	16QAM	1	37	19.17	19.36	19.20		
15	16QAM	1	74	19.14	19.29	19.19		
15	16QAM	36	0	18.37	18.38	18.30	20	2
15	16QAM	36	20	18.28	18.40	18.31		
15	16QAM	36	39	18.19	18.27	18.15		
15	16QAM	75	0	18.28	18.32	18.31		
15	64QAM	1	0	18.33	18.33	18.23	20	2
15	64QAM	1	37	18.21	18.32	18.21		
15	64QAM	1	74	18.11	18.28	18.17		
15	64QAM	36	0	17.28	17.35	17.33	19	3
15	64QAM	36	20	17.18	17.26	17.18		
15	64QAM	36	39	17.10	17.18	17.16		
15	64QAM	75	0	17.27	17.28	17.24		
15	256QAM	1	0	15.26	15.44	15.31	17	5
15	256QAM	1	37	15.30	15.39	15.32		
15	256QAM	1	74	15.33	15.29	15.20		
15	256QAM	36	0	15.26	15.37	15.22	17	5
15	256QAM	36	20	15.20	15.33	15.24		
15	256QAM	36	39	15.18	15.19	15.17		
15	256QAM	75	0	15.22	15.31	15.14		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3805	3850	3895		
10	QPSK	1	0	20.49	20.56	20.52	22	0
10	QPSK	1	25	20.45	20.55	20.45		
10	QPSK	1	49	20.25	20.46	20.33		
10	QPSK	25	0	19.42	19.50	19.43	21	1
10	QPSK	25	12	19.27	19.43	19.37		
10	QPSK	25	25	19.26	19.43	19.37		
10	QPSK	50	0	19.40	19.48	19.34		
10	16QAM	1	0	19.25	19.37	19.36	21	1
10	16QAM	1	25	19.20	19.28	19.26		
10	16QAM	1	49	19.20	19.20	19.16		
10	16QAM	25	0	18.35	18.47	18.23	20	2
10	16QAM	25	12	18.31	18.38	18.35		
10	16QAM	25	25	18.14	18.32	18.13		
10	16QAM	50	0	18.26	18.39	18.29		
10	64QAM	1	0	18.25	18.39	18.28	20	2
10	64QAM	1	25	18.22	18.28	18.24		
10	64QAM	1	49	18.08	18.23	18.11		
10	64QAM	25	0	17.20	17.35	17.25	19	3
10	64QAM	25	12	17.19	17.31	17.25		
10	64QAM	25	25	17.12	17.19	17.22		
10	64QAM	50	0	17.27	17.37	17.22		
10	256QAM	1	0	15.30	15.41	15.38	17	5
10	256QAM	1	25	15.24	15.38	15.27		
10	256QAM	1	49	15.30	15.25	15.23		
10	256QAM	25	0	15.31	15.31	15.29	17	5
10	256QAM	25	12	15.12	15.29	15.22		
10	256QAM	25	25	15.10	15.22	15.25		
10	256QAM	50	0	15.23	15.31	15.17		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3802.5	3850	3897.5		
5	QPSK	1	0	20.55	20.58	20.51	22	0
5	QPSK	1	12	20.51	20.57	20.44		
5	QPSK	1	24	20.35	20.51	20.36		
5	QPSK	12	0	19.35	19.45	19.32	21	1
5	QPSK	12	7	19.34	19.40	19.40		
5	QPSK	12	13	19.25	19.41	19.32		
5	QPSK	25	0	19.41	19.44	19.36		
5	16QAM	1	0	19.28	19.41	19.29	21	1
5	16QAM	1	12	19.21	19.36	19.29		
5	16QAM	1	24	19.25	19.23	19.20		
5	16QAM	12	0	18.41	18.37	18.24	20	2
5	16QAM	12	7	18.23	18.41	18.30		
5	16QAM	12	13	18.16	18.28	18.13		
5	16QAM	25	0	18.20	18.32	18.29		
5	64QAM	1	0	18.32	18.32	18.28	20	2
5	64QAM	1	12	18.18	18.28	18.29		
5	64QAM	1	24	18.12	18.25	18.09		
5	64QAM	12	0	17.20	17.33	17.23	19	3
5	64QAM	12	7	17.15	17.28	17.14		
5	64QAM	12	13	17.05	17.21	17.15		
5	64QAM	25	0	17.24	17.26	17.20		
5	256QAM	1	0	15.34	15.48	15.36	17	5
5	256QAM	1	12	15.29	15.34	15.26		
5	256QAM	1	24	15.25	15.36	15.22		
5	256QAM	12	0	15.26	15.35	15.22	17	5
5	256QAM	12	7	15.22	15.25	15.24		
5	256QAM	12	13	15.12	15.23	15.19		
5	256QAM	25	0	15.27	15.24	15.24		

Band 48 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.77	20.84	20.71	20.67	22	0
20	QPSK	1	49	20.71	20.79	20.67	20.62		
20	QPSK	1	99	20.69	20.72	20.59	20.58		
20	QPSK	50	0	20.51	20.64	20.54	20.56	21	1
20	QPSK	50	24	20.55	20.59	20.49	20.55		
20	QPSK	50	50	20.43	20.52	20.42	20.39		
20	QPSK	100	0	20.56	20.61	20.54	20.52		
20	16QAM	1	0	20.49	20.59	20.53	20.45	21	1
20	16QAM	1	49	20.49	20.54	20.47	20.43		
20	16QAM	1	99	20.43	20.47	20.35	20.41		
20	16QAM	50	0	19.51	19.63	19.60	19.54	20	2
20	16QAM	50	24	19.54	19.58	19.52	19.44		
20	16QAM	50	50	19.46	19.51	19.41	19.48		
20	16QAM	100	0	19.46	19.58	19.51	19.55		
20	64QAM	1	0	19.49	19.60	19.54	19.45	20	2
20	64QAM	1	49	19.45	19.55	19.41	19.43		
20	64QAM	1	99	19.36	19.48	19.41	19.40		
20	64QAM	50	0	18.70	18.73	18.67	18.69	19	3
20	64QAM	50	24	18.54	18.68	18.64	18.58		
20	64QAM	50	50	18.51	18.61	18.56	18.52		
20	64QAM	100	0	18.61	18.69	18.56	18.56		
20	256QAM	1	0	16.69	16.74	16.61	16.66	17	5
20	256QAM	1	49	16.66	16.69	16.61	16.65		
20	256QAM	1	99	16.52	16.62	16.48	16.53		
20	256QAM	50	0	16.60	16.66	16.57	16.63	17	5
20	256QAM	50	24	16.52	16.61	16.54	16.55		
20	256QAM	50	50	16.39	16.54	16.41	16.44		
20	256QAM	100	0	16.57	16.61	16.50	16.55		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.71	20.77	20.62	20.59	22	0
15	QPSK	1	37	20.60	20.69	20.60	20.51		
15	QPSK	1	74	20.60	20.62	20.55	20.49		
15	QPSK	36	0	20.48	20.50	20.48	20.47	21	1
15	QPSK	36	20	20.44	20.49	20.45	20.40		
15	QPSK	36	39	20.33	20.40	20.33	20.32		
15	QPSK	75	0	20.42	20.55	20.43	20.46		
15	16QAM	1	0	20.44	20.55	20.44	20.32	21	1
15	16QAM	1	37	20.40	20.50	20.35	20.36		
15	16QAM	1	74	20.34	20.39	20.21	20.28		
15	16QAM	36	0	19.46	19.51	19.45	19.46	20	2
15	16QAM	36	20	19.48	19.51	19.47	19.30		
15	16QAM	36	39	19.39	19.40	19.26	19.41		
15	16QAM	75	0	19.36	19.51	19.36	19.48		
15	64QAM	1	0	19.36	19.53	19.49	19.33	20	2
15	64QAM	1	37	19.41	19.45	19.33	19.36		
15	64QAM	1	74	19.26	19.41	19.29	19.30		
15	64QAM	36	0	18.55	18.67	18.56	18.59	19	3
15	64QAM	36	20	18.47	18.61	18.61	18.51		
15	64QAM	36	39	18.36	18.58	18.49	18.38		
15	64QAM	75	0	18.54	18.54	18.47	18.44		
15	256QAM	1	0	16.61	16.62	16.57	16.56	17	5
15	256QAM	1	37	16.60	16.65	16.47	16.56		
15	256QAM	1	74	16.42	16.48	16.37	16.44		
15	256QAM	36	0	16.52	16.62	16.54	16.58	17	5
15	256QAM	36	20	16.38	16.50	16.49	16.47		
15	256QAM	36	39	16.36	16.48	16.34	16.35		
15	256QAM	75	0	16.50	16.47	16.43	16.50		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.72	20.73	20.64	20.61	22	0
10	QPSK	1	25	20.65	20.66	20.59	20.52		
10	QPSK	1	49	20.59	20.60	20.54	20.52		
10	QPSK	25	0	20.38	20.61	20.47	20.44	21	1
10	QPSK	25	12	20.44	20.56	20.45	20.51		
10	QPSK	25	25	20.37	20.37	20.38	20.29		
10	QPSK	50	0	20.53	20.48	20.50	20.40		
10	16QAM	1	0	20.44	20.51	20.39	20.37	21	1
10	16QAM	1	25	20.40	20.46	20.35	20.33		
10	16QAM	1	49	20.31	20.38	20.29	20.28		
10	16QAM	25	0	19.38	19.50	19.51	19.42	20	2
10	16QAM	25	12	19.41	19.45	19.37	19.37		
10	16QAM	25	25	19.42	19.38	19.28	19.38		
10	16QAM	50	0	19.40	19.47	19.43	19.47		
10	64QAM	1	0	19.42	19.46	19.44	19.38	20	2
10	64QAM	1	25	19.35	19.44	19.35	19.36		
10	64QAM	1	49	19.27	19.33	19.27	19.31		
10	64QAM	25	0	18.64	18.60	18.61	18.62	19	3
10	64QAM	25	12	18.49	18.64	18.54	18.51		
10	64QAM	25	25	18.37	18.48	18.49	18.44		
10	64QAM	50	0	18.47	18.58	18.48	18.50		
10	256QAM	1	0	16.65	16.61	16.58	16.55	17	5
10	256QAM	1	25	16.63	16.58	16.51	16.51		
10	256QAM	1	49	16.40	16.50	16.45	16.41		
10	256QAM	25	0	16.49	16.58	16.42	16.49	17	5
10	256QAM	25	12	16.45	16.51	16.46	16.44		
10	256QAM	25	25	16.36	16.43	16.30	16.31		
10	256QAM	50	0	16.51	16.54	16.43	16.45		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.73	20.81	20.57	20.61	22	0
5	QPSK	1	12	20.62	20.64	20.57	20.51		
5	QPSK	1	24	20.60	20.61	20.50	20.51		
5	QPSK	12	0	20.42	20.53	20.48	20.47	21	1
5	QPSK	12	7	20.47	20.52	20.42	20.48		
5	QPSK	12	13	20.31	20.40	20.35	20.34		
5	QPSK	25	0	20.44	20.57	20.44	20.43		
5	16QAM	1	0	20.36	20.46	20.39	20.34	21	1
5	16QAM	1	12	20.39	20.41	20.43	20.30		
5	16QAM	1	24	20.28	20.39	20.24	20.27		
5	16QAM	12	0	19.39	19.54	19.53	19.47	20	2
5	16QAM	12	7	19.40	19.55	19.45	19.34		
5	16QAM	12	13	19.39	19.40	19.31	19.34		
5	16QAM	25	0	19.42	19.48	19.42	19.43		
5	64QAM	1	0	19.35	19.51	19.42	19.40	20	2
5	64QAM	1	12	19.39	19.41	19.34	19.30		
5	64QAM	1	24	19.27	19.37	19.37	19.29		
5	64QAM	12	0	18.56	18.68	18.53	18.55	19	3
5	64QAM	12	7	18.48	18.61	18.58	18.53		
5	64QAM	12	13	18.46	18.56	18.50	18.46		
5	64QAM	25	0	18.47	18.57	18.50	18.42		
5	256QAM	1	0	16.56	16.66	16.56	16.56	17	5
5	256QAM	1	12	16.60	16.55	16.54	16.55		
5	256QAM	1	24	16.45	16.51	16.40	16.38		
5	256QAM	12	0	16.47	16.60	16.54	16.57	17	5
5	256QAM	12	7	16.48	16.53	16.43	16.51		
5	256QAM	12	13	16.30	16.45	16.27	16.32		
5	256QAM	25	0	16.53	16.49	16.44	16.45		

GSM850 Ant 1	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	32.34	32.26	33.50	23.18	23.34	23.26	24.50
GPRS 1 Tx slot	32.23	32.38	32.30	33.50	23.23	23.38	23.30	24.50
GPRS 2 Tx slots	29.48	29.52	29.41	30.50	23.48	23.52	23.41	24.50
GPRS 3 Tx slots	27.74	27.85	27.79	29.00	23.48	23.59	23.53	24.74
GPRS 4 Tx slots	26.27	26.35	26.27	27.00	23.27	23.35	23.27	24.00
EDGE 1 Tx slot	25.13	25.18	25.08	26.00	16.13	16.18	16.08	17.00
EDGE 2 Tx slots	23.21	23.35	23.21	25.00	17.21	17.35	17.21	19.00
EDGE 3 Tx slots	22.19	22.30	22.27	24.00	17.93	18.04	18.01	19.74
EDGE 4 Tx slots	20.02	20.14	20.07	21.00	17.02	17.14	17.07	18.00

GSM1900 Ant 1	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	29.81	29.93	29.89	30.00	20.81	20.93	20.89	21.00
GPRS 1 Tx slot	29.85	29.97	29.93	30.00	20.85	20.97	20.93	21.00
GPRS 2 Tx slots	25.58	25.62	25.50	27.00	19.58	19.62	19.50	21.00
GPRS 3 Tx slots	23.66	23.69	23.61	25.50	19.40	19.43	19.35	21.24
GPRS 4 Tx slots	21.31	21.41	21.28	22.50	18.31	18.41	18.28	19.50
EDGE 1 Tx slot	23.45	23.54	23.51	25.00	14.45	14.54	14.51	16.00
EDGE 2 Tx slots	21.84	21.91	21.79	23.50	15.84	15.91	15.79	17.50
EDGE 3 Tx slots	20.63	20.69	20.56	22.50	16.37	16.43	16.30	18.24
EDGE 4 Tx slots	18.56	18.66	18.62	20.50	15.56	15.66	15.62	17.50

Band		WCDMA IV Ant 1			Tune-up Limit (dBm)	WCDMA V Ant 1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		4132	4182	4233	
Rx Channel		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.77	20.89	20.80	22.10	22.40	22.46	22.30	24.00
3GPP Rel 99	RMC 12.2Kbps	20.93	21.02	20.88	22.10	22.43	22.49	22.37	24.00
3GPP Rel 6	HSDPA Subtest-1	19.91	19.96	19.80	21.10	21.55	21.60	21.37	23.00
3GPP Rel 6	HSDPA Subtest-2	19.88	19.93	19.77	21.10	21.47	21.50	21.47	23.00
3GPP Rel 6	HSDPA Subtest-3	19.25	19.40	19.49	20.60	20.86	21.05	21.00	22.50
3GPP Rel 6	HSDPA Subtest-4	19.30	19.53	19.31	20.60	20.85	21.15	20.90	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.88	20.09	19.79	21.10	21.47	21.68	21.28	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.90	19.83	19.79	21.10	21.42	21.42	21.34	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.47	19.18	19.34	20.60	21.02	20.85	20.93	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.28	19.15	19.40	20.60	20.82	20.75	20.99	22.50
3GPP Rel 6	HSUPA Subtest-1	19.83	20.01	20.06	21.10	21.51	21.56	21.61	23.00
3GPP Rel 6	HSUPA Subtest-2	17.87	17.88	17.70	19.10	19.41	19.49	19.39	21.00
3GPP Rel 6	HSUPA Subtest-3	18.80	18.91	18.82	20.10	20.54	20.48	20.44	22.00
3GPP Rel 6	HSUPA Subtest-4	17.74	17.82	17.85	19.10	19.37	19.45	19.37	21.00
3GPP Rel 6	HSUPA Subtest-5	20.13	19.64	19.70	21.10	21.58	21.32	21.38	23.00

Band 4 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.63	21.75	21.68	23	0
20	QPSK	1	49	21.59	21.70	21.62		
20	QPSK	1	99	21.54	21.67	21.53		
20	QPSK	50	0	20.95	21.03	20.95		
20	QPSK	50	24	20.92	20.98	20.87	22	1
20	QPSK	50	50	20.78	20.91	20.84		
20	QPSK	100	0	20.93	20.96	20.87		
20	16QAM	1	0	20.75	20.89	20.85		
20	16QAM	1	49	20.76	20.84	20.74	22	1
20	16QAM	1	99	20.65	20.77	20.70		
20	16QAM	50	0	19.89	19.97	19.83		
20	16QAM	50	24	19.83	19.92	19.85	21	2
20	16QAM	50	50	19.74	19.85	19.72		
20	16QAM	100	0	19.89	19.92	19.83		
20	64QAM	1	0	19.75	19.83	19.79		
20	64QAM	1	49	19.65	19.78	19.66	21	2
20	64QAM	1	99	19.56	19.71	19.59		
20	64QAM	50	0	18.90	18.98	18.89		
20	64QAM	50	24	18.83	18.93	18.81	20	3
20	64QAM	50	50	18.74	18.88	18.74		
20	64QAM	100	0	18.77	18.91	18.81		
20	256QAM	1	0	16.92	16.95	16.89		
20	256QAM	1	49	16.82	16.90	16.85	18	5
20	256QAM	1	99	16.70	16.83	16.69		
20	256QAM	50	0	16.72	16.87	16.80		
20	256QAM	50	24	16.73	16.82	16.77	18	5
20	256QAM	50	50	16.67	16.75	16.63		
20	256QAM	100	0	16.76	16.81	16.66		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.56	21.71	21.58	23	0
15	QPSK	1	37	21.54	21.70	21.55		
15	QPSK	1	74	21.45	21.60	21.40		
15	QPSK	36	0	20.80	20.94	20.89		
15	QPSK	36	20	20.83	20.91	20.73	22	1
15	QPSK	36	39	20.70	20.80	20.78		
15	QPSK	75	0	20.79	20.92	20.75		
15	16QAM	1	0	20.72	20.80	20.80		
15	16QAM	1	37	20.64	20.80	20.59	22	1
15	16QAM	1	74	20.51	20.65	20.65		
15	16QAM	36	0	19.84	19.91	19.75		
15	16QAM	36	20	19.70	19.82	19.78	21	2
15	16QAM	36	39	19.70	19.82	19.65		
15	16QAM	75	0	19.82	19.79	19.77		
15	64QAM	1	0	19.70	19.71	19.70		
15	64QAM	1	37	19.53	19.67	19.60	21	2
15	64QAM	1	74	19.48	19.59	19.52		
15	64QAM	36	0	18.80	18.87	18.77		
15	64QAM	36	20	18.77	18.90	18.78	20	3
15	64QAM	36	39	18.64	18.73	18.61		
15	64QAM	75	0	18.74	18.87	18.70		
15	256QAM	1	0	16.81	16.85	16.84		
15	256QAM	1	37	16.78	16.74	16.74	18	5
15	256QAM	1	74	16.62	16.74	16.64		
15	256QAM	36	0	16.62	16.79	16.71		
15	256QAM	36	20	16.63	16.71	16.74	18	5
15	256QAM	36	39	16.61	16.64	16.57		
15	256QAM	75	0	16.63	16.74	16.55		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.49	21.61	21.64	23	0
10	QPSK	1	25	21.53	21.62	21.51		
10	QPSK	1	49	21.42	21.57	21.41		
10	QPSK	25	0	20.85	20.90	20.88		
10	QPSK	25	12	20.85	20.91	20.75	22	1
10	QPSK	25	25	20.65	20.73	20.77		
10	QPSK	50	0	20.89	20.83	20.81		
10	16QAM	1	0	20.71	20.84	20.78		
10	16QAM	1	25	20.64	20.76	20.61	22	1
10	16QAM	1	49	20.63	20.60	20.60		
10	16QAM	25	0	19.78	19.91	19.72		
10	16QAM	25	12	19.76	19.84	19.78	21	2
10	16QAM	25	25	19.68	19.71	19.64		
10	16QAM	50	0	19.83	19.84	19.75		
10	64QAM	1	0	19.71	19.68	19.73		
10	64QAM	1	25	19.50	19.69	19.56	21	2
10	64QAM	1	49	19.45	19.67	19.51		
10	64QAM	25	0	18.78	18.84	18.83		
10	64QAM	25	12	18.80	18.86	18.71	20	3
10	64QAM	25	25	18.68	18.74	18.68		
10	64QAM	50	0	18.73	18.83	18.74		
10	256QAM	1	0	16.81	16.90	16.84		
10	256QAM	1	25	16.73	16.80	16.76	18	5
10	256QAM	1	49	16.58	16.72	16.62		
10	256QAM	25	0	16.57	16.83	16.65		
10	256QAM	25	12	16.69	16.76	16.72	18	5
10	256QAM	25	25	16.56	16.71	16.54		
10	256QAM	50	0	16.67	16.67	16.54		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.56	21.69	21.65	23	0
5	QPSK	1	12	21.48	21.60	21.57		
5	QPSK	1	24	21.48	21.57	21.42		
5	QPSK	12	0	20.80	20.97	20.81		
5	QPSK	12	7	20.86	20.92	20.76	22	1
5	QPSK	12	13	20.64	20.81	20.76		
5	QPSK	25	0	20.87	20.84	20.76		
5	16QAM	1	0	20.64	20.80	20.79		
5	16QAM	1	12	20.68	20.71	20.60	22	1
5	16QAM	1	24	20.56	20.63	20.56		
5	16QAM	12	0	19.81	19.89	19.74		
5	16QAM	12	7	19.76	19.87	19.77	21	2
5	16QAM	12	13	19.70	19.81	19.58		
5	16QAM	25	0	19.79	19.81	19.78		
5	64QAM	1	0	19.71	19.70	19.73		
5	64QAM	1	12	19.58	19.66	19.60	21	2
5	64QAM	1	24	19.48	19.56	19.55		
5	64QAM	12	0	18.84	18.91	18.83		
5	64QAM	12	7	18.72	18.87	18.75	20	3
5	64QAM	12	13	18.62	18.83	18.64		
5	64QAM	25	0	18.72	18.87	18.71		
5	256QAM	1	0	16.87	16.84	16.85		
5	256QAM	1	12	16.71	16.80	16.73	18	5
5	256QAM	1	24	16.67	16.68	16.60		
5	256QAM	12	0	16.70	16.75	16.72		
5	256QAM	12	7	16.68	16.78	16.65	18	5
5	256QAM	12	13	16.59	16.68	16.55		
5	256QAM	25	0	16.64	16.70	16.57		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.49	21.70	21.62	23	0
3	QPSK	1	8	21.52	21.61	21.59		
3	QPSK	1	14	21.45	21.53	21.40		
3	QPSK	8	0	20.89	20.99	20.87		
3	QPSK	8	4	20.82	20.86	20.75	22	1
3	QPSK	8	7	20.68	20.84	20.75		
3	QPSK	15	0	20.86	20.82	20.81		
3	16QAM	1	0	20.66	20.79	20.76		
3	16QAM	1	8	20.68	20.76	20.68	22	1
3	16QAM	1	14	20.57	20.69	20.63		
3	16QAM	8	0	19.75	19.93	19.75		
3	16QAM	8	4	19.70	19.88	19.72	21	2
3	16QAM	8	7	19.68	19.75	19.58		
3	16QAM	15	0	19.81	19.84	19.77		
3	64QAM	1	0	19.71	19.71	19.69		
3	64QAM	1	8	19.54	19.64	19.59	21	2
3	64QAM	1	14	19.51	19.60	19.50		
3	64QAM	8	0	18.84	18.85	18.84		
3	64QAM	8	4	18.77	18.81	18.73	20	3
3	64QAM	8	7	18.66	18.72	18.70		
3	64QAM	15	0	18.70	18.78	18.68		
3	256QAM	1	0	16.83	16.92	16.84		
3	256QAM	1	8	16.71	16.78	16.74	18	5
3	256QAM	1	14	16.62	16.79	16.59		
3	256QAM	8	0	16.62	16.77	16.72		
3	256QAM	8	4	16.67	16.76	16.64	18	5
3	256QAM	8	7	16.59	16.65	16.57		
3	256QAM	15	0	16.66	16.74	16.51		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.51	21.71	21.57	23	0
1.4	QPSK	1	3	21.56	21.58	21.52		
1.4	QPSK	1	5	21.45	21.50	21.42		
1.4	QPSK	3	0	21.54	21.62	21.55		
1.4	QPSK	3	1	21.50	21.57	21.55		
1.4	QPSK	3	3	21.50	21.52	21.41		
1.4	QPSK	6	0	20.82	20.98	20.81	22	1
1.4	16QAM	1	0	20.84	20.92	20.83	22	1
1.4	16QAM	1	3	20.67	20.86	20.73		
1.4	16QAM	1	5	20.88	20.81	20.78		
1.4	16QAM	3	0	20.71	20.83	20.75		
1.4	16QAM	3	1	20.70	20.76	20.62		
1.4	16QAM	3	3	20.52	20.74	20.57		
1.4	16QAM	6	0	19.79	19.93	19.76	21	2
1.4	64QAM	1	0	19.77	19.87	19.73	21	2
1.4	64QAM	1	3	19.60	19.74	19.65		
1.4	64QAM	1	5	19.76	19.85	19.79		
1.4	64QAM	3	0	19.71	19.72	19.69		
1.4	64QAM	3	1	19.58	19.69	19.62		
1.4	64QAM	3	3	19.50	19.57	19.53		
1.4	64QAM	6	0	18.83	18.95	18.78	20	3
1.4	256QAM	1	0	16.89	16.84	16.78	18	5
1.4	256QAM	1	3	16.79	16.79	16.81		
1.4	256QAM	1	5	16.63	16.70	16.60		
1.4	256QAM	3	0	16.68	16.82	16.66		
1.4	256QAM	3	1	16.65	16.73	16.68		
1.4	256QAM	3	3	16.52	16.66	16.52		
1.4	256QAM	6	0	16.72	16.70	16.51	18	5

Band 5 Ant 1

BW [MHz]	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	21.31	21.26	22	0
10	QPSK	1	25	21.16	21.28	21.20		
10	QPSK	1	49	21.08	21.15	21.12		
10	QPSK	25	0	20.29	20.34	20.23		
10	QPSK	25	12	20.21	20.29	20.16	21	1
10	QPSK	25	25	20.15	20.22	20.17		
10	QPSK	50	0	20.16	20.25	20.15		
10	16QAM	1	0	20.13	20.21	20.08		
10	16QAM	1	25	20.01	20.16	20.13	21	1
10	16QAM	1	49	20.03	20.09	20.00		
10	16QAM	25	0	19.30	19.42	19.30		
10	16QAM	25	12	19.30	19.37	19.32	20	2
10	16QAM	25	25	19.26	19.30	19.23		
10	16QAM	50	0	19.26	19.37	19.27		
10	64QAM	1	0	19.22	19.33	19.24		
10	64QAM	1	25	19.16	19.28	19.21	20	2
10	64QAM	1	49	19.09	19.21	19.08		
10	64QAM	25	0	18.37	18.44	18.36		
10	64QAM	25	12	18.26	18.39	18.31	19	3
10	64QAM	25	25	18.26	18.32	18.17		
10	64QAM	50	0	18.36	18.40	18.30		
10	256QAM	1	0	16.37	16.47	16.32		
10	256QAM	1	25	16.30	16.42	16.30	17	5
10	256QAM	1	49	16.24	16.35	16.27		
10	256QAM	25	0	16.36	16.42	16.33		
10	256QAM	25	12	16.31	16.37	16.30	17	5
10	256QAM	25	25	16.15	16.30	16.21		
10	256QAM	50	0	16.28	16.35	16.22		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.11	21.24	21.22	22	0
5	QPSK	1	12	21.07	21.16	21.05		
5	QPSK	1	24	20.99	21.04	21.08		
5	QPSK	12	0	20.20	20.31	20.10	21	1
5	QPSK	12	7	20.18	20.15	20.12		
5	QPSK	12	13	20.09	20.15	20.09		
5	QPSK	25	0	20.03	20.21	20.05		
5	16QAM	1	0	20.07	20.13	20.03	21	1
5	16QAM	1	12	19.88	20.04	20.06		
5	16QAM	1	24	19.93	20.02	19.96		
5	16QAM	12	0	19.21	19.35	19.19	20	2
5	16QAM	12	7	19.22	19.29	19.19		
5	16QAM	12	13	19.23	19.26	19.17		
5	16QAM	25	0	19.11	19.23	19.13		
5	64QAM	1	0	19.21	19.23	19.21	20	2
5	64QAM	1	12	19.03	19.16	19.13		
5	64QAM	1	24	19.00	19.16	18.94		
5	64QAM	12	0	18.33	18.34	18.28	19	3
5	64QAM	12	7	18.11	18.36	18.18		
5	64QAM	12	13	18.20	18.22	18.03		
5	64QAM	25	0	18.29	18.35	18.16		
5	256QAM	1	0	16.24	16.39	16.26	17	5
5	256QAM	1	12	16.20	16.27	16.23		
5	256QAM	1	24	16.20	16.29	16.20		
5	256QAM	12	0	16.31	16.32	16.27	17	5
5	256QAM	12	7	16.25	16.24	16.24		
5	256QAM	12	13	16.09	16.19	16.12		
5	256QAM	25	0	16.15	16.20	16.12		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.16	21.27	21.16	22	0
3	QPSK	1	8	21.11	21.21	21.09		
3	QPSK	1	14	20.95	21.00	21.03		
3	QPSK	8	0	20.24	20.29	20.18	21	1
3	QPSK	8	4	20.13	20.25	20.09		
3	QPSK	8	7	20.06	20.15	20.11		
3	QPSK	15	0	20.01	20.19	20.02		
3	16QAM	1	0	20.00	20.17	19.95	21	1
3	16QAM	1	8	19.90	20.08	20.10		
3	16QAM	1	14	19.88	19.99	19.89		
3	16QAM	8	0	19.26	19.33	19.19	20	2
3	16QAM	8	4	19.26	19.23	19.19		
3	16QAM	8	7	19.12	19.18	19.10		
3	16QAM	15	0	19.15	19.25	19.20		
3	64QAM	1	0	19.18	19.29	19.11	20	2
3	64QAM	1	8	19.02	19.17	19.15		
3	64QAM	1	14	19.00	19.18	18.97		
3	64QAM	8	0	18.32	18.38	18.29	19	3
3	64QAM	8	4	18.14	18.30	18.19		
3	64QAM	8	7	18.12	18.22	18.14		
3	64QAM	15	0	18.31	18.25	18.20		
3	256QAM	1	0	16.23	16.35	16.21	17	5
3	256QAM	1	8	16.18	16.34	16.27		
3	256QAM	1	14	16.13	16.30	16.14		
3	256QAM	8	0	16.23	16.37	16.27	17	5
3	256QAM	8	4	16.19	16.23	16.16		
3	256QAM	8	7	16.03	16.19	16.12		
3	256QAM	15	0	16.20	16.31	16.14		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.14	21.17	21.23	22	0
1.4	QPSK	1	3	21.11	21.18	21.16		
1.4	QPSK	1	5	21.00	21.12	20.98		
1.4	QPSK	3	0	21.09	21.11	21.06		
1.4	QPSK	3	1	21.08	21.01	20.96		
1.4	QPSK	3	3	20.85	20.95	20.94		
1.4	QPSK	6	0	20.24	20.28	20.18	21	1
1.4	16QAM	1	0	20.09	20.26	20.09	21	1
1.4	16QAM	1	3	20.09	20.09	20.12		
1.4	16QAM	1	5	20.05	20.22	20.05		
1.4	16QAM	3	0	20.02	20.08	19.96		
1.4	16QAM	3	1	19.97	20.09	20.07		
1.4	16QAM	3	3	19.97	20.00	19.93		
1.4	16QAM	6	0	19.20	19.36	19.23	20	2
1.4	64QAM	1	0	19.17	19.32	19.17	20	2
1.4	64QAM	1	3	19.14	19.16	19.15		
1.4	64QAM	1	5	19.18	19.31	19.20		
1.4	64QAM	3	0	19.17	19.25	19.16		
1.4	64QAM	3	1	19.13	19.13	19.06		
1.4	64QAM	3	3	18.98	19.09	18.97		
1.4	64QAM	6	0	18.26	18.38	18.27	19	3
1.4	256QAM	1	0	16.33	16.37	16.27	17	5
1.4	256QAM	1	3	16.23	16.33	16.21		
1.4	256QAM	1	5	16.20	16.21	16.15		
1.4	256QAM	3	0	16.24	16.32	16.21		
1.4	256QAM	3	1	16.27	16.27	16.26		
1.4	256QAM	3	3	16.00	16.27	16.13		
1.4	256QAM	6	0	16.14	16.23	16.16	17	5

Band 7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.70	21.88	21.85	22.5	0
20	QPSK	1	49	21.70	21.74	21.67		
20	QPSK	1	99	21.57	21.75	21.61		
20	QPSK	50	0	21.28	21.39	21.32		
20	QPSK	50	24	21.30	21.34	21.26	22	0.5
20	QPSK	50	50	21.19	21.27	21.14		
20	QPSK	100	0	21.23	21.35	21.29		
20	16QAM	1	0	21.23	21.31	21.21		
20	16QAM	1	49	21.15	21.26	21.15	22	0.5
20	16QAM	1	99	21.06	21.19	21.14		
20	16QAM	50	0	20.22	20.35	20.23		
20	16QAM	50	24	20.19	20.30	20.16	21	1.5
20	16QAM	50	50	20.20	20.23	20.11		
20	16QAM	100	0	20.21	20.28	20.23		
20	64QAM	1	0	20.11	20.23	20.10		
20	64QAM	1	49	20.12	20.18	20.08	21	1.5
20	64QAM	1	99	20.08	20.11	20.00		
20	64QAM	50	0	19.21	19.36	19.29		
20	64QAM	50	24	19.17	19.31	19.21	20	2.5
20	64QAM	50	50	19.19	19.24	19.21		
20	64QAM	100	0	19.28	19.32	19.22		
20	256QAM	1	0	17.27	17.41	17.38		
20	256QAM	1	49	17.30	17.36	17.32	18	4.5
20	256QAM	1	99	17.22	17.29	17.16		
20	256QAM	50	0	17.23	17.38	17.29		
20	256QAM	50	24	17.25	17.33	17.28	18	4.5
20	256QAM	50	50	17.20	17.26	17.18		
20	256QAM	100	0	17.19	17.33	17.23		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.61	21.72	21.78	22.5	0
15	QPSK	1	37	21.55	21.71	21.53		
15	QPSK	1	74	21.52	21.61	21.50		
15	QPSK	36	0	21.24	21.26	21.20	22	0.5
15	QPSK	36	20	21.20	21.22	21.18		
15	QPSK	36	39	21.05	21.22	21.04		
15	QPSK	75	0	21.18	21.30	21.21		
15	16QAM	1	0	21.13	21.21	21.14	22	0.5
15	16QAM	1	37	21.05	21.19	21.05		
15	16QAM	1	74	20.92	21.10	21.04		
15	16QAM	36	0	20.07	20.27	20.12	21	1.5
15	16QAM	36	20	20.09	20.20	20.11		
15	16QAM	36	39	20.11	20.12	20.08		
15	16QAM	75	0	20.13	20.19	20.18		
15	64QAM	1	0	20.05	20.17	20.01	21	1.5
15	64QAM	1	37	19.99	20.13	20.05		
15	64QAM	1	74	19.98	20.07	19.91		
15	64QAM	36	0	19.17	19.25	19.16	20	2.5
15	64QAM	36	20	19.03	19.19	19.06		
15	64QAM	36	39	19.15	19.17	19.07		
15	64QAM	75	0	19.23	19.17	19.19		
15	256QAM	1	0	17.15	17.26	17.29	18	4.5
15	256QAM	1	37	17.25	17.28	17.28		
15	256QAM	1	74	17.09	17.19	17.10		
15	256QAM	36	0	17.14	17.35	17.15	18	4.5
15	256QAM	36	20	17.22	17.18	17.16		
15	256QAM	36	39	17.08	17.13	17.08		
15	256QAM	75	0	17.09	17.25	17.16		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.61	21.75	21.70	22.5	0
10	QPSK	1	25	21.61	21.64	21.63		
10	QPSK	1	49	21.48	21.68	21.50		
10	QPSK	25	0	21.14	21.33	21.18	22	0.5
10	QPSK	25	12	21.18	21.20	21.21		
10	QPSK	25	25	21.07	21.20	20.99		
10	QPSK	50	0	21.20	21.26	21.16		
10	16QAM	1	0	21.20	21.23	21.10	22	0.5
10	16QAM	1	25	21.02	21.21	21.09		
10	16QAM	1	49	20.98	21.15	21.06		
10	16QAM	25	0	20.13	20.25	20.16	21	1.5
10	16QAM	25	12	20.14	20.26	20.13		
10	16QAM	25	25	20.09	20.14	19.99		
10	16QAM	50	0

Band 13 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.31		23	0
10	QPSK	1	25		21.26			
10	QPSK	1	49		21.23			
10	QPSK	25	0		20.43		22	1
10	QPSK	25	12		20.38			
10	QPSK	25	25		20.33			
10	QPSK	50	0		20.38			
10	16QAM	1	0		20.32		22	1
10	16QAM	1	25		20.27			
10	16QAM	1	49		20.24			
10	16QAM	25	0		19.53		21	2
10	16QAM	25	12		19.48			
10	16QAM	25	25		19.36			
10	16QAM	50	0		19.47			
10	64QAM	1	0		19.40		21	2
10	64QAM	1	25		19.35			
10	64QAM	1	49		19.22			
10	64QAM	25	0		18.48		20	3
10	64QAM	25	12		18.43			
10	64QAM	25	25		18.39			
10	64QAM	50	0		18.41			
10	256QAM	1	0		16.50		18	5
10	256QAM	1	25		16.45			
10	256QAM	1	49		16.37			
10	256QAM	25	0		16.45		18	5
10	256QAM	25	12		16.40			
10	256QAM	25	25		16.36			
10	256QAM	50	0		16.42			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.20	21.27	21.13	23	0
5	QPSK	1	12	21.15	21.20	21.11		
5	QPSK	1	24	21.22	21.29	21.20		
5	QPSK	12	0	20.19	20.30	20.16	22	1
5	QPSK	12	7	20.23	20.30	20.24		
5	QPSK	12	13	20.26	20.29	20.25		
5	QPSK	25	0	20.25	20.32	20.29		
5	16QAM	1	0	20.24	20.29	20.18	22	1
5	16QAM	1	12	20.14	20.19	20.13		
5	16QAM	1	24	20.02	20.11	20.06		
5	16QAM	12	0	19.30	19.42	19.37	21	2
5	16QAM	12	7	19.38	19.44	19.36		
5	16QAM	12	13	19.14	19.22	19.15		
5	16QAM	25	0	19.30	19.44	19.30		
5	64QAM	1	0	19.13	19.28	19.21	21	2
5	64QAM	1	12	19.21	19.25	19.15		
5	64QAM	1	24	19.03	19.11	19.07		
5	64QAM	12	0	18.35	18.44	18.40	20	3
5	64QAM	12	7	18.31	18.36	18.22		
5	64QAM	12	13	18.31	18.36	18.24		
5	64QAM	25	0	18.24	18.37	18.25		
5	256QAM	1	0	16.33	16.38	16.29	18	5
5	256QAM	1	12	16.31	16.35	16.30		
5	256QAM	1	24	16.17	16.28	16.22		
5	256QAM	12	0	16.28	16.39	16.35	18	5
5	256QAM	12	7	16.22	16.36	16.24		
5	256QAM	12	13	16.19	16.27	16.15		
5	256QAM	25	0	16.16	16.27	16.21		

Band 17 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.61	21.65	21.57	23	0
10	QPSK	1	25	21.55	21.64	21.63		
10	QPSK	1	49	21.59	21.62	21.54		
10	QPSK	25	0	20.68	20.72	20.67	22	1
10	QPSK	25	12	20.57	20.67	20.59		
10	QPSK	25	25	20.53	20.60	20.48		
10	QPSK	50	0	20.53	20.66	20.53		
10	16QAM	1	0	20.46	20.59	20.48	22	1
10	16QAM	1	25	20.39	20.54	20.46		
10	16QAM	1	49	20.42	20.47	20.38		
10	16QAM	25	0	19.62	19.68	19.62	21	2
10	16QAM	25	12	19.55	19.63	19.49		
10	16QAM	25	25	19.52	19.56	19.44		
10	16QAM	50	0	19.56	19.62	19.55		
10	64QAM	1	0	19.42	19.55	19.43	21	2
10	64QAM	1	25	19.43	19.50	19.35		
10	64QAM	1	49	19.33	19.43	19.30		
10	64QAM	25	0	18.69	18.76	18.69	20	3
10	64QAM	25	12	18.62	18.71	18.59		
10	64QAM	25	25	18.51	18.64	18.53		
10	64QAM	50	0	18.58	18.71	18.60		
10	256QAM	1	0	16.67	16.77	16.65	18	5
10	256QAM	1	25	16.65	16.72	16.62		
10	256QAM	1	49	16.55	16.65	16.59		
10	256QAM	25	0	16.64	16.72	16.62	18	5
10	256QAM	25	12	16.53	16.67	16.57		
10	256QAM	25	25	16.50	16.60	16.50		
10	256QAM	50	0	16.61	16.65	16.60		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.47	21.58	21.41	23	0
5	QPSK	1	12	21.38	21.37	21.31		
5	QPSK	1	24	21.42	21.43	21.33		
5	QPSK	12	0	20.59	20.62	20.55	22	1
5	QPSK	12	7	20.54	20.53	20.54		
5	QPSK	12	13	20.48	20.54	20.44		
5	QPSK	25	0	20.49	20.56	20.49		
5	16QAM	1	0	20.34	20.48	20.34	22	1
5	16QAM	1	12	20.32	20.49	20.41		
5	16QAM	1	24	20.39	20.39	20.25		
5	16QAM	12	0	19.51	19.54	19.56	21	2
5	16QAM	12	7	19.45	19.48	19.36		
5	16QAM	12	13	19.46	19.46	19.39		
5	16QAM	25	0	19.43	19.52	19.43		
5	64QAM	1	0	19.36	19.41	19.31	21	2
5	64QAM	1	12	19.32	19.37	19.28		
5	64QAM	1	24	19.24	19.29	19.18		
5	64QAM	12	0	18.56	18.68	18.66	20	3
5	64QAM	12	7	18.50	18.65	18.51		
5	64QAM	12	13	18.37	18.52	18.42		
5	64QAM	25	0	18.46	18.60	18.48		
5	256QAM	1	0	16.55	16.63	16.50	18	5
5	256QAM	1	12	16.57	16.66	16.52		
5	256QAM	1	24	16.40	16.59	16.50		
5	256QAM	12	0	16.51	16.63	16.55	18	5
5	256QAM	12	7	16.43	16.56	16.53		
5	256QAM	12	13	16.41	16.52	16.49		
5	256QAM	25	0	16.52	16.54	16.57		

Band 26 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.32	21.38	21.29	22	0
15	QPSK	1	37	21.17	21.27	21.14		
15	QPSK	1	74	21.14	21.26	21.10		
15	QPSK	36	0	20.28	20.32	20.28	21	1
15	QPSK	36	20	20.21	20.27	20.14		
15	QPSK	36	39	20.17	20.20	20.12		
15	QPSK	75	0	20.24	20.27	20.17		
15	16QAM	1	0	20.19	20.22	20.19	21	1
15	16QAM	1	37	20.10	20.17	20.13		
15	16QAM	1	74	19.99	20.10	20.04		
15	16QAM	36	0	19.24	19.27	19.22	20	2
15	16QAM	36	20	19.26	19.32	19.22		
15	16QAM	36	39	19.14	19.25	19.13		
15	16QAM	75	0	19.20	19.30	19.21		
15	64QAM	1	0	19.16	19.23	19.15	20	2
15	64QAM	1	37	19.15	19.18	19.04		
15	64QAM	1	74	19.05	19.11	19.00		
15	64QAM	36	0	18.25	18.36	18.22	19	3
15	64QAM	36	20	18.19	18.31	18.17		
15	64QAM	36	39	18.13	18.24	18.14		
15	64QAM	75	0	18.19	18.32	18.29	17	5
15	256QAM	1	0	16.31	16.38	16.30		
15	256QAM	1	37	16.28	16.33	16.28		
15	256QAM	1	74	16.16	16.26	16.13		
15	256QAM	36	0	16.26	16.33	16.19	17	5
15	256QAM	36	20	16.17	16.28	16.21		
15	256QAM	36	39	16.11	16.21	16.17		
15	256QAM	75	0	16.15	16.26	16.22		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.20	21.26	21.26	22	0
10	QPSK	1	25	21.13	21.19	21.15		
10	QPSK	1	49	21.10	21.14	21.04		
10	QPSK	25	0	20.24	20.20	20.24	21	1
10	QPSK	25	12	20.17	20.23	19.99		
10	QPSK	25	25	20.03	20.12	20.06		
10	QPSK	50	0	20.14	20.15	20.02		
10	16QAM	1	0	20.07	20.18	20.04	21	1
10	16QAM	1	25	20.05	20.08	20.07		
10	16QAM	1	49	19.88	20.00	19.95		
10	16QAM	25	0	19.18	19.31	19.10	20	2
10	16QAM	25	12	19.12	19.23	19.17		
10	16QAM	25	25	19.08	19.15	19.03		
10	16QAM	50	0	19.09	19.27	19.13		
10	64QAM	1	0	19.01	19.17	19.02	20	2
10	64QAM	1	25	19.11	19.13	18.98		
10	64QAM	1	49	18.91	19.07	18.97		
10	64QAM	25	0	18.19	18.31	18.10	19	3
10	64QAM	25	12	18.09	18.24	18.05		
10	64QAM	25	25	18.06	18.19	18.07		
10	64QAM	50	0	18.07	18.22	18.23		
10	256QAM	1	0	16.24	16.27	16.19	17	5
10	256QAM	1	25	16.17	16.27	16.23		
10	256QAM	1	49	16.05	16.18	16.05		
10	256QAM	25	0	16.22	16.24	16.05	17	5
10	256QAM	25	12	16.09	16.23	16.16		
10	256QAM	25	25	16.03	16.06	15.94		
10	256QAM	50	0	16.06	16.22	16.08		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.19	21.24	21.20	22	0
5	QPSK	1	12	21.11	21.12	21.05		
5	QPSK	1	24	21.09	21.09	20.96		
5	QPSK	12	0	20.24	20.26	20.23	21	1
5	QPSK	12	7	20.17	20.13	20.09		
5	QPSK	12	13	20.07	20.11	20.04		
5	QPSK	25	0	20.14	20.12	20.13		
5	16QAM	1	0	20.10	20.17	20.08	21	1
5	16QAM	1	12	19.96	20.09	20.05		
5	16QAM	1	24	19.85	20.04	19.91		
5	16QAM	12	0	19.21	19.25	19.13	20	2
5	16QAM	12	7	19.14	19.21	19.19		
5	16QAM	12	13	19.09	19.14	19.06		
5	16QAM	25	0	19.16	19.18	19.07		
5	64QAM	1	0	19.11	19.15	19.06	20	2
5	64QAM	1	12	19.00	19.09	18.92		
5	64QAM	1	24	19.00	18.98	18.92		
5	64QAM	12	0	18.16	18.26	18.13	19	3
5	64QAM	12	7	18.09	18.26	18.11		
5	64QAM	12	13	17.98	18.15	18.03		
5	64QAM	25	0	18.10	18.22	18.18		
5	256QAM	1	0	16.24	16.34	16.17	17	5
5	256QAM	1	12	16.18	16.27	16.17		
5	256QAM	1	24	16.11	16.20	16.00		
5	256QAM	12	0	16.22	16.19	16.06	17	5
5	256QAM	12	7	16.13	16.17	16.09		
5	256QAM	12	13	16.01	16.12	15.92		
5	256QAM	25	0	16.03	16.20	16.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.23	21.32	21.17	22	0
3	QPSK	1	8	21.07	21.20	21.08		
3	QPSK	1	14	21.09	21.15	20.96		
3	QPSK	8	0	20.16	20.20	20.16	21	1
3	QPSK	8	4	20.09	20.12	20.05		
3	QPSK	8	7	20.09	20.10	20.02		
3	QPSK	15	0	20.19	20.20	20.07		
3	16QAM	1	0	20.15	20.18	20.04	21	1
3	16QAM	1	8	20.03	20.06	20.07		
3	16QAM	1	14	19.95	19.96	20.01		
3	16QAM	8	0	19.13	19.33	19.12	20	2
3	16QAM	8	4	19.23	19.24	19.10		
3	16QAM	8	7	18.99	19.12	18.99		
3	16QAM	15	0	19.10	19.25	19.09		
3	64QAM	1	0	19.11	19.14	19.05	20	2
3	64QAM	1	8	19.06	19.03	18.92		
3	64QAM	1	14	18.93	18.97	18.91		
3	64QAM	8	0	18.11	18.31	18.19	19	3
3	64QAM	8	4	18.10	18.18	18.03		
3	64QAM	8	7	18.03	18.17	18.03		
3	64QAM	15	0	18.04	18.29	18.15		
3	256QAM	1	0	16.25	16.26	16.24	17	5
3	256QAM	1	8	16.23	16.21	16.21		
3	256QAM	1	14	16.03	16.23	16.01		
3	256QAM	8	0	16.23	16.22	16.15	17	5
3	256QAM	8	4	16.02	16.22	16.06		
3	256QAM	8	7	16.02	16.12	15.92		
3	256QAM	15	0	16.08	16.12	16.14		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.20	21.28	21.17	22	0
1.4	QPSK	1	3	21.11	21.21	21.01		
1.4	QPSK	1	5	21.04	21.14	21.02		
1.4	QPSK	3	0	21.05	21.26	21.04		
1.4	QPSK	3	1	21.09	21.08	21.04		
1.4	QPSK	3	3	20.99	21.14	21.03		
1.4	QPSK	6	0	20.15	20.21	20.21	21	1
1.4	16QAM	1	0	20.09	20.19	20.03	21	1
1.4	16QAM	1	3	20.08	20.06	20.09		
1.4	16QAM	1	5	20.16	20.16	20.10		
1.4	16QAM	3	0	20.07	20.15	20.08		
1.4	16QAM	3	1	20.03	20.05	20.06		
1.4	16QAM	3	3	19.85	19.96	19.96		
1.4	16QAM	6	0	19.10	19.25	19.10	20	2
1.4	64QAM	1	0	19.11	19.18	19.16	20	2
1.4	64QAM	1	3	19.09	19.10	19.07		
1.4	64QAM	1	5	19.13	19.19	19.15		
1.4	64QAM	3	0	19.10	19.08	19.06		
1.4	64QAM	3	1	19.08	19.12	18.93		
1.4	64QAM	3	3	18.98	19.00	18.90		
1.4	64QAM	6	0	18.15	18.25	18.16	19	3
1.4	256QAM	1	0	16.20	16.30	16.16	17	5
1.4	256QAM	1	3	16.19	16.24	16.23		
1.4	256QAM	1	5	16.11	16.18	16.02		
1.4	256QAM	3	0	16.23	16.25	16.09		
1.4	256QAM	3	1	16.09	16.17	16.07		
1.4	256QAM	3	3	16.00	16.08	15.99		
1.4	256QAM	6	0	16.04	16.21	16.11	17	5

Band 66 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.72	21.83	21.76	23	0
20	QPSK	1	49	21.67	21.78	21.71		
20	QPSK	1	99	21.58	21.71	21.67		
20	QPSK	50	0	20.77	20.85	20.82	22	1
20	QPSK	50	24	20.66	20.80	20.73		
20	QPSK	50	50	20.68	20.73	20.59		
20	QPSK	100	0	20.65	20.77	20.72		
20	16QAM	1	0	20.69	20.74	20.66	22	1
20	16QAM	1	49	20.57	20.69	20.56		
20	16QAM	1	99	20.56	20.62	20.55		
20	16QAM	50	0	19.64	19.78	19.68	21	2
20	16QAM	50	24	19.63	19.73	19.63		
20	16QAM	50	50	19.63	19.66	19.61		
20	16QAM	100	0	19.64	19.71	19.68		
20	64QAM	1	0	19.52	19.64	19.49	21	2
20	64QAM	1	49	19.51	19.59	19.52		
20	64QAM	1	99	19.45	19.52	19.41		
20	64QAM	50	0	18.61	18.69	18.54	20	3
20	64QAM	50	24	18.58	18.64	18.61		
20	64QAM	50	50	18.53	18.57	18.51		
20	64QAM	100	0	18.52	18.62	18.54		
20	256QAM	1	0	16.61	16.75	16.64	18	5
20	256QAM	1	49	16.65	16.70	16.65		
20	256QAM	1	99	16.48	16.63	16.57		
20	256QAM	50	0	16.62	16.71	16.66	18	5
20	256QAM	50	24	16.60	16.66	16.55		
20	256QAM	50	50	16.49	16.59	16.45		
20	256QAM	100	0	16.61	16.68	16.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.59	21.72	21.67	23	0
15	QPSK	1	37	21.48	21.69	21.63		
15	QPSK	1	74	21.54	21.58	21.62		
15	QPSK	36	0	20.74	20.79	20.75	22	1
15	QPSK	36	20	20.58	20.68	20.66		
15	QPSK	36	39	20.55	20.62	20.55		
15	QPSK	75	0	20.52	20.70	20.69		
15	16QAM	1	0	20.65	20.68	20.53	22	1
15	16QAM	1	37	20.48	20.55	20.49		
15	16QAM	1	74	20.45	20.51	20.45		
15	16QAM	36	0	19.50	19.74	19.61	21	2
15	16QAM	36	20	19.53	19.60	19.53		
15	16QAM	36	39	19.52	19.60	19.57		
15	16QAM	75	0	19.52	19.61	19.58		
15	64QAM	1	0	19.42	19.55	19.40	21	2
15	64QAM	1	37	19.43	19.51	19.40		
15	64QAM	1	74	19.35	19.39	19.30		
15	64QAM	36	0	18.56	18.57	18.42	20	3
15	64QAM	36	20	18.52	18.58	18.50		
15	64QAM	36	39	18.48	18.50	18.42		
15	64QAM	75	0	18.48	18.59	18.48		
15	256QAM	1	0	16.55	16.66	16.50	18	5
15	256QAM	1	37	16.62	16.65	16.61		
15	256QAM	1	74	16.38	16.55	16.49		
15	256QAM	36	0	16.56	16.58	16.55	18	5
15	256QAM	36	20	16.56	16.54	16.47		
15	256QAM	36	39	16.39	16.50	16.32		
15	256QAM	75	0	16.50	16.55	16.47		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.65	21.80	21.60	23	0
10	QPSK	1	25	21.55	21.72	21.66		
10	QPSK	1	49	21.54	21.64	21.60		
10	QPSK	25	0	20.64	20.76	20.77	22	1
10	QPSK	25	12	20.55	20.72	20.66		
10	QPSK	25	25	20.57	20.70	20.56		
10	QPSK	50	0	20.51	20.66	20.58		
10	16QAM	1	0	20.64	20.59	20.51	22	1
10	16QAM	1	25	20.51	20.59	20.43		
10	16QAM	1	49	20.50	20.51	20.49		
10	16QAM	25	0	19.52	19.64	19.59	21	2
10	16QAM	25	12	19.51	19.63	19.59		
10	16QAM	25	25	19.59	19.62	19.57		
10	16QAM	50	0	19.60	19.63	19.60		
10	64QAM	1	0	19.38	19.61	19.40	21	2
10	64QAM	1	25	19.48	19.48	19.41		
10	64QAM	1	49	19.38	19.42	19.30		
10	64QAM	25	0	18.50	18.55	18.47	20	3
10	64QAM	25	12	18.48	18.60	18.49		
10	64QAM	25	25	18.41	18.47	18.45		
10	64QAM	50	0	18.44	18.56	18.48		
10	256QAM	1	0	16.58	16.64	16.60	18	5
10	256QAM	1	25	16.58	16.66	16.58		
10	256QAM	1	49	16.41	16.53	16.53		
10	256QAM	25	0	16.54	16.58	16.61	18	5
10	256QAM	25	12	16.48	16.59	16.49		
10	256QAM	25	25	16.46	16.46	16.41		
10	256QAM	50	0	16.57	16.54	16.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.64	21.77	21.72	23	0
5	QPSK	1	12	21.60	21.70	21.62		
5	QPSK	1	24	21.46	21.57	21.63		
5	QPSK	12	0	20.64	20.78	20.73	22	1
5	QPSK	12	7	20.63	20.70	20.59		
5	QPSK	12	13	20.60	20.62	20.45		
5	QPSK	25	0	20.57	20.71	20.60		
5	16QAM	1	0	20.59	20.68	20.60	22	1
5	16QAM	1	12	20.47	20.60	20.49		
5	16QAM	1	24	20.53	20.54	20.50		
5	16QAM	12	0	19.50	19.66	19.55	21	2
5	16QAM	12	7	19.53	19.59	19.51		
5	16QAM	12	13	19.56	19.58	19.58		
5	16QAM	25	0	19.55	19.60	19.64		
5	64QAM	1	0	19.39	19.53	19.39	21	2
5	64QAM	1	12	19.36	19.46	19.43		
5	64QAM	1	24	19.36	19.43	19.35		
5	64QAM	12	0	18.49	18.55	18.41	20	3
5	64QAM	12	7	18.55	18.61	18.51		
5	64QAM	12	13	18.41	18.43	18.39		
5	64QAM	25	0	18.48	18.53	18.46		

Band 38 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.41	22.53	22.49	24	0
20	QPSK	1	49	22.32	22.35	22.39		
20	QPSK	1	99	22.25	22.32	22.29		
20	QPSK	50	0	21.48	21.53	21.47	23	1
20	QPSK	50	24	21.36	21.45	21.40		
20	QPSK	50	50	21.31	21.41	21.31		
20	QPSK	100	0	21.37	21.48	21.34		
20	16QAM	1	0	21.32	21.38	21.36	23	1
20	16QAM	1	49	21.28	21.43	21.31		
20	16QAM	1	99	21.30	21.35	21.16		
20	16QAM	50	0	20.41	20.54	20.36	22	2
20	16QAM	50	24	20.34	20.39	20.33		
20	16QAM	50	50	20.20	20.37	20.29		
20	16QAM	100	0	20.39	20.40	20.42		
20	64QAM	1	0	20.28	20.41	20.40	22	2
20	64QAM	1	49	20.26	20.31	20.34		
20	64QAM	1	99	20.29	20.33	20.14		
20	64QAM	50	0	19.34	19.49	19.38	21	3
20	64QAM	50	24	19.41	19.46	19.29		
20	64QAM	50	50	19.26	19.45	19.30		
20	64QAM	100	0	19.34	19.43	19.44		
20	256QAM	1	0	17.42	17.47	17.34	19	5
20	256QAM	1	49	17.32	17.44	17.31		
20	256QAM	1	99	17.20	17.34	17.23		
20	256QAM	50	0	17.28	17.36	17.33	19	5
20	256QAM	50	24	17.20	17.40	17.27		
20	256QAM	50	50	17.18	17.27	17.12		
20	256QAM	100	0	17.30	17.35	17.17		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.26	22.49	22.41	24	0
15	QPSK	1	37	22.19	22.23	22.30		
15	QPSK	1	74	22.12	22.20	22.21		
15	QPSK	36	0	21.40	21.42	21.36	23	1
15	QPSK	36	20	21.25	21.35	21.31		
15	QPSK	36	39	21.20	21.36	21.17		
15	QPSK	75	0	21.23	21.42	21.29		
15	16QAM	1	0	21.27	21.28	21.25	23	1
15	16QAM	1	37	21.22	21.39	21.19		
15	16QAM	1	74	21.25	21.26	21.04		
15	16QAM	36	0	20.30	20.45	20.22	22	2
15	16QAM	36	20	20.19	20.28	20.30		
15	16QAM	36	39	20.17	20.22	20.16		
15	16QAM	75	0	20.35	20.26	20.38		
15	64QAM	1	0	20.13	20.35	20.37	22	2
15	64QAM	1	37	20.14	20.25	20.29		
15	64QAM	1	74	20.15	20.29	20.06		
15	64QAM	36	0	19.28	19.41	19.33	21	3
15	64QAM	36	20	19.36	19.36	19.24		
15	64QAM	36	39	19.21	19.36	19.26		
15	64QAM	75	0	19.27	19.36	19.31		
15	256QAM	1	0	17.34	17.40	17.24	19	5
15	256QAM	1	37	17.27	17.37	17.22		
15	256QAM	1	74	17.16	17.27	17.14		
15	256QAM	36	0	17.19	17.24	17.27	19	5
15	256QAM	36	20	17.16	17.33	17.13		
15	256QAM	36	39	17.15	17.12	17.03		
15	256QAM	75	0	17.16	17.30	17.07		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.29	22.47	22.41	24	0
10	QPSK	1	25	22.23	22.30	22.27		
10	QPSK	1	49	22.19	22.21	22.25		
10	QPSK	25	0	21.34	21.38	21.41	23	1
10	QPSK	25	12	21.28	21.36	21.32		
10	QPSK	25	25	21.17	21.37	21.25		
10	QPSK	50	0	21.32	21.44	21.27		
10	16QAM	1	0	21.23	21.26	21.30	23	1
10	16QAM	1	25	21.13	21.37	21.27		
10	16QAM	1	49	21.22	21.28	21.08		
10	16QAM	25	0	20.36	20.50	20.29	22	2
10	16QAM	25	12	20.28	20.28	20.27		
10	16QAM	25	25	20.11	20.29	20.20		
10	16QAM	50	0	20.33	20.29	20.34		
10	64QAM	1	0	20.14	20.36	20.29	22	2
10	64QAM	1	25	20.18	20.20	20.24		
10	64QAM	1	49	20.15	20.30	20.02		
10	64QAM	25	0	19.20	19.40	19.27	21	3
10	64QAM	25	12	19.33	19.32	19.25		
10	64QAM	25	25	19.16	19.32	19.22		
10	64QAM	50	0	19.24	19.30	19.36		
10	256QAM	1	0	17.37	17.41	17.21	19	5
10	256QAM	1	25	17.27	17.32	17.18		
10	256QAM	1	49	17.16	17.27	17.09		
10	256QAM	25	0	17.16	17.23	17.30	19	5
10	256QAM	25	12	17.13	17.31	17.14		
10	256QAM	25	25	17.10	17.30	17.09		
10	256QAM	50	0	17.18	17.27	17.10		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.26	22.40	22.42	24	0
5	QPSK	1	12	22.27	22.21	22.34		
5	QPSK	1	24	22.17	22.17	22.21		
5	QPSK	12	0	21.43	21.47	21.44	23	1
5	QPSK	12	7	21.30	21.39	21.30		
5	QPSK	12	13	21.20	21.36	21.22		
5	QPSK	25	0	21.30	21.44	21.19		
5	16QAM	1	0	21.27	21.30	21.27	23	1
5	16QAM	1	12	21.15	21.32	21.22		
5	16QAM	1	24	21.23	21.31	21.04		
5	16QAM	12	0	20.36	20.40	20.32	22	2
5	16QAM	12	7	20.28	20.30	20.20		
5	16QAM	12	13	20.11	20.29	20.15		
5	16QAM	25	0	20.35	20.31	20.29		
5	64QAM	1	0	20.21	20.28	20.27	22	2
5	64QAM	1	12	20.16	20.22	20.23		
5	64QAM	1	24	20.25	20.28	20.07		
5	64QAM	12	0	19.28	19.35	19.27	21	3
5	64QAM	12	7	19.38	19.39	19.24		
5	64QAM	12	13	19.23	19.35	19.19		
5	64QAM	25	0	19.24	19.29	19.31		
5	256QAM	1	0	17.30	17.33	17.22	19	5
5	256QAM	1	12	17.23	17.35	17.25		
5	256QAM	1	24	17.05	17.29	17.19		
5	256QAM	12	0	17.13	17.30	17.29	19	5
5	256QAM	12	7	17.13	17.30	17.21		
5	256QAM	12	13	17.09	17.18	17.06		
5	256QAM	25	0	17.15	17.31	17.06		

Band 41 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.54	22.62	22.69	22.51	22.48	24	0
20	QPSK	1	49	22.50	22.59	22.64	22.46	22.43		
20	QPSK	1	99	22.52	22.51	22.57	22.38	22.35		
20	QPSK	50	0	21.54	21.57	21.64	21.55	21.44	23	1
20	QPSK	50	24	21.50	21.45	21.59	21.47	21.43		
20	QPSK	50	50	21.38	21.47	21.52	21.42	21.31		
20	QPSK	100	0	21.50	21.45	21.58	21.43	21.39		
20	16QAM	1	0	21.40	21.46	21.53	21.38	21.40	23	1
20	16QAM	1	49	21.42	21.33	21.48	21.36	21.33		
20	16QAM	1	99	21.37	21.30	21.41	21.26	21.22		
20	16QAM	50	0	20.54	20.53	20.62	20.46	20.38	22	2
20	16QAM	50	24	20.43	20.43	20.57	20.45	20.40		
20	16QAM	50	50	20.41	20.37	20.50	20.31	20.32		
20	16QAM	100	0	20.53	20.51	20.57	20.39	20.37		
20	64QAM	1	0	20.38	20.40	20.51	20.31	20.35	22	2
20	64QAM	1	49	20.39	20.35	20.46	20.29	20.32		
20	64QAM	1	99	20.28	20.29	20.39	20.21	20.21		
20	64QAM	50	0	19.48	19.58	19.63	19.53	19.38	21	3
20	64QAM	50	24	19.43	19.51	19.58	19.39	19.41		
20	64QAM	50	50	19.37	19.40	19.51	19.34	19.28		
20	64QAM	100	0	19.52	19.42	19.56	19.39	19.39		
20	256QAM	1	0	17.54	17.62	17.66	17.49	17.44	19	5
20	256QAM	1	49	17.54	17.54	17.61	17.52	17.38		
20	256QAM	1	99	17.42	17.43	17.54	17.45	17.33		
20	256QAM	50	0	17.48	17.59	17.62	17.52	17.45	19	5
20	256QAM	50	24	17.44	17.47	17.57	17.45	17.42		
20	256QAM	50	50	17.46	17.42	17.50	17.36	17.33		
20	256QAM	100	0	17.38	17.35	17.47	17.32	17.31		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.42	22.52	22.63	22.43	22.40	24.00	0
15	QPSK	1	37	22.45	22.54	22.54	22.41	22.31		
15	QPSK	1	74	22.40	22.40	22.48	22.29	22.22		
15	QPSK	36	0	21.45	21.53	21.49	21.43	21.36	23	1
15	QPSK	36	20	21.45	21.38	21.53	21.41	21.30		
15	QPSK	36	39	21.25	21.36	21.40	21.35	21.27		
15	QPSK	75	0	21.42	21.32	21.45	21.37	21.34		
15	16QAM	1	0	21.28	21.39	21.40	21.26	21.27	23	1
15	16QAM	1	37	21.37	21.19	21.37	21.25	21.23		
15	16QAM	1	74	21.23	21.20	21.29	21.20	21.14		
15	16QAM	36	0	20.48	20.40	20.59	20.42	20.24	22	2
15	16QAM	36	20	20.29	20.29	20.46	20.41	20.26		
15	16QAM	36	39	20.31	20.32	20.41	20.21	20.26		
15	16QAM	75	0	20.43	20.43	20.49	20.28	20.33		
15	64QAM	1	0	20.33	20.37	20.45	20.20	20.29	22	2
15	64QAM	1	37	20.33	20.24	20.36	20.20	20.21		
15	64QAM	1	74	20.16	20.15	20.30	20.13	20.12		
15	64QAM	36	0	19.42	19.44	19.57	19.39	19.31	21	3
15	64QAM	36	20	19.37	19.44	19.51	19.31	19.36		
15	64QAM	36	39	19.32	19.33	19.47	19.20	19.13		
15	64QAM	75	0	19.43	19.33	19.43	19.35	19.32		
15	256QAM	1	0	17.43	17.55	17.55	17.43	17.34	19	5
15	256QAM	1	37	17.45	17.46	17.56	17.39	17.34		
15	256QAM	1	74	17.30	17.39	17.48	17.35	17.22		
15	256QAM	36	0	17.34	17.53	17.49	17.43	17.38	19	5
15	256QAM	36	20	17.31	17.36	17.53	17.33	17.32		
15	256QAM	36	39	17.41	17.37	17.44	17.24	17.25		
15	256QAM	75	0	17.24	17.29	17.40	17.19	17.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.40	22.58	22.57	22.38	22.37	24.00	0
10	QPSK	1	25	22.43	22.44	22.51	22.32	22.35		
10	QPSK	1	49	22.47	22.39	22.42	22.35	22.22		
10	QPSK	25	0	21.49	21.43	21.59	21.44	21.37	23	1
10	QPSK	25	12	21.41	21.36	21.46	21.37	21.35		
10	QPSK	25	25	21.26	21.36	21.48	21.33	21.16		
10	QPSK	50	0	21.44	21.39	21.46	21.29	21.25		
10	16QAM	1	0	21.36	21.42	21.39	21.35	21.33	23	1
10	16QAM	1	25	21.36	21.22	21.34	21.28	21.29		
10	16QAM	1	49	21.33	21.18	21.34	21.21	21.18		
10	16QAM	25	0	20.40	20.41	20.48	20.34	20.30	22	2
10	16QAM	25	12	20.38	20.33	20.54	20.32	20.32		
10	16QAM	25	25	20.30	20.24	20.35	20.26	20.19		
10	16QAM	50	0	20.38	20.47	20.47	20.35	20.32		
10	64QAM	1	0	20.26	20.27	20.38	20.20	20.23	22	2
10	64QAM	1	25	20.29	20.21	20.41	20.17	20.27		
10	64QAM	1	49	20.16	20.24	20.28	20.17	20.14		
10	64QAM	25	0	19.35	19.51	19.55	19.43	19.35	21	3
10	64QAM	25	12	19.40	19.45	19.45	19.24	19.29		
10	64QAM	25	25	19.29	19.28	19.39	19.27	19.14		
10	64QAM	50	0	19.40	19.37	19.42	19.28	19.29		
10	256QAM	1	0	17.48	17.52	17.58	17.36	17.30	19	5
10	256QAM	1	25	17.45	17.43	17.55	17.49	17.24		
10	256QAM	1	49	17.31	17.30	17.47	17.34	17.29		
10	256QAM	25	0	17.36	17.54	17.51	17.39	17.34	19	5
10	256QAM	25	12	17.39	17.39	17.54	17.41	17.31		
10	256QAM	25	25	17.32	17.32	17.36	17.24	17.25		
10	256QAM	50	0	17.34	17.31	17.41	17.19	17.19		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.48	22.56	22.66	22.43	22.41	24.00	0
5	QPSK	1	12	22.40	22.55	22.54	22.35	22.29		
5	QPSK	1	24	22.41	22.44	22.54	22.32	22.30		
5	QPSK	12	0	21.40	21.48	21.58	21.44	21.33	23	1
5	QPSK	12	7	21.45	21.39	21.50	21.43	21.32		
5	QPSK	12	13	21.25	21.33	21.42	21.37	21.21		
5	QPSK	25	0	21.43	21.41	21.52	21.36	21.24		
5	16QAM	1	0	21.27	21.33	21.38	21.29	21.25	23	1
5	16QAM	1	12	21.33	21.26	21.43	21.29	21.22		
5	16QAM	1	24	21.25	21.17	21.29	21.18	21.13		
5	16QAM	12	0	20.42	20.45	20.56	20.33	20.31	22	2
5	16QAM	12	7	20.34	20.33	20.44	20.36	20.28		
5	16QAM	12	13	20.32	20.26	20.39	20.27	20.18		
5	16QAM	25	0	20.48	20.37	20.47	20.35	20.26		
5	64QAM	1	0	20.34	20.35	20.44	20.21	20.27	22	2
5	64QAM	1	12	20.24	20.26	20.37	20.25	20.24		
5	64QAM	1	24	20.14	20.24	20.31	20.11	20.17		
5	64QAM	12	0	19.41	19.45	19.54	19.43	19.31	21	3
5	64QAM	12	7	19.29	19.45	19.49	19.24	19.34		
5	64QAM	12	13	19.32	19.36	19.46	19.21	19.19		
5	64QAM	25	0	19.42	19.38	19.46	19.31	19.34		
5	256QAM	1	0	17.39	17.47	17.58	17.43	17.40	19	5
5	256QAM	1	12	17.45	17.46	17.54	17.47	17.35		
5	256QAM	1	24	17.28	17.28	17.43	17.37	17.28		
5	256QAM	12	0	17.36	17.50	17.57	17.46	17.30	19	5
5	256QAM	12	7	17.35	17.43	17.50	17.33	17.34		
5	256QAM	12	13	17.32	17.33	17.36	17.32	17.27		
5	256QAM	25	0	17.25	17.31	17.35	17.19	17.16		

Band 41 HPUE Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.50	25.47	25.64	25.41	25.55	26	0
20	QPSK	1	49	25.33	25.40	25.58	25.35	25.53		
20	QPSK	1	99	25.29	25.33	25.51	25.31	25.41		
20	QPSK	50	0	25.33	25.30	25.49	25.29	25.37	26	0
20	QPSK	50	24	25.27	25.29	25.46	25.27	25.33		
20	QPSK	50	50	25.18	25.22	25.40	25.18	25.26		
20	QPSK	100	0	25.19	25.19	25.38	25.22	25.28		
20	16QAM	1	0	25.18	25.28	25.42	25.23	25.34	26	0
20	16QAM	1	49	25.20	25.14	25.39	25.16	25.28		
20	16QAM	1	99	25.16	25.13	25.35	25.12	25.27		
20	16QAM	50	0	24.29	24.40	24.53	24.34	24.44	26	0
20	16QAM	50	24	24.32	24.26	24.50	24.27	24.42		
20	16QAM	50	50	24.21	24.24	24.46	24.22	24.39		
20	16QAM	100	0	24.25	24.23	24.42	24.19	24.28		
20	64QAM	1	0	24.57	24.66	24.80	24.57	24.75	26	0
20	64QAM	1	49	24.55	24.52	24.74	24.54	24.66		
20	64QAM	1	99	24.52	24.55	24.70	24.50	24.65		
20	64QAM	50	0	23.37	23.35	23.56	23.39	23.46	25	1
20	64QAM	50	24	23.33	23.33	23.53	23.31	23.45		
20	64QAM	50	50	23.35	23.25	23.49	23.33	23.44		
20	64QAM	100	0	23.23	23.29	23.44	23.31	23.33		
20	256QAM	1	0	21.51	21.49	21.68	21.44	21.58	23	3
20	256QAM	1	49	21.43	21.41	21.61	21.42	21.52		
20	256QAM	1	99	21.30	21.36	21.55	21.41	21.51		
20	256QAM	50	0	21.37	21.38	21.52	21.34	21.45	23	3
20	256QAM	50	24	21.27	21.23	21.46	21.24	21.39		
20	256QAM	50	50	21.23	21.26	21.41	21.20	21.35		
20	256QAM	100	0	21.10	21.12	21.34	21.15	21.24		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.47	25.39	25.51	25.36	25.50	26.00	0
15	QPSK	1	37	25.29	25.33	25.46	25.29	25.46		
15	QPSK	1	74	25.15	25.26	25.38	25.24	25.30		
15	QPSK	36	0	25.25	25.24	25.46	25.24	25.26	26	0
15	QPSK	36	20	25.13	25.15	25.43	25.21	25.21		
15	QPSK	36	39	25.04	25.11	25.30	25.08	25.12		
15	QPSK	75	0	25.04	25.06	25.28	25.17	25.24		
15	16QAM	1	0	25.05	25.14	25.32	25.16	25.28	26	0
15	16QAM	1	37	25.06	25.11	25.27	25.03	25.20		
15	16QAM	1	74	25.10	25.00	25.28	25.07	25.21		
15	16QAM	36	0	24.17	24.33	24.39	24.24	24.35	26	0
15	16QAM	36	20	24.25	24.18	24.44	24.15	24.31		
15	16QAM	36	39	24.11	24.09	24.37	24.10	24.26		
15	16QAM	75	0	24.20	24.08	24.29	24.05	24.17		
15	64QAM	1	0	24.44	24.57	24.72	24.47	24.70	26	0
15	64QAM	1	37	24.49	24.48	24.63	24.48	24.55		
15	64QAM	1	74	24.42	24.42	24.62	24.38	24.61		
15	64QAM	36	0	23.26	23.22	23.47	23.29	23.33	25	1
15	64QAM	36	20	23.23	23.28	23.40	23.19	23.34		
15	64QAM	36	39	23.22	23.16	23.36	23.21	23.39		
15	64QAM	75	0	23.19	23.25	23.32	23.18	23.23		
15	256QAM	1	0	21.44	21.44	21.54	21.33	21.45	23	3
15	256QAM	1	37	21.29	21.29	21.56	21.28	21.46		
15	256QAM	1	74	21.25	21.29	21.52	21.31	21.41		
15	256QAM	36	0	21.28	21.27	21.39	21.26	21.30	23	3
15	256QAM	36	20	21.12	21.14	21.34	21.18	21.27		
15	256QAM	36	39	21.14	21.22	21.37	21.12	21.30		
15	256QAM	75	0	21.06	21.19	21.21	21.00	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.38	25.38	25.57	25.37	25.48	26.00	0
10	QPSK	1	25	25.25	25.31	25.46	25.25	25.42		
10	QPSK	1	49	25.21	25.18	25.38	25.17	25.37		
10	QPSK	25	0	25.22	25.18	25.46	25.22	25.32	26	0
10	QPSK	25	12	25.17	25.21	25.43	25.22	25.26		
10	QPSK	25	25	25.04	25.13	25.35	25.10	25.14		
10	QPSK	50	0	25.15	25.06	25.31	25.14	25.24		
10	16QAM	1	0	25.06	25.20	25.30	25.17	25.24	26	0
10	16QAM	1	25	25.06	25.05	25.33	25.12	25.25		
10	16QAM	1	49	25.09	25.07	25.30	25.17	25.24		
10	16QAM	25	0	24.21	24.28	24.44	24.25	24.39	26	0
10	16QAM	25	12	24.23	24.19	24.46	24.18	24.29		
10	16QAM	25	25	24.13	24.11	24.43	24.17	24.35		
10	16QAM	50	0	24.17	24.12	24.31	24.16	24.22		
10	64QAM	1	0	24.44	24.56	24.74	24.49	24.63	26	0
10	64QAM	1	25	24.43	24.46	24.60	24.49	24.61		
10	64QAM	1	49	24.38	24.51	24.59	24.41	24.56		
10	64QAM	25	0	23.23	23.26

Band 42 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.66	23.71	23.59	24	0
20	QPSK	1	49	23.62	23.66	23.57		
20	QPSK	1	99	23.52	23.59	23.48		
20	QPSK	50	0	22.57	22.65	22.53	23	1
20	QPSK	50	24	22.56	22.60	22.56		
20	QPSK	50	50	22.45	22.53	22.39		
20	QPSK	100	0	22.44	22.58	22.51		
20	16QAM	1	0	22.38	22.52	22.42	23	1
20	16QAM	1	49	22.37	22.47	22.44		
20	16QAM	1	99	22.35	22.40	22.30		
20	16QAM	50	0	21.52	21.66	21.59	22	2
20	16QAM	50	24	21.53	21.61	21.48		
20	16QAM	50	50	21.44	21.54	21.49		
20	16QAM	100	0	21.46	21.58	21.47		
20	64QAM	1	0	21.45	21.53	21.48	22	2
20	64QAM	1	49	21.38	21.48	21.44		
20	64QAM	1	99	21.36	21.41	21.37		
20	64QAM	50	0	20.56	20.60	20.53	21	3
20	64QAM	50	24	20.50	20.55	20.50		
20	64QAM	50	50	20.40	20.48	20.34		
20	64QAM	100	0	20.43	20.55	20.40		
20	256QAM	1	0	18.46	18.51	18.42	19	5
20	256QAM	1	49	18.35	18.46	18.36		
20	256QAM	1	99	18.28	18.39	18.30		
20	256QAM	50	0	18.40	18.46	18.34	19	5
20	256QAM	50	24	18.27	18.41	18.20		
20	256QAM	50	50	18.29	18.34	18.21		
20	256QAM	100	0	18.37	18.40	18.34		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.53	23.67	23.45	24	0
15	QPSK	1	37	23.54	23.60	23.53		
15	QPSK	1	74	23.49	23.46	23.38		
15	QPSK	36	0	22.49	22.50	22.44	23	1
15	QPSK	36	20	22.51	22.47	22.50		
15	QPSK	36	39	22.40	22.41	22.35		
15	QPSK	75	0	22.31	22.54	22.37		
15	16QAM	1	0	22.35	22.38	22.29	23	1
15	16QAM	1	37	22.31	22.37	22.38		
15	16QAM	1	74	22.32	22.32	22.24		
15	16QAM	36	0	21.47	21.54	21.51	22	2
15	16QAM	36	20	21.43	21.56	21.41		
15	16QAM	36	39	21.36	21.45	21.34		
15	16QAM	75	0	21.39	21.44	21.41		
15	64QAM	1	0	21.40	21.40	21.36	22	2
15	64QAM	1	37	21.27	21.36	21.30		
15	64QAM	1	74	21.25	21.37	21.27		
15	64QAM	36	0	20.43	20.56	20.40	21	3
15	64QAM	36	20	20.43	20.41	20.38		
15	64QAM	36	39	20.35	20.35	20.25		
15	64QAM	75	0	20.34	20.46	20.35		
15	256QAM	1	0	18.40	18.46	18.28	19	5
15	256QAM	1	37	18.26	18.32	18.22		
15	256QAM	1	74	18.22	18.35	18.23		
15	256QAM	36	0	18.31	18.43	18.30	19	5
15	256QAM	36	20	18.17	18.29	18.13		
15	256QAM	36	39	18.18	18.25	18.14		
15	256QAM	75	0	18.32	18.32	18.23		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.59	23.63	23.54	24	0
10	QPSK	1	25	23.49	23.51	23.52		
10	QPSK	1	49	23.43	23.49	23.34		
10	QPSK	25	0	22.50	22.52	22.48	23	1
10	QPSK	25	12	22.50	22.53	22.52		
10	QPSK	25	25	22.35	22.45	22.28		
10	QPSK	50	0	22.37	22.53	22.47		
10	16QAM	1	0	22.27	22.38	22.35	23	1
10	16QAM	1	25	22.22	22.39	22.32		
10	16QAM	1	49	22.24	22.34	22.22		
10	16QAM	25	0	21.37	21.61	21.45	22	2
10	16QAM	25	12	21.42	21.50	21.40		
10	16QAM	25	25	21.35	21.42	21.45		
10	16QAM	50	0	21.34	21.51	21.34		
10	64QAM	1	0	21.33	21.47	21.35	22	2
10	64QAM	1	25	21.24	21.37	21.29		
10	64QAM	1	49	21.30	21.27	21.33		
10	64QAM	25	0	20.42	20.48	20.43	21	3
10	64QAM	25	12	20.42	20.41	20.42		
10	64QAM	25	25	20.30	20.34	20.26		
10	64QAM	50	0	20.33	20.50	20.29		
10	256QAM	1	0	18.40	18.43	18.39	19	5
10	256QAM	1	25	18.25	18.35	18.29		
10	256QAM	1	49	18.15	18.33	18.24		
10	256QAM	25	0	18.32	18.39	18.24	19	5
10	256QAM	25	12	18.19	18.32	18.15		
10	256QAM	25	25	18.16	18.25	18.15		
10	256QAM	50	0	18.34	18.32	18.31		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.56	23.65	23.44	24	0
5	QPSK	1	12	23.47	23.60	23.54		
5	QPSK	1	24	23.46	23.55	23.39		
5	QPSK	12	0	22.45	22.59	22.46	23	1
5	QPSK	12	7	22.42	22.54	22.47		
5	QPSK	12	13	22.35	22.48	22.34		
5	QPSK	25	0	22.34	22.45	22.37		
5	16QAM	1	0	22.30	22.46	22.31	23	1
5	16QAM	1	12	22.28	22.35	22.38		
5	16QAM	1	24	22.26	22.27	22.23		
5	16QAM	12	0	21.48	21.53	21.50	22	2
5	16QAM	12	7	21.45	21.48	21.41		
5	16QAM	12	13	21.35	21.41	21.35		
5	16QAM	25	0	21.39	21.47	21.41		
5	64QAM	1	0	21.39	21.48	21.43	22	2
5	64QAM	1	12	21.35	21.41	21.40		
5	64QAM	1	24	21.27	21.29	21.27		
5	64QAM	12	0	20.50	20.47	20.47	21	3
5	64QAM	12	7	20.47	20.47	20.47		
5	64QAM	12	13	20.25	20.34	20.25		
5	64QAM	25	0	20.38	20.43	20.32		
5	256QAM	1	0	18.40	18.43	18.29	19	5
5	256QAM	1	12	18.30	18.32	18.27		
5	256QAM	1	24	18.18	18.29	18.26		
5	256QAM	12	0	18.28	18.32	18.24	19	5
5	256QAM	12	7	18.12	18.36	18.07		
5	256QAM	12	13	18.17	18.30	18.12		
5	256QAM	25	0	18.23	18.30	18.19		

Band 42 Part 96 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3660	3675	3690		
20	QPSK	1	0	23.56	23.58	23.43	24	0
20	QPSK	1	49	23.56	23.55	23.43		
20	QPSK	1	99	23.38	23.52	23.37		
20	QPSK	50	0	22.47	22.60	22.48	23	1
20	QPSK	50	24	22.44	22.43	22.45		
20	QPSK	50	50	22.36	22.35	22.33		
20	QPSK	100	0	22.29	22.53	22.46		
20	16QAM	1	0	22.35	22.37	22.38	23	1
20	16QAM	1	49	22.23	22.32	22.26		
20	16QAM	1	99	22.26	22.34	22.15		
20	16QAM	50	0	21.40	21.64	21.43	22	2
20	16QAM	50	24	21.39	21.48	21.46		
20	16QAM	50	50	21.26	21.51	21.41		
20	16QAM	100	0	21.30	21.50	21.32		
20	64QAM	1	0	21.38	21.50	21.38	22	2
20	64QAM	1	49	21.25	21.44	21.29		
20	64QAM	1	99	21.26	21.28	21.23		
20	64QAM	50	0	20.49	20.56	20.51	21	3
20	64QAM	50	24	20.40	20.49	20.47		
20	64QAM	50	50	20.35	20.39	20.18		
20	64QAM	100	0	20.29	20.41	20.27		
20	256QAM	1	0	18.33	18.38	18.30	19	5
20	256QAM	1	49	18.27	18.37	18.30		
20	256QAM	1	99	18.22	18.24	18.20		
20	256QAM	50	0	18.37	18.35	18.27	19	5
20	256QAM	50	24	18.15	18.34	18.03		
20	256QAM	50	50	18.17	18.21	18.03		
20	256QAM	100	0	18.32	18.35	18.24		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3675	3692.5		
15	QPSK	1	0	23.52	23.56	23.42	24	0
15	QPSK	1	37	23.45	23.52	23.42		
15	QPSK	1	74	23.36	23.41	23.31		
15	QPSK	36	0	22.38	22.58	22.39	23	1
15	QPSK	36	20	22.32	22.28	22.36		
15	QPSK	36	39	22.31	22.25	22.22		
15	QPSK	75	0	22.24	22.39	22.37		
15	16QAM	1	0	22.31	22.29	22.29	23	1
15	16QAM	1	37	22.08	22.27	22.13		
15	16QAM	1	74	22.23	22.26	22.11		
15	16QAM	36	0	21.31	21.50	21.37	22	2
15	16QAM	36	20	21.32	21.33	21.44		
15	16QAM	36	39	21.21	21.42	21.26		
15	16QAM	75	0	21.22	21.42	21.22		
15	64QAM	1	0	21.35	21.46	21.35	22	2
15	64QAM	1	37	21.09	21.39	21.25		
15	64QAM	1	74	21.21	21.18	21.21		
15	64QAM	36	0	20.45	20.54	20.35	21	3
15	64QAM	36	20	20.23	20.46	20.31		
15	64QAM	36	39	20.31	20.22	20.05		
15	64QAM	75	0	20.16	20.32	20.25		
15	256QAM	1	0	18.30	18.36	18.24	19	5
15	256QAM	1	37	18.22	18.25	18.17		
15	256QAM	1	74	18.12	18.18	18.18		
15	256QAM	36	0	18.29	18.32	18.15	19	5
15	256QAM	36	20	18.11	18.32	17.97		
15	256QAM	36	39	18.12	18.17	17.89		
15	256QAM	75	0	18.27	18.21	18.18		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652	3675	3698		
10	QPSK	1	0	23.42	23.51	23.32	24	0
10	QPSK	1	25	23.42	23.49	23.40		
10	QPSK	1	49	23.26	23.50	23.27		
10	QPSK	25	0	22.33	22.44	22.41	23	1
10	QPSK	25	12	22.39	22.33	22.38		
10	QPSK	25	25	22.34	22.29	22.22		
10	QPSK	50	0	22.24	22.45	22.45		
10	16QAM	1	0	22.32	22.34	22.22	23	1
10	16QAM	1	25	22.16	22.16	22.17		
10	16QAM	1	49	22.14	22.27	22.05		
10	16QAM	25	0	21.31	21.63	21.34	22	2
10	16QAM	25	12	21.31	21.36	21.30		
10	16QAM	25	25	21.21	21.39	21.31		
10	16QAM	50	0	21.23	21.47	21.26		
10	64QAM	1	0	21.34	21.46	21.37	22	2
10	64QAM	1	25	21.16	21.30	21.28		
10	64QAM	1	49	21.19	21.20	21.18		
10	64QAM	25	0	20.37	20.42	20.38	21	3
10	64QAM	25	12	20.38	20.46	20.45		
10	64QAM	25	25	20.28	20.32	20.02		
10	64QAM	50	0	20.27	20.40	20.19		
10	256QAM	1	0	18.16	18.36	18.19	19	5
10	256QAM	1	25	18.16	18.21	18.18		
10	256QAM	1	49	18.17	18.10	18.10		
10	256QAM	25	0	18.22	18.32	18.24	19	5
10	256QAM	25	12	18.02	18.26	18.01		
10	256QAM	25	25	18.01	18.04	18.00		
10	256QAM	50	0	18.29	18.22	18.08		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3650.5	3675	3697.5		
5	QPSK	1	0	23.53	23.44	23.40	24	0
5	QPSK	1	12	23.47	23.46	23.26		
5	QPSK	1	24	23.31	23.38	23.22		
5	QPSK	12	0	22.33	22.54	22.45	23	1
5	QPSK	12	7	22.35	22.33	22.41		
5	QPSK	12	13	22.25	22.33	22.25		
5	QPSK	25	0	22.12	22.44	22.39		
5	16QAM	1	0	22.21	22.20	22.25	23	1
5	16QAM	1	12	22.18	22.23	22.24		
5	16QAM	1	24	22.19	22.23	22.11		
5	16QAM	12	0	21.37	21.48	21.36	22	2
5	16QAM	12	7	21.35	21.43	21.32		
5	16QAM	12	13	21.23	21.41	21.36		
5	16QAM	25	0	21.16	21.36	21.22		
5	64QAM	1	0	21.29	21.43	21.33	22	2
5	64QAM	1	12	21.17	21.30	21.23		
5	64QAM	1	24	21.24	21.17	21.10		
5	64QAM	12	0	20.48	20.46	20.41	21	3
5	64QAM	12	7	20.36	20.45	20.36		
5	64QAM	12	13	20.19	20.34	20.06		
5	64QAM	25	0	20.27	20.26	20.26		
5	256QAM	1	0	18.26	18.31	18.15	19	5
5	256QAM	1	12	18.22	18.26	18.23		
5	256QAM	1	24	18.18	18.12	18.18		
5	256QAM	12	0	18.32	18.28	18.18	19	5
5	256QAM	12	7	18.12	18.20	18.01		
5	256QAM	12	13	18.10	18.08	17.89		
5	256QAM	25	0	18.24	18.26	18.13		

Band 43 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	23.60	23.54	23.55	24	0
20	QPSK	1	49	23.54	23.59	23.48		
20	QPSK	1	99	23.47	23.52	23.47		
20	QPSK	50	0	22.51	22.57	22.45	23	1
20	QPSK	50	24	22.39	22.52	22.39		
20	QPSK	50	50	22.34	22.45	22.32		
20	QPSK	100	0	22.47	22.51	22.37		
20	16QAM	1	0	22.43	22.46	22.36	23	1
20	16QAM	1	49	22.36	22.41	22.38		
20	16QAM	1	99	22.30	22.34	22.29		
20	16QAM	50	0	21.41	21.53	21.49	22	2
20	16QAM	50	24	21.44	21.48	21.41		
20	16QAM	50	50	21.32	21.41	21.28		
20	16QAM	100	0	21.32	21.47	21.40		
20	64QAM	1	0	21.29	21.42	21.37	22	2
20	64QAM	1	49	21.31	21.37	21.33		
20	64QAM	1	99	21.24	21.30	21.21		
20	64QAM	50	0	20.46	20.53	20.40	21	3
20	64QAM	50	24	20.37	20.48	20.41		
20	64QAM	50	50	20.34	20.41	20.26		
20	64QAM	100	0	20.43	20.48	20.36		
20	256QAM	1	0	18.35	18.44	18.29	19	5
20	256QAM	1	49	18.29	18.39	18.35		
20	256QAM	1	99	18.19	18.32	18.19		
20	256QAM	50	0	18.34	18.37	18.31	19	5
20	256QAM	50	24	18.25	18.32	18.19		
20	256QAM	50	50	18.12	18.25	18.17		
20	256QAM	100	0	18.27	18.32	18.21		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	23.45	23.60	23.46	24	0
15	QPSK	1	37	23.51	23.50	23.33		
15	QPSK	1	74	23.43	23.43	23.34		
15	QPSK	36	0	22.45	22.46	22.37	23	1
15	QPSK	36	20	22.33	22.43	22.28		
15	QPSK	36	39	22.28	22.36	22.24		
15	QPSK	75	0	22.32	22.43	22.23		
15	16QAM	1	0	22.37	22.32	22.22	23	1
15	16QAM	1	37	22.25	22.35	22.25		
15	16QAM	1	74	22.26	22.26	22.26		
15	16QAM	36	0	21.28	21.46	21.38	22	2
15	16QAM	36	20	21.30	21.35	21.38		
15	16QAM	36	39	21.25	21.32	21.15		
15	16QAM	75	0	21.22	21.40	21.37		
15	64QAM	1	0	21.19	21.30	21.34	22	2
15	64QAM	1	37	21.18	21.26	21.20		
15	64QAM	1	74	21.15	21.21	21.08		
15	64QAM	36	0	20.35	20.44	20.30	21	3
15	64QAM	36	20	20.29	20.41	20.34		
15	64QAM	36	39	20.30	20.36	20.22		
15	64QAM	75	0	20.39	20.42	20.27		
15	256QAM	1	0	18.23	18.30	18.26	19	5
15	256QAM	1	37	18.22	18.24	18.25		
15	256QAM	1	74	18.04	18.24	18.15		
15	256QAM	36	0	18.26	18.28	18.21	19	5
15	256QAM	36	20	18.21	18.22	18.05		
15	256QAM	36	39	18.03	18.21	18.11		
15	256QAM	75	0	18.13	18.28	18.09		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	23.50	23.54	23.45	24	0
10	QPSK	1	25	23.51	23.48	23.34		
10	QPSK	1	49	23.42	23.38	23.37		
10	QPSK	25	0	22.48	22.51	22.36	23	1
10	QPSK	25	12	22.31	22.48	22.31		
10	QPSK	25	25	22.27	22.38	22.18		
10	QPSK	50	0	22.35	22.40	22.24		
10	16QAM	1	0	22.32	22.33	22.32	23	1
10	16QAM	1	25	22.23	22.36	22.29		
10	16QAM	1	49	22.24	22.21	22.22		
10	16QAM	25	0	21.34	21.44	21.35	22	2
10	16QAM	25	12	21.32	21.36	21.31		
10	16QAM	25	25	21.23	21.31	21.16		
10	16QAM	50	0	21.24	21.43	21.27		
10	64QAM	1	0	21.19	21.34	21.25	22	2
10	64QAM	1	25	21.16	21.25	21.20		
10	64QAM	1	49	21.15	21.27	21.06		
10	64QAM	25	0	20.32	20.40	20.35	21	3
10	64QAM	25	12	20.33	20.40	20.30		
10	64QAM	25	25	20.25	20.35	20.13		
10	64QAM	50	0	20.34	20.40	20.27		
10	256QAM	1	0	18.30	18.34	18.19	19	5
10	256QAM	1	25	18.23	18.31	18.31		
10	256QAM	1	49	18.09	18.18	18.04		
10	256QAM	25	0	18.29	18.28	18.20	19	5
10	256QAM	25	12	18.16	18.29	18.10		
10	256QAM	25	25	18.05	18.18	18.14		
10	256QAM	50	0	18.20	18.18	18.12		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	23.47	23.59	23.50	24	0
5	QPSK	1	12	23.49	23.55	23.44		
5	QPSK	1	24	23.36	23.43	23.32		
5	QPSK	12	0	22.37	22.44	22.32	23	1
5	QPSK	12	7	22.27	22.41	22.31		
5	QPSK	12	13	22.26	22.31	22.23		
5	QPSK	25	0	22.41	22.38	22.24		
5	16QAM	1	0	22.28	22.31	22.31	23	1
5	16QAM	1	12	22.28	22.29	22.32		
5	16QAM	1	24	22.19	22.25	22.22		
5	16QAM	12	0	21.31	21.46	21.45	22	2
5	16QAM	12	7	21.32	21.44	21.37		
5	16QAM	12	13	21.19	21.32	21.20		
5	16QAM	25	0	21.25	21.39	21.33		
5	64QAM	1	0	21.24	21.28	21.26	22	2
5	64QAM	1	12	21.26	21.32	21.22		
5	64QAM	1	24	21.15	21.15	21.08		
5	64QAM	12	0	20.32	20.47	20.26	21	3
5	64QAM	12	7	20.28	20.44	20.27		
5	64QAM	12	13	20.20	20.35	20.17		
5	64QAM	25	0	20.31	20.42	20.25		
5	256QAM	1	0	18.30	18.35	18.15	19	5
5	256QAM	1	12	18.22	18.30	18.29		
5	256QAM	1	24	18.06	18.29	18.07		
5	256QAM	12	0	18.28	18.26	18.27	19	5
5	256QAM	12	7	18.13	18.23	18.10		
5	256QAM	12	13	18.03	18.12	18.06		
5	256QAM	25	0	18.15	18.20	18.15		

Band 48 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3690		
20	QPSK	1	0	23.72	23.82	23.79	23.66	24	0
20	QPSK	1	49	23.56	23.76	23.61	23.54		
20	QPSK	1	99	23.56	23.65	23.58	23.60		
20	QPSK	50	0	23.64	23.74	23.57	23.53	24	0
20	QPSK	50	24	23.48	23.66	23.49	23.50		
20	QPSK	50	50	23.49	23.49	23.45	23.37		
20	QPSK	100	0	23.52	23.68	23.59	23.48		
20	16QAM	1	0	23.67	23.84	23.73	23.52	24	0
20	16QAM	1	49	23.65	23.74	23.66	23.62		
20	16QAM	1	99	23.64	23.66	23.64	23.49		
20	16QAM	50	0	22.62	22.75	22.66	22.71	23	1
20	16QAM	50	24	22.59	22.70	22.63	22.63		
20	16QAM	50	50	22.58	22.63	22.58	22.48		
20	16QAM	100	0	22.65	22.69	22.58	22.57		
20	64QAM	1	0	22.52	22.61	22.57	22.54	23	1
20	64QAM	1	49	22.46	22.56	22.50	22.49		
20	64QAM	1	99	22.37	22.49	22.40	22.35		
20	64QAM	50	0	21.60	21.74	21.66	21.68	22	2
20	64QAM	50	24	21.57	21.69	21.55	21.59		
20	64QAM	50	50	21.57	21.62	21.52	21.57		
20	64QAM	100	0	21.64	21.70	21.60	21.60		
20	256QAM	1	0	19.54	19.64	19.53	19.56	20	4
20	256QAM	1	49	19.55	19.59	19.45	19.52		
20	256QAM	1	99	19.46	19.52	19.48	19.40		
20	256QAM	50	0	19.54	19.58	19.44	19.52	20	4
20	256QAM	50	24	19.39	19.53	19.39	19.41		
20	256QAM	50	50	19.43	19.46	19.36	19.40		
20	256QAM	100	0	19.43	19.52	19.40	19.47		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3537.5	3608	3642	3692.5		
15	QPSK	1	0	23.58	23.83	23.65	23.60	24	0
15	QPSK	1	37	23.49	23.62	23.51	23.42		
15	QPSK	1	74	23.52	23.51	23.50	23.51		
15	QPSK	36	0	23.54	23.69	23.49	23.42	24	0
15	QPSK	36	20	23.33	23.62	23.35	23.37		
15	QPSK	36	39	23.38	23.44	23.40	23.34		
15	QPSK	75	0	23.44	23.64	23.52	23.38		
15	16QAM	1	0	23.52	23.76	23.59	23.40	24	0
15	16QAM	1	37	23.51	23.60	23.62	23.51		
15	16QAM	1	74	23.59	23.51	23.50	23.45		
15	16QAM	36	0	22.58	22.69	22.57	22.66	23	1
15	16QAM	36	20	22.48	22.65	22.49	22.49		
15	16QAM	36	39	22.53	22.49	22.55	22.40		
15	16QAM	75	0	22.51	22.58	22.53	22.48		
15	64QAM	1	0	22.48	22.47	22.44	22.46	23	1
15	64QAM	1	37	22.33	22.52	22.43	22.45		
15	64QAM	1	74	22.23	22.42	22.28	22.31		
15	64QAM	36	0	21.54	21.64	21.56	21.59	22	2
15	64QAM	36	20	21.44	21.64	21.45	21.49		
15	64QAM	36	39	21.50	21.58	21.38	21.53		
15	64QAM	75	0	21.58	21.63	21.55	21.54		
15	256QAM	1	0	19.46	19.51	19.40	19.49	20	4
15	256QAM	1	37	19.48	19.53	19.41	19.40		
15	256QAM	1	74	19.41	19.47	19.44	19.25		
15	256QAM	36	0	19.46	19.44	19.34	19.41	20	4
15	256QAM	36	20	19.30	19.39	19.31	19.33		
15	256QAM	36	39	19.39	19.33	19.23	19.26		
15	256QAM	75	0	19.31	19.46	19.27	19.40		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3535	3607.5	3642.5	3695		
10	QPSK	1	0	23.65	23.74	23.67	23.61	24	0
10	QPSK	1	25	23.49	23.70	23.49	23.47		
10	QPSK	1	49	23.43	23.56	23.48	23.55		
10	QPSK	25	0	23.53	23.61	23.50	23.47	24	0
10	QPSK	25	12	23.40	23.54	23.45	23.42		
10	QPSK	25	25	23.45	23.37	23.31	23.27		
10	QPSK	50	0	23.40	23.62	23.53	23.44		
10	16QAM	1	0	23.59	23.80	23.65	23.46	24	0
10	16QAM	1	25	23.51	23.64	23.62	23.47		
10	16QAM	1	49	23.54	23.56	23.60	23.42		
10	16QAM	25	0	22.51	22.62	22.56	22.62	23	1
10	16QAM	25	12	22.54	22.59	22.57	22.59		
10	16QAM	25	25	22.51	22.49	22.54	22.34		
10	16QAM	50	0	22.50	22.58	22.49	22.45		
10	64QAM	1	0	22.47	22.53	22.52	22.39	23	1
10	64QAM	1	25	22.33	22.42	22.44	22.38		
10	64QAM	1	49	22.29	22.41	22.32	22.29		
10	64QAM	25	0	21.54	21.66	21.62	21.64	22	2
10	64QAM	25	12	21.52	21.61	21.49	21.45		
10	64QAM	25	25	21.53	21.54	21.45	21.45		
10	64QAM	50	0	21.52	21.61	21.52	21.47		
10	256QAM	1	0	19.49	19.53	19.45	19.44	20	4
10	256QAM	1	25	19.43	19.54	19.34	19.48		
10	256QAM	1	49	19.38	19.39	19.35	19.28		
10	256QAM	25	0	19.47	19.46	19.33	19.45	20	4
10	256QAM	25	12	19.30	19.45	19.24	19.32		
10	256QAM	25	25	19.32	19.42	19.30	19.29		
10	256QAM	50	0	19.35	19.39	19.26	19.38		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3532.5	3607	3643	3697.5		
5	QPSK	1	0	23.67	23.77	23.66	23.54	24	0
5	QPSK	1	12	23.43	23.69	23.50	23.45		
5	QPSK	1	24	23.53	23.59	23.55	23.55		
5	QPSK	12	0	23.56	23.71	23.48	23.45	24	0
5	QPSK	12	7	23.44	23.60	23.38	23.36		
5	QPSK	12	13	23.41	23.35	23.31	23.29		
5	QPSK	25	0	23.44	23.59	23.45	23.43		
5	16QAM	1	0	23.53	23.73	23.69	23.49	24	0
5	16QAM	1	12	23.53	23.66	23.57	23.55		
5	16QAM	1	24	23.55	23.61	23.49	23.40		
5	16QAM	12	0	22.52	22.71	22.54	22.68	23	1
5	16QAM	12	7	22.52	22.60	22.51	22.55		
5	16QAM	12	13	22.43	22.55	22.47	22.36		
5	16QAM	25	0	22.59	22.63	22.49	22.43		
5	64QAM	1	0	22.46	22.58	22.51	22.42	23	1
5	64QAM	1	12	22.34	22.50	22.42	22.34		
5	64QAM	1	24	22.24	22.39	22.25	22.24		
5	64QAM	12	0	21.51	21.69	21.51	21.59	22	2
5	64QAM	12	7	21.43	21.56	21.50	21.46		
5	64QAM	12	13	21.43	21.52	21.43	21.45		
5	64QAM	25	0	21.58	21.58	21.51	21.47		
5	256QAM	1	0	19.44	19.52	19.43	19.46	20	4
5	256QAM	1	12	19.48	19.49	19.38	19.42		
5	256QAM	1	24	19.32	19.47	19.42	19.33		
5	256QAM	12	0	19.48	19.54	19.33	19.48	20	4
5	256QAM	12	7	19.27	19.47	19.35	19.33		
5	256QAM	12	13	19.40	19.38	19.28	19.28		
5	256QAM	25	0	19.37	19.47	19.36	19.40		

GSM1900 Ant 2	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	29.32	29.41	29.38	30.00	20.32	20.41	20.38	21.00
GPRS 1 Tx slot	29.35	29.47	29.43	30.00	20.35	20.47	20.43	21.00
GPRS 2 Tx slots	26.38	26.51	26.42	27.00	20.38	20.51	20.42	21.00
GPRS 3 Tx slots	23.74	23.85	23.81	25.50	19.48	19.59	19.55	21.24
GPRS 4 Tx slots	22.18	22.29	22.19	24.00	19.18	19.29	19.19	21.00
EDGE 1 Tx slot	24.14	24.28	24.22	25.50	15.14	15.28	15.22	16.50
EDGE 2 Tx slots	22.45	22.56	22.49	24.00	16.45	16.56	16.49	18.00
EDGE 3 Tx slots	21.38	21.49	21.46	22.50	17.12	17.23	17.20	18.24
EDGE 4 Tx slots	19.33	19.42	19.39	20.50	16.33	16.42	16.39	17.50

Band		WCDMA II Ant 2			Tune-up Limit (dBm)	WCDMA IV Ant 2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.02	23.15	23.05	24.00	23.20	23.28	23.15	24.00
3GPP Rel 99	RMC 12.2Kbps	23.08	23.17	23.11	24.00	23.29	23.34	23.22	24.00
3GPP Rel 6	HSDPA Subtest-1	22.21	22.37	22.05	23.00	22.27	22.49	22.19	23.00
3GPP Rel 6	HSDPA Subtest-2	22.14	22.26	22.10	23.00	22.23	22.40	22.16	23.00
3GPP Rel 6	HSDPA Subtest-3	21.56	21.80	21.68	22.50	21.72	21.93	21.80	22.50
3GPP Rel 6	HSDPA Subtest-4	21.61	21.74	21.71	22.50	21.71	21.90	21.80	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.15	22.32	22.16	23.00	22.24	22.39	22.31	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.92	22.03	21.99	23.00	22.08	22.13	22.05	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.46	21.56	21.55	22.50	21.60	21.62	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.50	21.58	21.49	22.50	21.60	21.72	21.56	22.50
3GPP Rel 6	HSUPA Subtest-1	22.18	22.35	22.35	23.00	22.28	22.52	22.50	23.00
3GPP Rel 6	HSUPA Subtest-2	20.19	20.24	20.01	21.00	20.30	20.36	20.12	21.00
3GPP Rel 6	HSUPA Subtest-3	21.00	21.23	21.18	22.00	21.37	21.30	21.33	22.00
3GPP Rel 6	HSUPA Subtest-4	20.07	20.15	20.02	21.00	20.12	20.30	20.17	21.00
3GPP Rel 6	HSUPA Subtest-5	22.27	22.18	22.17	23.00	22.38	22.30	22.33	23.00

Band 2 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.12	21.24	21.07	22	0
20	QPSK	1	49	21.00	21.06	20.92		
20	QPSK	1	99	20.92	21.04	20.92		
20	QPSK	50	0	20.80	20.90	20.86	21.5	0.5
20	QPSK	50	24	20.71	20.85	20.78		
20	QPSK	50	50	20.63	20.78	20.74		
20	QPSK	100	0	20.79	20.83	20.78		
20	16QAM	1	0	20.75	20.79	20.75	21.5	0.5
20	16QAM	1	49	20.59	20.74	20.64		
20	16QAM	1	99	20.60	20.67	20.61		
20	16QAM	50	0	19.82	19.91	19.86	20.5	1.5
20	16QAM	50	24	19.74	19.86	19.73		
20	16QAM	50	50	19.67	19.79	19.69		
20	16QAM	100	0	19.77	19.86	19.81		
20	64QAM	1	0	19.78	19.83	19.71	20.5	1.5
20	64QAM	1	49	19.64	19.78	19.71		
20	64QAM	1	99	19.66	19.71	19.61		
20	64QAM	50	0	18.72	18.80	18.73	19.5	2.5
20	64QAM	50	24	18.64	18.75	18.70		
20	64QAM	50	50	18.61	18.68	18.63		
20	64QAM	100	0	18.64	18.71	18.58		
20	256QAM	1	0	16.93	16.96	16.82	17.5	4.5
20	256QAM	1	49	16.87	16.91	16.80		
20	256QAM	1	99	16.80	16.84	16.73		
20	256QAM	50	0	16.71	16.83	16.74	17.5	4.5
20	256QAM	50	24	16.64	16.78	16.72		
20	256QAM	50	50	16.66	16.71	16.60		
20	256QAM	100	0	16.73	16.78	16.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.01	21.18	20.92	22	0
15	QPSK	1	37	20.92	20.99	20.84		
15	QPSK	1	74	20.84	20.98	20.82		
15	QPSK	36	0	20.74	20.84	20.75	21.5	0.5
15	QPSK	36	20	20.66	20.73	20.70		
15	QPSK	36	39	20.52	20.71	20.62		
15	QPSK	75	0	20.67	20.76	20.71		
15	16QAM	1	0	20.61	20.69	20.63	21.5	0.5
15	16QAM	1	37	20.51	20.68	20.58		
15	16QAM	1	74	20.51	20.63	20.54		
15	16QAM	36	0	19.67	19.77	19.76	20.5	1.5
15	16QAM	36	20	19.63	19.76	19.62		
15	16QAM	36	39	19.64	19.66	19.60		
15	16QAM	75	0	19.62	19.83	19.72		
15	64QAM	1	0	19.70	19.73	19.60	20.5	1.5
15	64QAM	1	37	19.57	19.75	19.57		
15	64QAM	1	74	19.58	19.62	19.53		
15	64QAM	36	0	18.61	18.76	18.67	19.5	2.5
15	64QAM	36	20	18.52	18.65	18.58		
15	64QAM	36	39	18.50	18.58	18.51		
15	64QAM	75	0	18.52	18.67	18.51		
15	256QAM	1	0	16.86	16.89	16.71	17.5	4.5
15	256QAM	1	37	16.74	16.86	16.70		
15	256QAM	1	74	16.76	16.76	16.69		
15	256QAM	36	0	16.63	16.73	16.71	17.5	4.5
15	256QAM	36	20	16.56	16.73	16.63		
15	256QAM	36	39	16.58	16.62	16.56		
15	256QAM	75	0	16.62	16.74	16.63		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
10	QPSK	1	0	20.98	21.15	20.99	22	0
10	QPSK	1	25	20.97	21.02	20.85		
10	QPSK	1	49	20.79	20.99	20.86		
10	QPSK	25	0	20.73	20.82	20.72	21.5	0.5
10	QPSK	25	12	20.62	20.70	20.70		
10	QPSK	25	25	20.52	20.73	20.69		
10	QPSK	50	0	20.69	20.68	20.74		
10	16QAM	1	0	20.66	20.70	20.65	21.5	0.5
10	16QAM	1	25	20.49	20.69	20.53		
10	16QAM	1	49	20.57	20.53	20.47		
10	16QAM	25	0	19.77	19.79	19.76	20.5	1.5
10	16QAM	25	12	19.60	19.81	19.64		
10	16QAM	25	25	19.55	19.69	19.63		
10	16QAM	50	0	19.68	19.76	19.73		
10	64QAM	1	0	19.72	19.72	19.64	20.5	1.5
10	64QAM	1	25	19.53	19.72	19.63		
10	64QAM	1	49	19.60	19.63	19.55		
10	64QAM	25	0	18.69	18.72	18.67	19.5	2.5
10	64QAM	25	12	18.55	18.62	18.56		
10	64QAM	25	25	18.56	18.60	18.49		
10	64QAM	50	0	18.53	18.62	18.48		
10	256QAM	1	0	16.89	16.83	16.68	17.5	4.5
10	256QAM	1	25	16.80	16.79	16.69		
10	256QAM	1	49	16.69	16.74	16.64		
10	256QAM	25	0	16.65	16.77	16.62	17.5	4.5
10	256QAM	25	12	16.53	16.68	16.67		
10	256QAM	25	25	16.59	16.67	16.46		
10	256QAM	50	0	16.62	16.73	16.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.06	21.11	20.97	22	0
5	QPSK	1	12	20.93	20.94	20.85		
5	QPSK	1	24	20.77	20.89	20.85		
5	QPSK	12	0	20.67	20.79	20.80	21.5	0.5
5	QPSK	12	7	20.57	20.72	20.65		
5	QPSK	12	13	20.48	20.66	20.67		
5	QPSK	25	0	20.66	20.76	20.64		
5	16QAM	1	0	20.67	20.66	20.71	21.5	0.5
5	16QAM	1	12	20.47	20.61	20.50		
5	16QAM	1	24	20.50	20.53	20.55		
5	16QAM	12	0	19.69	19.79	19.72	20.5	1.5
5	16QAM	12	7	19.64	19.80	19.69		
5	16QAM	12	13	19.57	19.72	19.62		
5	16QAM	25	0	19.63	19.73	19.72		
5	64QAM	1	0	19.73	19.74	19.59	20.5	1.5
5	64QAM	1	12	19.59	19.67	19.59		
5	64QAM	1	24	19.55	19.64	19.54		
5	64QAM	12	0	18.64	18.68	18.62	19.5	2.5
5	64QAM	12	7	18.50	18.68	18.58		
5	64QAM	12	13	18.50	18.58	18.59		
5	64QAM	25	0	18.52	18.61	18.49		
5	256QAM	1	0	16.83	16.88	16.73	17.5	4.5
5	256QAM	1	12	16.77	16.84	16.72		
5	256QAM	1	24	16.69	16.77	16.67		
5	256QAM	12	0	16.59	16.78	16.63	17.5	4.5
5	256QAM	12	7	16.53	16.71	16.62		
5	256QAM	12	13	16.61	16.63	16.46		
5	256QAM	25	0	16.62	16.74	16.64		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.98	21.14	20.96	22	0
3	QPSK	1	8	20.95	20.91	20.88		
3	QPSK	1	14	20.85	20.99	20.84		
3	QPSK	8	0	20.73	20.82	20.73	21.5	0.5
3	QPSK	8	4	20.59	20.72	20.70		
3	QPSK	8	7	20.54	20.69	20.61		
3	QPSK	15	0	20.70	20.69	20.69		
3	16QAM	1	0	20.65	20.68	20.60	21.5	0.5
3	16QAM	1	8	20.52	20.62	20.50		
3	16QAM	1	14	20.50	20.58	20.55		
3	16QAM	8	0	19.70	19.77	19.81	20.5	1.5
3	16QAM	8	4	19.66	19.81	19.62		
3	16QAM	8	7	19.62	19.67	19.56		
3	16QAM	15	0	19.68	19.78	19.73		
3	64QAM	1	0	19.67	19.73	19.61	20.5	1.5
3	64QAM	1	8	19.61	19.66	19.59		
3	64QAM	1	14	19.61	19.59	19.56		
3	64QAM	8	0	18.66	18.71	18.60	19.5	2.5
3	64QAM	8	4	18.51	18.70	18.58		
3	64QAM	8	7	18.52	18.57	18.52		
3	64QAM	15	0	18.57	18.67	18.53		
3	256QAM	1	0	16.80	16.83	16.72	17.5	4.5
3	256QAM	1	8	16.73	16.84	16.65		
3	256QAM	1	14	16.76	16.79	16.68		
3	256QAM	8	0	16.62	16.72	16.63	17.5	4.5
3	256QAM	8	4	16.53	16.74	16.67		
3	256QAM	8	7	16.57	16.67	16.50		
3	256QAM	15	0	16.64	16.71	16.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.03	21.16	20.96	22	0
1.4	QPSK	1	3	20.93	20.96	20.85		
1.4	QPSK	1	5	20.81	20.95	20.86		
1.4	QPSK	3	0	20.98	21.10	21.07		
1.4	QPSK	3	1	20.91	20.96	20.91		
1.4	QPSK	3	3	20.74	20.96	20.87		
1.4	QPSK	6	0	20.73	20.85	20.74	21.5	0.5
1.4	16QAM	1	0	20.57	20.78	20.68	21.5	0.5
1.4	16QAM	1	3	20.57	20.67	20.63		
1.4	16QAM	1	5	20.67	20.69	20.75		
1.4	16QAM	3	0	20.70	20.67	20.66		
1.4	16QAM	3	1	20.47	20.61	20.60		
1.4	16QAM	3	3	20.54	20.57	20.58		
1.4	16QAM	6	0	19.70	19.80	19.74	20.5	1.5
1.4	64QAM	1	0	19.67	19.76	19.68	20.5	1.5
1.4	64QAM	1	3	19.61	19.65	19.65		
1.4	64QAM	1	5	19.71	19.72	19.68		
1.4	64QAM	3	0	19.74	19.75	19.68		
1.4	64QAM	3	1	19.58	19.69	19.57		
1.4	64QAM	3	3	19.63	19.66	19.50		
1.4	64QAM	6	0	18.64	18.76	18.62	19.5	2.5
1.4	256QAM	1	0	16.87	16.86	16.74	17.5	4.5
1.4	256QAM	1	3	16.76	16.85	16.71		
1.4	256QAM	1	5	16.69	16.72	16.60		
1.4	256QAM	3	0	16.63	16.73	16.67		
1.4	256QAM	3	1	16.52	16.68	16.60		
1.4	256QAM	3	3	16.57	16.59	16.46		
1.4	256QAM	6	0	16.66	16.71	16.61	17.5	4.5

Band 4 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.16	21.30	21.12	22	0
20	QPSK	1	49	20.99	21.11	20.94		
20	QPSK	1	99	20.98	21.11	20.88		
20	QPSK	50	0	20.85	20.89	20.81	21.5	0.5
20	QPSK	50	24	20.77	20.84	20.72		
20	QPSK	50	50	20.72	20.77	20.67		
20	QPSK	100	0	20.76	20.84	20.69		
20	16QAM	1	0	20.67	20.81	20.72	21.5	0.5
20	16QAM	1	49	20.69	20.76	20.69		
20	16QAM	1	99	20.59	20.69	20.62		
20	16QAM	50	0	19.91	19.97	19.94	20.5	1.5
20	16QAM	50	24	19.78	19.92	19.80		
20	16QAM	50	50	19.80	19.85	19.79		
20	16QAM	100	0	19.81	19.91	19.78		
20	64QAM	1	0	19.71	19.83	19.68	20.5	1.5
20	64QAM	1	49	19.69	19.78	19.69		
20	64QAM	1	99	19.61	19.71	19.57		
20	64QAM	50	0	18.80	18.92	18.86	19.5	2.5
20	64QAM	50	24	18.79	18.87	18.80		
20	64QAM	50	50	18.76	18.80	18.66		
20	64QAM	100	0	18.83	18.86	18.77		
20	256QAM	1	0	16.85	16.92	16.86	17.5	4.5
20	256QAM	1	49	16.73	16.87	16.79		
20	256QAM	1	99	16.71	16.80	16.70		
20	256QAM	50	0	16.78	16.88	16.85	17.5	4.5
20	256QAM	50	24	16.79	16.83	16.70		
20	256QAM	50	50	16.68	16.76	16.66		
20	256QAM	100	0	16.70	16.84	16.78		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.01	21.25	20.98	22	0
15	QPSK	1	37	20.87	20.97	20.82		
15	QPSK	1	74	20.90	21.07	20.83		
15	QPSK	36	0	20.78	20.82	20.75	21.5	0.5
15	QPSK	36	20	20.71	20.79	20.67		
15	QPSK	36	39	20.68	20.63	20.53		
15	QPSK	75	0	20.65	20.74	20.62		
15	16QAM	1	0	20.54	20.76	20.61	21.5	0.5
15	16QAM	1	37	20.62	20.63	20.62		
15	16QAM	1	74	20.56	20.63	20.54		
15	16QAM	36	0	19.79	19.93	19.88	20.5	1.5
15	16QAM	36	20	19.69	19.78	19.66		
15	16QAM	36	39	19.75	19.71	19.66		
15	16QAM	75	0	19.70	19.84	19.65		
15	64QAM	1	0	19.57	19.79	19.54	20.5	1.5
15	64QAM	1	37	19.60	19.71	19.59		
15	64QAM	1	74	19.56	19.67	19.44		
15	64QAM	36	0	18.66	18.78	18.72	19.5	2.5
15	64QAM	36	20	18.67	18.75	18.69		
15	64QAM	36	39	18.72	18.72	18.56		
15	64QAM	75	0	18.68	18.79	18.64		
15	256QAM	1	0	16.79	16.81	16.72	17.5	4.5
15	256QAM	1	37	16.66	16.79	16.76		
15	256QAM	1	74	16.67	16.70	16.65		
15	256QAM	36	0	16.69	16.78	16.80	17.5	4.5
15	256QAM	36	20	16.73	16.77	16.59		
15	256QAM	36	39	16.64	16.67	16.63		
15	256QAM	75	0	16.59	16.73	16.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.02	21.16	21.04	22	0
10	QPSK	1	25	20.95	20.98	20.83		
10	QPSK	1	49	20.94	20.96	20.73		
10	QPSK	25	0	20.73	20.84	20.68	21.5	0.5
10	QPSK	25	12	20.71	20.78	20.64		
10	QPSK	25	25	20.64	20.69	20.58		
10	QPSK	50	0	20.71	20.76	20.62		
10	16QAM	1	0	20.59	20.69	20.60	21.5	0.5
10	16QAM	1	25	20.63	20.67	20.56		
10	16QAM	1	49	20.45	20.64	20.55		
10	16QAM	25	0	19.83	19.86	19.85	20.5	1.5
10	16QAM	25	12	19.75	19.89	19.70		
10	16QAM	25	25	19.72	19.80	19.71		
10	16QAM	50	0	19.73	19.83	19.71		
10	64QAM	1	0	19.66	19.72	19.61	20.5	1.5
10	64QAM	1	25	19.65	19.64	19.60		
10	64QAM	1	49	19.54	19.64	19.44		
10	64QAM	25	0	18.77	18.84	18.72	19.5	2.5
10	64QAM	25	12	18.76	18.79	18.70		
10	64QAM	25	25	18.65	18.68	18.56		
10	64QAM	50	0	18.77	18.75	18.69		
10	256QAM	1	0	16.73	16.84	16.78	17.5	4.5
10	256QAM	1	25	16.66	16.81	16.66		
10	256QAM	1	49	16.64	16.75	16.60		
10	256QAM	25	0	16.64	16.79	16.79	17.5	4.5
10	256QAM	25	12	16.66	16.69	16.56		
10	256QAM	25	25	16.55	16.66	16.63		
10	256QAM	50	0	16.63	16.75	16.64		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.04	21.24	21.03	22	0
5	QPSK	1	12	20.96	21.03	20.87		
5	QPSK	1	24	20.91	21.07	20.84		
5	QPSK	12	0	20.78	20.80	20.69	21.5	0.5
5	QPSK	12	7	20.68	20.72	20.61		
5	QPSK	12	13	20.66	20.71	20.61		
5	QPSK	25	0	20.63	20.74	20.55		
5	16QAM	1	0	20.58	20.73	20.67	21.5	0.5
5	16QAM	1	12	20.59	20.72	20.56		
5	16QAM	1	24	20.46	20.62	20.56		
5	16QAM	12	0	19.77	19.87	19.84	20.5	1.5
5	16QAM	12	7	19.72	19.78	19.75		
5	16QAM	12	13	19.70	19.78	19.64		
5	16QAM	25	0	19.66	19.78	19.69		
5	64QAM	1	0	19.62	19.72	19.56	20.5	1.5
5	64QAM	1	12	19.56	19.74	19.65		
5	64QAM	1	24	19.48	19.56	19.45		
5	64QAM	12	0	18.77	18.86	18.82	19.5	2.5
5	64QAM	12	7	18.72	18.79	18.67		
5	64QAM	12	13	18.64	18.68	18.51		
5	64QAM	25	0	18.70	18.80	18.71		
5	256QAM	1	0	16.82	16.79	16.81	17.5	4.5
5	256QAM	1	12	16.69	16.78	16.66		
5	256QAM	1	24	16.68	16.73	16.55		
5	256QAM	12	0	16.71	16.74	16.75	17.5	4.5
5	256QAM	12	7	16.76	16.75	16.60		
5	256QAM	12	13	16.64	16.64	16.52		
5	256QAM	25	0	16.65	16.80	16.65		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.04	21.17	21.03	22	0
3	QPSK	1	8	20.87	21.01	20.80		
3	QPSK	1	14	20.90	21.06	20.81		
3	QPSK	8	0	20.75	20.81	20.73	21.5	0.5
3	QPSK	8	4	20.63	20.71	20.57		
3	QPSK	8	7	20.67	20.69	20.58		
3	QPSK	15	0	20.71	20.71	20.55		
3	16QAM	1	0	20.59	20.78	20.65	21.5	0.5
3	16QAM	1	8	20.63	20.68	20.61		
3	16QAM	1	14	20.55	20.63	20.52		
3	16QAM	8	0	19.78	19.83	19.84	20.5	1.5
3	16QAM	8	4	19.72	19.82	19.74		
3	16QAM	8	7	19.66	19.81	19.68		
3	16QAM	15	0	19.76	19.77	19.68		
3	64QAM	1	0	19.59	19.79	19.58	20.5	1.5
3	64QAM	1	8	19.57	19.73	19.66		
3	64QAM	1	14	19.58	19.61	19.50		
3	64QAM	8	0	18.76	18.79	18.79	19.5	2.5
3	64QAM	8	4	18.67	18.77	18.67		
3	64QAM	8	7	18.68	18.75	18.63		
3	64QAM	15	0	18.79	18.81	18.65		
3	256QAM	1	0	16.77	16.79	16.77	17.5	4.5
3	256QAM	1	8	16.59	16.79	16.64		
3	256QAM	1	14	16.63	16.75	16.58		
3	256QAM	8	0	16.74	16.83	16.77	17.5	4.5
3	256QAM	8	4	16.72	16.75	16.58		
3	256QAM	8	7	16.60	16.64	16.55		
3	256QAM	15	0	16.57	16.70	16.70		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.08	21.16	21.06	22	0
1.4	QPSK	1	3	20.94	21.02	20.90		
1.4	QPSK	1	5	20.94	21.05	20.78		
1.4	QPSK	3	0	20.95	21.10	20.91		
1.4	QPSK	3	1	20.94	20.97	20.87		
1.4	QPSK	3	3	20.95	20.83	20.87		
1.4	QPSK	6	0	20.74	20.82	20.69	21.5	0.5
1.4	16QAM	1	0	20.64	20.79	20.67	21.5	0.5
1.4	16QAM	1	3	20.64	20.72	20.56		
1.4	16QAM	1	5	20.64	20.79	20.56		
1.4	16QAM	3	0	20.57	20.77	20.69		
1.4	16QAM	3	1	20.63	20.64	20.62		
1.4	16QAM	3	3	20.51	20.63	20.55		
1.4	16QAM	6	0	19.76	19.92	19.89	20.5	1.5
1.4	64QAM	1	0	19.66	19.88	19.70	20.5	1.5
1.4	64QAM	1	3	19.74	19.71	19.75		
1.4	64QAM	1	5	19.72	19.77	19.72		
1.4	64QAM	3	0	19.56	19.75	19.64		
1.4	64QAM	3	1	19.56	19.66	19.64		
1.4	64QAM	3	3	19.51	19.57	19.54		
1.4	64QAM	6	0	18.66	18.78	18.72	19.5	2.5
1.4	256QAM	1	0	16.80	16.82	16.78	17.5	4.5
1.4	256QAM	1	3	16.69	16.83	16.67		
1.4	256QAM	1	5	16.66	16.66	16.61		
1.4	256QAM	3	0	16.66	16.76	16.74		
1.4	256QAM	3	1	16.67	16.68	16.61		
1.4	256QAM	3	3	16.62	16.69	16.55		
1.4	256QAM	6	0	16.65	16.79	16.67	17.5	4.5

Band 7 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.92	17.99	17.91	19.2	0
20	QPSK	1	49	17.80	17.85	17.87		
20	QPSK	1	99	17.65	17.75	17.86		
20	QPSK	50	0	17.79	17.92	17.86	19.2	0
20	QPSK	50	24	17.64	17.70	17.76		
20	QPSK	50	50	17.51	17.62	17.81		
20

Band 25 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.43	21.52	21.47	22	0
20	QPSK	1	49	21.40	21.47	21.44		
20	QPSK	1	99	21.34	21.40	21.29		
20	QPSK	50	0	21.04	21.15	21.07	21.5	0.5
20	QPSK	50	24	21.01	21.10	21.02		
20	QPSK	50	50	20.94	21.03	20.89		
20	QPSK	100	0	21.05	21.13	21.09		
20	16QAM	1	0	20.47	20.57	20.53	21.5	0.5
20	16QAM	1	49	20.47	20.52	20.43		
20	16QAM	1	99	20.36	20.45	20.32		
20	16QAM	50	0	20.06	20.11	20.02	20.5	1.5
20	16QAM	50	24	19.97	20.06	20.03		
20	16QAM	50	50	19.93	19.99	19.85		
20	16QAM	100	0	20.09	20.16	20.07		
20	64QAM	1	0	19.48	19.53	19.41	20.5	1.5
20	64QAM	1	49	19.41	19.48	19.41		
20	64QAM	1	99	19.28	19.41	19.27		
20	64QAM	50	0	18.99	19.11	19.06	19.5	2.5
20	64QAM	50	24	18.96	19.06	18.96		
20	64QAM	50	50	18.94	18.99	18.89		
20	64QAM	100	0	18.94	19.01	18.94		
20	256QAM	1	0	17.11	17.17	17.06	17.5	4.5
20	256QAM	1	49	17.04	17.12	17.05		
20	256QAM	1	99	17.00	17.05	16.93		
20	256QAM	50	0	16.90	16.97	16.87	17.5	4.5
20	256QAM	50	24	16.88	16.92	16.89		
20	256QAM	50	50	16.74	16.85	16.71		
20	256QAM	100	0	16.84	16.99	16.95		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.31	21.44	21.37	22	0
15	QPSK	1	37	21.32	21.33	21.39		
15	QPSK	1	74	21.24	21.36	21.18		
15	QPSK	36	0	20.95	21.07	21.03	21.5	0.5
15	QPSK	36	20	20.94	20.95	20.88		
15	QPSK	36	39	20.80	20.99	20.79		
15	QPSK	75	0	21.01	20.98	21.01		
15	16QAM	1	0	20.34	20.43	20.40	21.5	0.5
15	16QAM	1	37	20.41	20.43	20.39		
15	16QAM	1	74	20.33	20.36	20.18		
15	16QAM	36	0	19.93	19.99	19.98	20.5	1.5
15	16QAM	36	20	19.85	19.91	19.94		
15	16QAM	36	39	19.89	19.94	19.77		
15	16QAM	75	0	19.97	20.12	19.94		
15	64QAM	1	0	19.33	19.42	19.37	20.5	1.5
15	64QAM	1	37	19.29	19.35	19.26		
15	64QAM	1	74	19.24	19.37	19.19		
15	64QAM	36	0	18.87	19.05	18.93	19.5	2.5
15	64QAM	36	20	18.92	19.02	18.87		
15	64QAM	36	39	18.83	18.96	18.86		
15	64QAM	75	0	18.86	18.94	18.82		
15	256QAM	1	0	16.97	17.13	16.92	17.5	4.5
15	256QAM	1	37	16.92	17.00	17.00		
15	256QAM	1	74	16.86	16.95	16.87		
15	256QAM	36	0	16.81	16.88	16.81	17.5	4.5
15	256QAM	36	20	16.77	16.86	16.76		
15	256QAM	36	39	16.64	16.74	16.66		
15	256QAM	75	0	16.71	16.92	16.92		
Channel				26090	26340	26540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.37	21.48	21.43	22	0
10	QPSK	1	25	21.33	21.40	21.38		
10	QPSK	1	49	21.22	21.26	21.16		
10	QPSK	25	0	20.98	21.06	20.95	21.5	0.5
10	QPSK	25	12	20.89	21.02	20.93		
10	QPSK	25	25	20.85	20.94	20.75		
10	QPSK	50	0	20.91	21.03	20.96		
10	16QAM	1	0	20.32	20.42	20.41	21.5	0.5
10	16QAM	1	25	20.34	20.44	20.38		
10	16QAM	1	49	20.26	20.37	20.26		
10	16QAM	25	0	19.99	20.00	19.91	20.5	1.5
10	16QAM	25	12	19.82	19.98	20.00		
10	16QAM	25	25	19.80	19.92	19.71		
10	16QAM	50	0	19.96	20.06	19.98		
10	64QAM	1	0	19.40	19.44	19.38	20.5	1.5
10	64QAM	1	25	19.34	19.34	19.30		
10	64QAM	1	49	19.20	19.27	19.16		
10	64QAM	25	0	18.85	19.06	18.99	19.5	2.5
10	64QAM	25	12	18.85	19.01	18.83		
10	64QAM	25	25	18.84	18.94	18.81		
10	64QAM	50	0	18.87	18.96	18.88		
10	256QAM	1	0	17.06	17.09	17.00	17.5	4.5
10	256QAM	1	25	16.94	17.04	16.99		
10	256QAM	1	49	16.92	16.98	16.86		
10	256QAM	25	0	16.79	16.89	16.76	17.5	4.5
10	256QAM	25	12	16.77	16.88	16.74		
10	256QAM	25	25	16.70	16.72	16.58		
10	256QAM	50	0	16.79	16.95	16.82		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.35	21.40	21.33	22	0
5	QPSK	1	12	21.27	21.32	21.39		
5	QPSK	1	24	21.22	21.30	21.19		
5	QPSK	12	0	20.91	21.12	21.03	21.5	0.5
5	QPSK	12	7	20.97	21.03	20.97		
5	QPSK	12	13	20.83	20.95	20.86		
5	QPSK	25	0	20.98	20.99	20.98		
5	16QAM	1	0	20.42	20.47	20.47	21.5	0.5
5	16QAM	1	12	20.34	20.43	20.29		
5	16QAM	1	24	20.29	20.40	20.18		
5	16QAM	12	0	19.94	20.02	19.97	20.5	1.5
5	16QAM	12	7	19.93	20.00	19.88		
5	16QAM	12	13	19.85	19.88	19.81		
5	16QAM	25	0	20.00	20.01	19.95		
5	64QAM	1	0	19.33	19.42	19.33	20.5	1.5
5	64QAM	1	12	19.37	19.36	19.34		
5	64QAM	1	24	19.16	19.29	19.19		
5	64QAM	12	0	18.96	19.07	19.00	19.5	2.5
5	64QAM	12	7	18.83	18.94	18.89		
5	64QAM	12	13	18.84	18.92	18.77		
5	64QAM	25	0	18.80	18.94	18.89		
5	256QAM	1	0	17.02	17.13	17.00	17.5	4.5
5	256QAM	1	12	16.96	16.97	16.92		
5	256QAM	1	24	16.88	16.90	16.83		
5	256QAM	12	0	16.84	16.84	16.82	17.5	4.5
5	256QAM	12	7	16.74	16.81	16.84		
5	256QAM	12	13	16.65	16.74	16.65		
5	256QAM	25	0	16.73	16.84	16.89		
Channel				26055	26340	26575	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.39	21.45	21.33	22	0
3	QPSK	1	8	21.37	21.33	21.38		
3	QPSK	1	14	21.31	21.34	21.18		
3	QPSK	8	0	20.91	21.02	20.99	21.5	0.5
3	QPSK	8	4	20.87	21.04	20.96		
3	QPSK	8	7	20.81	20.93	20.83		
3	QPSK	15	0	20.98	21.07	21.01		
3	16QAM	1	0	20.39	20.43	20.42	21.5	0.5
3	16QAM	1	8	20.44	20.41	20.35		
3	16QAM	1	14	20.31	20.40	20.21		
3	16QAM	8	0	20.01	20.01	19.87	20.5	1.5
3	16QAM	8	4	19.94	19.92	19.93		
3	16QAM	8	7	19.86	19.87	19.72		
3	16QAM	15	0	19.96	20.03	20.03		
3	64QAM	1	0	19.39	19.38	19.29	20.5	1.5
3	64QAM	1	8	19.34	19.39	19.24		
3	64QAM	1	14	19.22	19.29	19.14		
3	64QAM	8	0	18.93	19.05	19.02	19.5	2.5
3	64QAM	8	4	18.92	18.96	18.84		
3	64QAM	8	7	18.84	18.85	18.84		
3	64QAM	15	0	18.90	18.88	18.84		
3	256QAM	1	0	17.05	17.11	16.96	17.5	4.5
3	256QAM	1	8	16.91	16.97	16.91		
3	256QAM	1	14	16.96	16.92	16.79		
3	256QAM	8	0	16.77	16.87	16.82	17.5	4.5
3	256QAM	8	4	16.85	16.89	16.84		
3	256QAM	8	7	16.66	16.78	16.57		
3	256QAM	15	0	16.71	16.93	16.87		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.36	21.37	21.37	22	0
1.4	QPSK	1	3	21.30	21.35	21.26		
1.4	QPSK	1	5	21.28	21.32	21.21		
1.4	QPSK	3	0	21.22	21.28	21.20		
1.4	QPSK	3	1	21.28	21.32	21.23		
1.4	QPSK	3	3	21.29	21.27	21.17		
1.4	QPSK	6	0	20.99	21.02	20.95	21.5	0.5
1.4	16QAM	1	0	20.92	21.04	20.91	21.5	0.5
1.4	16QAM	1	3	20.88	20.98	20.82		
1.4	16QAM	1	5	20.96	21.10	21.05		
1.4	16QAM	3	0	20.40	20.49	20.39		
1.4	16QAM	3	1	20.40	20.43	20.35		
1.4	16QAM	3	3	20.29	20.34	20.18		
1.4	16QAM	6	0	19.97	20.03	19.94	20.5	1.5
1.4	64QAM	1	0	19.86	19.95	19.94	20.5	1.5
1.4	64QAM	1	3	19.86	19.93	19.73		
1.4	64QAM	1	5	20.04	20.05	19.93		
1.4	64QAM	3	0	19.39	19.41	19.29		
1.4	64QAM	3	1	19.31	19.41	19.30		
1.4	64QAM	3	3	19.17	19.33	19.14		
1.4	64QAM	6	0	18.93	18.97	19.02	19.5	2.5
1.4	256QAM	1	0	17.00	17.09	16.92	17.5	4.5
1.4	256QAM	1	3	16.90	16.98	17.01		
1.4	256QAM	1	5	16.93	16.94	16.89		
1.4	256QAM	3	0	16.81	16.84	16.73		
1.4	256QAM	3	1	16.74	16.78	16.76		
1.4	256QAM	3	3	16.67	16.71	16.56		
1.4	256QAM	6	0	16.80	16.85	16.89	17.5	4.5

Band 66 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.43	21.57	21.51	22	0
20	QPSK	1	49	21.38	21.52	21.45		
20	QPSK	1	99	21.41	21.45	21.38		
20	QPSK	50	0	20.61	20.72	20.58	21	1
20	QPSK	50	24	20.52	20.64	20.51		
20	QPSK	50	50	20.51	20.57	20.43		
20	QPSK	100	0	20.56	20.65	20.57		
20	16QAM	1	0	20.73	20.87	20.84	21	1
20	16QAM	1	49	20.72	20.82	20.72		
20	16QAM	1	99	20.69	20.75	20.67		
20	16QAM	50	0	19.68	19.77	19.64	20	2
20	16QAM	50	24	19.63	19.72	19.62		
20	16QAM	50	50	19.53	19.65	19.50		
20	16QAM	100	0	19.62	19.69	19.58		
20	64QAM	1	0	19.64	19.77	19.73	20	2
20	64QAM	1	49	19.62	19.72	19.58		
20	64QAM	1	99	19.55	19.65	19.54		
20	64QAM	50	0	18.53	18.64	18.58	19	3
20	64QAM	50	24	18.44	18.59	18.51		
20	64QAM	50	50	18.38	18.52	18.47		
20	64QAM	100	0	18.67	18.73	18.59		
20	256QAM	1	0	16.62	16.71	16.60	17	5
20	256QAM	1	49	16.57	16.66	16.60		
20	256QAM	1	99	16.45	16.59	16.49		
20	256QAM	50	0	16.53	16.63	16.50	17	5
20	256QAM	50	24	16.48	16.58	16.50		
20	256QAM	50	50	16.43	16.51	16.37		
20	256QAM	100	0	16.52	16.61	16.49		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.36	21.53	21.42	22	0
15	QPSK	1	37	21.26	21.40	21.37		
15	QPSK	1	74	21.35	21.31	21.27		
15	QPSK	36	0	20.58	20.60	20.44	21	1
15	QPSK	36	20	20.46	20.56	20.38		
15	QPSK	36	39	20.45	20.43	20.37		
15	QPSK	75	0	20.42	20.57	20.52		
15	16QAM	1	0	20.64	20.77	20.72	21	1
15	16QAM	1	37	20.62	20.71	20.66		
15	16QAM	1	74	20.65	20.68	20.54		
15	16QAM	36	0	19.55	19.63	19.60	20	2
15	16QAM	36	20	19.48	19.61	19.56		
15	16QAM	36	39	19.45	19.50	19.40		
15	16QAM	75	0	19.50	19.58	19.47		
15	64QAM	1	0	19.58	19.72	19.59	20	2
15	64QAM	1	37	19.49	19.68	19.54		
15	64QAM	1	74	19.42	19.54	19.44		
15	64QAM	36	0	18.48	18.51	18.54	19	3
15	64QAM	36	20	18.33	18.51	18.43		
15	64QAM	36	39	18.25	18.44	18.39		
15	64QAM	75	0	18.54	18.61	18.55		
15	256QAM	1	0	16.53	16.57	16.51	17	5
15	256QAM	1	37	16.51	16.56	16.57		
15	256QAM	1	74	16.37	16.56	16.42		
15	256QAM	36	0	16.43	16.50	16.37	17	5
15	256QAM	36	20	16.39	16.46	16.40		
15	256QAM	36	39	16.34	16.47	16.31		
15	256QAM	75	0	16.46	16.47	16.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.29	21.50	21.40	22	0
10	QPSK	1	25	21.29	21.47	21.38		
10	QPSK	1	49	21.28	21.31	21.24		
10	QPSK	25	0	20.50	20.59	20.47	21	1
10	QPSK	25	12	20.42	20.56	20.41		
10	QPSK	25	25	20.44	20.49	20.36		
10	QPSK	50	0	20.50	20.52	20.44		
10	16QAM	1	0	20.62	20.74	20.77	21	1
10	16QAM	1	25	20.60	20.79	20.61		
10	16QAM	1	49	20.56	20.62	20.61		
10	16QAM	25	0	19.56	19.69	19.52	20	2
10	16QAM	25	12	19.56	19.61	19.53		
10	16QAM	25	25	19.44	19.54	19.41		
10	16QAM	50	0	19.49	19.66	19.48		
10	64QAM	1	0	19.53	19.64	19.60	20	2
10	64QAM	1	25	19.53	19.58	19.48		
10	64QAM	1	49	19.45	19.62	19.49		
10	64QAM	25	0	18.46	18.53	18.49	19	3
10	64QAM	25	12	18.38	18.49	18.45		
10	64QAM	25	25	18.33	18.42	18.42		
10	64QAM	50	0	18.56	18.67	18.51		
10	256QAM	1	0	16.59	16.64	16.50	17	5
10	256QAM	1	25	16.52	16.61	16.46		
10	256QAM	1	49	16.30	16.52	16.38		
10	256QAM	25	0	16.46	16.59	16.45	17	5
10	256QAM	25	12	16.43	16.52	16.47		
10	256QAM	25	25	16.39	16.37	16.32		
10	256QAM	50	0	16.39	16.58	16.46		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.35	21.44	21.41	22	0
5	QPSK	1	12	21.26	21.38	21.40		
5	QPSK	1	24	21.27	21.33	21.31		
5	QPSK	12	0	20.54	20.60	20.47	21	1
5	QPSK	12	7	20.40	20.54	20.36		
5	QPSK	12	13	20.37	20.45	20.29		
5	QPSK	25	0	20.49	20.53	20.44		
5	16QAM	1	0	20.59	20.73	20.80	21	1
5	16QAM	1	12	20.58	20.74	20.64		
5	16QAM	1	24	20.61	20.66	20.63		
5	16QAM	12	0	19.63	19.69	19.49	20	2
5	16QAM	12	7	19.56	19.62	19.48		
5	16QAM	12	13	19.38	19.53	19.38		
5	16QAM	25	0	19.56	19.54	19.55		
5	64QAM	1	0	19.50	19.73	19.63	20	2
5	64QAM	1	12	19.55	19.66	19.48		
5	64QAM	1	24	19.43	19.58	19.40		
5	64QAM	12	0	18.46	18.60	18.51	19	3
5	64QAM	12	7	18.40	18.45	18.41		
5	64QAM	12	13	18.26	18.43	18.36		
5	64QAM	25	0	18.59	18.60	18.46		
5	256QAM	1	0	16.53	16.57	16.52	17	5
5	256QAM	1	12	16.52	16.58	16.47		
5	256QAM	1	24	16.33	16.45	16.37		
5	256QAM	12	0	16.43	16.53	16.36	17	5
5	256QAM	12	7	16.43	16.44	16.46		
5	256QAM	12	13	16.40	16.37	16.22		
5	256QAM	25	0	16.44	16.51	16.36		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.31	21.47	21.42	22	0
3	QPSK	1	8	21.25	21.43	21.36		
3	QPSK	1	14	21.34	21.40	21.35		
3	QPSK	8	0	20.57	20.64	20.43	21	1
3	QPSK	8	4	20.43	20.49	20.42		
3	QPSK	8	7	20.41	20.48	20.32		
3	QPSK	15	0	20.42	20.51	20.50		
3	16QAM	1	0	20.63	20.81	20.81	21	1
3	16QAM	1	8	20.63	20.71	20.61		
3	16QAM	1	14	20.63	20.71	20.52		
3	16QAM	8	0	19.62	19.71	19.57	20	2
3	16QAM	8	4	19.51	19.68	19.51		
3	16QAM	8	7	19.49	19.53	19.44		
3	16QAM	15	0	19.58	19.64	19.50		
3	64QAM	1	0	19.55	19.72	19.62	20	2
3	64QAM	1	8	19.48	19.58	19.49		
3	64QAM	1	14	19.42	19.60	19.49		
3	64QAM	8	0	18.41	18.53	18.45	19	3
3	64QAM	8	4	18.34	18.56	18.39		
3	64QAM	8	7	18.29	18.38	18.37		
3	64QAM	15	0	18.56	18.65	18.54		
3	256QAM	1	0	16.53	16.60	16.51	17	5
3	256QAM	1	8	16.52	16.56	16.52		
3	256QAM	1	14	16.32	16.53	16.37		
3	256QAM	8	0	16.39	16.60	16.45	17	5
3	256QAM	8	4	16.41	16.49	16.38		
3	256QAM	8	7	16.29	16.41	16.30		
3	256QAM	15	0	16.42	16.48	16.42		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.35	21.48	21.39	22	0
1.4	QPSK	1	3	21.34	21.39	21.33		
1.4	QPSK	1	5	21.38	21.41	21.35		
1.4	QPSK	3	0	21.33	21.46	21.39		
1.4	QPSK	3	1	21.26	21.39	21.42		
1.4	QPSK	3	3	21.26	21.37	21.30		
1.4	QPSK	6	0	20.56	20.69	20.51	21.5	0.5
1.4	16QAM	1	0	20.40	20.49	20.47	21.5	0.5
1.4	16QAM	1	3	20.40	20.53	20.32		
1.4	16QAM	1	5	20.52	20.61	20.53		
1.4	16QAM	3	0	20.65	20.83	20.69		
1.4	16QAM	3	1	20.58	20.70	20.67		
1.4	16QAM	3	3	20.65	20.61	20.64		
1.4	16QAM	6	0	19.54	19.68	19.58	20.5	1.5
1.4	64QAM	1	0	19.59	19.66	19.51	20.5	1.5
1.4	64QAM	1	3	19.42	19.54	19.41		
1.4	64QAM	1	5	19.48	19.54	19.50		
1.4	64QAM	3	0	19.59	19.68	19.65		
1.4	64QAM	3	1	19.49	19.58	19.48		
1.4	64QAM	3	3	19.42	19.58	19.48		
1.4	64QAM	6	0	18.40	18.51	18.47	19.5	2.5
1.4	256QAM	1	0	16.49	16.65	16.49	17.5	4.5
1.4	256QAM	1	3	16.49	16.59	16.50		
1.4	256QAM	1	5	16.32	16.51	16.43		
1.4	256QAM	3	0	16.47	16.48	16.37		
1.4	256QAM	3	1	16.38	16.45	16.44		
1.4	256QAM	3	3	16.29	16.39	16.25		
1.4	256QAM	6	0	16.42	16.47	16.38	17.5	4.5

Band 38 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.03	22.08	21.93		
20	QPSK	1	49	21.95	22.05	21.81	23	0
20	QPSK	1	99	21.77	21.93	21.84		
20	QPSK	50	0	21.43	21.49	21.37		
20	QPSK	50	24	21.18	21.39	21.36	23	0
20	QPSK	50	50	21.33	21.25	21.28		
20	QPSK	100	0	21.22	21.46	21.26		
20	16QAM	1	0	21.27	21.33	21.11		
20	16QAM	1	49	21.18	21.33	21.12	23	0
20	16QAM	1	99	21.14	21.11	21.09		
20	16QAM	50	0	20.41	20.51	20.56		
20	16QAM	50	24	20.34	20.51	20.51	22	1
20	16QAM	50	50	20.26	20.36	20.26		
20	16QAM	100	0	20.26	20.40	20.27		
20	64QAM	1	0	20.26	20.27	20.25		
20	64QAM	1	49	20.21	20.26	20.24	22	1
20	64QAM	1	99	20.05	20.14	20.04		
20	64QAM	50	0	19.47	19.55	19.42		
20	64QAM	50	24	19.43	19.48	19.41	21	2
20	64QAM	50	50	19.31	19.45	19.35		
20	64QAM	100	0	19.24	19.31	19.20		
20	256QAM	1	0	17.41	17.48	17.31		
20	256QAM	1	49	17.29	17.34	17.21	19	4
20	256QAM	1	99	17.20	17.30	17.19		
20	256QAM	50	0	17.31	17.46	17.36		
20	256QAM	50	24	17.36	17.33	17.27	19	4
20	256QAM	50	50	17.21	17.33	17.11		
20	256QAM	100	0	17.25	17.27	17.25		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
15	QPSK	1	0	21.96	21.93	21.90		
15	QPSK	1	37	21.89	21.96	21.73	23	0
15	QPSK	1	74	21.68	21.84	21.71		
15	QPSK	36	0	21.37	21.43	21.32		
15	QPSK	36	20	21.13	21.34	21.30	23	0
15	QPSK	36	39	21.30	21.08	21.15		
15	QPSK	75	0	21.13	21.33	21.13		
15	16QAM	1	0	21.25	21.20	21.18		
15	16QAM	1	37	21.16	21.17	21.08	23	0
15	16QAM	1	74	21.01	21.06	21.02		
15	16QAM	36	0	20.31	20.44	20.43		
15	16QAM	36	20	20.31	20.37	20.38	22	1
15	16QAM	36	39	20.19	20.32	20.12		
15	16QAM	75	0	20.16	20.30	20.13		
15	64QAM	1	0	20.12	20.14	20.12		
15	64QAM	1	37	20.17	20.21	20.11	22	1
15	64QAM	1	74	20.16	20.06	20.15		
15	64QAM	36	0	19.37	19.46	19.32		
15	64QAM	36	20	19.38	19.45	19.34	21	2
15	64QAM	36	39	19.23	19.41	19.25		
15	64QAM	75	0	19.15	19.27	19.11		
15	256QAM	1	0	17.29	17.36	17.20		
15	256QAM	1	37	17.15	17.19	17.12	19	4
15	256QAM	1	74	17.10	17.23	17.05		
15	256QAM	36	0	17.19	17.42	17.31		
15	256QAM	36	20	17.27	17.30	17.14	19	4
15	256QAM	36	39	17.13	17.19	17.10		
15	256QAM	75	0	17.15	17.21	17.13		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	21.96	22.02	21.82		
10	QPSK	1	25	21.80	22.00	21.66	23	0
10	QPSK	1	49	21.61	21.90	21.73		
10	QPSK	25	0	21.41	21.43	21.30		
10	QPSK	25	12	21.09	21.28	21.33	23	0
10	QPSK	25	25	21.23	21.19	21.18		
10	QPSK	50	0	21.19	21.42	21.13		
10	16QAM	1	0	21.18	21.27	21.17		
10	16QAM	1	25	21.20	21.22	21.19	23	0
10	16QAM	1	49	21.05	21.10	21.06		
10	16QAM	25	0	20.32	20.39	20.51		
10	16QAM	25	12	20.21	20.39	20.46	22	1
10	16QAM	25	25	20.21	20.24	20.22		
10	16QAM	50	0	20.19	20.36	20.15		
10	64QAM	1	0	20.16	20.21	20.18		
10	64QAM	1	25	20.12	20.19	20.12	22	1
10	64QAM	1	49	20.15	20.00	20.19		
10	64QAM	25	0	19.39	19.51	19.28		
10	64QAM	25	12	19.36	19.39	19.26	21	2
10	64QAM	25	25	19.22	19.40	19.32		
10	64QAM	50	0	19.16	19.27	19.14		
10	256QAM	1	0	17.29	17.34	17.17		
10	256QAM	1	25	17.18	17.24	17.09	19	4
10	256QAM	1	49	17.16	17.26	17.04		
10	256QAM	25	0	17.24	17.36	17.29		
10	256QAM	25	12	17.32	17.29	17.18	19	4
10	256QAM	25	25	17.11	17.23	17.15		
10	256QAM	50	0	17.12	17.13	17.20		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2570.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	21.93	22.05	21.90		
5	QPSK	1	12	21.78	22.03	21.78	23	0
5	QPSK	1	24	21.63	21.77	21.78		
5	QPSK	12	0	21.39	21.33	21.21		
5	QPSK	12	7	21.10	21.30	21.27	23	0
5	QPSK	12	13	21.18	21.20	21.24		
5	QPSK	25	0	21.10	21.42	21.13		
5	16QAM	1	0	21.15	21.22	21.18		
5	16QAM	1	12	21.14	21.19	21.16	23	0
5	16QAM	1	24	21.15	21.13	21.04		
5	16QAM	12	0	20.30	20.39	20.51		
5	16QAM	12	7	20.21	20.40	20.39	22	1
5	16QAM	12	13	20.21	20.26	20.11		
5	16QAM	25	0	20.13	20.33	20.21		
5	64QAM	1	0	20.16	20.23	20.15		
5	64QAM	1	12	20.06	20.22	20.12	22	1
5	64QAM	1	24	20.16	20.10	20.19		
5	64QAM	12	0	19.37	19.47	19.28		
5	64QAM	12	7	19.30	19.41	19.37	21	2
5	64QAM	12	13	19.22	19.38	19.27		
5	64QAM	25	0	19.16	19.27	19.15		
5	256QAM	1	0	17.36	17.44	17.24		
5	256QAM	1	12	17.17	17.30	17.17	19	4
5	256QAM	1	24	17.07	17.25	17.07		
5	256QAM	12	0	17.23	17.33	17.27		
5	256QAM	12	7	17.31	17.29	17.18	19	4
5	256QAM	12	13	17.15	17.28	17.15		
5	256QAM	25	0	17.18	17.15	17.14		

Band 41 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.11	22.06	22.19	22.07	22.02		
20	QPSK	1	49	22.10	21.99	22.11	21.92	21.85	23	0
20	QPSK	1	99	22.02	21.94	22.11	21.95	21.87		
20	QPSK	50	0	21.46	21.47	21.53	21.47	21.43		
20	QPSK	50	24	21.36	21.34	21.49	21.42	21.30	23	0
20	QPSK	50	50	21.27	21.36	21.41	21.31	21.22		
20	QPSK	100	0	21.41	21.36	21.49	21.44	21.32		
20	16QAM	1	0	21.35	21.36	21.41	21.28	21.23		
20	16QAM	1	49	21.22	21.23	21.36	21.23	21.19	23	0
20	16QAM	1	99	21.15	21.20	21.29	21.26	21.12		
20	16QAM	50	0	20.42	20.49	20.57	20.45	20.47		
20	16QAM	50	24	20.37	20.39	20.52	20.37	20.39	22	1
20	16QAM	50	50	20.37	20.31	20.45	20.40	20.30		
20	16QAM	100	0	20.47	20.40	20.52	20.38	20.40		
20	64QAM	1	0	20.40	20.42	20.48	20.40	20.36		
20	64QAM	1	49	20.32	20.35	20.43	20.29	20.34	22	1
20	64QAM	1	99	20.23	20.31	20.36	20.23	20.26		
20	64QAM	50	0	19.48	19.40	19.55	19.46	19.39		
20	64QAM	50	24	19.44	19.47	19.50	19.37	19.39	21	2
20	64QAM	50	50	19.33	19.30	19.43	19.39	19.27		
20	64QAM	100	0	19.36	19.43	19.50	19.37	19.37		
20	256QAM	1	0	17.53	17.51	17.62	17.49	17.53		
20	256QAM	1	49	17.54	17.51	17.57	17.50	17.45	19	4
20	256QAM	1	99	17.46	17.43	17.50	17.38	17.37		
20	256QAM	50	0	17.48	17.48	17.54	17.48	17.35		
20	256QAM	50	24	17.34	17.37	17.49	17.41	17.31	19	4
20	256QAM	50	50	17.30	17.35	17.42	17.33	17.32		
20	256QAM	100	0	17.43	17.36	17.48	17.35	17.40		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	22.06	21.95	22.03	21.97	21.88		
15	QPSK	1	37	21.95	21.91	22.07	21.85	21.75	23.00	0
15	QPSK	1	74	21.86	21.83	22.05	21.79	21.77		
15	QPSK	36	0	21.33	21.43	21.48	21.37	21.35		
15	QPSK	36	20	21.22	21.27	21.40	21.39	21.17	23	0
15	QPSK	36	39	21.16	21.24	21.27	21.23	21.14		
15	QPSK	75	0	21.31	21.24	21.44	21.32	21.26		
15	16QAM	1	0	21.31	21.32	21.29	21.15	21.17		
15	16QAM	1	37	21.15	21.15	21.28	21.15	21.10	23	0
15	16QAM	1	74	21.11	21.10	21.20	21.11	21.04		
15	16QAM	36	0	20.31	20.45	20.43	20.39	20.39		
15	16QAM	36	20	20.29	20.33	20.49	20.30	20.31	22	1
15	16QAM	36	39	20.25	20.28	20.39	20.32	20.22		
15	16QAM	75	0	20.39	20.33	20.42	20.27	20.29		
15	64QAM	1	0	20.29	20.27	20.35	20.31	20.29		
15	64QAM	1	37	20.29	20.31	20.32	20.20	20.25	22	1
15	64QAM	1	74	20.16	20.21	20.30	20.17	20.14		
15	64QAM	36	0	19.44	19.30	19.47	19.31	19.33		
15	64QAM	36	20	19.38	19.36	19.41	19.23	19.35	21	2
15	64QAM	36	39	19.19	19.16	19.34	19.24	19.17		
15	64QAM	75	0	19.23	19.32	19.39	19.25	19.26		
15	256QAM	1	0	17.40	17.46	17.53	17.37	17.41		
15	256QAM	1	37	17.48	17.46	17.49	17.44	17.31	19	4
15	256QAM	1	74	17.33	17.34	17.44	17.31	17.24		
15	256QAM	36	0	17.42	17.41	17.47	17.37	17.27		
15	256QAM	36	20	17.27	17.33	17.44	17.38	17.26	19	4
15	256QAM	36	39	17.25	17.30	17.29	17.25	17.27		
15	256QAM	75	0	17.36	17.32	17.34	17.29	17.25		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	21.98	21.98	22.13	21.96	21.90		
10	QPSK	1	25	22.06	21.95	22.03	21.80	21.69	23.00	0
10	QPSK	1	49	21.92	21.86	21.96	21.83	21.82		
10	QPSK	25	0	21.37	21.37	21.41	21.35	21.30		
10	QPSK	25	12	21.24	21.20	21.34	21.30	21.18	23	0
10	QPSK	25	25	21.20	21.26	21.29	21.20	21.16		
10	QPSK	50	0	21.34	21.26	21.40	21.29	21.21		
10	16QAM	1	0	21.32	21.21	21.29	21.18	21.19		
10	16QAM	1	25	21.17	21.18	21.26	21.15	21.15	23	0
10	16QAM	1	49	21.06	21.07	21.14	21.22	21.03		
10	16QAM	25	0	20.39	20.39	20.44	20.37	20.32		
10	16QAM	25	12	20.25	20.29	20.49	20.29	20.26	22	1
10	16QAM	25	25	20.33	20.19	20.38	20.36	20.27		
10	16QAM	50	0	20.43	20.32	20.47	20.28	20.28		
10	64QAM	1	0	20.27	20.28	20.42	20.27	20.25		
10	64QAM	1	25	20.24	20.27	20.30	20.18	20.28	22	1
10	64QAM	1	49	20.09	20.18	20.33	20.10	20.22		
10	64QAM	25	0	19.38	19.34	19.44	19.32	19.30		
10	64QAM	25	12	19.34	19.35	19.35	19.24	19.25	21	2
10	64QAM	25	25	19.25	19.22	19.29	19.35	19.14		
10	64QAM	50	0	19.28	19.31	19.47	19.27	19.30		
10	256QAM	1	0	17.40	17.42	17.56	17.46	17.40		
10	256QAM	1	25	17.44	17.46	17.53	17.43	17.38	19	4
10	256QAM	1	49	17.43	17.39	17.45	17.23	17.29		
10	256QAM	25	0	17.43	17.34	17.50	17.40	17.28		
10	256QAM	25	12	17.29	17.27	17.44	17.27	17.20	19	4
10	256QAM	25	25	17.23	17.23	17.37	17.27	17.28		
10	256QAM	50	0	17.30	17.25	17.43	17.24	17.33		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2548.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	22.06	21.96	22.12	22.00	21.96		
5	QPSK	1	12	21.94	21.97	22.03	21.85	21.74	23.00	0
5	QPSK	1	24	21.94	21.90	21.95	21.89	21.74		
5	QPSK	12	0	21.37	21.35	21.41	21.33	21.29		
5	QPSK	12	7	21.27	21.29	21.43	21.30	21.23	23	0
5	QPSK	12	13	21.22	21.31	21.38	21.22	21.15		
5	QPSK	25	0	21.30	21.29	21.38	21.35	21.21		
5	16QAM	1	0	21.23	21.27	21.29	21.17	21.17		
5	16QAM	1	12	21.14	21.17	21.27	21.18	21.10	23	0
5	16QAM	1	24	21.02	21.16	21.15	21.21	21.06		
5	16QAM	12	0	20.37	20.40	20.45	20.33	20.32		
5	16QAM	12	7	20.27	20.36	20.43	20.26	20.31	22	1
5	16QAM	12	13	20.27	20.26	20.36	20.31	20.17		
5	16QAM	25	0	20.42	20.29	20.41	20.30	20.34		
5	64QAM	1	0	20.26	20.35	20.37	20.30	20.29		
5	64QAM	1	12	20.18	20.30	20.31	20.16	20.22	22	1
5	64QAM	1	24	20.12	20.17	20.29	20.12	20.19		
5	64QAM	12	0	19.34	19.32	19.47	19.39	19.35		
5	64QAM	12	7	19.31	19.37	19.35	19.31	19.36	21	2
5	64QAM	12	13	19.28	19.19	19.31	19.29	19.23		
5	64QAM	25	0	19.31	19.31	19.47	19.31	19.25		
5	256QAM	1	0	17.46	17.36	17.48	17.36	17.48		
5	256QAM	1	12	17.46	17.44	17.47	17.40	17.38	19	4
5	256QAM	1	24	17.33	17.40	17.40	17.26	17.30		
5	256QAM	12	0	17.34	17.43	17.49	17.45	17.31		
5	256QAM	12	7	17.26	17.26	17.45	17.34	17.27	19	4
5	256QAM	12	13	17.25	17.26	17.32	17.21	17.26		
5	256QAM	25	0	17.33	17.26	17.44	17.20	17.28		

Band 41 HPUE Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.29	23.25	23.34	23.28	23.30		
20	QPSK	1	49	23.12	23.23	23.27	23.15	23.25	24.6	0
20	QPSK	1	99	23.11	23.07	23.31	23.14	23.17		
20	QPSK	50	0	23.19	23.16	23.25	23.16	23.23		
20	QPSK	50	24	22.96	23.09	23.13	23.11	23.11	24.6	0
20	QPSK	50	50	23.03	22.96	23.16	23.04	23.03		
20	QPSK	100	0	23.16	23.08	23.22	23.15	23.26		
20	16QAM	1	0	22.99	23.12	23.21	23.11	23.19		
20	16QAM	1	49	22.94	23.05	23.26	23.05	23.04	24.6	0
20	16QAM	1	99	23.24	23.14	23.31	23.17	23.17		
20	16QAM	50	0	22.97	23.08	23.10	22.97	23.22		
20	16QAM	50	24	22.98	22.93	23.26	23.06	23.07	24.6	0
20	16QAM	50	50	23.18	23.20	23.23	23.12	23.24		
20	16QAM	100	0	23.04	23.21	23.21	23.12	23.19		
20	64QAM	1	0	23.23	23.07	23.20	23.13	23.26		
20	64QAM	1	49	23.06	23.17	23.18	23.06	23.11	24.6	0
20	64QAM	1	99	23.07	23.04	23.26	23.10	23.09		
20	64QAM	50	0	23.19	23.09	23.29	23.23	23.14		
20	64QAM	50	24	23.08	23.18	23.21	23.00	23.21	24	0.6
20	64QAM	50	50	23.17	23.22	23.28	23.22	23.16		
20	64QAM	100	0	22.98	23.07	23.12	23.05	23.09		
20	256QAM	1	0	21.69	21.81	21.95	21.76	21.81		
20	256QAM	1	49	21.72	21.76	21.95	21.81	21.91	22	2.6
20	256QAM	1	99	21.62	21.68	21.73	21.75	21.64		
20	256QAM	50	0	21.55	21.58	21.74	21.63	21.67		
20	256QAM	50	24	21.39	21.53	21.59	21.50	21.52	22	2.6
20	256QAM	50	50	21.36	21.51	21.54	21.48	21.43		
20	256QAM	100	0	21.50	21.63	21.77	21.59	21.63		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	23.20	23.10	23.18	23.13	23.20		
15	QPSK	1	37	23.05	23.09	23.13	22.99	23.15	24.60	0
15	QPSK	1	74	23.09	22.95	23.15	22.97	23.03		
15	QPSK	36	0	23.02	23.04	23.22	23.10	23.20		
15	QPSK	36	20	22.93	22.96	23.09	23.04	23.03	24.6	0
15	QPSK	36	39	22.93	22.83	23.10	22.99	22.86		
15	QPSK	75	0	23.00	23.03	23.08	23.02	23.20		
15	16QAM	1	0	22.83	23.02	23.13	22.93	23.15		
15	16QAM	1	37	22.91	22.99	23.14	22.86	23.06	24.6	0
15	16QAM	1	74	23.18	22.98	23.23	23.14	23.07		
15	16QAM	36	0	22.93	22.91	23.02	22.93	23.13		
15	16QAM	36	20	22.86	22.84	23.15	23.03	23.01	24.6	0
15	16QAM	36	39	23.02	23.13	23.06	23.06	23.22		
15	16QAM	75	0	22.96	23.18	23.06	22.98	23.17		
15	64QAM	1	0	23.06	22.99	23.04	22.96	23.14		
15	64QAM	1	37	23.00	22.99	23.02	22.91	23.07	24.6	0
15	64QAM	1	74	22.97	22.99	23.18	22.95	23.00		
15	64QAM	36	0	23.18	23.21	23.24	23.20	23.27		
15	64QAM	36	20	23.01	23.18	23.20	23.05	23.08	24	0.6
15	64QAM	36	39	23.11	23.08	23.22	23.20	23.16		
15	64QAM	75	0	23.03	23.07	23.13	23.00	23.23		
15	256QAM	1	0	21.64	21.69	21.82	21.70	21.86		
15	256QAM	1	37	21.63	21.64	21.84	21.73	21.83	22	2.6
15	256QAM	1	74	21.48	21.61	21.62	21.60	21.52		
15	256QAM	36	0	21.50	21.54	21.68	21.59	21.61		
15	256QAM	36	20	21.31	21.44	21.51	21.46	21.38	22	2.6
15	256QAM	36	39	21.30	21.44	21.51	21.44	21.38		
15	256QAM	75	0	21.40	21.54	21.67	21.50	21.58		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.17	23.07	23.20	23.19	23.14		
10	QPSK	1	25	22.98	23.09	23.21	23.02	23.22	24.60	0
10	QPSK	1	49	23.07	22.92	23.26	23.07	23.15		
10	QPSK	25	0	23.12	23.04	23.09	23.12	23.17		
10	QPSK	25	12	22.85	22.99	23.01	22.98	22.96	24.6	0
10	QPSK	25	25	22.87	22.91	23.01	22.93	22.95		
10	QPSK	50	0	23.10	22.97	23.18	23.06	23.11		
10	16QAM	1	0	22.85	23.02	23.03	23.07	23.15		
10	16QAM	1	25	22.91	22.87	23.18	22.99	22.98	24.6	0
10	16QAM	1	49	23.15	23.03	23.25	23.09	23.05		
10	16QAM	25	0	22.93	22.96	23.01	22.91	23.05		
10	16QAM	25	12	22.84	22.91	23.10	22.98	22.91	24.6	0
10	16QAM	25	25	23.12	23.11	23.08	23.02	23.21		
10	16QAM	50	0	22.87	23.08	23.10	23.01	23.11		
10	64QAM	1	0	23.10	23.00	23.07	23.10	23.23		
10	64QAM	1	25	22.95	23.08	23.01	22.89	22.99	24.6	0
10	64QAM	1	49	23.03	23.00	23.15	23.07	23.01		
10	64QAM	25

Band 42 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3600	3740		
20	QPSK	1	0	21.35	21.49	21.41		
20	QPSK	1	49	21.33	21.44	21.39	22	0
20	QPSK	1	99	21.28	21.37	21.26		
20	QPSK	50	0	20.22	20.33	20.29		
20	QPSK	50	24	20.24	20.23	20.21	21	1
20	QPSK	50	50	20.07	20.21	20.11		
20	QPSK	100	0	20.15	20.26	20.19		
20	16QAM	1	0	20.09	20.21	20.11		
20	16QAM	1	49	20.07	20.16	20.06	21	1
20	16QAM	1	99	19.95	20.09	20.03		
20	16QAM	50	0	19.17	19.30	19.19		
20	16QAM	50	24	19.18	19.25	19.22	20	2
20	16QAM	50	50	19.06	19.18	19.08		
20	16QAM	100	0	19.09	19.22	19.09		
20	64QAM	1	0	19.04	19.18	19.10		
20	64QAM	1	49	19.05	19.13	19.05	20	2
20	64QAM	1	99	18.99	19.06	19.01		
20	64QAM	50	0	18.05	18.15	18.04		
20	64QAM	50	24	18.07	18.10	17.96	19	3
20	64QAM	50	50	17.96	18.03	17.94		
20	64QAM	100	0	18.17	18.26	18.17		
20	256QAM	1	0	16.23	16.31	16.22		
20	256QAM	1	49	16.11	16.26	16.20	17	5
20	256QAM	1	99	16.06	16.19	16.05		
20	256QAM	50	0	16.11	16.25	16.20		
20	256QAM	50	24	16.10	16.20	16.11	17	5
20	256QAM	50	50	16.08	16.13	16.06		
20	256QAM	100	0	16.07	16.22	16.09		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3600	3742.5	(dBm)	(dB)
15	QPSK	1	0	21.22	21.44	21.26		
15	QPSK	1	37	21.22	21.38	21.33	22	0
15	QPSK	1	74	21.23	21.23	21.13		
15	QPSK	36	0	20.15	20.30	20.21		
15	QPSK	36	20	20.10	20.17	20.08	21	1
15	QPSK	36	39	20.02	20.07	20.06		
15	QPSK	75	0	20.00	20.22	20.09		
15	16QAM	1	0	20.00	20.18	20.05		
15	16QAM	1	37	19.98	20.03	19.91	21	1
15	16QAM	1	74	19.82	19.96	19.89		
15	16QAM	36	0	19.09	19.17	19.07		
15	16QAM	36	20	19.09	19.18	19.10	20	2
15	16QAM	36	39	19.00	19.09	19.04		
15	16QAM	75	0	19.02	19.18	18.97		
15	64QAM	1	0	18.98	19.11	19.02		
15	64QAM	1	37	18.97	18.98	18.98	20	2
15	64QAM	1	74	18.87	19.00	18.94		
15	64QAM	36	0	18.00	18.07	17.97		
15	64QAM	36	20	17.92	18.02	17.82	19	3
15	64QAM	36	39	17.94	17.98	17.86		
15	64QAM	75	0	18.08	18.23	18.12		
15	256QAM	1	0	16.13	16.24	16.14		
15	256QAM	1	37	15.96	16.20	16.12	17	5
15	256QAM	1	74	15.99	16.07	15.91		
15	256QAM	36	0	15.99	16.13	16.06		
15	256QAM	36	20	16.07	16.06	16.03	17	5
15	256QAM	36	39	16.00	16.04	16.00		
15	256QAM	75	0	15.93	16.14	16.04		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3600	3745	(dBm)	(dB)
10	QPSK	1	0	21.31	21.42	21.37		
10	QPSK	1	25	21.27	21.38	21.29	22	0
10	QPSK	1	49	21.20	21.24	21.21		
10	QPSK	25	0	20.12	20.21	20.25		
10	QPSK	25	12	20.18	20.22	20.11	21	1
10	QPSK	25	25	19.95	20.13	19.96		
10	QPSK	50	0	20.03	20.11	20.12		
10	16QAM	1	0	20.05	20.11	20.00		
10	16QAM	1	25	20.01	20.07	19.95	21	1
10	16QAM	1	49	19.87	19.99	19.93		
10	16QAM	25	0	19.12	19.20	19.10		
10	16QAM	25	12	19.12	19.22	19.11	20	2
10	16QAM	25	25	18.96	19.06	18.94		
10	16QAM	50	0	19.06	19.08	19.04		
10	64QAM	1	0	18.91	19.06	18.97		
10	64QAM	1	25	18.98	19.05	18.98	20	2
10	64QAM	1	49	18.94	19.00	18.96		
10	64QAM	25	0	17.94	18.06	17.97		
10	64QAM	25	12	17.96	18.04	17.90	19	3
10	64QAM	25	25	17.87	17.93	17.91		
10	64QAM	50	0	18.04	18.19	18.07		
10	256QAM	1	0	16.15	16.26	16.15		
10	256QAM	1	25	15.96	16.20	16.15	17	5
10	256QAM	1	49	15.93	16.07	15.93		
10	256QAM	25	0	16.00	16.11	16.09		
10	256QAM	25	12	15.97	16.15	16.01	17	5
10	256QAM	25	25	16.02	15.99	15.98		
10	256QAM	50	0	16.00	16.15	15.98		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3600	3747.5	(dBm)	(dB)
5	QPSK	1	0	21.26	21.38	21.31		
5	QPSK	1	12	21.29	21.37	21.27	22	0
5	QPSK	1	24	21.21	21.26	21.22		
5	QPSK	12	0	20.15	20.20	20.22		
5	QPSK	12	7	20.09	20.14	20.07	21	1
5	QPSK	12	13	19.98	20.07	19.98		
5	QPSK	25	0	20.03	20.15	20.14		
5	16QAM	1	0	20.02	20.10	20.05		
5	16QAM	1	12	19.95	20.03	19.94	21	1
5	16QAM	1	24	19.88	19.99	19.99		
5	16QAM	12	0	19.12	19.16	19.07		
5	16QAM	12	7	19.12	19.10	19.14	20	2
5	16QAM	12	13	18.93	19.10	19.04		
5	16QAM	25	0	19.05	19.18	19.04		
5	64QAM	1	0	18.95	19.08	18.96		
5	64QAM	1	12	19.02	19.02	18.92	20	2
5	64QAM	1	24	18.87	18.97	18.91		
5	64QAM	12	0	17.92	18.06	17.95		
5	64QAM	12	7	18.04	17.97	17.82	19	3
5	64QAM	12	13	17.88	17.94	17.84		
5	64QAM	25	0	18.05	18.20	18.09		
5	256QAM	1	0	16.12	16.24	16.13		
5	256QAM	1	12	16.02	16.16	16.12	17	5
5	256QAM	1	24	16.02	16.06	15.95		
5	256QAM	12	0	16.00	16.12	16.14		
5	256QAM	12	7	16.07	16.07	16.00	17	5
5	256QAM	12	13	16.03	16.06	15.94		
5	256QAM	25	0	16.03	16.13	16.04		

Band 42 Part 96 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3660	3675	3690		
20	QPSK	1	0	21.24	21.47	21.40		
20	QPSK	1	49	21.29	21.35	21.33	22	0
20	QPSK	1	99	21.24	21.35	21.12		
20	QPSK	50	0	20.20	20.27	20.19		
20	QPSK	50	24	20.21	20.23	20.09	21	1
20	QPSK	50	50	19.93	20.12	20.03		
20	QPSK	100	0	20.05	20.18	20.15		
20	16QAM	1	0	19.96	20.10	20.06		
20	16QAM	1	49	20.02	20.12	20.03	21	1
20	16QAM	1	99	19.87	19.95	19.94		
20	16QAM	50	0	19.07	19.24	19.05		
20	16QAM	50	24	19.07	19.10	19.17	20	2
20	16QAM	50	50	19.04	19.14	19.06		
20	16QAM	100	0	19.01	19.09	19.05		
20	64QAM	1	0	18.91	19.02	19.08		
20	64QAM	1	49	18.99	19.07	18.96	20	2
20	64QAM	1	99	18.84	18.98	18.89		
20	64QAM	50	0	17.97	18.01	18.00		
20	64QAM	50	24	18.05	18.04	17.82	19	3
20	64QAM	50	50	17.92	18.00	17.84		
20	64QAM	100	0	18.12	18.10	18.07		
20	256QAM	1	0	16.13	16.19	16.10		
20	256QAM	1	49	16.05	16.10	16.14	17	5
20	256QAM	1	99	15.89	16.15	15.93		
20	256QAM	50	0	15.97	16.12	16.16		
20	256QAM	50	24	15.96	16.19	16.03	17	5
20	256QAM	50	50	15.91	16.01	16.05		
20	256QAM	100	0	15.93	16.18	15.95		
Channel				43165	43340	43515	Tune-up limit	MPR
Frequency (MHz)				3657.5	3675	3692.5	(dBm)	(dB)
15	QPSK	1	0	21.21	21.34	21.31		
15	QPSK	1	37	21.17	21.22	21.26	22	0
15	QPSK	1	74	21.11	21.31	21.08		
15	QPSK	36	0	20.09	20.19	20.07		
15	QPSK	36	20	20.11	20.07	20.03	21	1
15	QPSK	36	39	19.80	20.09	19.91		
15	QPSK	75	0	19.96	20.05	20.06		
15	16QAM	1	0	19.85	20.04	20.02		
15	16QAM	1	37	19.98	20.08	19.98	21	1
15	16QAM	1	74	19.79	19.87	19.83		
15	16QAM	36	0	18.94	19.23	18.89		
15	16QAM	36	20	18.96	18.97	19.00	20	2
15	16QAM	36	39	18.88	19.00	18.95		
15	16QAM	75	0	18.86	19.05	18.95		
15	64QAM	1	0	18.79	18.87	18.93		
15	64QAM	1	37	18.87	18.98	18.94	20	2
15	64QAM	1	74	18.77	18.83	18.82		
15	64QAM	36	0	17.82	17.86	17.85		
15	64QAM	36	20	17.99	17.95	17.71	19	3
15	64QAM	36	39	17.76	17.90	17.82		
15	64QAM	75	0	18.04	17.96	18.01		
15	256QAM	1	0	16.09	16.06	15.97		
15	256QAM	1	37	16.00	16.08	16.12	17	5
15	256QAM	1	74	15.79	16.01	15.83		
15	256QAM	36	0	15.88	16.08	16.05		
15	256QAM	36	20	15.91	16.09	15.95	17	5
15	256QAM	36	39	15.75	15.86	15.94		
15	256QAM	75	0	15.76	16.03	15.86		
Channel				43140	43340	43540	Tune-up limit	MPR
Frequency (MHz)				3655	3675	3695	(dBm)	(dB)
10	QPSK	1	0	21.20	21.40	21.26		
10	QPSK	1	25	21.17	21.28	21.24	22	0
10	QPSK	1	49	21.16	21.21	21.11		
10	QPSK	25	0	20.08	20.15	20.08		
10	QPSK	25	12	20.13	20.11	19.98	21	1
10	QPSK	25	25	19.92	20.02	20.02		
10	QPSK	50	0	19.98	20.14	20.09		
10	16QAM	1	0	19.90	20.06	20.00		
10	16QAM	1	25	19.91	20.03	20.01	21	1
10	16QAM	1	49	19.76	19.82	19.80		
10	16QAM	25	0	18.92	19.19	19.03		
10	16QAM	25	12	19.04	19.05	19.01	20	2
10	16QAM	25	25	19.01	19.05	18.99		
10	16QAM	50	0	18.91	19.06	19.01		
10	64QAM	1	0	18.75	18.92	18.93		
10	64QAM	1	25	18.84	18.99	18.85	20	2
10	64QAM	1	49	18.69	18.84	18.78		
10	64QAM	25	0	17.89	17.99	17.92		
10	64QAM	25	12	17.89	17.96	17.75	19	3
10	64QAM	25	25	17.87	17.96	17.78		
10	64QAM	50	0	18.04	17.95	17.98		
10	256QAM	1	0	16.08	16.12	15.97		
10	256QAM	1	25	16.02	15.99	16.09	17	5
10	256QAM	1	49	15.80	16.07	15.80		
10	256QAM	25	0	15.86	16.02	16.13		
10	256QAM	25	12	15.89	16.13	15.91	17	5
10	256QAM	25	25	15.82	15.91	16.00		
10	256QAM	50	0	15.76	16.09	15.91		
Channel				43115	43340	43565	Tune-up limit	MPR
Frequency (MHz)				3652.5	3675	3697.5	(dBm)	(dB)
5	QPSK	1	0	21.19	21.43	21.33		
5	QPSK	1	12	21.26	21.31	21.18	22	0
5	QPSK	1	24	21.18	21.24	21.04		
5	QPSK	12	0	20.08	20.13	20.08		
5	QPSK	12	7	20.13	20.15	19.93	21	1
5	QPSK	12	13	19.83	20.02	19.95		
5	QPSK	25	0	19.91	20.05	20.05		
5	16QAM	1	0	19.81	20.07	19.96		
5	16QAM	1	12	19.91	20.05	19.95	21	1
5	16QAM	1	24	19.83	19.79	19.79		
5	16QAM	12	0	18.99	19.18	18.96		
5	16QAM	12	7	18.91	18.93	19.03	20	2
5	16QAM	12	13	18.93	19.13	19.02		
5	16QAM	25	0	18.99	19.05	18.94		
5	64QAM	1	0	18.76	18.89	19.07		
5	64QAM	1	12	18.85	18.90	18.85	20	2
5	64QAM	1	24	18.79	18.94	18.87		
5	64QAM	12	0	17.90	17.88	17.89		
5	64QAM	12	7	17.93	17.94	17.66	19	3
5	64QAM	12	13	17.80	17.93	17.80		
5	64QAM	25	0	17.98	17.95	18.02		
5	256QAM	1	0	16.04	16.16	15.96		
5	256QAM	1	12	15.97	16.02	16.04	17	5
5	256QAM	1	24	15.82	15.99	15.92		
5	256QAM	12	0	15.92	15.95	16.11		
5	256QAM	12	7	15.88	16.05	15.99	17	5
5	256QAM	12	13	15.86	15.99	15.95		
5	256QAM	25	0	15.89	16.10	15.81		

Band 43 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3810	3850	3890		
20	QPSK	1	0	21.28	21.33	21.24		
20	QPSK	1	49	21.20	21.28	21.17	22	0
20	QPSK	1	99	21.12	21.23	21.10		
20	QPSK	50	0	20.14	20.21	20.07		
20	QPSK	50	24	20.03	20.16	20.11	21	1
20	QPSK	50	50	20.00	20.09	19.99		
20	QPSK	100	0	20.02	20.17	20.04		
20	16QAM	1	0	20.03	20.12	20.08		
20	16QAM	1	49	19.93	20.07	20.02	21	1
20	16QAM	1	99	19.95	20.00	19.95		
20	16QAM	50	0	18.99	19.11	19.05		
20	16QAM	50	24	18.91	19.06	19.01	20	2
20	16QAM	50	50	18.85	18.99	18.89		
20	16QAM	100	0	19.03	19.08	18.99		
20	64QAM	1	0	18.88	18.99	18.89		
20	64QAM	1	49	18.85	18.94	18.89	20	2
20	64QAM	1	99	18.79	18.87	18.80		
20	64QAM	50	0	18.11	18.15	18.06		
20	64QAM	50	24	17.96	18.10	18.06	19	3
20	64QAM	50	50	17.90	18.03	17.90		
20	64QAM	100	0	17.94	18.02	17.98		
20	256QAM	1	0	16.07	16.15	16.01		
20	256QAM	1	49	15.96	16.10	16.04	17	5
20	256QAM	1	99	15.93	16.03	15.88		
20	256QAM	50	0	15.96	16.09	16.06		
20	256QAM	50	24	16.00	16.04	15.93	17	5
20	256QAM	50	50	15.93	15.97	15.92		
20	256QAM	100	0	15.82	15.96	15.87		
Channel				43665	44090	44515	Tune-up limit	MPR
Frequency (MHz)				3807.5	3850	3892.5	(dBm)	(dB)
15	QPSK	1	0	21.15	21.27	21.13		
15	QPSK	1	37	21.09	21.21	21.12	22	0
15	QPSK	1	74	21.07	21.17	21.02		
15	QPSK	36	0	20.07	20.15	20.01		
15	QPSK	36	20	19.93	20.02	19.98	21	1
15	QPSK	36	39	19.89	19.97	19.89		
15	QPSK	75	0	19.91	20.08	19.90		
15	16QAM	1	0	19.99	20.01	19.94		
15	16QAM	1	37	19.78	19.93	19.94	21	1
15	16QAM	1	74	19.86	19.91	19.91		
15	16QAM	36	0	18.87	19.05	18.93		
15	16QAM	36	20	18.88	18.92	18.96	20	2
15	16QAM	36	39	18.81	18.90	18.74		
15	16QAM	75	0	18.99	18.96	18.84		
15	64QAM	1	0	18.73	18.88	18.75		
15	64QAM	1	37	18.70	18.89	18.75	20	2
15	64QAM	1	74	18.66	18.72	18.66		
15	64QAM	36	0	18.05	18.02	18.02		
15	64QAM	36	20	17.86	18.06	17.93	19	3
15	64QAM	36	39	17.87	17.97	17.84		
15	64QAM	75	0	17.89	17.94	17.95		
15	256QAM	1	0	15.96	16.08	15.89		
15	256QAM	1	37	15.91	15.97	15.90	17	5
15	256QAM	1	74	15.84	15.91	15.79		
15	256QAM	36	0	15.83	15.98	15.92		
15	256QAM	36	20	15.87	15.96	15.85	17	5
15	256QAM	36	39	15.82	15.87	15.85		
15	256QAM	75	0	15.78	15.85	15.83		
Channel				43640	44090	44540	Tune-up limit	MPR
Frequency (MHz)				3825	3850	3895	(dBm)	(dB)
10	QPSK	1	0	21.23	21.29	21.18		
10	QPSK	1	25	21.07	21.20	21.10	22	0
10	QPSK	1	49	21.06	21.17	21.01		
10	QPSK	25	0	20.04	20.09	20.00		
10	QPSK	25	12	19.91	20.09	20.04	21	1
10	QPSK	25	25	19.95	20.03	19.84		
10	QPSK	50	0	19.98	20.10	19.96		
10	16QAM	1	0	19.96	20.08	20.00		
10	16QAM	1	25	19.79	19.99	19.88	21	1
10	16QAM	1	49	19.87	19.90	19.82		
10	16QAM	25	0	18.93	19.06	18.95		
10	16QAM	25	12	18.77	19.00	18.97	20	2
10	16QAM	25	25	18.76	18.94	18.83		
10	16QAM	50	0	18.99	18.99	18.95		
10	64QAM	1	0	18.77	18.88	18.77		
10	64QAM	1	25	18.81	18.84	18.81	20	2
10	64QAM	1	49	18.75	18.73	18.75		
10	64QAM	25	0	18.01	18.04	17.91		
10	64QAM	25	12	17.90	17.95	17.96	19	3
10	64QAM	25	25	17.81	18.00	17.78		
10	64QAM	50	0	17.79	17.98	17.85		
10	256QAM	1	0	15.92	16.07	15.89		
10	256QAM	1	25	15.82	15.97	15.94	17	5
10	256QAM	1	49	15.79	15.97	15.79		
10	256QAM	25	0	15.85	16.00	15.93		
10	256QAM	25	12	15.92	15.97	15.88	17	5
10	256QAM	25	25	15.79	15.90	15.87		
10	256QAM	50	0	15.67	15.90	15.80		
Channel				43615	44090	44565	Tune-up limit	MPR
Frequency (MHz)				3802.5	3850	3897.5	(dBm)	(dB)
5	QPSK	1	0	21.19	21.21	21.15		
5	QPSK	1	12	21.07	21.15	21.04	22	0
5	QPSK	1	24	21.05	21.11	21.00		
5	QPSK	12	0	20.02	20.14	19.94		
5	QPSK	12	7	19.93	20.09	20.06	21	1
5	QPSK	12	13	19.89	20.03	19.91		
5	QPSK	25	0	19.95	20.10	19.96		
5	16QAM	1	0	19.96	20.08	19.96		
5	16QAM	1	12	19.84	19.94	19.90	21	1
5	16QAM	1	24	19.89	19.94	19.90		
5	16QAM	12	0	18.91	18.96	19.02		
5	16QAM	12	7	18.81	18.97	18.96	20	2
5	16QAM	12	13	18.74	18.91	18.82		
5	16QAM	25	0	18.91	19.01	18.84		
5	64QAM	1	0	18.77	18.89	18.82		
5	64QAM	1	12	18.78	18.83	18.84	20	2
5	64QAM	1	24	18.65	18.77	18.71		
5	64QAM	12	0	18.05	18.12	17.98		
5	64QAM	12	7	17.86	17.97	17.95	19	3
5	64QAM	12	13	17.76	18.00	17.86		
5	64QAM	25	0	17.81	17.96	17.91		
5	256QAM	1	0	15.96	16.01	15.92		
5	256QAM	1	12	15.91	15.99	15.89	17	5
5	256QAM	1	24	15.88	15.89	15.74		
5	256QAM	12	0	15.90	15.99	15.95		
5	256QAM	12	7	15.96	15.98	15.81	17	5
5	256QAM	12	13	15.79	15.87	15.84		
5	256QAM	25	0	15.75	15.87	15.83		

Band 48 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3660	3609	3641	3690		
20	QPSK	1	0	21.36	21.44	21.41	21.31	22	0
20	QPSK	1	49	21.31	21.39	21.34	21.28		
20	QPSK	1	99	21.21	21.32	21.26	21.25		
20	QPSK	50	0	21.34	21.38	21.32	21.25	22	0
20	QPSK	50	24	21.21	21.33	21.25	21.23		
20	QPSK	50	50	21.17	21.26	21.15	21.20		
20	QPSK	100	0	21.29	21.33	21.20	21.21		
20	16QAM	1	0	21.26	21.38	21.33	21.24	22	0
20	16QAM	1	49	21.21	21.33	21.20	21.20		
20	16QAM	1	99	21.13	21.26	21.22	21.12		
20	16QAM	50	0	20.29	20.35	20.27	20.25	21	1
20	16QAM	50	24	20.21	20.30	20.21	20.25		
20	16QAM	50	50	20.13	20.23	20.10	20.15		
20	16QAM	100	0	20.23	20.32	20.26	20.25		
20	64QAM	1	0	20.16	20.27	20.23	20.15	21	1
20	64QAM	1	49	20.08	20.22	20.18	20.17		
20	64QAM	1	99	20.05	20.15	20.06	20.02		
20	64QAM	50	0	19.21	19.31	19.21	19.24	20	2
20	64QAM	50	24	19.17	19.26	19.11	19.14		
20	64QAM	50	50	19.10	19.19	19.08	19.08		
20	64QAM	100	0	19.20	19.28	19.20	19.23		
20	256QAM	1	0	17.29	17.34	17.24	17.28	18	4
20	256QAM	1	49	17.21	17.29	17.25	17.19		
20	256QAM	1	99	17.14	17.22	17.09	17.10		
20	256QAM	50	0	17.16	17.28	17.14	17.17	18	4
20	256QAM	50	24	17.18	17.23	17.16	17.19		
20	256QAM	50	50	17.10	17.16	17.10	17.04		
20	256QAM	100	0	17.18	17.23	17.15	17.12		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3608	3642	3692.5		
15	QPSK	1	0	21.22	21.39	21.27	21.25	22	0
15	QPSK	1	37	21.28	21.30	21.26	21.24		
15	QPSK	1	74	21.16	21.22	21.20	21.18		
15	QPSK	36	0	21.27	21.24	21.28	21.22	22	0
15	QPSK	36	20	21.18	21.24	21.12	21.19		
15	QPSK	36	39	21.06	21.20	21.12	21.10		
15	QPSK	75	0	21.16	21.28	21.08	21.08		
15	16QAM	1	0	21.19	21.24	21.29	21.21	22	0
15	16QAM	1	37	21.13	21.25	21.17	21.13		
15	16QAM	1	74	20.98	21.22	21.13	21.05		
15	16QAM	36	0	20.14	20.23	20.13	20.20	21	1
15	16QAM	36	20	20.14	20.26	20.16	20.16		
15	16QAM	36	39	20.02	20.17	20.04	20.09		
15	16QAM	75	0	20.12	20.20	20.22	20.20		
15	64QAM	1	0	20.08	20.21	20.13	20.02	21	1
15	64QAM	1	37	20.02	20.08	20.13	20.10		
15	64QAM	1	74	19.92	20.11	19.99	19.94		
15	64QAM	36	0	19.11	19.26	19.09	19.13	20	2
15	64QAM	36	20	19.10	19.18	18.97	19.06		
15	64QAM	36	39	18.96	19.14	19.01	19.03		
15	64QAM	75	0	19.09	19.24	19.07	19.17		
15	256QAM	1	0	17.16	17.22	17.13	17.20	18	4
15	256QAM	1	37	17.07	17.25	17.13	17.14		
15	256QAM	1	74	17.10	17.09	16.96	17.00		
15	256QAM	36	0	17.09	17.14	17.08	17.03	18	4
15	256QAM	36	20	17.06	17.14	17.01	17.06		
15	256QAM	36	39	16.98	17.13	17.00	16.93		
15	256QAM	75	0	17.04	17.17	17.06	17.01		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3607.5	3642.5	3695		
10	QPSK	1	0	21.30	21.35	21.30	21.26	22	0
10	QPSK	1	25	21.25	21.31	21.28	21.22		
10	QPSK	1	49	21.12	21.29	21.13	21.19		
10	QPSK	25	0	21.22	21.35	21.21	21.14	22	0
10	QPSK	25	12	21.18	21.19	21.22	21.15		
10	QPSK	25	25	21.11	21.15	21.05	21.14		
10	QPSK	50	0	21.14	21.25	21.07	21.07		
10	16QAM	1	0	21.18	21.26	21.28	21.13	22	0
10	16QAM	1	25	21.11	21.20	21.14	21.09		
10	16QAM	1	49	21.02	21.18	21.16	21.09		
10	16QAM	25	0	20.20	20.24	20.14	20.15	21	1
10	16QAM	25	12	20.10	20.25	20.17	20.10		
10	16QAM	25	25	19.99	20.16	20.02	20.04		
10	16QAM	50	0	20.16	20.18	20.20	20.21		
10	64QAM	1	0	20.07	20.23	20.20	20.04	21	1
10	64QAM	1	25	19.96	20.16	20.15	20.02		
10	64QAM	1	49	19.98	20.10	20.03	19.93		
10	64QAM	25	0	19.11	19.25	19.08	19.10	20	2
10	64QAM	25	12	19.13	19.16	18.96	19.11		
10	64QAM	25	25	19.04	19.13	19.05	18.98		
10	64QAM	50	0	19.10	19.17	19.10	19.08		
10	256QAM	1	0	17.22	17.21	17.16	17.20	18	4
10	256QAM	1	25	17.12	17.14	17.11	17.04		
10	256QAM	1	49	17.04	17.14	17.03	17.01		
10	256QAM	25	0	17.08	17.14	17.02	17.11	18	4
10	256QAM	25	12	17.09	17.09	17.07	17.05		
10	256QAM	25	25	17.05	17.02	17.04	17.00		
10	256QAM	50	0	17.09	17.14	17.11	17.01		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3607	3645	3697.5		
5	QPSK	1	0	21.22	21.35	21.27	21.18	22	0
5	QPSK	1	12	21.20	21.24	21.31	21.23		
5	QPSK	1	24	21.15	21.21	21.17	21.17		
5	QPSK	12	0	21.20	21.34	21.21	21.19	22	0
5	QPSK	12	7	21.07	21.22	21.16	21.17		
5	QPSK	12	13	21.12	21.23	21.09	21.16		
5	QPSK	25	0	21.16	21.22	21.10	21.14		
5	16QAM	1	0	21.19	21.23	21.21	21.10	22	0
5	16QAM	1	12	21.10	21.21	21.08	21.17		
5	16QAM	1	24	21.00	21.11	21.16	21.00		
5	16QAM	12	0	20.22	20.31	20.23	20.21	21	1
5	16QAM	12	7	20.07	20.20	20.08	20.19		
5	16QAM	12	13	19.99	20.18	19.95	20.01		
5	16QAM	25	0	20.14	20.19	20.12	20.12		
5	64QAM	1	0	20.12	20.19	20.11	20.04	21	1
5	64QAM	1	12	19.98	20.09	20.12	20.08		
5	64QAM	1	24	20.01	20.01	20.00	19.90		
5	64QAM	12	0	19.12	19.21	19.14	19.16	20	2
5	64QAM	12	7	19.06	19.22	19.05	19.01		
5	64QAM	12	13	18.97	19.12	18.98	19.04		
5	64QAM	25	0	19.06	19.21	19.09	19.14		
5	256QAM	1	0	17.22	17.22	17.10	17.22	18	4
5	256QAM	1	12	17.07	17.24	17.21	17.07		
5	256QAM	1	24	17.08	17.18	17.04	17.07		
5	256QAM	12	0	17.02	17.15	17.11	17.10	18	4
5	256QAM	12	7	17.07	17.19	17.04	17.13		
5	256QAM	12	13	17.03	17.04	17.05	16.97		
5	256QAM	25	0	17.03	17.20	17.10	17.01		

GSM1900 Ant 3	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	31.11	31.18	31.05	31.50	22.11	22.18	22.05	22.50
GPRS 1 Tx slot	31.15	31.23	31.09	31.50	22.15	22.23	22.09	22.50
GPRS 2 Tx slots	27.52	27.60	27.54	28.00	21.52	21.60	21.54	22.00
GPRS 3 Tx slots	25.19	25.28	25.15	27.00	20.93	21.02	20.89	22.74
GPRS 4 Tx slots	23.39	23.52	23.40	25.00	20.39	20.52	20.40	22.00
EDGE 1 Tx slot	25.64	25.74	25.60	27.00	16.64	16.74	16.60	18.00
EDGE 2 Tx slots	24.06	24.12	23.99	25.50	18.06	18.12	17.99	19.50
EDGE 3 Tx slots	22.84	22.91	22.79	24.50	18.58	18.65	18.53	20.24
EDGE 4 Tx slots	20.73	20.80	20.77	22.50	17.73	17.80	17.77	19.50

Band		WCDMA II Ant 3			Tune-up Limit (dBm)	WCDMA IV Ant 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.95	21.16	21.12	22.40	24.22	24.31	24.18	24.50
3GPP Rel 99	RMC 12.2Kbps	21.17	21.20	21.15	22.40	24.27	24.34	24.23	24.50
3GPP Rel 6	HSDPA Subtest-1	20.20	20.36	20.29	21.40	23.16	23.31	23.31	23.50
3GPP Rel 6	HSDPA Subtest-2	20.31	20.39	20.10	21.40	23.22	23.35	23.21	23.50
3GPP Rel 6	HSDPA Subtest-3	19.89	19.78	19.76	20.90	22.93	22.81	22.69	23.00
3GPP Rel 6	HSDPA Subtest-4	19.61	19.96	19.83	20.90	22.71	22.90	22.81	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	20.21	20.40	20.11	21.40	23.28	23.34	23.23	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	20.25	20.43	20.33	21.40	23.20	23.37	23.38	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	19.63	19.80	19.72	20.90	22.53	22.77	22.61	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	19.60	19.67	19.76	20.90	22.60	22.71	22.57	23.00
3GPP Rel 6	HSUPA Subtest-1	20.19	20.32	20.20	21.40	23.30	23.34	23.26	23.50
3GPP Rel 6	HSUPA Subtest-2	18.35	18.30	18.39	19.40	21.34	21.37	21.31	21.50
3GPP Rel 6	HSUPA Subtest-3	19.34	19.25	19.19	20.40	22.20	22.32	22.26	22.50
3GPP Rel 6	HSUPA Subtest-4	18.16	18.45	18.36	19.40	21.16	21.46	21.43	21.50
3GPP Rel 6	HSUPA Subtest-5	20.21	20.24	20.08	21.40	23.18	23.20	23.21	23.50

Band 2 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.62	21.79	21.71	23.2	0
20	QPSK	1	49	21.46	21.70	21.69		
20	QPSK	1	99	21.46	21.49	21.45		
20	QPSK	50	0	21.50	21.78	21.60	23	0.2
20	QPSK	50	24	21.37	21.68	21.69		
20	QPSK	50	50	21.45	21.37	21.37		
20	QPSK	100	0	21.40	21.68	21.60		
20	16QAM	1	0	21.59	21.68	21.60	23	0.2
20	16QAM	1	49	21.35	21.62	21.62		
20	16QAM	1	99	21.43	21.28	21.30		
20	16QAM	50	0	20.96	20.99	20.90	22	1.2
20	16QAM	50	24	20.81	20.94	20.89		
20	16QAM	50	50	20.75	20.87	20.76		
20	16QAM	100	0	20.87	20.93	20.80		
20	64QAM	1	0	20.80	20.91	20.80	22	1.2
20	64QAM	1	49	20.76	20.86	20.71		
20	64QAM	1	99	20.71	20.79	20.76		
20	64QAM	50	0	19.97	20.08	19.94	21	2.2
20	64QAM	50	24	19.97	20.03	19.96		
20	64QAM	50	50	19.93	19.96	19.88		
20	64QAM	100	0	19.93	20.03	19.92		
20	256QAM	1	0	17.90	18.01	17.89	19	4.2
20	256QAM	1	49	17.89	17.96	17.86		
20	256QAM	1	99	17.81	17.89	17.85		
20	256QAM	50	0	17.84	17.93	17.88	19	4.2
20	256QAM	50	24	17.83	17.88	17.85		
20	256QAM	50	50	17.68	17.81	17.69		
20	256QAM	100	0	17.86	17.91	17.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.55	21.59	21.55	23.2	0
15	QPSK	1	37	21.34	21.58	21.60		
15	QPSK	1	74	21.40	21.39	21.34		
15	QPSK	36	0	21.45	21.74	21.56	23	0.2
15	QPSK	36	20	21.25	21.53	21.64		
15	QPSK	36	39	21.41	21.34	21.29		
15	QPSK	75	0	21.24	21.60	21.52		
15	16QAM	1	0	21.45	21.59	21.45	23	0.2
15	16QAM	1	37	21.21	21.58	21.44		
15	16QAM	1	74	21.40	21.15	21.27		
15	16QAM	36	0	20.90	20.93	20.85	22	1.2
15	16QAM	36	20	20.69	20.87	20.77		
15	16QAM	36	39	20.70	20.81	20.69		
15	16QAM	75	0	20.73	20.85	20.69		
15	64QAM	1	0	20.70	20.77	20.69	22	1.2
15	64QAM	1	37	20.62	20.72	20.57		
15	64QAM	1	74	20.57	20.72	20.72		
15	64QAM	36	0	19.90	19.97	19.82	21	2.2
15	64QAM	36	20	19.91	19.97	19.87		
15	64QAM	36	39	19.87	19.91	19.81		
15	64QAM	75	0	19.81	19.89	19.83		
15	256QAM	1	0	17.76	17.97	17.83	19	4.2
15	256QAM	1	37	17.82	17.88	17.79		
15	256QAM	1	74	17.78	17.85	17.81		
15	256QAM	36	0	17.78	17.85	17.76	19	4.2
15	256QAM	36	20	17.73	17.75	17.79		
15	256QAM	36	39	17.64	17.74	17.80		
15	256QAM	75	0	17.71	17.84	17.64		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.56	21.65	21.55	23.2	0
10	QPSK	1	25	21.36	21.65	21.54		
10	QPSK	1	49	21.31	21.36	21.36		
10	QPSK	25	0	21.45	21.64	21.56	23	0.2
10	QPSK	25	12	21.25	21.63	21.55		
10	QPSK	25	25	21.36	21.27	21.26		
10	QPSK	50	0	21.34	21.53	21.44		
10	16QAM	1	0	21.43	21.65	21.54	23	0.2
10	16QAM	1	25	21.28	21.47	21.51		
10	16QAM	1	49	21.33	21.19	21.20		
10	16QAM	25	0	20.93	20.89	20.75	22	1.2
10	16QAM	25	12	20.77	20.90	20.86		
10	16QAM	25	25	20.69	20.83	20.63		
10	16QAM	50	0	20.76	20.90	20.70		
10	64QAM	1	0	20.65	20.76	20.71	22	1.2
10	64QAM	1	25	20.66	20.71	20.61		
10	64QAM	1	49	20.64	20.67	20.73		
10	64QAM	25	0	19.93	20.03	19.88	21	2.2
10	64QAM	25	12	19.83	19.94	19.89		
10	64QAM	25	25	19.86	19.85	19.75		
10	64QAM	50	0	19.86	19.94	19.80		
10	256QAM	1	0	17.84	17.97	17.76	19	4.2
10	256QAM	1	25	17.81	17.82	17.75		
10	256QAM	1	49	17.74	17.76	17.70		
10	256QAM	25	0	17.78	17.83	17.79	19	4.2
10	256QAM	25	12	17.77	17.81	17.79		
10	256QAM	25	25	17.65	17.72	17.58		
10	256QAM	50	0	17.77	17.78	17.70		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.48	21.68	21.58	23.2	0
5	QPSK	1	12	21.34	21.60	21.67		
5	QPSK	1	24	21.43	21.38	21.29		
5	QPSK	12	0	21.36	21.63	21.50	23	0.2
5	QPSK	12	7	21.31	21.54	21.59		
5	QPSK	12	13	21.36	21.30	21.31		
5	QPSK	25	0	21.36	21.62	21.51		
5	16QAM	1	0	21.44	21.58	21.48	23	0.2
5	16QAM	1	12	21.28	21.55	21.47		
5	16QAM	1	24	21.32	21.20	21.15		
5	16QAM	12	0	20.85	20.92	20.79	22	1.2
5	16QAM	12	7	20.74	20.82	20.80		
5	16QAM	12	13	20.70	20.80	20.70		
5	16QAM	25	0	20.74	20.79	20.65		
5	64QAM	1	0	20.73	20.80	20.65	22	1.2
5	64QAM	1	12	20.65	20.77	20.58		
5	64QAM	1	24	20.62	20.72	20.71		
5	64QAM	12	0	19.87	19.98	19.86	21	2.2
5	64QAM	12	7	19.90	19.90	19.93		
5	64QAM	12	13	19.82	19.91	19.78		
5	64QAM	25	0	19.88	19.96	19.82		
5	256QAM	1	0	17.78	17.96	17.79	19	4.2
5	256QAM	1	12	17.79	17.92	17.76		
5	256QAM	1	24	17.73	17.79	17.77		
5	256QAM	12	0	17.80	17.88	17.74	19	4.2
5	256QAM	12	7	17.72	17.79	17.72		
5	256QAM	12	13	17.54	17.74	17.55		
5	256QAM	25	0	17.82	17.86	17.67		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.52	21.58	21.62	23.2	0
3	QPSK	1	8	21.34	21.60	21.62		
3	QPSK	1	14	21.33	21.32	21.38		
3	QPSK	8	0	21.39	21.67	21.46	23	0.2
3	QPSK	8	4	21.26	21.60	21.61		
3	QPSK	8	7	21.35	21.33	21.25		
3	QPSK	15	0	21.27	21.55	21.47		
3	16QAM	1	0	21.44	21.53	21.57	23	0.2
3	16QAM	1	8	21.30	21.60	21.48		
3	16QAM	1	14	21.37	21.10	21.22		
3	16QAM	8	0	20.84	20.95	20.81	22	1.2
3	16QAM	8	4	20.69	20.84	20.83		
3	16QAM	8	7	20.71	20.74	20.72		
3	16QAM	15	0	20.79	20.88	20.66		
3	64QAM	1	0	20.70	20.82	20.75	22	1.2
3	64QAM	1	8	20.67	20.75	20.57		
3	64QAM	1	14	20.57	20.76	20.67		
3	64QAM	8	0	19.84	19.95	19.88	21	2.2
3	64QAM	8	4	19.87	19.88	19.89		
3	64QAM	8	7	19.81	19.88	19.81		
3	64QAM	15	0	19.84	19.88	19.87		
3	256QAM	1	0	17.78	17.91	17.76	19	4.2
3	256QAM	1	8	17.75	17.86	17.76		
3	256QAM	1	14	17.71	17.77	17.75		
3	256QAM	8	0	17.80	17.88	17.78	19	4.2
3	256QAM	8	4	17.69	17.82	17.79		
3	256QAM	8	7	17.55	17.72	17.55		
3	256QAM	15	0	17.74	17.85	17.71		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.55	21.59	21.59	23.2	0
1.4	QPSK	1	3	21.40	21.55	21.57		
1.4	QPSK	1	5	21.34	21.35	21.37		
1.4	QPSK	3	0	21.45	21.54	21.65		
1.4	QPSK	3	1	21.29	21.54	21.65		
1.4	QPSK	3	3	21.32	21.42	21.30		
1.4	QPSK	6	0	21.42	21.71	21.50	23	0.2
1.4	16QAM	1	0	21.30	21.65	21.61	23	0.2
1.4	16QAM	1	3	21.34	21.34	21.21		
1.4	16QAM	1	5	21.31	21.51	21.46		
1.4	16QAM	3	0	21.43	21.52	21.54		
1.4	16QAM	3	1	21.27	21.56	21.46		
1.4	16QAM	3	3	21.36	21.18	21.22		
1.4	16QAM	6	0	20.87	20.96	20.85	22	1.2
1.4	64QAM	1	0	20.74	20.85	20.79	22	1.2
1.4	64QAM	1	3	20.62	20.75	20.67		
1.4	64QAM	1	5	20.79	20.82	20.73		
1.4	64QAM	3	0	20.69	20.78	20.75		
1.4	64QAM	3	1	20.72	20.72	20.57		
1.4	64QAM	3	3	20.66	20.64	20.70		
1.4	64QAM	6	0	19.89	19.95	19.87	21	2.2
1.4	256QAM	1	0	17.80	17.94	17.82	19	4.2
1.4	256QAM	1	3	17.81	17.82	17.74		
1.4	256QAM	1	5	17.70	17.85	17.74		
1.4	256QAM	3	0	17.80	17.80	17.78		
1.4	256QAM	3	1	17.73	17.81	17.77		
1.4	256QAM	3	3	17.61	17.74	17.60		
1.4	256QAM	6	0	17.76	17.87	17.72	19	4.2

Band 4 Ant 3

BW [MHz]	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	22.72	22.87	22.67	23.9	0
20	QPSK	1	49	22.61	22.78	22.53		
20	QPSK	1	99	22.54	22.73	22.53		
20	QPSK	50	0	21.99	22.03	21.91	23	0.9
20	QPSK	50	24	21.93	21.98	21.90		
20	QPSK	50	50	21.86	21.91	21.81		
20	QPSK	100	0	21.82	21.89	21.78		
20	16QAM	1	0	22.15	22.18	22.05	23	0.9
20	16QAM	1	49	21.99	22.13	22.07		
20	16QAM	1	99	22.00	22.06	21.92		
20	16QAM	50	0	21.01	21.08	21.03	22	1.9
20	16QAM	50	24	20.98	21.03	20.92		
20	16QAM	50	50	20.88	20.96	20.91		
20	16QAM	100	0	20.89	21.04	20.90		
20	64QAM	1	0	21.02	21.14	21.06	22	1.9
20	64QAM	1	49	21.05	21.09	21.01		
20	64QAM	1	99	20.90	21.02	20.88		
20	64QAM	50	0	19.97	20.02	19.98	21	2.9
20	64QAM	50	24	19.88	19.97	19.89		
20	64QAM	50	50	19.76	19.90	19.83		
20	64QAM	100	0	19.96	20.11	20.01		
20	256QAM	1	0	18.03	18.12	18.06	19	4.9
20	256QAM	1	49	17.94	18.07	17.92		
20	256QAM	1	99	17.86	18.00	17.94		
20	256QAM	50	0	17.99	18.08	17.95	19	4.9
20	256QAM	50	24	17.91	18.03	17.90		
20	256QAM	50	50	17.82	17.96	17.89		
20	256QAM	100	0	17.96	18.04	17.92		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.68	22.83	22.64	23.9	0
15	QPSK	1	37	22.52	22.70	22.49		
15	QPSK	1	74	22.41	22.59	22.40		
15	QPSK	36	0	21.89	21.92	21.86	23	0.9
15	QPSK	36	20	21.88	21.90	21.82		
15	QPSK	36	39	21.71	21.87	21.73		
15	QPSK	75	0	21.71	21.78	21.75		
15	16QAM	1	0	22.04	22.10	21.93	23	0.9
15	16QAM	1	37	21.93	22.05	22.01		
15	16QAM	1	74	21.92	21.91	21.78		
15	16QAM	36	0	20.96	21.04	20.89	22	1.9
15	16QAM	36	20	20.88	20.93	20.89		
15	16QAM	36	39	20.81	20.90	20.85		
15	16QAM	75	0	20.80	20.96	20.81		
15	64QAM	1	0	20.93	21.11	20.94	22	1.9
15	64QAM	1	37	21.01	20.94	20.92		
15	64QAM	1	74	20.76	20.89	20.81		
15	64QAM	36	0	19.86	19.98	19.94	21	2.9
15	64QAM	36	20	19.76	19.87	19.82		
15	64QAM	36	39	19.72	19.76	19.75		
15	64QAM	75	0	19.89	20.06	19.97		
15	256QAM	1	0	17.94	18.06	17.99	19	4.9
15	256QAM	1	37	17.81	18.03	17.83		
15	256QAM	1	74	17.71	17.95	17.87		
15	256QAM	36	0	17.88	18.03	17.91	19	4.9
15	256QAM	36	20	17.87	17.91	17.78		
15	256QAM	36	39	17.70	17.92	17.76		
15	256QAM	75	0	17.83	17.92	17.79		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.67	22.76	22.56	23.9	0
10	QPSK	1	25	22.55	22.72	22.43		
10	QPSK	1	49	22.48	22.66	22.43		
10	QPSK	25	0	21.88	21.93	21.76	23	0.9
10	QPSK	25	12	21.82	21.85	21.83		
10	QPSK	25	25	21.71	21.85	21.77		
10	QPSK	50	0	21.71	21.79	21.65		
10	16QAM	1	0	22.12	22.06	22.00	23	0.9
10	16QAM	1	25	21.95	22.07	21.99		
10	16QAM	1	49	21.92	22.01	21.82		
10	16QAM	25	0	20.97	21.03	20.90	22	1.9
10	16QAM	25	12	20.87	20.89	20.78		
10	16QAM	25	25	20.83	20.89	20.86		
10	16QAM	50	0	20.76	20.92	20.83		
10	64QAM	1	0	20.95	21.02	20.97	22	1.9
10	64QAM	1	25	21.02	20.96	20.88		
10	64QAM	1	49	20.80	20.89	20.76		
10	64QAM	25	0	19.87	19.88	19.95	21	2.9
10	64QAM	25	12	19.75	19.90	19.76		
10	64QAM	25	25	19.70	19.76	19.79		
10	64QAM	50	0	19.88	20.01	19.93		
10	256QAM	1	0	17.96	18.04	17.95	19	4.9
10	256QAM	1	25	17.82	17.99	17.80		
10	256QAM	1	49	17.80	17.86	17.91		
10	256QAM	25	0	17.93	17.95	17.87	19	4.9
10	256QAM	25	12	17.86	17.93	17.77		
10	256QAM	25	25	17.74	17.86	17.82		
10	256QAM	50	0	17.90	17.92	17.88		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.62	22.73	22.55	23.9	0
5	QPSK	1	12	22.49	22.69	22.39		
5	QPSK	1	24	22.45	22.66	22.40		
5	QPSK	12	0	21.89	21.89	21.84	23	0.9
5	QPSK	12	7	21.85	21.91	21.77		
5	QPSK	12	13	21.75	21.87	21.77		
5	QPSK	25	0	21.66	21.75	21.68		
5	16QAM	1	0	22.06	22.12	21.91	23	0.9
5	16QAM	1	12	21.89	22.00	21.95		
5	16QAM	1	24	21.92	21.97	21.77		
5	16QAM	12	0	20.94	20.95	20.91	22	1.9
5	16QAM	12	7	20.94	20.91	20.80		
5	16QAM	12	13	20.74	20.84	20.81		
5	16QAM	25	0	20.76	20.90	20.81		
5	64QAM	1	0	20.90	20.99	20.99	22	1.9
5	64QAM	1	12	20.96	20.97	20.92		
5	64QAM	1	24	20.82	20.97	20.81		
5	64QAM	12	0	19.91	19.98	19.86	21	2.9
5	64QAM	12	7	19.75	19.89	19.75		
5	64QAM	12	13	19.64	19.77	19.75		
5	64QAM	25	0	19.88	19.98	19.92		
5	256QAM	1	0	17.93	17.98	18.00	19	4.9
5	256QAM	1	12	17.80	17.98	17.88		
5	256QAM	1	24	17.82	17.95	17.87		
5	256QAM	12	0	17.94	18.02	17.88	19	4.9
5	256QAM	12	7	17.84	17.93	17.79		
5	256QAM	12	13	17.72	17.92	17.80		
5	256QAM	25	0	17.85	17.98	17.83		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.61	22.73	22.52	23.9	0
3	QPSK	1	8	22.53	22.69	22.43		
3	QPSK	1	14	22.50	22.66	22.45		
3	QPSK	8	0	21.95	21.94	21.77	23	0.9
3	QPSK	8	4	21.89	21.85	21.82		
3	QPSK	8	7	21.82	21.82	21.73		
3	QPSK	15	0	21.68	21.84	21.64		
3	16QAM	1	0	22.06	22.12	21.92	23	0.9
3	16QAM	1	8	21.95	22.03	21.98		
3	16QAM	1	14	21.88	22.02	21.81		
3	16QAM	8	0	20.88	20.98	20.89	22	1.9
3	16QAM	8	4	20.85	20.97	20.85		
3	16QAM	8	7	20.80	20.82	20.87		
3	16QAM	15	0	20.82	20.93	20.86		
3	64QAM	1	0	20.95	21.07	21.00	22	1.9
3	64QAM	1	8	20.95	20.94	20.93		
3	64QAM	1	14	20.80	20.88	20.78		
3	64QAM	8	0	19.82	19.88	19.90	21	2.9
3	64QAM	8	4	19.83	19.83	19.76		
3	64QAM	8	7	19.70	19.84	19.74		
3	64QAM	15	0	19.88	20.07	19.95		
3	256QAM	1	0	17.88	18.08	17.93	19	4.9
3	256QAM	1	8	17.89	17.99	17.88		
3	256QAM	1	14	17.74	17.87	17.83		
3	256QAM	8	0	17.92	18.00	17.83	19	4.9
3	256QAM	8	4	17.78	17.90	17.82		
3	256QAM	8	7	17.76	17.91	17.79		
3	256QAM	15	0	17.93	17.98	17.79		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.58	22.82	22.57	23.9	0
1.4	QPSK	1	3	22.57	22.73	22.49		
1.4	QPSK	1	5	22.48	22.67	22.46		
1.4	QPSK	3	0	22.58	22.70	22.59		
1.4	QPSK	3	1	22.45	22.49	22.55		
1.4	QPSK	3	3	22.47	22.45	22.43		
1.4	QPSK	6	0	21.89	21.90	21.82	23	0.9
1.4	16QAM	1	0	21.87	21.89	21.77	23	0.9
1.4	16QAM	1	3	21.72	21.83	21.77		
1.4	16QAM	1	5	21.74	21.75	21.74		
1.4	16QAM	3	0	22.06	22.08	21.90		
1.4	16QAM	3	1	21.94	22.01	21.93		
1.4	16QAM	3	3	21.94	21.95	21.84		
1.4	16QAM	6	0	20.88	20.95	20.94	22	1.9
1.4	64QAM	1	0	20.84	20.94	20.82	22	1.9
1.4	64QAM	1	3	20.78	20.89	20.86		
1.4	64QAM	1	5	20.75	21.00	20.84		
1.4	64QAM	3	0	20.97	21.02	20.94		
1.4	64QAM	3	1	20.90	20.94	20.97		
1.4	64QAM	3	3	20.82	20.96	20.84		
1.4	64QAM	6	0	19.83	19.90	19.91	21	2.9
1.4	256QAM	1	0	17.92	18.08	17.98	19	4.9
1.4	256QAM	1	3	17.90	18.02	17.85		
1.4	256QAM	1	5	17.81	17.92	17.86		
1.4	256QAM	3	0	17.87	18.04	17.87		
1.4	256QAM	3	1	17.81	17.93	17.87		
1.4	256QAM	3	3	17.74	17.88	17.79		
1.4	256QAM	6	0	17.83	17.95	17.78	19	4.9

Band 7 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.36	23.41	23.24	24	0
20	QPSK	1	49	23.30	23.35	23.21		
20	QPSK	1	99	23.15	23.29	23.19		
20	QPSK	50	0	22.39	22.52	22.48	23	1
20	QPSK	50	24	22.33	22.47	22.43		
20	QPSK	50	50	22.26	22.40	22.33		
20	QPSK	100	0	22.37	22.47	22.33		
20	16QAM	1	0	22.60	22.74	22.68	23	1
20	16QAM	1	49	22.64	22.69	22.57		
20	16QAM	1	99	22.59	22.62

Band 25 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.68	21.87	21.85	23.2	0
20	QPSK	1	49	21.60	21.84	21.80		
20	QPSK	1	99	21.59	21.54	21.59		
20	QPSK	50	0	21.55	21.84	21.69	23	0.2
20	QPSK	50	24	21.55	21.78	21.77		
20	QPSK	50	50	21.52	21.41	21.51		
20	QPSK	100	0	21.53	21.83	21.70		
20	16QAM	1	0	21.62	21.82	21.73		
20	16QAM	1	49	21.52	21.70	21.64	23	0.2
20	16QAM	1	99	21.46	21.40	21.46		
20	16QAM	50	0	21.14	21.22	21.17		
20	16QAM	50	24	21.09	21.17	21.13	22	1.2
20	16QAM	50	50	21.02	21.10	21.02		
20	16QAM	100	0	21.04	21.15	21.03		
20	64QAM	1	0	20.99	21.05	20.94		
20	64QAM	1	49	20.91	21.00	20.85	22	1.2
20	64QAM	1	99	20.88	20.93	20.78		
20	64QAM	50	0	20.18	20.32	20.21		
20	64QAM	50	24	20.19	20.27	20.20	21	2.2
20	64QAM	50	50	20.12	20.20	20.16		
20	64QAM	100	0	20.05	20.17	20.07		
20	256QAM	1	0	18.44	18.52	18.38		
20	256QAM	1	49	18.33	18.47	18.39	19	4.2
20	256QAM	1	99	18.30	18.40	18.32		
20	256QAM	50	0	18.09	18.24	18.11		
20	256QAM	50	24	18.06	18.19	18.14	19	4.2
20	256QAM	50	50	18.08	18.12	18.01		
20	256QAM	100	0	18.10	18.21	18.16		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.58	21.78	21.68	23.2	0
15	QPSK	1	37	21.56	21.75	21.73		
15	QPSK	1	74	21.52	21.42	21.45		
15	QPSK	36	0	21.50	21.74	21.53	23	0.2
15	QPSK	36	20	21.41	21.71	21.62		
15	QPSK	36	39	21.41	21.32	21.34		
15	QPSK	75	0	21.49	21.65	21.65		
15	16QAM	1	0	21.58	21.74	21.62		
15	16QAM	1	37	21.48	21.63	21.56	23	0.2
15	16QAM	1	74	21.34	21.37	21.38		
15	16QAM	36	0	20.99	21.15	21.04		
15	16QAM	36	20	20.99	21.08	21.09	22	1.2
15	16QAM	36	39	20.95	21.06	20.89		
15	16QAM	75	0	20.90	21.07	20.92		
15	64QAM	1	0	20.89	21.00	20.84		
15	64QAM	1	37	20.77	20.94	20.82	22	1.2
15	64QAM	1	74	20.76	20.79	20.67		
15	64QAM	36	0	20.06	20.26	20.17		
15	64QAM	36	20	20.06	20.17	20.08	21	2.2
15	64QAM	36	39	19.99	20.12	20.01		
15	64QAM	75	0	19.91	20.08	19.96		
15	256QAM	1	0	18.30	18.42	18.29		
15	256QAM	1	37	18.29	18.37	18.27	19	4.2
15	256QAM	1	74	18.23	18.28	18.18		
15	256QAM	36	0	17.95	18.19	17.96		
15	256QAM	36	20	17.97	18.14	18.11	19	4.2
15	256QAM	36	39	18.00	17.98	17.96		
15	256QAM	75	0	17.97	18.09	18.09		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.60	21.82	21.83	23.2	0
10	QPSK	1	25	21.52	21.68	21.68		
10	QPSK	1	49	21.45	21.50	21.54		
10	QPSK	25	0	21.46	21.66	21.58	23	0.2
10	QPSK	25	12	21.37	21.70	21.71		
10	QPSK	25	25	21.44	21.36	21.36		
10	QPSK	50	0	21.41	21.78	21.57		
10	16QAM	1	0	21.59	21.72	21.67		
10	16QAM	1	25	21.37	21.67	21.51	23	0.2
10	16QAM	1	49	21.40	21.26	21.29		
10	16QAM	25	0	21.08	21.19	21.03		
10	16QAM	25	12	21.02	21.10	21.08	22	1.2
10	16QAM	25	25	20.96	21.06	20.96		
10	16QAM	50	0	20.96	21.10	20.97		
10	64QAM	1	0	20.89	20.91	20.84		
10	64QAM	1	25	20.81	20.87	20.77	22	1.2
10	64QAM	1	49	20.84	20.82	20.74		
10	64QAM	25	0	20.07	20.28	20.17		
10	64QAM	25	12	20.08	20.19	20.16	21	2.2
10	64QAM	25	25	19.98	20.17	20.12		
10	64QAM	50	0	19.93	20.04	20.01		
10	256QAM	1	0	18.32	18.43	18.32		
10	256QAM	1	25	18.22	18.44	18.31	19	4.2
10	256QAM	1	49	18.26	18.36	18.18		
10	256QAM	25	0	18.05	18.18	17.99		
10	256QAM	25	12	17.98	18.05	18.00	19	4.2
10	256QAM	25	25	18.02	18.02	17.89		
10	256QAM	50	0	18.04	18.08	18.03		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.56	21.78	21.74	23.2	0
5	QPSK	1	12	21.57	21.74	21.67		
5	QPSK	1	24	21.56	21.41	21.52		
5	QPSK	12	0	21.49	21.79	21.66	23	0.2
5	QPSK	12	7	21.49	21.65	21.60		
5	QPSK	12	13	21.40	21.38	21.41		
5	QPSK	25	0	21.49	21.71	21.58		
5	16QAM	1	0	21.53	21.70	21.59		
5	16QAM	1	12	21.48	21.66	21.59	23	0.2
5	16QAM	1	24	21.32	21.37	21.36		
5	16QAM	12	0	21.01	21.15	21.12		
5	16QAM	12	7	21.05	21.06	21.00	22	1.2
5	16QAM	12	13	20.89	21.07	20.96		
5	16QAM	25	0	20.94	21.07	20.95		
5	64QAM	1	0	20.88	20.92	20.90		
5	64QAM	1	12	20.83	20.86	20.75	22	1.2
5	64QAM	1	24	20.78	20.85	20.68		
5	64QAM	12	0	20.14	20.17	20.17		
5	64QAM	12	7	20.09	20.19	20.09	21	2.2
5	64QAM	12	13	20.00	20.15	20.13		
5	64QAM	25	0	19.96	20.08	20.02		
5	256QAM	1	0	18.31	18.39	18.25		
5	256QAM	1	12	18.21	18.35	18.25	19	4.2
5	256QAM	1	24	18.25	18.26	18.23		
5	256QAM	12	0	18.03	18.13	18.03		
5	256QAM	12	7	18.03	18.07	18.04	19	4.2
5	256QAM	12	13	18.04	18.01	17.89		
5	256QAM	25	0	17.96	18.14	18.01		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.56	21.81	21.75	23.2	0
3	QPSK	1	8	21.55	21.73	21.64		
3	QPSK	1	14	21.44	21.50	21.48		
3	QPSK	8	0	21.40	21.67	21.51		
3	QPSK	8	4	21.49	21.72	21.61	23	0.2
3	QPSK	8	7	21.44	21.27	21.35		
3	QPSK	15	0	21.49	21.66	21.53		
3	16QAM	1	0	21.59	21.65	21.68		
3	16QAM	1	8	21.42	21.58	21.47	23	0.2
3	16QAM	1	14	21.33	21.26	21.33		
3	16QAM	8	0	20.99	21.14	21.07		
3	16QAM	8	4	21.03	21.12	21.05	22	1.2
3	16QAM	8	7	20.91	21.01	20.87		
3	16QAM	15	0	20.95	21.12	20.96		
3	64QAM	1	0	20.90	20.94	20.87		
3	64QAM	1	8	20.82	20.87	20.81	22	1.2
3	64QAM	1	14	20.80	20.79	20.67		
3	64QAM	8	0	20.10	20.17	20.15		
3	64QAM	8	4	20.06	20.15	20.08	21	2.2
3	64QAM	8	7	19.96	20.05	20.07		
3	64QAM	15	0	19.94	20.04	19.98		
3	256QAM	1	0	18.30	18.40	18.31		
3	256QAM	1	8	18.26	18.42	18.36	19	4.2
3	256QAM	1	14	18.22	18.37	18.18		
3	256QAM	8	0	17.96	18.19	18.01		
3	256QAM	8	4	17.97	18.15	18.01	19	4.2
3	256QAM	8	7	18.05	18.04	17.88		
3	256QAM	15	0	18.07	18.16	18.04		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.51	21.77	21.76	23.2	0
1.4	QPSK	1	3	21.56	21.77	21.77		
1.4	QPSK	1	5	21.49	21.49	21.41		
1.4	QPSK	3	0	21.66	21.84	21.74		
1.4	QPSK	3	1	21.48	21.80	21.64		
1.4	QPSK	3	3	21.53	21.46	21.47		
1.4	QPSK	6	0	21.45	21.67	21.67	23	0.2
1.4	16QAM	1	0	21.50	21.65	21.63	23	0.2
1.4	16QAM	1	3	21.47	21.36	21.36		
1.4	16QAM	1	5	21.36	21.65	21.63		
1.4	16QAM	3	0	21.51	21.67	21.57		
1.4	16QAM	3	1	21.35	21.60	21.52		
1.4	16QAM	3	3	21.35	21.25	21.31		
1.4	16QAM	6	0	21.08	21.11	21.13	22	1.2
1.4	64QAM	1	0	20.96	21.12	21.09	22	1.2
1.4	64QAM	1	3	20.91	20.98	20.95		
1.4	64QAM	1	5	20.90	21.09	20.94		
1.4	64QAM	3	0	20.91	20.99	20.87		
1.4	64QAM	3	1	20.87	20.86	20.80		
1.4	64QAM	3	3	20.73	20.81	20.68		
1.4	64QAM	6	0	20.12	20.24	20.13	21	2.2
1.4	256QAM	1	0	18.33	18.47	18.26	19	4.2
1.4	256QAM	1	3	18.21	18.34	18.36		
1.4	256QAM	1	5	18.16	18.30	18.21		
1.4	256QAM	3	0	18.03	18.13	18.04		
1.4	256QAM	3	1	17.95	18.14	18.10		
1.4	256QAM	3	3	17.95	18.07	17.94		
1.4	256QAM	6	0	17.99	18.09	18.12	19	4.2

Band 66 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.72	22.89	22.83	23.9	0
20	QPSK	1	49	22.69	22.75	22.72		
20	QPSK	1	99	22.59	22.72	22.58		
20	QPSK	50	0	22.09	22.13	22.03	23	0.9
20	QPSK	50	24	21.95	22.08	21.98		
20	QPSK	50	50	21.94	22.01	21.86		
20	QPSK	100	0	22.03	22.11	22.03		
20	16QAM	1	0	22.25	22.33	22.18		
20	16QAM	1	49	22.23	22.28	22.22	23	0.9
20	16QAM	1	99	22.09	22.21	22.14		
20	16QAM	50	0	21.03	21.18	21.07		
20	16QAM	50	24	21.00	21.13	20.99	22	1.9
20	16QAM	50	50	21.00	21.06	20.94		
20	16QAM	100	0	21.08	21.15	21.02		
20	64QAM	1	0	21.08	21.13	20.98		
20	64QAM	1	49	20.97	21.08	20.96	22	1.9
20	64QAM	1	99	20.91	21.01	20.93		
20	64QAM	50	0	20.01	20.11	20.04		
20	64QAM	50	24	19.94	20.06	20.00	21	2.9
20	64QAM	50	50	19.90	19.99	19.96		
20	64QAM	100	0	19.94	20.09	20.03		
20	256QAM	1	0	18.01	18.13	18.04		
20	256QAM	1	49	17.96	18.08	18.02	19	4.9
20	256QAM	1	99	17.90	18.01	17.95		
20	256QAM	50	0	17.93	18.07	17.99		
20	256QAM	50	24	17.98	18.02	17.90	19	4.9
20	256QAM	50	50	17.90	17.95	17.91		
20	256QAM	100	0	18.02	18.05	17.96		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.65	22.84	22.71	23.9	0
15	QPSK	1	37	22.56	22.68	22.60		
15	QPSK	1	74	22.46	22.68	22.48		
15	QPSK	36	0	21.94	22.05	21.97	23	0.9
15	QPSK	36	20	21.91	21.96	21.91		
15	QPSK	36	39	21.90	21.95	21.72		
15	QPSK	75	0	21.90	22.00	22.00		
15	16QAM	1	0	22.16	22.20	22.12		
15	16QAM	1	37	22.14	22.18	22.15	23	0.9
15	16QAM	1	74	21.96	22.08	22.09		
15	16QAM	36	0	20.90	21.12	20.94		
15	16QAM	36	20	20.88	21.07	20.94	22	1.9
15	16QAM	36	39	20.86	20.91	20.87		
15	16QAM	75	0	21.02	21.06	20.90		
15	64QAM	1	0	20.98	21.04	20.85		
15	64QAM	1	37	20.89	21.02	20.84	22	1.9
15	64QAM	1	74	20.86	20.87	20.87		
15	64QAM	36	0	19.90	20.07	19.99		
15	64QAM	36	20	19.86	20.01	19.89	21	2.9
15	64QAM	36	39	19.80	19.95	19.83		
15	64QAM	75	0	19.83	19.99	19.95		
15	256QAM	1	0	17.90	18.02	17.94		
15	256QAM	1	37	17.85	17.93	17.88	19	4.9
15	256QAM	1	74	17.83	17.88	17.86		
15	256QAM	36	0	17.79	17.95	17.86		
15	256QAM	36	20	17.92	17.92	17.79	19	4.9
15	256QAM	36	39	17.77	17.85	17.77		
15	256QAM	75	0	17.88	17.94	17.90		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.63	22.79	22.74	23.9	0
10	QPSK	1	25	22.56	22.68	22.58		
10	QPSK	1	49	22.55	22.63	22.43		
10	QPSK	25	0	22.02	22.07	21.90	23	0.9
10	QPSK	25	12	21.86	22.00	21.94		
10	QPSK	25	25	21.83	21.89	21.80		
10	QPSK	50	0	21.90	22.06	21.97		
10	16QAM	1	0	22.12	22.23	22.11		
10	16QAM	1	25	22.11	22.23	22.06	23	0.9
10	16QAM	1	49	21.97	22.14	21.99		
10	16QAM	25	0	20.93	21.09	20.94		
10	16QAM	25	12	20.88	21.04	20.92	22	1.9
10	16QAM	25	25	20.87	20.92	20.83		
10	16QAM	50	0	20.93	21.01	20.95		
10	64QAM	1	0	20.98	21.02	20.87		
10	64QAM	1	25	20.83	20.97	20.83	22	1.9
10	64QAM	1	49	20.81	20.90	20.83		
10	64QAM	25	0	19.91	19.98	19.98		
10	64QAM	25	12	19.86	19.96	19.89	21	2.9
10	64QAM	25	25	19.87	19.88	19.83		
10	64QAM	50	0	19.82	20.04	19.95		
10	256QAM	1	0	17.88	18.00	17.91		
10	256QAM	1	25	17.92	17.95	17.95	19	4.9
10	256QAM	1	49	17.83	17.95	17.86		
10	256QAM	25	0	17.85	18.01	17.84		
10	256QAM	25	12	17.79	17.90	17.79	19	4.9
10	256QAM	25	25	17.84	17.91	17.85		
10	256QAM	50	0	17.88	17.92	17.85		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.67	22.81	22.76	23.9	0
5	QPSK	1	12	22.57	22.64	22.62		
5	QPSK	1	24	22.52	22.69	22.44		
5	QPSK	12	0	21.98	22.10	21.92	23	0.9
5	QPSK	12	7	21.87	21.97	21.85		
5	QPSK	12	13	21.89	21.95	21.77		
5	QPSK	25	0	21.93	21.98	21.89		
5	16QAM	1	0	22.11	22.29	22.15		
5	16QAM	1	12	22.13	22.16	22.08	23	0.9
5	16QAM	1	24	21.95	22.09	22.01		
5	16QAM	12	0	20.94	21.07	20.93		
5	16QAM	12	7	20.97	21.07	20.84	22	1.9
5	16QAM	12	13	20.93	21.00	20.84		
5	16QAM	25	0	20.93	21.01	20.90		
5	64QAM	1	0	20.94	21.00	20.88		
5	64QAM	1	12	20.89	21.01	20.84	22	1.9
5	64QAM	1	24	20.82	20.98	20.78		
5	64QAM	12	0	19.90	20.05	19.92		
5	64QAM	12	7	19.79	19.98	19.87	21	2.9
5	64QAM	12	13	19.77	19.85	19.89		
5	64QAM	25	0	19.84	20.01	19.98		
5	256QAM	1	0	17.89	18.07	17.97		
5	256QAM	1	12	17.87	17.98	17.89	19	4.9
5	256QAM	1	24	17.86	17.94	17.90		
5	256QAM	12	0	17.89	17.92	17.91		
5	256QAM	12	7	17.87	17.95	17.83	19	4.9
5	256QAM	12	13	17.86	17.86	17.78		
5	256QAM	25	0	17.96	17.99	17.86		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.62	22.85	22.70	23.9	0
3	QPSK	1	8	22.65	22.66	22.58		
3	QPSK	1	14	22.53	22.59	22.54		
3	QPSK	8	0	21.97	22.08	21.92	23	0.9
3	QPSK	8	4	21.81	21.98	21.93		
3	QPSK	8	7	21.83	21.90	21.75		
3	QPSK	15	0	21.92	22.07	21.93		
3	16QAM	1	0	22.13	22.29	22.12		
3	16QAM	1	8	22.11	22.16	22.10	23	0.9
3	16QAM	1	14	22.01	22.15	22.07		
3	16QAM	8	0	20.98	21.05	20.94		
3	16QAM	8	4	20.92	21.03	20.84	22	1.9
3	16QAM	8	7	20.96	20.98	20.82		
3	16QAM	15	0	20.96	21.02	20.93		
3	64QAM	1	0	21.02	21.05	20.94		
3	64QAM	1	8	20.83	21.02	20.87	22	1.9
3	64QAM	1	14	20.85	20.92	20.89		
3	64QAM	8	0	19.90	20.00	19.92		
3	64QAM	8	4	19.85	19.95	19.86	21	2.9
3	64QAM	8	7	19.82	19.92	19.90		
3	64QAM	15	0	19.82	20.04	19.95		
3	256QAM	1	0	17.95	18.02	17.98		
3	256QAM	1	8	17.93	17.96	17.97	19	4.9
3	256QAM	1	14	17.82	17.92	17.90		
3	256QAM	8	0	17.83	17.97	17.85		
3	256QAM	8	4	17.84	17.88	17.77	19	4.9
3	256QAM	8	7	17.76	17.81	17.85		
3	256QAM	15	0	17.98	17.92	17.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.67	22.74	22.79	23.9	0
1.4	QPSK	1	3	22.66	22.69	22.59		
1.4	QPSK	1	5	22.47	22.59	22.52		
1.4	QPSK	3	0	22.57	22.79	22.69		
1.4	QPSK	3	1	22.52	22.64	22.66		
1.4	QPSK	3	3	22.48	22.57	22.57		
1.4	QPSK	6	0	22.01	21.99	22.00	23.7	0.2
1.4	16QAM	1	0	21.85	21.94	21.92	23.7	0.2
1.4	16QAM	1	3	21.90	21.94	21.74		
1.4	16QAM	1	5	21.93	22.01	21.92		
1.4	16QAM	3	0	22.18	22.26	22.11		
1.4	16QAM	3	1	22.10	22.21	22.18		
1.4	16QAM	3	3	22.01	22.15	22.05		
1.4	16QAM	6	0	20.89	21.08	20.99	22.7	1.2
1.4	64QAM	1	0	20.87	21.06	20.90	22.7	1.2
1.4	64QAM	1	3	20.87	20.98	20.82		
1.4	64QAM	1	5	20.95	21.12	20.88		
1.4	64QAM	3	0	20.94	21.01	20.84		
1.4	64QAM	3	1	20.88	20.94	20.88		
1.4	64QAM	3	3	20.87	20.88	20.81		
1.4	64QAM	6	0	19.97	19.96	19.92	21.7	2.2
1.4	256QAM	1	0	17.95	18.07	17.97	19.7	4.2
1.4	256QAM	1	3	17.90	18.00	17.90		
1.4	256QAM	1	5	17.82	17.97	17.88		
1.4	256QAM	3	0	17.88	17.97	17.88		
1.4	256QAM	3	1	17.89	17.94	17.77		
1.4	256QAM	3	3	17.77	17.88	17.85		
1.4	256QAM	6	0	17.93	17.99	17.89	19.7	4.2

Band 38 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.49	23.57	23.53	24	0
20	QPSK	1	49	23.37	23.45	23.30		
20	QPSK	1	99	23.28	23.33	23.35		
20	QPSK	50	0	22.29	22.34	22.20	23	1
20	QPSK	50	24	22.20	22.29	22.16		
20	QPSK	50	50	22.16	22.22	22.19		
20	QPSK	100	0	22.24	22.28	22.22		
20	16QAM	1	0	22.34	22.48	22.33	23	1
20	16QAM	1	49	22.33	22.43	22.30		
20	16QAM	1	99	22.25	22.36	22.30		
20	16QAM	50	0	21.28	21.39	21.34	22	2
20	16QAM	50	24	21.23	21.34	21.20		
20	16QAM	50	50	21.21	21.27	21.23		
20	16QAM	100	0	21.22	21.34	21.24		
20	64QAM	1	0	21.26	21.33	21.26	22	2
20	64QAM	1	49	21.25	21.28	21.23		
20	64QAM	1	99	21.12	21.21	21.12		
20	64QAM	50	0	20.25	20.35	20.24	21	3
20	64QAM	50	24	20.21	20.30	20.27		
20	64QAM	50	50	20.11	20.23	20.10		
20	64QAM	100	0	20.25	20.38	20.31		
20	256QAM	1	0	18.33	18.41	18.30	19	5
20	256QAM	1	49	18.21	18.36	18.25		
20	256QAM	1	99	18.25	18.29	18.21		
20	256QAM	50	0	18.19	18.32	18.19	19	5
20	256QAM	50	24	18.18	18.27	18.18		
20	256QAM	50	50	18.11	18.20	18.05		
20	256QAM	100	0	18.23	18.26	18.16		
Channel				37725	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.38	23.51	23.39	24	0
15	QPSK	1	37	23.24	23.38	23.25		
15	QPSK	1	74	23.14	23.18	23.32		
15	QPSK	36	0	22.22	22.30	22.13	23	1
15	QPSK	36	20	22.08	22.21	22.05		
15	QPSK	36	39	22.11	22.11	22.09		
15	QPSK	75	0	22.15	22.23	22.16		
15	16QAM	1	0	22.30	22.34	22.22	23	1
15	16QAM	1	37	22.26	22.36	22.26		
15	16QAM	1	74	22.17	22.30	22.23		
15	16QAM	36	0	21.15	21.35	21.30	22	2
15	16QAM	36	20	21.18	21.25	21.06		
15	16QAM	36	39	21.06	21.17	21.19		
15	16QAM	75	0	21.10	21.26	21.18		
15	64QAM	1	0	21.15	21.27	21.22	22	2
15	64QAM	1	37	21.12	21.20	21.16		
15	64QAM	1	74	21.01	21.11	21.02		
15	64QAM	36	0	20.11	20.25	20.14	21	3
15	64QAM	36	20	20.16	20.24	20.22		
15	64QAM	36	39	19.99	20.18	20.00		
15	64QAM	75	0	20.16	20.35	20.20		
15	256QAM	1	0	18.22	18.37	18.18	19	5
15	256QAM	1	37	18.14	18.23	18.14		
15	256QAM	1	74	18.15	18.24	18.08		
15	256QAM	36	0	18.08	18.24	18.08	19	5
15	256QAM	36	20	18.12	18.14	18.14		
15	256QAM	36	39	18.07	18.14	17.93		
15	256QAM	75	0	18.15	18.21	18.06		
Channel				37500	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.40	23.49	23.41	24	0
10	QPSK	1	25	23.28	23.33	23.20		
10	QPSK	1	49	23.13	23.21	23.27		
10	QPSK	25	0	22.18	22.20	22.16	23	1
10	QPSK	25	12	22.15	22.18	22.11		
10	QPSK	25	25	22.03	22.18	22.12		
10	QPSK	50	0	22.20	22.22	22.18		
10	16QAM	1	0	22.31	22.37	22.19	23	1
10	16QAM	1	25	22.27	22.29	22.15		
10	16QAM	1	49	22.13	22.32	22.21		
10	16QAM	25	0	21.20	21.27	21.22	22	2
10	16QAM	25	12	21.12	21.21	21.11		
10	16QAM	25	25	21.10	21.20	21.18		
10	16QAM	50	0	21.18	21.22	21.10		
10	64QAM	1	0	21.18	21.22	21.13	22	2
10	64QAM	1	25	21.17	21.14	21.18		
10	64QAM	1	49	21.01	21.09	21.07		
10	64QAM	25	0	20.17	20.24	20.12	21	3
10	64QAM	25	12	20.13	20.18	20.14		
10	64QAM	25	25	20.04	20.18	20.00		
10	64QAM	50	0	20.22	20.33	20.17		
10	256QAM	1	0	18.27	18.35	18.19	19	5
10	256QAM	1	25	18.11	18.22	18.22		
10	256QAM	1	49	18.18	18.25	18.07		
10	256QAM	25	0	18.04	18.20	18.16	19	5
10	256QAM	25	12	18.07	18.21	18.09		
10	256QAM	25	25	18.05	18.16	17.96		
10	256QAM	50	0	18.18	18.15	18.08		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	23.36	23.48	23.47	24	0
5	QPSK	1	12	23.23	23.35	23.31		
5	QPSK	1	24	23.22	23.24	23.29		
5	QPSK	12	0	22.21	22.24	22.10	23	1
5	QPSK	12	7	22.06	22.16	22.11		
5	QPSK	12	13	22.13	22.08	22.08		
5	QPSK	25	0	22.17	22.19	22.08		
5	16QAM	1	0	22.21	22.43	22.28	23	1
5	16QAM	1	12	22.26	22.37	22.20		
5	16QAM	1	24	22.21	22.27	22.19		
5	16QAM	12	0	21.24	21.28	21.28	22	2
5	16QAM	12	7	21.11	21.21	21.14		
5	16QAM	12	13	21.12	21.16	21.11		
5	16QAM	25	0	21.09	21.21	21.17		
5	64QAM	1	0	21.13	21.21	21.19	22	2
5	64QAM	1	12	21.17	21.24	21.18		
5	64QAM	1	24	21.03	21.14	21.02		
5	64QAM	12	0	20.13	20.22	20.21	21	3
5	64QAM	12	7	20.07	20.23	20.16		
5	64QAM	12	13	19.97	20.16	20.03		
5	64QAM	25	0	20.12	20.33	20.19		
5	256QAM	1	0	18.18	18.35	18.25	19	5
5	256QAM	1	12	18.14	18.31	18.17		
5	256QAM	1	24	18.13	18.18	18.10		
5	256QAM	12	0	18.09	18.26	18.12	19	5
5	256QAM	12	7	18.09	18.21	18.14		
5	256QAM	12	13	18.07	18.15	17.99		
5	256QAM	25	0	18.14	18.17	18.05		

Band 41 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.65	23.73	23.85	23.67	23.58	24	0
20	QPSK	1	49	23.60	23.69	23.80	23.63	23.54		
20	QPSK	1	99	23.56	23.58	23.73	23.59	23.51		
20	QPSK	50	0	22.66	22.72	22.80	22.69	22.55	23	1
20	QPSK	50	24	22.65	22.68	22.75	22.63	22.56		
20	QPSK	50	50	22.60	22.61	22.68	22.60	22.44		
20	QPSK	100	0	22.58	22.62	22.75	22.67	22.56		
20	16QAM	1	0	22.65	22.68	22.81	22.66	22.66	23	1
20	16QAM	1	49	22.63	22.71	22.76	22.65	22.51		
20	16QAM	1	99	22.59	22.54	22.69	22.50	22.46		
20	16QAM	50	0	21.71	21.75	21.82	21.62	21.66	22	2
20	16QAM	50	24	21.58	21.68	21.77	21.62	21.59		
20	16QAM	50	50	21.60	21.62	21.70	21.54	21.51		
20	16QAM	100	0	21.58	21.59	21.73	21.63	21.52		
20	64QAM	1	0	21.97	21.88	21.93	21.94	21.88	22	2
20	64QAM	1	49	21.85	21.93	21.85	21.95	21.79		
20	64QAM	1	99	21.83	21.87	21.96	21.86	21.76		
20	64QAM	50	0	20.73	20.76	20.82	20.69	20.57	21	3
20	64QAM	50	24	20.66	20.63	20.77	20.62	20.57		
20	64QAM	50	50	20.56	20.62	20.70	20.55	20.47		
20	64QAM	100	0	20.61	20.66	20.74	20.64	20.53		
20	256QAM	1	0	18.74	18.86	18.91	18.76	18.73	19	5
20	256QAM	1	49	18.75	18.74	18.86	18.77	18.68		
20	256QAM	1	99	18.66	18.67	18.79	18.59	18.59		
20	256QAM	50	0	18.64	18.71	18.81	18.64	18.57	19	5
20	256QAM	50	24	18.57	18.72	18.76	18.58	18.54		
20	256QAM	50	50	18.51	18.64	18.69	18.57	18.50		
20	256QAM	100	0	18.64	18.69	18.77	18.61	18.62		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.57	23.67	23.81	23.62	23.45	24.00	0
15	QPSK	1	37	23.48	23.55	23.75	23.57	23.39		
15	QPSK	1	74	23.42	23.48	23.63	23.50	23.39		
15	QPSK	36	0	22.58	22.64	22.74	22.59	22.50	23	1
15	QPSK	36	20	22.54	22.63	22.69	22.56	22.45		
15	QPSK	36	39	22.54	22.56	22.64	22.51	22.33		
15	QPSK	75	0	22.49	22.57	22.67	22.62	22.47		
15	16QAM	1	0	22.54	22.58	22.71	22.52	22.54	23	1
15	16QAM	1	37	22.52	22.62	22.62	22.56	22.47		
15	16QAM	1	74	22.51	22.45	22.58	22.41	22.41		
15	16QAM	36	0	21.64	21.68	21.69	21.48	21.59	22	2
15	16QAM	36	20	21.43	21.61	21.66	21.53	21.52		
15	16QAM	36	39	21.46	21.48	21.55	21.45	21.47		
15	16QAM	75	0	21.51	21.55	21.67	21.57	21.48		
15	64QAM	1	0	21.88	21.89	21.97	21.81	21.81	22	2
15	64QAM	1	37	21.72	21.84	21.94	21.87	21.68		
15	64QAM	1	74	21.73	21.73	21.86	21.76	21.69		
15	64QAM	36	0	20.66	20.69	20.74	20.55	20.46	21	3
15	64QAM	36	20	20.59	20.60	20.63	20.58	20.47		
15	64QAM	36	39	20.48	20.48	20.63	20.42	20.38		
15	64QAM	75	0	20.53	20.51	20.59	20.61	20.42		
15	256QAM	1	0	18.63	18.77	18.76	18.62	18.63	19	5
15	256QAM	1	37	18.72	18.69	18.81	18.65	18.61		
15	256QAM	1	74	18.60	18.64	18.69	18.52	18.56		
15	256QAM	36	0	18.52	18.59	18.68	18.56	18.47	19	5
15	256QAM	36	20	18.46	18.64	18.64	18.53	18.43		
15	256QAM	36	39	18.39	18.51	18.54	18.54	18.46		
15	256QAM	75	0	18.52	18.56	18.64	18.57	18.50		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.59	23.69	23.76	23.58	23.47	24.00	0
10	QPSK	1	25	23.55	23.57	23.71	23.55	23.50		
10	QPSK	1	49	23.44	23.53	23.62	23.51	23.45		
10	QPSK	25	0	22.51	22.58	22.75	22.61	22.47	23	1
10	QPSK	25	12	22.57	22.65	22.72	22.50	22.42		
10	QPSK	25	25	22.51	22.52	22.58	22.53	22.35		
10	QPSK	50	0	22.55	22.54	22.67	22.53	22.50		
10	16QAM	1	0	22.60	22.57	22.68	22.57	22.60	23	1
10	16QAM	1	25	22.58	22.65	22.71	22.55	22.37		
10	16QAM	1	49	22.46	22.41	22.59	22.46	22.40		
10	16QAM	25	0	21.60	21.63	21.77	21.54	21.54	22	2
10	16QAM	25	12	21.45	21.64	21.64	21.56	21.47		
10	16QAM	25	25	21.51	21.54	21.58	21.41	21.41		
10	16QAM	50	0	21.50	21.48	21.63	21.48	21.46		
10	64QAM	1	0	21.88	21.90	21.76	21.89	21.81	22	2
10	64QAM	1	25	21.74	21.88	21.98	21.83	21.67		
10	64QAM	1	49	21.70	21.72	21.89	21.75	21.72		
10	64QAM	25	0	20.68	20.66	20.72	20.64	20.46	21	3
10	64QAM	25	12	20.55	20.56	20.68	20.58	20.48		
10	64QAM	25	25	20.44	20.50	20.64	20.47	20.35		
10	64QAM	50	0	20.51	20.59	20.67	20.56	20.39		
10	256QAM	1	0	18.59	18.74	18.79	18.72	18.69	19	5
10	256QAM	1	25	18.68	18.67	18.82	18.64	18.60		
10	256QAM	1	49	18.53	18.60	18.72	18.52	18.46		
10	256QAM	25	0	18.55	18.60	18.68	18.61	18.46	19	5
10	256QAM	25	12	18.45	18.68	18.67	18.53	18.50		
10	256QAM	25	25	18.48	18.59	18.56	18.53	18.40		
10	256QAM	50	0	18.58	18.61	18.72	18.55	18.47		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.62	23.60	23.72	23.58	23.47	24.00	0
5	QPSK	1	12	23.48	23.65	23.70	23.60	23.45		
5	QPSK	1	24	23.47	23.50	23.60	23.50	23.40		
5	QPSK	12	0	22.59	22.58	22.73	22.61	22.51	23	1
5	QPSK	12	7	22.58	22.64	22.63	22.52	22.42		
5	QPSK	12	13	22.45	22.57	22.54	22.48	22.32		
5	QPSK	25	0	22.45	22.49	22.69	22.59	22.46		
5	16QAM	1	0	22.60	22.55	22.76	22.53	22.52	23	1
5	16QAM	1	12	22.60	22.67	22.67	22.61	22.42		
5	16QAM	1	24	22.57	22.50	22.59	22.46	22.40		
5	16QAM	12	0	21.62	21.67	21.72	21.48	21.58	22	2
5	16QAM	12	7	21.49	21.64	21.73	21.48	21.53		
5	16QAM	12	13	21.55	21.47	21.61	21.46	21.47		
5	16QAM	25	0	21.51	21.53	21.58	21.56	21.48		
5	64QAM	1	0	21.88	21.93	21.97	21.86	21.77	22	2
5	64QAM	1	12	21.74	21.82	21.91	21.90	21.72		
5	64QAM	1	24	21.68	21.81	21.90	21.80	21.68		
5	64QAM	12	0	20.63	20.72	20.75	20.62	20.46	21	3
5	64QAM	12	7	20.53	20.55	20.62	20.52	20.45		
5	64QAM	12	13	20.51	20.56	20.59	20.51	20.39		
5	64QAM	25	0	20.57	20.60	20.61	20.57	20.48		
5	256QAM	1	0	18.70	18.78	18.81	18.73	18.63	19	5
5	256QAM	1	12	18.69	18.71	18.81	18.73	18.61		
5	256QAM	1	24	18.62	18.54	18.68	18.46	18.46		
5	256QAM	12	0	18.60	18.65	18.68	18.52	18.54	19	5
5	256QAM	12	7	18.43	18.62	18.63	18.51	18.43		
5	256QAM	12	13	18.45	18.52	18.63	18.48	18.44		
5	256QAM	25	0	18.57	18.66	18.64	18.56	18.52		

Band 41 HPUE Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.70	26.77	26.83	26.61	26.59	27	0
20	QPSK	1	49	26.60	26.73	26.82	26.63	26.60		
20	QPSK	1	99	26.57	26.59	26.74	26.62	26.55		
20	QPSK	50	0	25.64	25.69	25.84	25.74	25.50	26	1
20	QPSK	50	24	25.62	25.68	25.81	25.57	25.61		
20	QPSK	50	50	25.55	25.57	25.74	25.64	25.41		
20	QPSK	100	0	25.60	25.57	25.73	25.58	25.58		
20	16QAM	1	0	25.62	25.71	25.86	25.71	25.67	26	1
20	16QAM	1	49	25.69	25.70	25.79	25.70	25.52		
20	16QAM	1	99	25.59	25.53	25.66	25.51	25.44		
20	16QAM	50	0	24.77	24.78	24.87	24.57	24.67	25	2
20	16QAM	50	24	24.55	24.62	24.77	24.61	24.58		
20	16QAM	50	50	24.65	24.57	24.71	24.50	24.47		
20	16QAM	100	0	24.62	24.56	24.75	24.66	24.57		
20	64QAM	1	0	24.91	24.83	24.99	24.97	24.92	25	2
20	64QAM	1	49	24.85	24.96	24.89	24.95	24.74		
20	64QAM	1	99	24.80	24.93	24.93	24.90	24.73		
20	64QAM	50	0	23.69	23.71	23.83	23.68	23.52	24	3
20	64QAM	50	24	23.62	23.63	23.73	23.60	23.61		
20	64QAM	50	50	23.55	23.66	23.75	23.57	23.42		
20	64QAM	100	0	23.56	23.70	23.72	23.68	23.57		
20	256QAM	1	0	21.79	21.89	21.93	21.79	21.70	22	5
20	256QAM	1	49	21.70	21.74	21.91	21.78	21.70		
20	256QAM	1	99	21.66	21.71	21.81	21.59	21.63		
20	256QAM	50	0	21.60	21.68	21.75	21.68	21.59	22	5
20	256QAM	50	24	21.63	21.71	21.82	21.60	21.55		
20	256QAM	50	50	21.54	21.70	21.71	21.52	21.50		
20	256QAM	100	0	21.62	21.65	21.75	21.60	21.60		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	26.59	26.72	26.71	26.48	26.53	27	0
15	QPSK	1	37	26.47	26.58	26.72	26.53	26.48		
15	QPSK	1	74	26.51	26.45	26.67	26.54	26.48		
15	QPSK	36	0	25.61	25.65	25.75	25.66	25.43	26	1
15	QPSK	36	20	25.56	25.57	25.73	25.53	25.55		
15	QPSK	36	39	25.42	25.47	25.67	25.54	25.37		
15	QPSK	75	0	25.47	25.46	25.64	25.64	25.43		
15	16QAM	1	0	25.54	25.67	25.82	25.60	25.63	26	1
15	16QAM	1	37	25.63	25.57	25.73	25.67	25.43		
15	16QAM	1	74	25.56	25.59	25.58	25.54	25.53		
15	16QAM	36	0	24.65	24.68	24.77	24.46	24.62	25	2
15	16QAM	36	20	24.42	24.52	24.66	24.47	24.48		
15	16QAM	36	39	24.58	24.49	24.62	24.36	24.33		
15	16QAM	75	0	24.50	24.50	24.62	24.58	24.47		
15	64QAM	1	0	24.78	24.76	24.93	24.94	24.88	25	2
15	64QAM	1	37	24.70	24.82	24.82	24.83	24.68		
15	64QAM	1	74	24.71	24.83	24.82	24.81	24.65		
15	64QAM	36	0	23.59	23.63	23.74	23.63	23.41	24	3
15	64QAM	36	20	23.49	23.58	23.66	23.51	23.51		
15	64QAM	36	39	23.52	23.57	23.65	23.53	23.28		
15	64QAM	75	0	23.44	23.61	23.67	23.59	23.44		
15	256QAM	1	0	21.67	21.85	21.85	21.68	21.56	22	5
15	256QAM	1	37	21.58	21.63	21.78	21.72	21.56		
15	256QAM	1	74	21.54	21.58	21.72	21.49	21.60		
15	256QAM	36	0	21.45	21.61	21.69	21.60	21.55	22	5
15	256QAM	36	20	21.50	21.57	21.76	21.57	21.51		
15	256QAM	36	39	21.45	21.56	21.65	21.38	21.42		
15	256QAM	75	0	21.48	21.61	21.72	21.51	21.51		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.55	26.72	26.71	26.50	26.48	27	0
10	QPSK	1	25	26.46	26.70	26.71	26.58	26.45		
10	QPSK	1	49	26.46	26.50	26.60	26.59	26.50		
10	QPSK	25	0	25.49	25.54	25.71	25.66	25.46	26	1
10	QPSK	25	12	25.54	25.61	25.77	25.47	25.54		
10	QPSK	25	25	25.49	25.48	25.59	25.50	25.30		
10	QPSK	50	0	25.52	25.47	25.67	25.57	25.49		
10	16QAM	1	0	25.57	25.61	25.80	25.61	25.55	26	1
10	16QAM	1	25	25.59	25.66	25.76	25.65	25.41		
10	16QAM	1	49	25.54	25.39	25.58	25.38	25.33		
10	16QAM	25	0	24.71	24.66	24.74	24.46	24.63	25	2
10	16QAM	25	12	24.51	24.50	24.66	24.53	24.46		
10	16QAM	25	25	24.62	24.45	24.67	24.47	24.41		
10	16QAM	50	0	24.53	24.47	24.60	24.56	24.43		
10	64QAM	1	0	24.78	24.77	24.87	24.89	24.84	25	2
10	64QAM	1	25	24.71	24.85	24.75	24.80	24.70		
10	64QAM	1	49	24.76	24.88	24.87	24.85	24.60		
10	64QAM	25	0	23.60	23.58	23.79

Band 42 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.66	20.78	20.69	21.6	0
20	QPSK	1	49	20.56	20.71	20.53		
20	QPSK	1	99	20.60	20.59	20.60		
20	QPSK	50	0	20.60	20.70	20.55	21.6	0
20	QPSK	50	24	20.54	20.54	20.44		
20	QPSK	50	50	20.47	20.51	20.55		
20	QPSK	100	0	20.61	20.67	20.55		
20	16QAM	1	0	20.53	20.61	20.50	21.6	0
20	16QAM	1	49	20.46	20.49	20.52		
20	16QAM	1	99	20.56	20.70	20.58		
20	16QAM	50	0	20.44	20.54	20.46	21.6	0
20	16QAM	50	24	20.51	20.53	20.50		
20	16QAM	50	50	20.60	20.61	20.60		
20	16QAM	100	0	20.47	20.64	20.50		
20	64QAM	1	0	20.64	20.74	20.61	21.6	0
20	64QAM	1	49	20.47	20.57	20.38		
20	64QAM	1	99	20.53	20.43	20.54		
20	64QAM	50	0	19.88	19.99	19.94	21	0.6
20	64QAM	50	24	19.80	19.94	19.90		
20	64QAM	50	50	19.78	19.87	19.72		
20	64QAM	100	0	19.99	20.06	19.92		
20	256QAM	1	0	18.02	18.13	17.98	19	2.6
20	256QAM	1	49	18.02	18.08	18.01		
20	256QAM	1	99	17.96	18.01	17.90		
20	256QAM	50	0	18.01	18.10	17.97	19	2.6
20	256QAM	50	24	17.95	18.05	17.92		
20	256QAM	50	50	17.91	17.98	17.94		
20	256QAM	100	0	17.90	18.03	17.93		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.51	20.62	20.66	21.6	0
15	QPSK	1	37	20.40	20.69	20.47		
15	QPSK	1	74	20.49	20.56	20.57		
15	QPSK	36	0	20.42	20.63	20.50	21.6	0
15	QPSK	36	20	20.43	20.40	20.36		
15	QPSK	36	39	20.36	20.41	20.40		
15	QPSK	75	0	20.51	20.55	20.39		
15	16QAM	1	0	20.50	20.53	20.34	21.6	0
15	16QAM	1	37	20.42	20.42	20.41		
15	16QAM	1	74	20.45	20.67	20.48		
15	16QAM	36	0	20.36	20.45	20.39	21.6	0
15	16QAM	36	20	20.36	20.40	20.38		
15	16QAM	36	39	20.52	20.48	20.42		
15	16QAM	75	0	20.42	20.52	20.33		
15	64QAM	1	0	20.53	20.63	20.50	21.6	0
15	64QAM	1	37	20.42	20.49	20.25		
15	64QAM	1	74	20.49	20.33	20.48		
15	64QAM	36	0	19.84	19.96	19.82	21	0.6
15	64QAM	36	20	19.66	19.91	19.82		
15	64QAM	36	39	19.64	19.78	19.68		
15	64QAM	75	0	19.87	19.99	19.89		
15	256QAM	1	0	17.95	18.09	17.85	19	2.6
15	256QAM	1	37	17.98	17.96	17.88		
15	256QAM	1	74	17.85	17.86	17.80		
15	256QAM	36	0	17.97	18.04	17.92	19	2.6
15	256QAM	36	20	17.91	17.94	17.78		
15	256QAM	36	39	17.77	17.90	17.89		
15	256QAM	75	0	17.83	17.91	17.87		
Channel				42140	42500	43340	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.51	20.60	20.56	21.6	0
10	QPSK	1	25	20.53	20.65	20.47		
10	QPSK	1	49	20.49	20.47	20.57		
10	QPSK	25	0	20.50	20.57	20.38	21.6	0
10	QPSK	25	12	20.50	20.47	20.35		
10	QPSK	25	25	20.41	20.40	20.43		
10	QPSK	50	0	20.48	20.50	20.43		
10	16QAM	1	0	20.47	20.43	20.35	21.6	0
10	16QAM	1	25	20.35	20.35	20.38		
10	16QAM	1	49	20.39	20.64	20.52		
10	16QAM	25	0	20.38	20.38	20.37	21.6	0
10	16QAM	25	12	20.44	20.35	20.39		
10	16QAM	25	25	20.43	20.48	20.50		
10	16QAM	50	0	20.30	20.48	20.33		
10	64QAM	1	0	20.57	20.68	20.50	21.6	0
10	64QAM	1	25	20.41	20.54	20.24		
10	64QAM	1	49	20.45	20.28	20.39		
10	64QAM	25	0	19.75	19.86	19.87	21	0.6
10	64QAM	25	12	19.72	19.87	19.77		
10	64QAM	25	25	19.69	19.75	19.65		
10	64QAM	50	0	19.87	19.96	19.88		
10	256QAM	1	0	17.94	18.02	17.91	19	2.6
10	256QAM	1	25	17.92	17.99	17.90		
10	256QAM	1	49	17.89	17.91	17.82		
10	256QAM	25	0	17.86	18.04	17.83	19	2.6
10	256QAM	25	12	17.84	18.01	17.81		
10	256QAM	25	25	17.82	17.86	17.85		
10	256QAM	50	0	17.78	17.92	17.80		
Channel				42115	42500	42885	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.63	20.68	20.65	21.6	0
5	QPSK	1	12	20.48	20.68	20.37		
5	QPSK	1	24	20.54	20.56	20.50		
5	QPSK	12	0	20.42	20.54	20.46	21.6	0
5	QPSK	12	7	20.52	20.38	20.38		
5	QPSK	12	13	20.32	20.38	20.38		
5	QPSK	25	0	20.56	20.51	20.52		
5	16QAM	1	0	20.49	20.55	20.41	21.6	0
5	16QAM	1	12	20.43	20.33	20.47		
5	16QAM	1	24	20.53	20.58	20.48		
5	16QAM	12	0	20.37	20.39	20.41	21.6	0
5	16QAM	12	7	20.46	20.40	20.45		
5	16QAM	12	13	20.57	20.57	20.49		
5	16QAM	25	0	20.37	20.61	20.45		
5	64QAM	1	0	20.49	20.70	20.51	21.6	0
5	64QAM	1	12	20.42	20.45	20.20		
5	64QAM	1	24	20.42	20.35	20.47		
5	64QAM	12	0	19.80	19.91	19.84	21	0.6
5	64QAM	12	7	19.66	19.90	19.78		
5	64QAM	12	13	19.72	19.76	19.61		
5	64QAM	25	0	19.92	19.93	19.83		
5	256QAM	1	0	17.96	18.00	17.85	19	2.6
5	256QAM	1	12	17.90	17.99	17.89		
5	256QAM	1	24	17.92	17.94	17.78		
5	256QAM	12	0	17.92	18.00	17.89	19	2.6
5	256QAM	12	7	17.81	17.97	17.88		
5	256QAM	12	13	17.81	17.86	17.83		
5	256QAM	25	0	17.80	17.89	17.86		

Band 42 Part 96 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	20.62	20.71	20.59	21.6	0
20	QPSK	1	49	20.46	20.68	20.49		
20	QPSK	1	99	20.56	20.47	20.51		
20	QPSK	50	0	20.51	20.63	20.48	21.6	0
20	QPSK	50	24	20.42	20.46	20.35		
20	QPSK	50	50	20.43	20.39	20.48		
20	QPSK	100	0	20.54	20.55	20.49		
20	16QAM	1	0	20.52	20.56	20.41	21.6	0
20	16QAM	1	49	20.41	20.43	20.45		
20	16QAM	1	99	20.42	20.58	20.52		
20	16QAM	50	0	20.44	20.41	20.36	21.6	0
20	16QAM	50	24	20.36	20.38	20.38		
20	16QAM	50	50	20.58	20.59	20.54		
20	16QAM	100	0	20.40	20.62	20.46		
20	64QAM	1	0	20.53	20.59	20.55	21.6	0
20	64QAM	1	49	20.44	20.47	20.31		
20	64QAM	1	99	20.44	20.38	20.53		
20	64QAM	50	0	19.73	19.97	19.93	21	0.6
20	64QAM	50	24	19.68	19.85	19.80		
20	64QAM	50	50	19.76	19.77	19.58		
20	64QAM	100	0	19.93	19.98	19.84		
20	256QAM	1	0	17.99	18.03	17.95	19	2.6
20	256QAM	1	49	17.92	17.99	17.96		
20	256QAM	1	99	17.81	17.91	17.77		
20	256QAM	50	0	17.87	17.97	17.82	19	2.6
20	256QAM	50	24	17.81	18.03	17.78		
20	256QAM	50	50	17.90	17.97	17.85		
20	256QAM	100	0	17.82	18.01	17.87		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	20.57	20.63	20.51	21.6	0
15	QPSK	1	37	20.32	20.59	20.40		
15	QPSK	1	74	20.49	20.34	20.39		
15	QPSK	36	0	20.36	20.49	20.40	21.6	0
15	QPSK	36	20	20.36	20.32	20.34		
15	QPSK	36	39	20.31	20.32	20.43		
15	QPSK	75	0	20.43	20.54	20.46		
15	16QAM	1	0	20.38	20.53	20.39	21.6	0
15	16QAM	1	37	20.36	20.42	20.42		
15	16QAM	1	74	20.33	20.58	20.44		
15	16QAM	36	0	20.43	20.29	20.28	21.6	0
15	16QAM	36	20	20.28	20.27	20.35		
15	16QAM	36	39	20.50	20.44	20.41		
15	16QAM	75	0	20.37	20.50	20.40		
15	64QAM	1	0	20.52	20.51	20.39	21.6	0
15	64QAM	1	37	20.32	20.34	20.17		
15	64QAM	1	74	20.33	20.24	20.50		
15	64QAM	36	0	19.57	19.88	19.84	21	0.6
15	64QAM	36	20	19.61	19.79	19.73		
15	64QAM	36	39	19.68	19.64	19.44		
15	64QAM	75	0	19.79	19.84	19.76		
15	256QAM	1	0	17.91	18.01	17.89	19	2.6
15	256QAM	1	37	17.90	17.93	17.88		
15	256QAM	1	74	17.76	17.86	17.70		
15	256QAM	36	0	17.83	17.88	17.77	19	2.6
15	256QAM	36	20	17.79	17.90	17.77		
15	256QAM	36	39	17.80	17.87	17.70		
15	256QAM	75	0	17.68	17.89	17.77		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	20.56	20.64	20.59	21.6	0
10	QPSK	1	25	20.46	20.63	20.36		
10	QPSK	1	49	20.53	20.32	20.39		
10	QPSK	25	0	20.41	20.52	20.45	21.6	0
10	QPSK	25	12	20.37	20.38	20.27		
10	QPSK	25	25	20.36	20.31	20.41		
10	QPSK	50	0	20.41	20.52	20.33		
10	16QAM	1	0	20.42	20.52	20.29	21.6	0
10	16QAM	1	25	20.40	20.39	20.34		
10	16QAM	1	49	20.27	20.54	20.51		
10	16QAM	25	0	20.32	20.39	20.23	21.6	0
10	16QAM	25	12	20.33	20.38	20.27		
10	16QAM	25	25	20.47	20.53	20.48		
10	16QAM	50	0	20.36	20.54	20.38		
10	64QAM	1	0	20.47	20.50	20.53	21.6	0
10	64QAM	1	25	20.34	20.34	20.30		
10	64QAM	1	49	20.30	20.33	20.53		
10	64QAM	25	0	19.58	19.86	19.80	21	0.6
10	64QAM	25	12	19.58	19.79	19.69		
10	64QAM	25	25	19.70	19.69	19.43		
10	64QAM	50	0	19.77	19.98	19.71		
10	256QAM	1	0	17.88	17.98	17.84	19	2.6
10	256QAM	1	25	17.92	17.87	17.83		
10	256QAM	1	49	17.80	17.89	17.62		
10	256QAM	25	0	17.78	17.92	17.81	19	2.6
10	256QAM	25	12	17.71	17.94	17.66		
10	256QAM	25	25	17.87	17.90	17.82		
10	256QAM	50	0	17.73	17.98	17.73		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	20.61	20.57	20.52	21.6	0
5	QPSK	1	12	20.34	20.63	20.43		
5	QPSK	1	24	20.48	20.45	20.44		
5	QPSK	12	0	20.38	20.53	20.39	21.6	0
5	QPSK	12	7	20.40	20.44	20.25		
5	QPSK	12	13	20.35	20.36	20.44		
5	QPSK	25	0	20.47	20.46	20.47		
5	16QAM	1	0	20.46	20.48	20.33	21.6	0
5	16QAM	1	12	20.30	20.34	20.36		
5	16QAM	1	24	20.37	20.52	20.44		
5	16QAM	12	0	20.35	20.28	20.34	21.6	0
5	16QAM	12	7	20.27	20.25	20.31		
5	16QAM	12	13	20.53	20.53	20.39		
5	16QAM	25	0	20.32	20.47	20.39		
5	64QAM	1	0	20.43	20.48	20.51	21.6	0
5	64QAM	1	12	20.33	20.40	20.27		
5	64QAM	1	24	20.29	20.23	20.49		
5	64QAM	12	0	19.71	19.95	19.80	21	0.6
5	64QAM	12	7	19.65	19.74	19.79		
5	64QAM	12	13	19.60	19.76	19.52		
5	64QAM	25	0	19.90	19.97	19.81		
5	256QAM	1	0	17.96	18.02	17.86	19	2.6
5	256QAM	1	12	17.83	17.92	17.90		
5	256QAM	1	24	17.69	17.80	17.74		
5	256QAM	12	0	17.76	17.92	17.71	19	2.6
5	256QAM	12	7	17.69	17.91	17.72		
5	256QAM	12	13	17.89	17.83	17.83		
5	256QAM	25	0	17.81	17.94	17.78		

Band 43 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	20.85	20.99	20.86	21.6	0
20	QPSK	1	49	20.88	20.78	20.64		
20	QPSK	1	99	20.72	20.75	20.70		
20	QPSK	50	0	20.70	20.94	20.83	21.6	0
20	QPSK	50	24	20.67	20.69	20.59		
20	QPSK	50	50	20.56	20.56	20.60		
20	QPSK	100	0	20.78	20.91	20.74		
20	16QAM	1	0	20.70	20.62	20.59	21.6	0
20	16QAM	1	49	20.61	20.58	20.64		
20	16QAM	1	99	20.77	20.82	20.70		
20	16QAM	50	0	20.70	20.67	20.71	21.6	0
20	16QAM	50	24	20.61	20.56	20.72		
20	16QAM	50	50	20.69	20.85	20.74		
20	16QAM	100	0	20.78	20.77	20.60		
20	64QAM	1	0	20.66	20.62	20.69	21.6	0
20	64QAM	1	49	20.87	20.83	20.90		
20	64QAM	1	99	20.81	20.75	20.59		
20	64QAM	50	0	20.00	20.09	20.04	21	0.6
20	64QAM	50	24	19.95	20.04	19.98		
20	64QAM	50	50	19.91	19.97	19.86		
20	64QAM	100	0	19.92	20.01	19.87		
20	256QAM	1	0	18.12	18.15	18.10	19	2.6
20	256QAM	1	49	18.04	18.10	17.96		
20	256QAM	1	99	17.93	18.03	17.98		
20	256QAM	50	0	17.96	18.07	18.02	19	2.6
20	256QAM	50	24	17.93	18.02	17.88		
20	256QAM	50	50	17.81	17.95	17.85		
20	256QAM	100	0	17.85	17.99	17.91		
Channel				43265	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	20.85	20.85	20.83	21.6	0
15	QPSK	1	37	20.84	20.64	20.48		
15	QPSK	1	74	20.55	20.61	20.67		
15	QPSK	36	0	20.66	20.90	20.65	21.6	0
15	QPSK	36	20	20.64	20.67	20.42		
15	QPSK	36	39	20.43	20.42	20.48		
15	QPSK	75	0	20.67	20.88	20.68		
15	16QAM	1	0	20.55	20.57	20.52	21.6	0
15	16QAM	1	37	20.55	20.43	20.51		
15	16QAM	1	74	20.72	20.75	20.66		
15	16QAM	36	0	20.66	20.64	20.66	21.6	0
15	16QAM	36	20	20.55	20.40	20.60		
15	16QAM	36	39	20.52	20.71	20.66		
15	16QAM	75	0	20.69	20.71	20.49		
15	64QAM	1	0	20.54	20.55	20.64	21.6	0
15	64QAM	1	37	20.79	20.67	20.74		
15	64QAM	1	74	20.65	20.70	20.46		
15	64QAM	36	0	19.86	19.95	19.94	21	0.6
15	64QAM	36	20	19.92	19.97	19.88		
15	64QAM	36	39	19.86	19.82	19.76		
15	64QAM	75	0	19.87	19.97	19.74		
15	256QAM	1	0	18.06	18.06	18.01	19	2.6
15	256QAM	1	37	18.00	18.01	17.83		
15	256QAM	1	74	17.89	17.95	17.87		
15	256QAM	36	0	17.83	17.93	17.92	19	2.6
15	256QAM	36	20	17.89	17.97	17.84		
15	256QAM	36	39	17.67	17.80	17.78		
15	256QAM	75	0	17.82	17.91	17.76		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	20.84	20.77	20.71	21.6	0
10	QPSK	1	25	20.72	20.69	20.51		
10	QPSK	1	49	20.68	20.69	20.53		
10	QPSK	25	0	20.54	20.84	20.76	21.6	0
10	QPSK	25	12	20.59	20.53	20.42		
10	QPSK	25	25	20.44	20.53	20.53		
10	QPSK	50	0	20.65	20.74	20.57		
10	16QAM	1	0	20.56	20.50	20.45	21.6	0
10	16QAM	1	25	20.45	20.45	20.51		
10	16QAM	1	49	20.65	20.66	20.58		
10	16QAM	25	0	20.61	20.54	20.58	21.6	0
10	16QAM	25	12	20.50	20.47	20.62		
10	16QAM	25	25	20.65	20.68	20.71		
10	16QAM	50	0	20.71	20.62	20.45		
10	64QAM	1	0	20.49	20.47	20.63	21.6	0
10	64QAM	1	25	20.85	20.71	20.85		
10	64QAM	1	49	20.76	20.65	20.42		
10	64QAM	25	0	19.94	20.05	19.95	21	0.6
10	64QAM	25	12	19.87	19.97	19.92		
10	64QAM	25	25	19.76	19.82	19.75		
10	64QAM	50	0	19.85	19.87	19.78		
10	256QAM	1	0	18.08	18.02	18.04	19	2.6
10	256QAM	1	25	17.98	18.05	17.89		
10	256QAM	1	49	17.80	17.89	17.86		
10	256QAM	25	0	17.82	18.04	17.93	19	2.6
10	256QAM	25	12	17.80	17.98	17.83		
10	256QAM	25	25	17.73	17.84	17.75		
10	256QAM	50	0	17.80	17.91	17.80		
Channel				43815	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3612.5	3650	3697.5		
5	QPSK	1	0	20.80	20.88	20.78	21.6	0
5	QPSK	1	12	20.75	20.68	20.50		
5	QPSK	1	24	20.59	20.65	20.54		
5	QPSK	12	0	20.55	20.82	20.75	21.6	0
5	QPSK	12	7	20.65	20.65	20.51		
5	QPSK	12	13	20.42	20.40	20.48		
5	QPSK	25	0	20.63	20.89	20.71		
5	16QAM	1	0	20.59	20.46	20.47	21.6	0
5	16QAM	1	12	20.50	20.44	20.58		
5	16QAM	1	24	20.71	20.77	20.57		
5	16QAM	12	0	20.67	20.58	20.66	21.6	0
5	16QAM	12	7	20.55	20.50	20.65		
5	16QAM	12	13	20.56	20.77	20.68		
5	16QAM	25	0	20.66	20.61	20.51		
5	64QAM	1	0	20.49	20.65	20.65	21.6	0
5	64QAM	1	12	20.77	20.72	20.73		
5	64QAM	1	24	20.66	20.63	20.42		
5	64QAM	12	0	19.89	19.99	19.93	21	0.6
5	64QAM	12	7	19.82	19.94	19.86		
5	64QAM	12	13	19.83	19.88	19.76		
5	64QAM	25	0	19.79	19.97	19.76		
5	256QAM	1	0	18.00	18.10	18.05	19	2.6
5	256QAM	1	12	17.94	18.00	17.91		
5	256QAM	1	24	17.79	17.92	17.88		
5	256QAM	12	0	17.87	17.99	17.99	19	2.6
5	256QAM	12	7	17.83	17.94	17.75		
5	256QAM	12	13	17.70	17.82	17.79		
5	256QAM	25	0	17.77	17.86	17.85		

Band 48 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.00	21.03	20.99	20.80	21.6	0
20	QPSK	1	49	20.91	20.94	20.80	20.73		
20	QPSK	1	99	20.82	20.85	20.83	20.62		
20	QPSK	50	0	20.86	20.96	20.85	20.73	21.6	0
20	QPSK	50	24	20.84	20.79	20.70	20.62		
20	QPSK	50	50	20.67	20.72	20.77	20.53		
20	QPSK	100	0	20.92	20.95	20.86	20.75		
20	16QAM	1	0	20.73	20.78	20.66	20.59	21.6	0
20	16QAM	1	49	20.75	20.75	20.74	20.52		
20	16QAM	1	99	20.91	20.89	20.86	20.69		
20	16QAM	50	0	20.84	20.79	20.78	20.69	21.6	0
20	16QAM	50	24	20.75	20.69	20.76	20.60		
20	16QAM	50	50	20.84	20.89	20.85	20.63		
20	16QAM	100	0	20.88	20.80	20.65	20.69		
20	64QAM	1	0	20.78	20.70	20.81	20.60	21.6	0
20	64QAM	1	49	20.97	20.93	20.94	20.65		
20	64QAM	1	99	20.86	20.88	20.67	20.61		
20	64QAM	50	0	20.66	20.73	20.67	20.49	21.6	0
20	64QAM	50	24	20.91	20.85	20.96	20.77		
20	64QAM	50	50	20.88	20.87	20.68	20.60		
20	64QAM	100	0	20.77	20.79	20.71	20.56		
20	256QAM	1	0	19.34	19.44	19.37	19.22	20	1.6
20	256QAM	1	49	19.35	19.39	19.34	19.15		
20	256QAM	1	99	19.27	19.32	19.23	19.07		
20	256QAM	50	0	19.33	19.41	19.27	19.21	20	1.6
20	256QAM	50	24	19.29	19.36	19.23	19.21		
20	256QAM	50	50	19.20	19.29	19.16	19.13		
20	256QAM	100	0	19.29	19.36	19.24	19.20		
Channel				54515	55025	56149	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.84	20.86	20.88	20.63	21.6	0
15	QPSK	1	37	20.83	20.88	20.76	20.63		
15	QPSK	1	74	20.68	20.76	20.75	20.60		
15	QPSK	36	0	20.81	20.81	20.76	20.56	21.6	0
15	QPSK	36	20	20.78	20.70	20.59	20.58		
15	QPSK	36	39	20.52	20.63	20.61	20.51		
15	QPSK	75	0	20.84	20.84	20.71	20.72		
15	16QAM	1	0	20.59	20.75	20.50	20.46	21.6	0
15	16QAM	1	37	20.69	20.69	20.60	20.49		
15	16QAM	1	74	20.85	20.77	20.68	20.66		
15	16QAM	36	0	20.74	20.66	20.64	20.64	21.6	0
15	16QAM	36	20	20.69	20.53	20.67	20.47		
15	16QAM	36	39	20.70	20.85	20.70	20.56		
15	16QAM	75	0	20.72	20.73	20.54	20.59		
15	64QAM	1	0	20.73	20.64	20.64	20.46	21.6	0
15	64QAM	1	37	20.87	20.87	20.84	20.59		
15	64QAM	1	74	20.71	20.80	20.59	20.57		
15	64QAM	36	0	20.51	20.57	20.61	20.45	21.6	0
15	64QAM	36	20	20.88	20.82	20.93	20.62		
15	64QAM	36	39	20.85	20.70	20.60	20.55		
15	64QAM	75	0	20.71	20.61	20.59	20.47		
15	256QAM	1	0	19.23	19.40	19.22	19.14	20	1.6
15	256QAM	1	37	19.26	19.30	19.30	19.02		
15	256QAM	1	74	19.19	19.26	19.18	19.01		
15	256QAM	36	0	19.22	19.35	19.20	19.13	20	1.6
15	256QAM	36	20	19.24	19.32	19.11	19.18		
15	256QAM	36	39	19.17	19.26	19.07	19.10		
15	256QAM	75	0	19.22	19.32	19.12	19.13		
Channel				54290	55615	56143	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.85	20.90	20.83	20.63	21.6	0
10	QPSK	1	25	20.77	20.84	20.64	20.57		
10	QPSK	1	49	20.68	20.81	20.70	20.54		
10	QPSK	25	0	20.79	20.84	20.79	20.63	21.6	0
10	QPSK	25	12	20.75	20.69	20.64	20.47		
10	QPSK	25	25	20.50	20.69	20.62	20.41		
10	QPSK	50	0	20.76	20.91	20.74	20.70		
10	16QAM	1	0	20.68	20.66	20.61	20.57	21.6	0
10	16QAM	1	25	20.70	20.66	20.59	20.39		
10	16QAM	1	49	20.87	20.78	20.72	20.58		
10	16QAM	25	0	20.67	20.70	20.67	20.54	21.6	0
10	16QAM	25	12	20.60	20.59	20.72	20.50		
10	16QAM	25	25	20.71	20.74	20.70	20.51		
10	16QAM	50	0	20.79	20.67	20.54	20.66		
10	64QAM	1	0	20.61	20.55	20.76	20.52	21.6	0
10	64QAM	1	25	20.87	20.76	20.91	20.48		
10	64QAM	1	49	20.70	20.71	20.53	20.56		
10	64QAM	25	0	20.51	20.69	20.51	20.39	21.6	0
10	64QAM	25	12	20.79	20.67	20.78	20.69		
10	64QAM	25	25	20.83	20.78	20.64	20.53		
10	64QAM	50	0	20.70	20.73	20.64	20.42		
10	256QAM	1	0	19.28	19.32	19.26	19.13	20	1.6
10	256QAM	1	25	19.21	19.25	19.28	19.06		
10	256QAM	1	49	19.12	19.17	19.11	18.96		
10	256QAM	25	0	19.28	19.27	19.20	19.07	20	1.6
10	256QAM	25	12	19.24	19.32	19.20	19.13		
10	256QAM	25	25	19.15	19.22	19.10	19.06		
10	256QAM	50	0	19.19	19.24	19.20	19.16		
Channel				54265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.85	20.91	20.94	20.77	21.6	0
5	QPSK	1	12	20.78	20.76	20.70	20.70		
5	QPSK	1	24	20.77	20.75	20.67	20.48		
5	QPSK	12	0	20.73	20.84	20.68	20.56	21.6	0
5	QPSK	12	7	20.70	20.72	20.58	20.48		
5	QPSK	12	13	20.62	20.59	20.60	20.38		
5	QPSK	25	0	20.81	20.83	20.74	20.65		
5	16QAM	1	0	20.66	20.67	20.58	20.57	21.6	0
5	16QAM	1	12	20.67	20.71	20.64	20.44		
5	16QAM	1	24	20.74	20.79	20.83	20.66		
5	16QAM	12	0	20.73	20.65	20.69	20.63	21.6	0
5	16QAM	12	7	20.61	20.57	20.59	20.48		
5	16QAM	12	13	20.75	20.86	20.70	20.52		
5	16QAM	25	0	20.77	20.72	20.50	20.59		
5	64QAM	1	0	20.63	20.58	20.70	20.49	21.6	0
5	64QAM	1	12	20.84	20.86	20.89	20.60		
5	64QAM	1	24	20.70	20.76	20.61	20.47		
5	64QAM	12	0	20.56	20.58	20.56	20.41	21.6	0
5	64QAM	12	7	20.79	20.69	20.90	20.71		
5	64QAM	12	13	20.75	20.84	20.59	20.53		
5	64QAM	25	0	20.61	20.76	20.64	20.51		
5	256QAM	1	0	19.31	19.36	19.27	19.12	20	1.6
5	256QAM	1	12	19.31	19.34	19.31	19.12		
5	256QAM	1	24	19.22	19.29	19.10	19.01		
5	256QAM	12	0	19.26	19.28	19.16	19.15	20	1.6
5	256QAM	12	7	19.23	19.24	19.09	19.14		
5	256QAM	12	13	19.13	19.25	19.02	18.99		
5	256QAM	25	0	19.17	19.27	19.16	19.13		

Reduced Power Mode for DSI2-Simultaneous

GSM850 Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.20	33.32	33.28	33.50	24.20	24.32	24.28	24.50
GPRS 1 Tx slot	33.25	33.39	33.31	33.50	24.25	24.39	24.31	24.50
GPRS 2 Tx slots	30.42	30.54	30.50	31.00	24.42	24.54	24.50	25.00
GPRS 3 Tx slots	28.88	28.92	28.84	29.50	24.62	24.66	24.58	25.24
GPRS 4 Tx slots	27.25	27.38	27.30	28.00	24.25	24.38	24.30	25.00
EDGE 1 Tx slot	26.18	26.24	26.10	27.00	17.18	17.24	17.10	18.00
EDGE 2 Tx slots	24.41	24.49	24.45	25.00	18.41	18.49	18.45	19.00
EDGE 3 Tx slots	23.12	23.25	23.10	24.00	18.86	18.99	18.84	19.74
EDGE 4 Tx slots	21.20	21.27	21.18	22.00	18.20	18.27	18.18	19.00

GSM1900 Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.65	28.68	28.60	29.00	19.65	19.68	19.60	20.00
GPRS 1 Tx slot	28.69	28.74	28.63	29.00	19.69	19.74	19.63	20.00
GPRS 2 Tx slots	25.35	25.39	25.31	26.00	19.35	19.39	19.31	20.00
GPRS 3 Tx slots	22.96	23.07	22.96	24.50	18.70	18.81	18.70	20.24
GPRS 4 Tx slots	21.28	21.38	21.27	22.50	18.28	18.38	18.27	19.50
EDGE 1 Tx slot	23.50	23.57	23.43	24.50	14.50	14.57	14.43	15.50
EDGE 2 Tx slots	21.83	21.87	21.80	23.00	15.83	15.87	15.80	17.00
EDGE 3 Tx slots	20.69	20.74	20.61	22.00	16.43	16.48	16.35	17.74
EDGE 4 Tx slots	18.46	18.57	18.52	20.00	15.46	15.57	15.52	17.00

Band		WCDMA IV Ant0			Tune-up Limit (dBm)	WCDMA V Ant0			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		4132	4182	4233	
Rx Channel		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.59	19.71	19.67	20.90	23.65	23.72	23.63	24.00
3GPP Rel 99	RMC 12.2Kbps	19.81	19.82	19.66	20.90	23.71	23.78	23.66	24.00
3GPP Rel 6	HSDPA Subtest-1	19.02	18.96	18.84	19.90	22.89	22.84	22.83	23.00
3GPP Rel 6	HSDPA Subtest-2	18.74	18.86	18.74	19.90	22.77	22.91	22.84	23.00
3GPP Rel 6	HSDPA Subtest-3	18.20	18.38	18.23	19.40	22.30	22.43	22.33	22.50
3GPP Rel 6	HSDPA Subtest-4	18.26	18.38	18.39	19.40	22.24	22.41	22.37	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.72	18.87	18.62	19.90	22.89	22.73	22.75	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.56	18.78	18.60	19.90	22.65	22.79	22.59	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.23	18.23	18.20	19.40	22.26	22.26	22.21	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.25	18.21	18.28	19.40	22.16	22.29	22.31	22.50
3GPP Rel 6	HSUPA Subtest-1	18.91	18.81	18.78	19.90	22.90	22.94	22.94	23.00
3GPP Rel 6	HSUPA Subtest-2	16.80	17.06	16.78	17.90	20.89	20.97	20.75	21.00
3GPP Rel 6	HSUPA Subtest-3	17.80	17.76	17.90	18.90	21.79	21.92	21.93	22.00
3GPP Rel 6	HSUPA Subtest-4	16.76	16.78	16.84	17.90	20.77	20.87	20.83	21.00
3GPP Rel 6	HSUPA Subtest-5	18.81	18.63	18.75	19.90	22.85	22.76	22.74	23.00

Band 4 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.88	18.90	18.75	20.1	0
20	QPSK	1	49	18.73	18.73	18.63		
20	QPSK	1	99	18.70	18.69	18.60		
20	QPSK	50	0	18.63	18.81	18.75		
20	QPSK	50	24	18.75	18.67	18.61	20	0.1
20	QPSK	50	50	18.52	18.49	18.64		
20	QPSK	100	0	18.71	18.79	18.56		
20	16QAM	1	0	18.78	18.76	18.68		
20	16QAM	1	49	18.75	18.63	18.55	20	0.1
20	16QAM	1	99	18.61	18.54	18.49		
20	16QAM	50	0	18.43	18.49	18.41		
20	16QAM	50	24	18.38	18.51	18.38	19	1.1
20	16QAM	50	50	18.45	18.49	18.43		
20	16QAM	100	0	18.48	18.61	18.57		
20	64QAM	1	0	18.29	18.35	18.21		
20	64QAM	1	49	18.37	18.43	18.31	19	1.1
20	64QAM	1	99	18.12	18.25	18.10		
20	64QAM	50	0	17.30	17.43	17.35		
20	64QAM	50	24	17.34	17.40	17.37	18	2.1
20	64QAM	50	50	17.22	17.30	17.25		
20	64QAM	100	0	17.37	17.41	17.27		
20	256QAM	1	0	15.45	15.51	15.47		
20	256QAM	1	49	15.25	15.38	15.32	16	4.1
20	256QAM	1	99	15.34	15.37	15.30		
20	256QAM	50	0	15.38	15.41	15.33		
20	256QAM	50	24	15.42	15.45	15.36	16	4.1
20	256QAM	50	50	15.14	15.26	15.11		
20	256QAM	100	0	15.27	15.37	15.25		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.83	18.88	18.67	20.1	0
15	QPSK	1	37	18.66	18.68	18.61		
15	QPSK	1	74	18.52	18.59	18.43		
15	QPSK	36	0	18.60	18.77	18.69		
15	QPSK	36	20	18.69	18.55	18.48	20	0.1
15	QPSK	36	39	18.45	18.45	18.39		
15	QPSK	75	0	18.63	18.69	18.44		
15	16QAM	1	0	18.73	18.72	18.55		
15	16QAM	1	37	18.63	18.53	18.40	20	0.1
15	16QAM	1	74	18.57	18.37	18.31		
15	16QAM	36	0	18.37	18.36	18.37		
15	16QAM	36	20	18.25	18.43	18.28	19	1.1
15	16QAM	36	39	18.31	18.36	18.37		
15	16QAM	75	0	18.40	18.57	18.46		
15	64QAM	1	0	18.21	18.32	18.07		
15	64QAM	1	37	18.32	18.40	18.23	19	1.1
15	64QAM	1	74	17.97	18.17	17.98		
15	64QAM	36	0	17.17	17.32	17.21		
15	64QAM	36	20	17.25	17.33	17.26	18	2.1
15	64QAM	36	39	17.17	17.23	17.19		
15	64QAM	75	0	17.26	17.31	17.21		
15	256QAM	1	0	15.31	15.39	15.37		
15	256QAM	1	37	15.13	15.24	15.17	16	4.1
15	256QAM	1	74	15.26	15.31	15.25		
15	256QAM	36	0	15.34	15.30	15.23		
15	256QAM	36	20	15.28	15.37	15.26	16	4.1
15	256QAM	36	39	15.07	15.18	15.11		
15	256QAM	75	0	15.19	15.31	15.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.79	18.74	18.67	20.1	0
10	QPSK	1	25	18.59	18.61	18.58		
10	QPSK	1	49	18.62	18.53	18.42		
10	QPSK	25	0	18.48	18.65	18.68		
10	QPSK	25	12	18.59	18.58	18.58	20	0.1
10	QPSK	25	25	18.48	18.36	18.47		
10	QPSK	50	0	18.60	18.78	18.51		
10	16QAM	1	0	18.68	18.62	18.52		
10	16QAM	1	25	18.57	18.47	18.52	20	0.1
10	16QAM	1	49	18.54	18.37	18.39		
10	16QAM	25	0	18.36	18.39	18.34		
10	16QAM	25	12	18.31	18.39	18.34	19	1.1
10	16QAM	25	25	18.30	18.35	18.38		
10	16QAM	50	0	18.41	18.50	18.52		
10	64QAM	1	0	18.15	18.23	18.09		
10	64QAM	1	25	18.27	18.33	18.23	19	1.1
10	64QAM	1	49	18.09	18.18	17.98		
10	64QAM	25	0	17.24	17.36	17.32		
10	64QAM	25	12	17.25	17.36	17.31	18	2.1
10	64QAM	25	25	17.11	17.21	17.17		
10	64QAM	50	0	17.31	17.31	17.22		
10	256QAM	1	0	15.38	15.47	15.35		
10	256QAM	1	25	15.18	15.24	15.22	16	4.1
10	256QAM	1	49	15.20	15.25	15.24		
10	256QAM	25	0	15.34	15.30	15.24		
10	256QAM	25	12	15.35	15.36	15.30	16	4.1
10	256QAM	25	25	15.09	15.14	15.05		
10	256QAM	50	0	15.13	15.31	15.14		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.79	18.86	18.60	20.1	0
5	QPSK	1	12	18.71	18.55	18.59		
5	QPSK	1	24	18.61	18.56	18.45		
5	QPSK	12	0	18.53	18.66	18.65		
5	QPSK	12	7	18.57	18.63	18.53	20	0.1
5	QPSK	12	13	18.48	18.31	18.60		
5	QPSK	25	0	18.64	18.72	18.50		
5	16QAM	1	0	18.69	18.65	18.56		
5	16QAM	1	12	18.71	18.55	18.48	20	0.1
5	16QAM	1	24	18.46	18.39	18.44		
5	16QAM	12	0	18.36	18.37	18.27		
5	16QAM	12	7	18.30	18.46	18.30	19	1.1
5	16QAM	12	13	18.41	18.36	18.43		
5	16QAM	25	0	18.40	18.53	18.50		
5	64QAM	1	0	18.17	18.21	18.14		
5	64QAM	1	12	18.25	18.40	18.24	19	1.1
5	64QAM	1	24	17.97	18.17	17.97		
5	64QAM	12	0	17.25	17.37	17.26		
5	64QAM	12	7	17.29	17.27	17.31	18	2.1
5	64QAM	12	13	17.12	17.17	17.16		
5	64QAM	25	0	17.31	17.27	17.17		
5	256QAM	1	0	15.37	15.40	15.33		
5	256QAM	1	12	15.15	15.29	15.21	16	4.1
5	256QAM	1	24	15.24	15.24	15.27		
5	256QAM	12	0	15.32	15.30	15.18		
5	256QAM	12	7	15.29	15.41	15.30	16	4.1
5	256QAM	12	13	15.10	15.11	15.00		
5	256QAM	25	0	15.23	15.31	15.12		
Channel				19950	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.77	18.84	18.65	20.1	0
3	QPSK	1	8	18.60	18.70	18.53		
3	QPSK	1	14	18.54	18.52	18.42		
3	QPSK	8	0	18.59	18.72	18.58		
3	QPSK	8	4	18.67	18.62	18.54	20	0.1
3	QPSK	8	7	18.36	18.37	18.50		
3	QPSK	15	0	18.53	18.75	18.39		
3	16QAM	1	0	18.75	18.62	18.53		
3	16QAM	1	8	18.64	18.48	18.41	20	0.1
3	16QAM	1	14	18.54	18.49	18.35		
3	16QAM	8	0	18.38	18.45	18.31		
3	16QAM	8	4	18.29	18.44	18.29	19	1.1
3	16QAM	8	7	18.32	18.42	18.30		
3	16QAM	15	0	18.44	18.47	18.45		
3	64QAM	1	0	18.21	18.24	18.08		
3	64QAM	1	8	18.32	18.29	18.24	19	1.1
3	64QAM	1	14	18.07	18.15	17.99		
3	64QAM	8	0	17.24	17.33	17.30		
3	64QAM	8	4	17.23	17.35	17.24	18	2.1
3	64QAM	8	7	17.10	17.18	17.21		
3	64QAM	15	0	17.23	17.29	17.13		
3	256QAM	1	0	15.37	15.37	15.43		
3	256QAM	1	8	15.16	15.33	15.24	16	4.1
3	256QAM	1	14	15.30	15.25	15.17		
3	256QAM	8	0	15.32	15.30	15.26		
3	256QAM	8	4	15.28	15.41	15.22	16	4.1
3	256QAM	8	7	15.09	15.18	15.01		
3	256QAM	15	0	15.21	15.28	15.13		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.78	18.74	18.71	20.1	0
1.4	QPSK	1	3	18.70	18.58	18.55		
1.4	QPSK	1	5	18.64	18.56	18.55		
1.4	QPSK	3	0	18.79	18.80	18.62		
1.4	QPSK	3	1	18.62	18.58	18.59		
1.4	QPSK	3	3	18.59	18.55	18.46		
1.4	QPSK	6	0	18.46	18.73	18.60	20	0.1
1.4	16QAM	1	0	18.58	18.57	18.52	20	0.1
1.4	16QAM	1	3	18.37	18.37	18.59		
1.4	16QAM	1	5	18.59	18.66	18.52		
1.4	16QAM	3	0	18.63	18.58	18.52		
1.4	16QAM	3	1	18.59	18.55	18.40		
1.4	16QAM	3	3	18.44	18.51	18.37		
1.4	16QAM	6	0	18.36	18.41	18.34	19	1.1
1.4	64QAM	1	0	18.29	18.41	18.25	19	1.1
1.4	64QAM	1	3	18.33	18.45	18.34		
1.4	64QAM	1	5	18.38	18.48	18.45		
1.4	64QAM	3	0	18.16	18.24	18.15		
1.4	64QAM	3	1	18.27	18.33	18.23		
1.4	64QAM	3	3	18.01	18.19	17.97		
1.4	64QAM	6	0	17.17	17.39	17.22	18	2.1
1.4	256QAM	1	0	15.40	15.43	15.37	16	4.1
1.4	256QAM	1	3	15.12	15.35	15.19		
1.4	256QAM	1	5	15.23	15.31	15.15		
1.4	256QAM	3	0	15.29	15.32	15.30		
1.4	256QAM	3	1	15.37	15.32	15.21		
1.4	256QAM	3	3	15.01	15.17	15.06		
1.4	256QAM	6	0	15.17	15.31	15.11	16	4.1

Band 5 Ant 0

BW [MHz]	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	22.78	22.82	22.72	24	0
10	QPSK	1	25	22.71	22.77	22.67		
10	QPSK	1	49	22.63	22.66	22.64		
10	QPSK	25	0	21.94	21.97	21.90		
10	QPSK	25	12	21.77	21.90	21.81	23	1
10	QPSK	25	25	21.67	21.81	21.69		
10	QPSK	50	0	21.79	21.88	21.74		
10	16QAM	1	0	21.86	21.91	21.77		
10	16QAM	1	25	21.73	21.82	21.76	23	1
10	16QAM	1	49	21.66	21.78	21.71		
10	16QAM	25	0	20.83	20.96	20.91		
10	16QAM	25	12	20.71	20.77	20.69	22	2
10	16QAM	25	25	20.69	20.79	20.75		
10	16QAM	50	0	20.75	20.85	20.72		
10	64QAM	1	0	20.86	20.91	20.85		
10	64QAM	1	25	20.79	20.83	20.71	22	2
10	64QAM	1	49	20.65	20.76	20.68		
10	64QAM	25	0	19.76	19.91	19.84		
10	64QAM	25	12	19.74	19.77	19.69	21	3
10	64QAM	25	25	19.72	19.86	19.80		
10	64QAM	50	0	19.73	19.81	19.75		
10	256QAM	1	0	17.71	17.82	17.68	19	5
10	256QAM	1	25	17.67	17.72	17.61		
10	256QAM	1	49	17.62	17.74	17.68		
10	256QAM	25	0	17.69	17.78	17.72		
10	256QAM	25	12	17.57	17.69	17.64	19	5
10	256QAM	25	25	17.55	17.65	17.58		
10	256QAM	50	0	17.65	17.71	17.62		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.72	22.77	22.62	24	0
5	QPSK	1	12	22.67	22.73	22.63		
5	QPSK	1	24	22.56	22.59	22.54		
5	QPSK	12	0	21.90	21.83	21.86	23	1
5	QPSK	12	7	21.65	21.82	21.70		
5	QPSK	12	13	21.62	21.68	21.55		
5	QPSK	25	0	21.73	21.80	21.71		
5	16QAM	1	0	21.79	21.88	21.62	23	1
5	16QAM	1	12	21.70	21.74	21.63		
5	16QAM	1	24	21.58	21.66	21.52		
5	16QAM	12	0	20.74	20.90	20.88	22	2
5	16QAM	12	7	20.62	20.64	20.63		
5	16QAM	12	13	20.54	20.67	20.67		
5	16QAM	25	0	20.68	20.81	20.58		
5	64QAM	1	0	20.80	20.80	20.81	22	2
5	64QAM	1	12	20.51	20.61	20.53		
5	64QAM	1	24	20.38	20.57	20.48		
5	64QAM	12	0	19.69	19.76	19.69	21	3
5	64QAM	12	7	19.67	19.64	19.55		
5	64QAM	12	13	19.59	19.80	19.71		
5	64QAM	25	0	19.63	19.72	19.66		
5	256QAM	1	0	17.64	17.76	17.53	19	5
5	256QAM	1	12	17.63	17.67	17.57		
5	256QAM	1	24	17.50	17.62	17.58		
5	256QAM	12	0	17.65	17.63	17.67		
5	256QAM	12	7	17.49	17.61	17.55		
5	256QAM	12	13	17.44	17.57	17.56		
5	256QAM	25	0	17.53	17.61	17.59		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.69	22.72	22.62	24	0
3	QPSK	1	8	22.63	22.67	22.63		
3	QPSK	1	14	22.54	22.68	22.51		
3	QPSK	8	0	21.89	21.89	21.79	23	1
3	QPSK	8	4	21.63	21.79	21.70		
3	QPSK	8	7	21.53	21.66	21.54		
3	QPSK	15	0	21.73	21.85	21.64		
3	16QAM	1	0	21.73	21.86	21.66	23	1
3	16QAM	1	8	21.63	21.69	21.72		
3	16QAM	1	14	21.46	21.56	21.45		
3	16QAM	8	0	20.73	20.85	20.88	22	2
3	16QAM	8	4	20.63	20.70	20.58		
3	16QAM	8	7	20.63	20.65	20.62		
3	16QAM	15	0	20.61	20.76	20.60		
3	64QAM	1	0	20.76	20.87	20.77	22	2
3	64QAM	1	8	20.45	20.64	20.53		
3	64QAM	1	14	20.41	20.52	20.43		
3	64QAM	8	0	19.72	19.81	19.77	21	3
3	64QAM	8	4	19.69	19.72	19.56		
3	64QAM	8	7	19.61	19.80	19.77		
3	64QAM	15	0	19.65	19.74	19.65		
3	256QAM	1	0	17.68	17.71	17.57	19	5
3	256QAM	1	8	17.55	17.64	17.49		
3	256QAM	1	14	17.56	17.65	17.63		
3	256QAM	8	0	17.63	17.69	17.64	19	5
3	256QAM	8	4	17.48	17.61	17.56		
3	256QAM	8	7	17.41	17.59	17.44		
3	256QAM	15	0	17.62	17.66	17.49		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.65	22.78	22.62	24	0
1.4	QPSK	1	3	22.62	22.66	22.61		
1.4	QPSK	1	5	22.49	22.61	22.58		
1.4	QPSK	3	0	22.68	22.70	22.66		
1.4	QPSK	3	1	22.60	22.72	22.55		
1.4	QPSK	3	3	22.51	22.58	22.60		
1.4	QPSK	6	0	21.89	21.85	21.86	23	1
1.4	16QAM	1	0	21.64	21.82	21.68	23	1
1.4	16QAM	1	3	21.62	21.72	21.60		
1.4	16QAM	1	5	21.68	21.84	21.67		
1.4	16QAM	3	0	21.77	21.81	21.68		
1.4	16QAM	3	1	21.65	21.68	21.66		
1.4	16QAM	3	3	21.46	21.64	21.43		
1.4	16QAM	6	0	20.72	20.92	20.81	22	2
1.4	64QAM	1	0	20.56	20.71	20.63	22	2
1.4	64QAM	1	3	20.60	20.66	20.68		
1.4	64QAM	1	5	20.67	20.77	20.65		
1.4	64QAM	3	0	20.81	20.82	20.78		
1.4	64QAM	3	1	20.68	20.73	20.62		
1.4	64QAM	3	3	20.58	20.69	20.55		
1.4	64QAM	6	0	19.72	19.79	19.75	21	3
1.4	256QAM	1	0	17.67	17.72	17.61	19	5
1.4	256QAM	1	3	17.54	17.66	17.54		
1.4	256QAM	1	5	17.59	17.70	17.62		
1.4	256QAM	3	0	17.61	17.68	17.62		
1.4	256QAM	3	1	17.50	17.56	17.61		
1.4	256QAM	3	3	17.47	17.52	17.44		
1.4	256QAM	6	0	17.61	17.59	17.55	19	5

Band 7 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.47	19.55	19.45	20.7	0
20	QPSK	1	49	19.29	19.43	19.38		
20	QPSK	1	99	19.40	19.40	19.16		
20	QPSK	50	0	19.37	19.39	19.30		
20	QPSK	50	24	19.15	19.28	19.33	20.7	0
20	QPSK	50	50	19.27	19.23	19.18		
20	QPSK	100	0	19.37	19.34	19.30		
20	16QAM	1	0	19.37	19.52	19.29		
20	16QAM	1	49	19.25	19.27	19.27	20.7	0
20	16QAM	1	99	19.28	19.39	19.06		
20	16QAM	50	0	19.45	19.37	19.38		
20	16QAM	50	24	19.22	19.40	19.30	20.7	0
20	16QAM	50	50	19.23	19.38	19.03		
20	16QAM	100	0	19.41	19.41	19.35		
20	64QAM	1	0	19.45	19.40	19.28		
20	64QAM	1	49	19.26	19.26	19.26	20.7	0
20	64QAM	1	99	19.29	19.32	19.05		
20	64QAM	50	0	19.30	19.30	19.17		
20	64QAM	50	24	18.99	19.11	19.31	20.7	0
20	64QAM	50	50	19.12	19.13	19.11		
20	64QAM	100	0	19.15	19.36	19.19		
20	256QAM	1	0	18.36	18.46	18.38	19	1.7
20	256QAM	1	49	18.38	18.41	18.34		
20	256QAM	1	99	18.25	18.34	18.28		
20	256QAM	50	0	18.27	18.42	18.36		
20	256QAM	50	24	18.31	18.37	18.29	19	1.7
20	256QAM	50	50	18.21	18.30	18.25		
20	256QAM	100	0	18.30	18.39	18.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.31	19.51	19.38	20.7	0
15	QPSK	1	37	19.16	19.27	19.28		
15	QPSK	1	74	19.26	19.43	19.13		
15	QPSK	36	0	19.24	19.23	19.14		
15	QPSK	36	20	19.11	19.10	19.24	20.7	0
15	QPSK	36	39	19.14	19.08	19.03		
15	QPSK	75	0	19.13	19.19	19.17		
15	16QAM	1	0	19.31	19.37	19.12		
15	16QAM	1	37	19.09	19.18	19.23	20.7	0
15	16QAM	1	74	19.26	19.21	19.06		
15	16QAM	36	0	19.30	19.22	19.33		
15	16QAM	36	20	19.12	19.27	19.22	20.7	0
15	16QAM	36	39	19.16	19.27	18.87		
15	16QAM	75	0	19.34	19.27	19.22		
15	64QAM	1	0	19.39	19.31	19.16		
15	64QAM	1	37	19.11	19.20	19.12	20.7	0
15	64QAM	1	74	19.23	19.17	18.90		
15	64QAM	36	0	19.26	19.17	19.10		
15	64QAM	36	20	18.86	19.03	19.25	20.7	0
15	64QAM	36	39	18.96	19.03	19.02		
15	64QAM	75	0	19.05	19.27	19.11		
15	256QAM	1	0	18.31	18.34	18.29	19	1.7
15	256QAM	1	37	18.23	18.33	18.28		
15	256QAM	1	74	18.21	18.30	18.16		
15	256QAM	36	0	18.13	18.29	18.32		
15	256QAM	36	20	18.21	18.31	18.23	19	1.7
15	256QAM	36	39	18.06	18.25	18.19		
15	256QAM	75	0	18.20	18.29	18.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.41	19.47	19.28	20.7	0
10	QPSK	1	25	19.27	19.32	19.34		
10	QPSK	1	49	19.26	19.41	19.00		
10	QPSK	25	0	19.24	19.22	19.15	20.7	0
10	QPSK	25	12	18.97	19.22	19.21		
10	QPSK	25	25	19.24	19.08	19.14		
10	QPSK	50	0	19.22	19.22	19.22		
10	16QAM	1	0	19.30	19.40	19.15		
10	16QAM	1	25	19.21	19.16	19.15	20.7	0
10	16QAM	1	49	18.97	19.25	18.92		
10	16QAM	25	0	19.31	19.24	19.34		
10	16QAM	25	12

Band 13 Ant 0

BW [MHz]	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		22.82		24	0
10	QPSK	1	25		22.77			
10	QPSK	1	49		22.73			
10	QPSK	25	0		21.87		23	1
10	QPSK	25	12		21.82			
10	QPSK	25	25		21.76			
10	QPSK	50	0		21.83			
10	16QAM	1	0		21.77		23	1
10	16QAM	1	25		21.72			
10	16QAM	1	49		21.61			
10	16QAM	25	0		20.90		22	2
10	16QAM	25	12		20.85			
10	16QAM	25	25		20.73			
10	16QAM	50	0		20.84			
10	64QAM	1	0		20.79		22	2
10	64QAM	1	25		20.74			
10	64QAM	1	49		20.60			
10	64QAM	25	0		19.91		21	3
10	64QAM	25	12		19.86			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.85			
10	256QAM	1	0		17.91		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.74			
10	256QAM	25	0		17.87		19	5
10	256QAM	25	12		17.82			
10	256QAM	25	25		17.74			
10	256QAM	50	0		17.80			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.71	22.78	22.67	24	0
5	QPSK	1	12	22.68	22.72	22.64		
5	QPSK	1	24	22.54	22.62	22.53		
5	QPSK	12	0	21.66	21.77	21.68	23	1
5	QPSK	12	7	21.71	21.78	21.73		
5	QPSK	12	13	21.49	21.64	21.54		
5	QPSK	25	0	21.66	21.79	21.67		
5	16QAM	1	0	21.63	21.74	21.63	23	1
5	16QAM	1	12	21.57	21.60	21.54		
5	16QAM	1	24	21.39	21.51	21.46		
5	16QAM	12	0	20.70	20.81	20.69	22	2
5	16QAM	12	7	20.68	20.77	20.64		
5	16QAM	12	13	20.61	20.72	20.61		
5	16QAM	25	0	20.68	20.81	20.73		
5	64QAM	1	0	20.52	20.65	20.59	22	2
5	64QAM	1	12	20.46	20.60	20.50		
5	64QAM	1	24	20.48	20.57	20.43		
5	64QAM	12	0	19.66	19.76	19.67	21	3
5	64QAM	12	7	19.70	19.74	19.63		
5	64QAM	12	13	19.66	19.71	19.59		
5	64QAM	25	0	19.71	19.79	19.66		
5	256QAM	1	0	17.78	17.83	17.76	19	5
5	256QAM	1	12	17.68	17.83	17.76		
5	256QAM	1	24	17.64	17.75	17.70		
5	256QAM	12	0	17.78	17.83	17.77	19	5
5	256QAM	12	7	17.65	17.73	17.60		
5	256QAM	12	13	17.55	17.70	17.65		
5	256QAM	25	0	17.73	17.78	17.68		

Band 17 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.85	22.88	22.81	24	0
10	QPSK	1	25	22.81	22.87	22.75		
10	QPSK	1	49	22.71	22.80	22.67		
10	QPSK	25	0	21.89	21.96	21.86	23	1
10	QPSK	25	12	21.79	21.91	21.84		
10	QPSK	25	25	21.75	21.84	21.80		
10	QPSK	50	0	21.75	21.89	21.84		
10	16QAM	1	0	21.75	21.81	21.68	23	1
10	16QAM	1	25	21.65	21.76	21.67		
10	16QAM	1	49	21.59	21.69	21.65		
10	16QAM	25	0	20.89	20.92	20.86	22	2
10	16QAM	25	12	20.77	20.87	20.82		
10	16QAM	25	25	20.65	20.80	20.73		
10	16QAM	50	0	20.73	20.86	20.71		
10	64QAM	1	0	20.71	20.81	20.69	22	2
10	64QAM	1	25	20.71	20.76	20.66		
10	64QAM	1	49	20.59	20.69	20.57		
10	64QAM	25	0	19.79	19.90	19.79	21	3
10	64QAM	25	12	19.79	19.85	19.79		
10	64QAM	25	25	19.75	19.78	19.64		
10	64QAM	50	0	19.77	19.86	19.77		
10	256QAM	1	0	17.82	17.90	17.80	19	5
10	256QAM	1	25	17.76	17.85	17.80		
10	256QAM	1	49	17.73	17.78	17.71		
10	256QAM	25	0	17.78	17.84	17.80	19	5
10	256QAM	25	12	17.65	17.79	17.69		
10	256QAM	25	25	17.63	17.72	17.67		
10	256QAM	50	0	17.67	17.79	17.72		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.77	22.85	22.72	24	0
5	QPSK	1	12	22.74	22.72	22.68		
5	QPSK	1	24	22.65	22.74	22.61		
5	QPSK	12	0	21.76	21.81	21.72	23	1
5	QPSK	12	7	21.69	21.77	21.71		
5	QPSK	12	13	21.69	21.80	21.72		
5	QPSK	25	0	21.69	21.76	21.79		
5	16QAM	1	0	21.72	21.76	21.57	23	1
5	16QAM	1	12	21.60	21.67	21.56		
5	16QAM	1	24	21.54	21.54	21.53		
5	16QAM	12	0	20.82	20.85	20.74	22	2
5	16QAM	12	7	20.74	20.83	20.71		
5	16QAM	12	13	20.56	20.66	20.67		
5	16QAM	25	0	20.70	20.79	20.58		
5	64QAM	1	0	20.59	20.72	20.63	22	2
5	64QAM	1	12	20.59	20.62	20.57		
5	64QAM	1	24	20.54	20.61	20.50		
5	64QAM	12	0	19.67	19.79	19.72	21	3
5	64QAM	12	7	19.71	19.73	19.72		
5	64QAM	12	13	19.71	19.67	19.60		
5	64QAM	25	0	19.63	19.75	19.66		
5	256QAM	1	0	17.71	17.84	17.75	19	5
5	256QAM	1	12	17.66	17.79	17.73		
5	256QAM	1	24	17.65	17.73	17.60		
5	256QAM	12	0	17.69	17.74	17.71	19	5
5	256QAM	12	7	17.56	17.76	17.61		
5	256QAM	12	13	17.53	17.65	17.62		
5	256QAM	25	0	17.61	17.65	17.59		

Band 26 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.82	22.89	22.74	24	0
15	QPSK	1	37	22.79	22.84	22.70		
15	QPSK	1	74	22.68	22.77	22.71		
15	QPSK	36	0	21.68	21.81	21.67	23	1
15	QPSK	36	20	21.73	21.76	21.70		
15	QPSK	36	39	21.60	21.69	21.58		
15	QPSK	75	0	21.65	21.76	21.65		
15	16QAM	1	0	21.57	21.72	21.66	23	1
15	16QAM	1	37	21.63	21.67	21.53		
15	16QAM	1	74	21.48	21.60	21.55		
15	16QAM	36	0	20.67	20.79	20.66	22	2
15	16QAM	36	20	20.69	20.74	20.69		
15	16QAM	36	39	20.56	20.67	20.60		
15	16QAM	75	0	20.58	20.73	20.68		
15	64QAM	1	0	20.55	20.68	20.54	22	2
15	64QAM	1	37	20.49	20.63	20.51		
15	64QAM	1	74	20.51	20.56	20.49		
15	64QAM	36	0	19.71	19.76	19.69	21	3
15	64QAM	36	20	19.60	19.71	19.62		
15	64QAM	36	39	19.50	19.64	19.53		
15	64QAM	75	0	19.58	19.68	19.62		
15	256QAM	1	0	17.67	17.80	17.66	19	5
15	256QAM	1	37	17.66	17.75	17.71		
15	256QAM	1	74	17.64	17.68	17.62		
15	256QAM	36	0	17.62	17.73	17.67	19	5
15	256QAM	36	20	17.61	17.68	17.53		
15	256QAM	36	39	17.55	17.71	17.51		
15	256QAM	75	0	17.58	17.68	17.56		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.73	22.82	22.66	24	0
10	QPSK	1	25	22.70	22.82	22.56		
10	QPSK	1	49	22.54	22.63	22.65		
10	QPSK	25	0	21.57	21.77	21.54	23	1
10	QPSK	25	12	21.68	21.66	21.64		
10	QPSK	25	25	21.49	21.66	21.48		
10	QPSK	50	0	21.52	21.62	21.54		
10	16QAM	1	0	21.48	21.65	21.63	23	1
10	16QAM	1	25	21.50	21.63	21.46		
10	16QAM	1	49	21.35	21.48	21.42		
10	16QAM	25	0	20.55	20.68	20.63	22	2
10	16QAM	25	12	20.59	20.59	20.63		
10	16QAM	25	25	20.53	20.62	20.56		
10	16QAM	50	0	20.45	20.59	20.63		
10	64QAM	1	0	20.48	20.56	20.48	22	2
10	64QAM	1	25	20.40	20.53	20.44		
10	64QAM	1	49	20.37	20.43	20.37		
10	64QAM	25	0	19.64	19.62	19.56	21	3
10	64QAM	25	12	19.54	19.61	19.56		
10	64QAM	25	25	19.40	19.57	19.45		
10	64QAM	50	0	19.44	19.57	19.59		
10	256QAM	1	0	17.60	17.73	17.59	19	5
10	256QAM	1	25	17.63	17.71	17.57		
10	256QAM	1	49	17.57	17.60	17.55		
10	256QAM	25	0	17.54	17.64	17.57	19	5
10	256QAM	25	12	17.52	17.60	17.47		
10	256QAM	25	25	17.49	17.54	17.36		
10	256QAM	50	0	17.45	17.53	17.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.70	22.75	22.69	24	0
5	QPSK	1	12	22.73	22.71	22.61		
5	QPSK	1	24	22.64	22.73	22.57		
5	QPSK	12	0	21.55	21.72	21.56	23	1
5	QPSK	12	7	21.59	21.68	21.64		
5	QPSK	12	13	21.57	21.59	21.47		
5	QPSK	25	0	21.61	21.67	21.60		
5	16QAM	1	0	21.48	21.64	21.62	23	1
5	16QAM	1	12	21.60	21.53	21.48		
5	16QAM	1	24	21.40	21.52	21.48		
5	16QAM	12	0	20.56	20.70	20.53	22	2
5	16QAM	12	7	20.62	20.68	20.56		
5	16QAM	12	13	20.49	20.55	20.45		
5	16QAM	25	0	20.52	20.63	20.58		
5	64QAM	1	0	20.52	20.63	20.41	22	2
5	64QAM	1	12	20.36	20.59	20.36		
5	64QAM	1	24	20.40	20.44	20.46		
5	64QAM	12	0	19.66	19.67	19.64	21	3
5	64QAM	12	7	19.46	19.58	19.53		
5	64QAM	12	13	19.38	19.57	19.38		
5	64QAM	25	0	19.54	19.59	19.51		
5	256QAM	1	0	17.64	17.71	17.60	19	5
5	256QAM	1	12	17.53	17.71	17.66		
5	256QAM	1	24	17.59	17.63	17.47		
5	256QAM	12	0	17.50	17.70	17.53	19	5
5	256QAM	12	7	17.46	17.53	17.39		
5	256QAM	12	13	17.43	17.47	17.46		
5	256QAM	25	0	17.49	17.64	17.46		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.69	22.79	22.60	24	0
3	QPSK	1	8	22.70	22.74	22.67		
3	QPSK	1	14	22.57	22.72	22.56		
3	QPSK	8	0	21.63	21.69	21.56	23	1
3	QPSK	8	4	21.65	21.63	21.65		
3	QPSK	8	7	21.51	21.55	21.55		
3	QPSK	15	0	21.61	21.73	21.51		
3	16QAM	1	0	21.48	21.65	21.58	23	1
3	16QAM	1	8	21.50	21.63	21.41		
3	16QAM	1	14	21.38	21.46	21.50		
3	16QAM	8	0	20.54	20.72	20.55	22	2
3	16QAM	8	4	20.62	20.60	20.60		
3	16QAM	8	7	20.52	20.63	20.54		
3	16QAM	15	0	20.48	20.62	20.60		
3	64QAM	1	0	20.44	20.58	20.40	22	2
3	64QAM	1	8	20.46	20.53	20.42		
3	64QAM	1	14	20.42	20.49	20.43		
3	64QAM	8	0	19.68	19.66	19.60	21	3
3	64QAM	8	4	19.49	19.68	19.51		
3	64QAM	8	7	19.43	19.58	19.48		
3	64QAM	15	0	19.48	19.63	19.52		
3	256QAM	1	0	17.54	17.69	17.57	19	5
3	256QAM	1	8	17.61	17.61	17.58		
3	256QAM	1	14	17.56	17.58	17.50		
3	256QAM	8	0	17.56	17.58	17.62	19	5
3	256QAM	8	4	17.51	17.60	17.44		
3	256QAM	8	7	17.47	17.55	17.38		
3	256QAM	15	0	17.51	17.64	17.51		
Channel				26907	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.77	22.85	22.63	24	0
1.4	QPSK	1	3	22.66	22.80	22.57		
1.4	QPSK	1	5	22.64	22.71	22.66		
1.4	QPSK	3	0	22.74	22.82	22.71		
1.4	QPSK	3	1	22.74	22.76	22.64		
1.4	QPSK	3	3	22.56	22.63	22.56		
1.4	QPSK	6	0	21.65	21.67	21.59	23	1
1.4	16QAM	1	0	21.60	21.69	21.58	23	1
1.4	16QAM	1	3	21.49	21.63	21.51		
1.4	16QAM	1	5	21.54	21.67	21.56		
1.4	16QAM	3	0	21.51	21.58	21.61		
1.4	16QAM	3	1	21.48	21.62	21.38		
1.4	16QAM	3	3	21.38	21.46	21.49		
1.4	16QAM	6	0	20.63	20.66	20.56	22	2
1.4	64QAM	1	0	20.60	20.62	20.62	22	2
1.4	64QAM	1	3	20.42	20.54	20.48		
1.4	64QAM	1	5	20.50	20.60	20.59		
1.4	64QAM	3	0	20.51	20.53	20.43		
1.4	64QAM	3	1	20.38	20.53	20.37		
1.4	64QAM	3	3	20.40	20.46	20.38		
1.4	64QAM	6	0	19.62	19.73	19.57	21	3
1.4	256QAM	1	0	17.54	17.74	17.51	19	5
1.4	256QAM	1	3	17.55	17.71	17.65		
1.4	256QAM	1	5	17.50	17.64	17.54		
1.4	256QAM	3	0	17.53	17.69	17.60		
1.4	256QAM	3	1	17.49	17.57	17.42		
1.4	256QAM	3	3	17.41	17.56	17.36		
1.4	256QAM	6	0	17.45	17.53	17.48	19	5

Band 66 Ant 0

BW [MHz]	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	18.91	18.93	18.87	20.1	0
20	QPSK	1	49	18.82	18.87	18.80		
20	QPSK	1	99	18.74	18.79	18.74		
20	QPSK	50	0	18.76	18.90	18.78	20	0.1
20	QPSK	50	24	18.78	18.79	18.72		
20	QPSK	50	50	18.59	18.67	18.68		
20	QPSK	100	0	18.82	18.88	18.72		
20	16QAM	1	0	18.82	18.79	18.72	20	0.1
20	16QAM	1	49	18.80	18.71	18.65		
20	16QAM	1	99	18.63	18.70	18.57		
20	16QAM	50	0	18.38	18.44	18.38	19	1.1
20	16QAM	50	24	18.29	18.39	18.24		
20	16QAM	50	50	18.29	18.32	18.27		
20	16QAM	100	0	18.31	18.37	18.29		
20	64QAM	1	0	18.18	18.32	18.16	19	1.1
20	64QAM	1	49	18.21	18.25	18.14		
20	64QAM	1	99	18.04	18.18	18.09		
20	64QAM	50	0	17.34	17.41	17.35	18	2.1
20	64QAM	50	24	17.29	17.36	17.24		
20	64QAM	50	50	17.16	17.29	17.24		
20	64QAM	100	0	17.26	17.34	17.22		
20	256QAM	1	0	15.34	15.43	15.36	16	4.1
20	256QAM	1	49	15.27	15.38	15.33		
20	256QAM	1	99	15.20	15.31	15.19		
20	256QAM	50	0	15.28	15.37	15.29	16	4.1
20	256QAM	50	24	15.26	15.32	15.22		
20	256QAM	50	50	15.20	15.25	15.15		
20	256QAM	100	0	15.21	15.31	15.19		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.91	18.88	18.70	20.1	0
15	QPSK	1	37	18.75	18.77	18.77		
15	QPSK	1	74	18.60	18.74	18.64		
15	QPSK	36	0	18.59	18.78	18.61	20	0.1
15	QPSK	36	20	18.72	18.74	18.60		
15	QPSK	36	39	18.50	18.62	18.51		
15	QPSK	75	0	18.70	18.71	18.68		
15	16QAM	1	0	18.71	18.63	18.63	20	0.1
15	16QAM	1	37	18.72	18.63	18.59		
15	16QAM	1	74	18.46	18.55	18.53		
15	16QAM	36	0	18.28	18.36	18.33	19	1.1
15	16QAM	36	20	18.21	18.27	18.15		
15	16QAM	36	39	18.21	18.23	18.24		
15	16QAM	75	0	18.23	18.26	18.21		
15	64QAM	1	0	18.13	18.25	18.06	19	1.1
15	64QAM	1	37	18.08	18.12	18.10		
15	64QAM	1	74	17.91	18.08	17.98		
15	64QAM	36	0	17.21	17.38	17.26	18	2.1
15	64QAM	36	20	17.18	17.23	17.12		
15	64QAM	36	39	17.05	17.18	17.12		
15	64QAM	75	0	17.14	17.24	17.16		
15	256QAM	1	0	15.27	15.36	15.22	16	4.1
15	256QAM	1	37	15.12	15.34	15.21		
15	256QAM	1	74	15.07	15.27	15.11		
15	256QAM	36	0	15.20	15.27	15.25	16	4.1
15	256QAM	36	20	15.19	15.25	15.11		
15	256QAM	36	39	15.08	15.19	15.00		
15	256QAM	75	0	15.17	15.19	15.14		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.90	18.87	18.83	20.1	0
10	QPSK	1	25	18.79	18.73	18.64		
10	QPSK	1	49	18.70	18.64	18.65		
10	QPSK	25	0	18.68	18.86	18.62	20	0.1
10	QPSK	25	12	18.71	18.76	18.64		
10	QPSK	25	25	18.43	18.50	18.60		
10	QPSK	50	0	18.64	18.80	18.59		
10	16QAM	1	0	18.68	18.68	18.64	20	0.1
10	16QAM	1	25	18.68	18.66	18.55		
10	16QAM	1	49	18.52	18.58	18.48		
10	16QAM	25	0	18.33	18.29	18.27	19	1.1
10	16QAM	25	12	18.15	18.36	18.20		
10	16QAM	25	25	18.17	18.18	18.14		
10	16QAM	50	0	18.24	18.30	18.23		
10	64QAM	1	0	18.12	18.16	18.06	19	1.1
10	64QAM	1	25	18.17	18.15	18.02		
10	64QAM	1	49	18.01	18.04	18.03		
10	64QAM	25	0	17.20	17.29	17.25	18	2.1
10	64QAM	25	12	17.15	17.21	17.18		
10	64QAM	25	25	17.10	17.20	17.20		
10	64QAM	50	0	17.18	17.28	17.18		
10	256QAM	1	0	15.22	15.38	15.26	16	4.1
10	256QAM	1	25	15.19	15.28	15.29		
10	256QAM	1	49	15.13	15.22	15.09		
10	256QAM	25	0	15.18	15.25	15.15	16	4.1
10	256QAM	25	12	15.16	15.25	15.09		
10	256QAM	25	25	15.16	15.19	15.03		
10	256QAM	50	0	15.17	15.22	15.04		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.78	18.78	18.77	20.1	0
5	QPSK	1	12	18.73	18.82	18.62		
5	QPSK	1	24	18.61	18.70	18.61		
5	QPSK	12	0	18.65	18.87	18.75	20	0.1
5	QPSK	12	7	18.72	18.64	18.69		
5	QPSK	12	13	18.47	18.52	18.64		
5	QPSK	25	0	18.78	18.84	18.67		
5	16QAM	1	0	18.76	18.73	18.66	20	0.1
5	16QAM	1	12	18.78	18.62	18.53		
5	16QAM	1	24	18.53	18.54	18.54		
5	16QAM	12	0	18.25	18.32	18.31	19	1.1
5	16QAM	12	7	18.15	18.33	18.14		
5	16QAM	12	13	18.24	18.28	18.23		
5	16QAM	25	0	18.17	18.32	18.19		
5	64QAM	1	0	18.15	18.16	18.04	19	1.1
5	64QAM	1	12	18.17	18.18	18.09		
5	64QAM	1	24	17.90	18.09	18.00		
5	64QAM	12	0	17.26	17.27	17.28	18	2.1
5	64QAM	12	7	17.15	17.33	17.12		
5	64QAM	12	13	17

Band 38 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.63	20.70	20.57		
20	QPSK	1	49	20.60	20.65	20.53	22	0
20	QPSK	1	99	20.52	20.58	20.48		
20	QPSK	50	0	19.56	19.61	19.50		
20	QPSK	50	24	19.42	19.56	19.40	21	1
20	QPSK	50	50	19.38	19.49	19.34		
20	QPSK	100	0	19.44	19.57	19.51		
20	16QAM	1	0	19.42	19.52	19.39		
20	16QAM	1	49	19.33	19.47	19.42	21	1
20	16QAM	1	99	19.30	19.40	19.35		
20	16QAM	50	0	18.45	18.55	18.47		
20	16QAM	50	24	18.43	18.50	18.39	20	2
20	16QAM	50	50	18.35	18.43	18.39		
20	16QAM	100	0	18.46	18.49	18.45		
20	64QAM	1	0	18.33	18.45	18.35		
20	64QAM	1	49	18.31	18.40	18.32	20	2
20	64QAM	1	99	18.26	18.33	18.26		
20	64QAM	50	0	17.41	17.46	17.35		
20	64QAM	50	24	17.33	17.41	17.27	19	3
20	64QAM	50	50	17.30	17.34	17.19		
20	64QAM	100	0	17.32	17.43	17.38		
20	256QAM	1	0	15.45	15.51	15.40		
20	256QAM	1	49	15.35	15.46	15.31	17	5
20	256QAM	1	99	15.34	15.39	15.28		
20	256QAM	50	0	15.44	15.48	15.42		
20	256QAM	50	24	15.35	15.43	15.31	17	5
20	256QAM	50	50	15.30	15.36	15.25		
20	256QAM	100	0	15.38	15.44	15.29		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	20.50	20.62	20.50		
15	QPSK	1	37	20.55	20.58	20.40	22	0
15	QPSK	1	74	20.42	20.54	20.35		
15	QPSK	36	0	19.51	19.47	19.36		
15	QPSK	36	20	19.29	19.51	19.35	21	1
15	QPSK	36	39	19.33	19.35	19.21		
15	QPSK	75	0	19.33	19.49	19.39		
15	16QAM	1	0	19.31	19.47	19.34		
15	16QAM	1	37	19.30	19.35	19.37	21	1
15	16QAM	1	74	19.16	19.31	19.24		
15	16QAM	36	0	18.39	18.49	18.39		
15	16QAM	36	20	18.40	18.41	18.31	20	2
15	16QAM	36	39	18.31	18.35	18.26		
15	16QAM	75	0	18.37	18.44	18.39		
15	64QAM	1	0	18.26	18.37	18.26		
15	64QAM	1	37	18.25	18.29	18.20	20	2
15	64QAM	1	74	18.16	18.22	18.13		
15	64QAM	36	0	17.37	17.35	17.24		
15	64QAM	36	20	17.28	17.34	17.21	19	3
15	64QAM	36	39	17.15	17.24	17.13		
15	64QAM	75	0	17.22	17.37	17.29		
15	256QAM	1	0	15.38	15.38	15.32		
15	256QAM	1	37	15.22	15.40	15.21	17	5
15	256QAM	1	74	15.25	15.33	15.22		
15	256QAM	36	0	15.31	15.35	15.37		
15	256QAM	36	20	15.21	15.36	15.28	17	5
15	256QAM	36	39	15.20	15.24	15.16		
15	256QAM	75	0	15.27	15.36	15.19		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	20.50	20.59	20.52		
10	QPSK	1	25	20.51	20.55	20.42	22	0
10	QPSK	1	49	20.42	20.48	20.34		
10	QPSK	25	0	19.44	19.51	19.41		
10	QPSK	25	12	19.36	19.47	19.39	21	1
10	QPSK	25	25	19.27	19.38	19.30		
10	QPSK	50	0	19.36	19.48	19.48		
10	16QAM	1	0	19.30	19.44	19.30		
10	16QAM	1	25	19.29	19.35	19.36	21	1
10	16QAM	1	49	19.21	19.28	19.28		
10	16QAM	25	0	18.35	18.42	18.35		
10	16QAM	25	12	18.40	18.42	18.26	20	2
10	16QAM	25	25	18.29	18.31	18.32		
10	16QAM	50	0	18.37	18.37	18.32		
10	64QAM	1	0	18.29	18.31	18.21		
10	64QAM	1	25	18.18	18.32	18.27	20	2
10	64QAM	1	49	18.16	18.22	18.19		
10	64QAM	25	0	17.32	17.36	17.22		
10	64QAM	25	12	17.28	17.30	17.23	19	3
10	64QAM	25	25	17.21	17.22	17.15		
10	64QAM	50	0	17.29	17.31	17.25		
10	256QAM	1	0	15.31	15.37	15.30		
10	256QAM	1	25	15.21	15.33	15.27	17	5
10	256QAM	1	49	15.30	15.29	15.14		
10	256QAM	25	0	15.29	15.45	15.32		
10	256QAM	25	12	15.28	15.32	15.17	17	5
10	256QAM	25	25	15.27	15.31	15.14		
10	256QAM	50	0	15.25	15.40	15.22		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	20.54	20.57	20.43		
5	QPSK	1	12	20.48	20.55	20.46	22	0
5	QPSK	1	24	20.39	20.49	20.40		
5	QPSK	12	0	19.41	19.58	19.45		
5	QPSK	12	7	19.29	19.48	19.36	21	1
5	QPSK	12	13	19.24	19.41	19.27		
5	QPSK	25	0	19.32	19.49	19.42		
5	16QAM	1	0	19.34	19.48	19.25		
5	16QAM	1	12	19.28	19.35	19.29	21	1
5	16QAM	1	24	19.16	19.37	19.26		
5	16QAM	12	0	18.42	18.42	18.42		
5	16QAM	12	7	18.34	18.36	18.30	20	2
5	16QAM	12	13	18.27	18.35	18.27		
5	16QAM	25	0	18.34	18.38	18.40		
5	64QAM	1	0	18.23	18.34	18.22		
5	64QAM	1	12	18.26	18.27	18.27	20	2
5	64QAM	1	24	18.18	18.30	18.13		
5	64QAM	12	0	17.29	17.43	17.24		
5	64QAM	12	7	17.22	17.37	17.18	19	3
5	64QAM	12	13	17.26	17.23	17.07		
5	64QAM	25	0	17.25	17.36	17.25		
5	256QAM	1	0	15.32	15.48	15.36		
5	256QAM	1	12	15.26	15.36	15.26	17	5
5	256QAM	1	24	15.24	15.32	15.21		
5	256QAM	12	0	15.33	15.44	15.35		
5	256QAM	12	7	15.28	15.33	15.19	17	5
5	256QAM	12	13	15.21	15.27	15.20		
5	256QAM	25	0	15.27	15.38	15.16		

Band 41 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.58	20.65	20.77	20.71	20.63		
20	QPSK	1	49	20.54	20.63	20.72	20.68	20.58	22	0
20	QPSK	1	99	20.49	20.53	20.65	20.50	20.54		
20	QPSK	50	0	19.62	19.62	19.74	19.64	19.69		
20	QPSK	50	24	19.57	19.63	19.69	19.58	19.54	21	1
20	QPSK	50	50	19.51	19.50	19.62	19.47	19.52		
20	QPSK	100	0	19.53	19.59	19.66	19.57	19.59		
20	16QAM	1	0	19.45	19.46	19.58	19.48	19.48		
20	16QAM	1	49	19.35	19.40	19.53	19.44	19.41	21	1
20	16QAM	1	99	19.35	19.34	19.46	19.43	19.32		
20	16QAM	50	0	18.52	18.59	18.70	18.61	18.55		
20	16QAM	50	24	18.50	18.51	18.65	18.56	18.52	20	2
20	16QAM	50	50	18.46	18.49	18.58	18.47	18.53		
20	16QAM	100	0	18.49	18.57	18.64	18.51	18.57		
20	64QAM	1	0	18.46	18.55	18.61	18.48	18.56		
20	64QAM	1	49	18.38	18.42	18.58	18.50	18.45	20	2
20	64QAM	1	99	18.29	18.38	18.49	18.38	18.45		
20	64QAM	50	0	17.53	17.55	17.66	17.55	17.52		
20	64QAM	50	24	17.43	17.55	17.61	17.48	17.56	19	3
20	64QAM	50	50	17.38	17.39	17.54	17.47	17.43		
20	64QAM	100	0	17.50	17.47	17.60	17.48	17.54		
20	256QAM	1	0	15.60	15.67	15.77	15.73	15.70		
20	256QAM	1	49	15.59	15.59	15.72	15.68	15.65	17	5
20	256QAM	1	99	15.47	15.56	15.65	15.50	15.56		
20	256QAM	50	0	15.62	15.61	15.72	15.57	15.62		
20	256QAM	50	24	15.56	15.55	15.67	15.60	15.55	17	5
20	256QAM	50	50	15.45	15.49	15.60	15.48	15.56		
20	256QAM	100	0	15.47	15.50	15.64	15.50	15.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	20.48	20.54	20.73	20.61	20.50		
15	QPSK	1	37	20.43	20.50	20.59	20.60	20.55	22.00	0
15	QPSK	1	74	20.41	20.44	20.61	20.35	20.47		
15	QPSK	36	0	19.55	19.54	19.67	19.59	19.54		
15	QPSK	36	20	19.50	19.57	19.60	19.45	19.49	21	1
15	QPSK	36	39	19.42	19.38	19.56	19.36	19.47		
15	QPSK	75	0	19.42	19.56	19.62	19.43	19.46		
15	16QAM	1	0	19.34	19.43	19.44	19.35	19.34		
15	16QAM	1	37	19.32	19.29	19.45	19.34	19.28	21	1
15	16QAM	1	74	19.23	19.23	19.33	19.35	19.25		
15	16QAM	36	0	18.38	18.50	18.61	18.57	18.48		
15	16QAM	36	20	18.36	18.47	18.54	18.51	18.45	20	2
15	16QAM	36	39	18.34	18.38	18.46	18.39	18.47		
15	16QAM	75	0	18.38	18.48	18.51	18.41	18.47		
15	64QAM	1	0	18.39	18.48	18.58	18.38	18.50		
15	64QAM	1	37	18.30	18.39	18.50	18.44	18.36	20	2
15	64QAM	1	74	18.17	18.25	18.37	18.35	18.32		
15	64QAM	36	0	17.41	17.43	17.58	17.48	17.49		
15	64QAM	36	20	17.33	17.43	17.54	17.38	17.45	19	3
15	64QAM	36	39	17.24	17.27	17.40	17.40	17.36		
15	64QAM	75	0	17.39	17.37	17.45	17.42	17.39		
15	256QAM	1	0	15.52	15.62	15.70	15.64	15.64		
15	256QAM	1	37	15.45	15.48	15.63	15.56	15.55	17	5
15	256QAM	1	74	15.34	15.44	15.54	15.44	15.46		
15	256QAM	36	0	15.48	15.53	15.65	15.53	15.58		
15	256QAM	36	20	15.51	15.47	15.53	15.48	15.47	17	5
15	256QAM	36	39	15.38	15.41	15.50	15.40	15.47		
15	256QAM	75	0	15.36	15.46	15.57	15.44	15.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	20.51	20.58	20.71	20.56	20.54		
10	QPSK	1	25	20.45	20.49	20.57	20.63	20.54	22.00	0
10	QPSK	1	49	20.36	20.39	20.56	20.41	20.48		
10	QPSK	25	0	19.59	19.54	19.70	19.57	19.55		
10	QPSK	25	12	19.45	19.52	19.58	19.54	19.49	21	1
10	QPSK	25	25	19.36	19.42	19.59	19.40	19.38		
10	QPSK	50	0	19.40	19.53	19.57	19.42	19.49		
10	16QAM	1	0	19.40	19.32	19.53	19.36	19.43		
10	16QAM	1	25	19.24	19.34	19.47	19.34	19.34	21	1
10	16QAM	1	49	19.25	19.28	19.32	19.40	19.19		
10	16QAM	25	0	18.45	18.53	18.62	18.48	18.45		
10	16QAM	25	12	18.45	18.42	18.56	18.49	18.45	20	2
10	16QAM	25	25	18.32	18.42	18.52	18.36	18.43		
10	16QAM	50	0	18.40	18.44	18.50	18.39	18.48		
10	64QAM	1	0	18.42	18.42	18.52	18.40	18.43		
10	64QAM	1	25	18.30	18.28	18.48	18.45	18.31	20	2
10	64QAM	1	49	18.16	18.34	18.38	18.29	18.41		
10	64QAM	25	0	17.41	17.41	17.61	17.45	17.38		
10	64QAM	25	12	17.36	17.42	17.55	17.44	17.46	19	3
10	64QAM	25	25	17.28	17.27	17.46	17.37	17.38		
10	64QAM	50	0	17.35	17.40	17.46	17.43	17.39		
10	256QAM	1	0	15.51	15.62	15.64	15.66	15.57		
10	256QAM	1	25	15.49	15.52	15.61	15.54	15.53	17	5
10	256QAM	1	49	15.36	15.45	15.51	15.44	15.50		
10	256QAM	25	0	15.57	15.52	15.61	15.52	15.58		
10	256QAM	25	12	15.44	15.51	15.55	15.48	15.40	17	5
10	256QAM	25	25	15.36	15.41	15.52	15.36	15.44		
10	256QAM	50	0	15.42	15.45	15.52	15.39	15.43		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	20.49	20.55	20.66	20.62	20.59		
5	QPSK	1	12	20.45	20.49	20.63	20.56	20.50	22.00	0
5	QPSK	1	24	20.41	20.40	20.55	20.36	20.43		
5	QPSK	12	0	19.48	19.42	19.63	19.51	19.63		
5	QPSK	12	7	19.52	19.51	19.55	19.55	19.45	21	1
5	QPSK	12	13	19.36	19.39	19.55	19.34	19.48		
5	QPSK	25	0	19.49	19.52	19.56	19.52	19.45		
5	16QAM	1	0	19.37	19.35	19.44	19.38	19.39		
5	16QAM	1	12	19.28	19.26	19.45	19.34	19.27	21	1
5	16QAM	1	24	19.26	19.22	19.39	19.36	19.26		
5	16QAM	12	0	18.45	18.48	18.59	18.52	18.52		
5	16QAM	12	7	18.38	18.39	18.54	18.49	18.45	20	2
5	16QAM	12	13	18.35	18.39	18.47	18.39	18.44		
5	16QAM	25	0	18.42	18.47	18.58	18.39	18.46		
5	64QAM	1	0	18.36	18.41	18.56	18.44	18.47		
5	64QAM	1	12	18.29	18.31	18.50	18.46	18.35	20	2
5	64QAM	1	24	18.20	18.34	18.46	18.26	18.31		
5	64QAM	12	0	17.41	17.44	17.60	17.41	17.39		
5	64QAM	12	7	17.30	17.46	17.57	17.36	17.45	19	3
5	64QAM	12	13	17.31	17.25	17.40	17.39	17.39		
5	64QAM	25	0	17.39	17.42	17.55	17.38	17.46		
5	256QAM	1	0	15.54	15.63	15.63	15.67	15.59		
5	256QAM	1	12	15.44	15.54	15.69	15.63	15.59	17	5
5	256QAM	1	24	15.34	15.49	15.60	15.44	15.42		
5	256QAM	12	0	15.53	15.52	15.69	15.43	15.56		
5	256QAM	12	7	15.52	15.41	15.55	15.47	15.47	17	5
5	256QAM	12	13	15.35	15.39	15.53	15.40	15.43		
5	256QAM	25	0	15.33	15.40	15.49	15.37	15.45		

Band 41 HPUE Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.57	23.61	23.76	23.74	23.68		
20	QPSK	1	49	23.56	23.61	23.67	23.64	23.53	24.1	0
20	QPSK	1	99	23.47	23.47	23.70	23.47	23.50		
20	QPSK	50	0	22.65	22.59	22.74	22.63	22.67		
20	QPSK	50	24	22.57	22.62	22.70	22.61	22.49	24	0.1
20	QPSK	50	50	22.52	22.49	22.67	22.52	22.48		
20	QPSK	100	0	22.56	22.54	22.70	22.61	22.55		
20	16QAM	1	0	22.51	22.51	22.62	22.48	22.51		
20	16QAM	1	49	22.33	22.41	22.52	22.46	22.43	24	0.1
20	16QAM	1	99	22.37	22.30	22.45	22.42	22.27		
20	16QAM	50	0	21.53	21.64	21.75	21.60	21.50		
20	16QAM	50	24	21.52	21.50	21.68	21.58	21.50	23	1.1
20	16QAM	50	50	21.47	21.45	21.60	21.49	21.49		
20	16QAM	100	0	21.47	21.62	21.61	21.56	21.59		
20	64QAM	1	0	21.45	21.51	21.59	21.46	21.58		
20	64QAM	1	49	21.41	21.37	21.53	21.53	21.44	23	1.1
20	64QAM	1	99	21.32	21.42	21.48	21.42	21.41		
20	64QAM	50	0	20.58	20.55	20.62	20.54	20.52		
20	64QAM	50	24	20.42	20.49	20.60	20.46	20.51	22	2.1
20	64QAM	50	50	20.42	20.39	20.55	20.44	20.43		
20	64QAM	100	0	20.53	20.51	20.64	20.44	20.54		
20	256QAM	1	0	18.57	18.67	18.82	18.68	18.64		
20	256QAM	1	49	18.60	18.64	18.71	18.68	18.66	20	4.1
20	256QAM	1	99	18.42	18.55	18.64	18.52	18.53		
20	256QAM	50	0	18.58	18.59	18.73	18.52	18.61		
20	256QAM	50	24	18.56	18.53	18.64	18.55	18.50	20	4.1
20	256QAM	50	50	18.42	18.54	18.56	18.49	18.59		
20	256QAM	100	0	18.48	18.52	18.62	18.46	18.61		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	23.52	23.54	23.63	23.61	23.58		
15	QPSK	1	37	23.41	23.46	23.52	23.51	23.39	24.10	0
15	QPSK	1	74	23.37	23.38	23.63	23.34	23.39		
15	QPSK	36	0	22.60	22.47	22.60	22.53	22.59		
15	QPSK	36	20	22.50	22.53	22.59	22.49	22.43	24	0.1
15	QPSK	36	39	22.46	22.44	22.62	22.42	22.38		
15	QPSK	75	0	22.43	22.50	22.57	22.52	22.45		
15	16QAM	1	0	22.36	22.41	22.52	22.38	22.35		
15	16QAM	1	37	22.20	22.36	22.40	22.33	22.35	24	0.1
15	16QAM	1	74	22.26	22.19	22.38	22.32	22.17		
15	16QAM	36	0	21.46	21.51	21.61	21.45	21.43		
15	16QAM	36	20	21.45	21.34	21.55	21.46	21.40	23	1.1
15	16QAM	36	39	21.34	21.33	21.47	21.37	21.39		
15	16QAM	75	0	21.35	21.47	21.48	21.47	21.45		
15	64QAM	1	0	21.34	21.36	21.46	21.36	21.54		
15	64QAM	1	37	21.32	21.33	21.38	21.47	21.40	23	1.1
15	64QAM	1	74	21.23	21.33	21.34	21.29	21.27		
15	64QAM	36	0	20.52	20.46	20.51	20.39	20.42		
15	64QAM	36	20	20.37	20.34	20.50	20.32	20.38	22	2.1
15	64QAM	36	39	20.36	20.34	20.46	20.30	20.38		
15	64QAM	75	0	20.37	20.39	20.55	20.32	20.43		
15	256QAM	1	0	18.45	18.61	18.76	18.60	18.50		
15	256QAM	1	37	18.54	18.49	18.56	18.60	18.57	20	4.1
15	256QAM	1	74	18.28	18.47	18.56	18.45	18.44		
15	256QAM	36	0	18.42	18.46	18.66	18.48	18.56		
15	256QAM	36	20	18.49	18.46	18.58	18.44	18.45	20	4.1
15	256QAM	36	39	18.26	18.48	18.50	18.38	18.45		
15	256QAM	75	0	18.34	18.48	18.55	18.38	18.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.51	23.51	23.70	23.69	23.54		
10	QPSK	1	25	23.42	23.55	23.57	23.48	23.39	24.10	0
10	QPSK	1	49	23.32	23.37	23.62	23.40	23.37		
10	QPSK	25	0	22.52	22.52	22.64	22.55	22.54		
10	QPSK	25	12	22.51	22.58	22.56	22.47	22.41	24	0.1
10	QPSK	25	25	22.44	22.40	22.58	22.47	22.41		
10	QPSK	50	0	22.46	22.41	22.64	22.55	22.47		
10	16QAM	1	0	22.38	22.47	22.55	22.43	22.44		
10	16QAM	1	25	22.21	22.30	22.42	22.36	22.36	24	0.1
10	16QAM	1	49	22.24	22.19	22.30	22.29	22.12		
10	16QAM	25	0	21.43	21.57	21.59	21.54	21.45		
10	16QAM	25	12	21.36	21.44	21.54	21.48	21.43	23	1.1
10	16QAM	25	25	21.36	21.33	21.44	21.34	21.34		
10	16QAM	50	0	21.36	21.56	21.46	21.43	21.54		
10	64QAM	1	0	21.30	21.45	21.49	21.38	21.54		
10	64QAM	1	25	21.28	21.24	21.48	21.49	21.40	23	1.1
10	64QAM	1	49	21.17	21.30	21.38	21.37	21.34

Band 42 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.62	20.74	20.67	22	0
20	QPSK	1	49	20.60	20.72	20.64		
20	QPSK	1	99	20.56	20.65	20.52		
20	QPSK	50	0	19.70	19.74	19.70	21	1
20	QPSK	50	24	19.61	19.69	19.60		
20	QPSK	50	50	19.55	19.62	19.53		
20	QPSK	100	0	19.59	19.66	19.53		
20	16QAM	1	0	19.53	19.58	19.47	21	1
20	16QAM	1	49	19.40	19.53	19.42		
20	16QAM	1	99	19.38	19.46	19.37		
20	16QAM	50	0	18.59	18.70	18.61	20	2
20	16QAM	50	24	18.55	18.65	18.53		
20	16QAM	50	50	18.54	18.58	18.55		
20	16QAM	100	0	18.55	18.64	18.54		
20	64QAM	1	0	18.52	18.61	18.51	20	2
20	64QAM	1	49	18.50	18.56	18.49		
20	64QAM	1	99	18.43	18.49	18.43		
20	64QAM	50	0	17.55	17.66	17.54	19	3
20	64QAM	50	24	17.48	17.61	17.48		
20	64QAM	50	50	17.39	17.54	17.45		
20	64QAM	100	0	17.50	17.60	17.55		
20	256QAM	1	0	15.69	15.77	15.68	17	5
20	256QAM	1	49	15.61	15.72	15.68		
20	256QAM	1	99	15.57	15.65	15.57		
20	256QAM	50	0	15.69	15.72	15.57	17	5
20	256QAM	50	24	15.56	15.67	15.59		
20	256QAM	50	50	15.53	15.60	15.47		
20	256QAM	100	0	15.60	15.64	15.58		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.56	20.61	20.54	22	0
15	QPSK	1	37	20.50	20.58	20.55		
15	QPSK	1	74	20.43	20.58	20.47		
15	QPSK	36	0	19.60	19.68	19.65	21	1
15	QPSK	36	20	19.52	19.54	19.54		
15	QPSK	36	39	19.41	19.54	19.46		
15	QPSK	75	0	19.44	19.58	19.44		
15	16QAM	1	0	19.40	19.44	19.33	21	1
15	16QAM	1	37	19.37	19.42	19.29		
15	16QAM	1	74	19.25	19.42	19.28		
15	16QAM	36	0	18.48	18.57	18.46	20	2
15	16QAM	36	20	18.46	18.52	18.38		
15	16QAM	36	39	18.44	18.51	18.46		
15	16QAM	75	0	18.48	18.53	18.43		
15	64QAM	1	0	18.47	18.57	18.44	20	2
15	64QAM	1	37	18.37	18.49	18.38		
15	64QAM	1	74	18.30	18.40	18.35		
15	64QAM	36	0	17.52	17.59	17.47	19	3
15	64QAM	36	20	17.41	17.54	17.41		
15	64QAM	36	39	17.24	17.42	17.35		
15	64QAM	75	0	17.39	17.46	17.47		
15	256QAM	1	0	15.66	15.64	15.61	17	5
15	256QAM	1	37	15.56	15.57	15.60		
15	256QAM	1	74	15.53	15.54	15.49		
15	256QAM	36	0	15.63	15.60	15.45	17	5
15	256QAM	36	20	15.46	15.64	15.49		
15	256QAM	36	39	15.45	15.56	15.38		
15	256QAM	75	0	15.46	15.51	15.54		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.54	20.69	20.56	22	0
10	QPSK	1	25	20.52	20.58	20.50		
10	QPSK	1	49	20.53	20.51	20.38		
10	QPSK	25	0	19.59	19.67	19.55	21	1
10	QPSK	25	12	19.52	19.64	19.56		
10	QPSK	25	25	19.50	19.53	19.40		
10	QPSK	50	0	19.50	19.55	19.48		
10	16QAM	1	0	19.38	19.50	19.43	21	1
10	16QAM	1	25	19.33	19.48	19.29		
10	16QAM	1	49	19.25	19.34	19.32		
10	16QAM	25	0	18.52	18.58	18.52	20	2
10	16QAM	25	12	18.51	18.60	18.44		
10	16QAM	25	25	18.41	18.54	18.40		
10	16QAM	50	0	18.40	18.52	18.40		
10	64QAM	1	0	18.49	18.52	18.40	20	2
10	64QAM	1	25	18.42	18.47	18.37		
10	64QAM	1	49	18.39	18.42	18.36		
10	64QAM	25	0	17.44	17.56	17.40	19	3
10	64QAM	25	12	17.37	17.51	17.43		
10	64QAM	25	25	17.31	17.41	17.35		
10	64QAM	50	0	17.43	17.57	17.41		
10	256QAM	1	0	15.59	15.71	15.60	17	5
10	256QAM	1	25	15.56	15.67	15.58		
10	256QAM	1	49	15.44	15.60	15.44		
10	256QAM	25	0	15.58	15.68	15.54	17	5
10	256QAM	25	12	15.47	15.63	15.48		
10	256QAM	25	25	15.40	15.46	15.39		
10	256QAM	50	0	15.54	15.53	15.43		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.50	20.65	20.62	22	0
5	QPSK	1	12	20.48	20.59	20.54		
5	QPSK	1	24	20.52	20.54	20.43		
5	QPSK	12	0	19.58	19.68	19.64	21	1
5	QPSK	12	7	19.47	19.61	19.47		
5	QPSK	12	13	19.42	19.54	19.39		
5	QPSK	25	0	19.54	19.56	19.45		
5	16QAM	1	0	19.46	19.44	19.37	21	1
5	16QAM	1	12	19.26	19.40	19.38		
5	16QAM	1	24	19.29	19.35	19.23		
5	16QAM	12	0	18.45	18.65	18.57	20	2
5	16QAM	12	7	18.49	18.58	18.49		
5	16QAM	12	13	18.42	18.53	18.50		
5	16QAM	25	0	18.50	18.57	18.50		
5	64QAM	1	0	18.40	18.46	18.38	20	2
5	64QAM	1	12	18.43	18.44	18.39		
5	64QAM	1	24	18.29	18.37	18.32		
5	64QAM	12	0	17.43	17.58	17.45	19	3
5	64QAM	12	7	17.40	17.57	17.44		
5	64QAM	12	13	17.35	17.50	17.34		
5	64QAM	25	0	17.46	17.46	17.44		
5	256QAM	1	0	15.62	15.67	15.59	17	5
5	256QAM	1	12	15.52	15.64	15.53		
5	256QAM	1	24	15.44	15.55	15.50		
5	256QAM	12	0	15.59	15.61	15.53	17	5
5	256QAM	12	7	15.51	15.57	15.48		
5	256QAM	12	13	15.50	15.51	15.43		
5	256QAM	25	0	15.57	15.55	15.51		

Band 42 Part 96 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3680	3575	3590		
20	QPSK	1	0	20.44	20.61	20.51	22	0
20	QPSK	1	49	20.50	20.58	20.54		
20	QPSK	1	99	20.38	20.52	20.41		
20	QPSK	50	0	19.52	19.68	19.53	21	1
20	QPSK	50	24	19.44	19.60	19.57		
20	QPSK	50	50	19.40	19.47	19.41		
20	QPSK	100	0	19.52	19.54	19.44		
20	16QAM	1	0	19.39	19.43	19.37	21	1
20	16QAM	1	49	19.26	19.40	19.37		
20	16QAM	1	99	19.33	19.32	19.23		
20	16QAM	50	0	18.57	18.54	18.57	20	2
20	16QAM	50	24	18.47	18.52	18.48		
20	16QAM	50	50	18.38	18.41	18.48		
20	16QAM	100	0	18.42	18.53	18.40		
20	64QAM	1	0	18.42	18.51	18.34	20	2
20	64QAM	1	49	18.36	18.52	18.36		
20	64QAM	1	99	18.26	18.31	18.32		
20	64QAM	50	0	17.41	17.60	17.50	19	3
20	64QAM	50	24	17.32	17.58	17.41		
20	64QAM	50	50	17.29	17.52	17.39		
20	64QAM	100	0	17.43	17.55	17.43		
20	256QAM	1	0	15.66	15.64	15.63	17	5
20	256QAM	1	49	15.55	15.54	15.52		
20	256QAM	1	99	15.49	15.62	15.42		
20	256QAM	50	0	15.60	15.62	15.52	17	5
20	256QAM	50	24	15.49	15.59	15.50		
20	256QAM	50	50	15.45	15.43	15.43		
20	256QAM	100	0	15.48	15.49	15.51		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3575	3692.5		
15	QPSK	1	0	20.40	20.57	20.38	22	0
15	QPSK	1	37	20.35	20.53	20.40		
15	QPSK	1	74	20.36	20.43	20.37		
15	QPSK	36	0	19.45	19.56	19.46	21	1
15	QPSK	36	20	19.29	19.55	19.45		
15	QPSK	36	39	19.29	19.44	19.39		
15	QPSK	75	0	19.49	19.46	19.37		
15	16QAM	1	0	19.32	19.31	19.33	21	1
15	16QAM	1	37	19.20	19.27	19.35		
15	16QAM	1	74	19.22	19.23	19.15		
15	16QAM	36	0	18.46	18.45	18.52	20	2
15	16QAM	36	20	18.42	18.38	18.45		
15	16QAM	36	39	18.29	18.31	18.35		
15	16QAM	75	0	18.28	18.39	18.27		
15	64QAM	1	0	18.33	18.39	18.28	20	2
15	64QAM	1	37	18.32	18.48	18.24		
15	64QAM	1	74	18.18	18.23	18.24		
15	64QAM	36	0	17.37	17.46	17.36	19	3
15	64QAM	36	20	17.15	17.57	17.30		
15	64QAM	36	39	17.22	17.37	17.26		
15	64QAM	75	0	17.35	17.51	17.39		
15	256QAM	1	0	15.52	15.51	15.58	17	5
15	256QAM	1	37	15.38	15.50	15.41		
15	256QAM	1	74	15.34	15.49	15.37		
15	256QAM	36	0	15.43	15.51	15.50	17	5
15	256QAM	36	20	15.40	15.57	15.47		
15	256QAM	36	39	15.30	15.32	15.37		
15	256QAM	75	0	15.46	15.32	15.46		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3575	3695		
10	QPSK	1	0	20.30	20.59	20.46	22	0
10	QPSK	1	25	20.46	20.52	20.39		
10	QPSK	1	49	20.28	20.35	20.34		
10	QPSK	25	0	19.37	19.56	19.51	21	1
10	QPSK	25	12	19.41	19.46	19.55		
10	QPSK	25	25	19.39	19.34	19.32		
10	QPSK	50	0	19.42	19.48	19.35		
10	16QAM	1	0	19.28	19.31	19.26	21	1
10	16QAM	1	25	19.11	19.26	19.28		
10	16QAM	1	49	19.20	19.17	19.18		
10	16QAM	25	0	18.44	18.46	18.49	20	2
10	16QAM	25	12	18.39	18.36	18.36		
10	16QAM	25	25	18.30	18.24	18.36		
10	16QAM	50	0	18.26	18.37	18.31		
10	64QAM	1	0	18.33	18.42	18.20	20	2
10	64QAM	1	25	18.28	18.45	18.21		
10	64QAM	1	49	18.12	18.29	18.16		
10	64QAM	25	0	17.27	17.48	17.35	19	3
10	64QAM	25	12	17.23	17.43	17.30		
10	64QAM	25	25	17.24	17.44	17.24		
10	64QAM	50	0	17.28	17.45	17.30		
10	256QAM	1	0	15.65	15.51	15.50	17	5
10	256QAM	1	25	15.46	15.46	15.47		
10	256QAM	1	49	15.45	15.58	15.28		
10	256QAM	25	0	15.56	15.49	15.41	17	5
10	256QAM	25	12	15.33	15.46	15.43		
10	256QAM	25	25	15.41	15.38	15.32		
10	256QAM	50	0	15.37	15.45	15.44		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3575	3697.5		
5	QPSK	1	0	20.42	20.59	20.41	22	0
5	QPSK	1	12	20.37	20.56	20.38		
5	QPSK	1	24	20.29	20.50	20.27		
5	QPSK	12	0	19.46	19.55	19.50	21	1
5	QPSK	12	7	19.37	19.45	19.47		
5	QPSK	12	13	19.32	19.40	19.34		
5	QPSK	25	0	19.42	19.48	19.35		
5	16QAM	1	0	19.28	19.27	19.24	21	1
5	16QAM	1	12	19.16	19.24	19.35		
5	16QAM	1	24	19.26	19.28	19.07		
5	16QAM	12	0	18.46	18.37	18.48	20	2
5	16QAM	12	7	18.36	18.35	18.43		
5	16QAM	12	13	18.34	18.37	18.43		
5	16QAM	25	0	18.32	18.51	18.29	20	2
5	64QAM	1	0	18.36	18.42	18.31		
5	64QAM	1	12	18.29	18.36	18.25		
5	64QAM	1	24	18.12	18.18	18.15		
5	64QAM	12	0	17.31	17.48	17.47	19	3
5	64QAM	12	7	17.23	17.47	17.28		
5	64QAM	12	13	17.26	17.39	17.35		
5	64QAM	25	0	17.38	17.51	17.37		
5	256QAM	1	0	15.64	15.54	15.59	17	5
5	256QAM	1	12	15.47	15.41	15.45		
5	256QAM	1	24	15.36	15.53	15.39		
5	256QAM	12	0	15.48	15.49	15.41	17	5
5	256QAM	12	7	15.37	15.53	15.35		
5	256QAM	12	13	15.33	15.29	15.41		
5	256QAM	25	0	15.35	15.38	15.47		

Band 43 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3810	3850	3890		
20	QPSK	1	0	20.63	20.67	20.55	22	0
20	QPSK	1	49	20.58	20.62	20.52		
20	QPSK	1	99	20.40	20.55	20.44		
20	QPSK	50	0	19.49	19.59	19.47	21	1
20	QPSK	50	24	19.41	19.54	19.49		
20	QPSK	50	50	19.38	19.47	19.41		
20	QPSK	100	0	19.49	19.53	19.45		
20	16QAM	1	0	19.34	19.47	19.41	21	1
20	16QAM	1	49	19.29	19.42	19.33		
20	16QAM	1	99	19.28	19.35	19.24		
20	16QAM	50	0	18.47	18.51	18.37	20	2
20	16QAM	50	24	18.37	18.46	18.40		
20	16QAM	50	50	18.25	18.39	18.24		
20	16QAM	100	0	18.31	18.46	18.38		
20	64QAM	1	0	18.38	18.43	18.36	20	2
20	64QAM	1	49	18.29	18.38	18.34		
20	64QAM	1	99	18.18	18.31	18.23		
20	64QAM	50	0	17.32	17.44	17.36	19	3
20	64QAM	50	24	17.25	17.39	17.28		
20	64QAM	50	50	17.18	17.32	17.25		
20	64QAM	100	0	17.34	17.41	17.29		
20	256QAM	1	0	15.40	15.52	15.44	17	5
20	256QAM	1	49	15.34	15.47	15.40		
20	256QAM	1	99	15.37	15.40	15.32		
20	256QAM	50	0	15.37	15.45	15.33	17	5
20	256QAM	50	24	15.26	15.40	15.32		
20	256QAM	50	50	15.25	15.33	15.29		
20	256QAM	100	0	15.33	15.38	15.27		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3807.5	3850	3892.5		
15	QPSK	1	0	20.57	20.64	20.40	22	0
15	QPSK	1	37	20.45	20.51	20.47		
15	QPSK	1	74	20.30	20.50	20.34		
15	QPSK	36	0	19.35	19.55	19.34	21	1
15	QPSK	36	20	19.28	19.41	19.38		
15	QPSK	36	39	19.32	19.41	19.27		
15	QPSK	75	0	19.37	19.39	19.39		
15	16QAM	1	0	19.27	19.42	19.37	21	1
15	16QAM	1	37	19.17	19.36	19.20		
15	16QAM	1	74	19.14	19.29	19.19		
15	16QAM	36	0	18.37	18.38	18.30	20	2
15	16QAM	36	20	18.28	18.40	18.31		
15	16QAM	36	39	18.19	18.27	18.15		
15	16QAM	75	0	18.28	18.32	18.31		
15	64QAM	1	0	18.33	18.33	18.23	20	2
15	64QAM	1	37	18.21	18.32	18.21		
15	64QAM	1	74	18.11	18.28	18.17		
15	64QAM	36	0	17.28	17.35	17.33	19	3
15	64QAM	36	20	17.18	17.26	17.18		
15	64QAM	36	39	17.10	17.18	17.16		
15	64QAM	75	0	17.27	17.28	17.24		
15	256QAM	1	0	15.26	15.44	15.31	17	5
15	256QAM	1	37	15.30	15.39	15.32		
15	256QAM	1	74	15.33	15.29	15.20		
15	256QAM	36	0	15.26	15.37	15.22	17	5
15	256QAM	36	20	15.20	15.33	15.24		
15	256QAM	36	39	15.18	15.19	15.17		
15	256QAM	75	0	15.22	15.31	15.14		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3805	3850	3895		
10	QPSK	1	0	20.49	20.56	20.52	22	0
10	QPSK	1	25	20.45	20.55	20.45		
10	QPSK	1	49	20.25	20.46	20.33		
10	QPSK	25	0	19.42	19.50	19.43	21	1
10	QPSK	25	12	19.27	19.43	19.37		
10	QPSK	25	25	19.26	19.43	19.37		
10	QPSK	50	0	19.40	19.48	19.34		
10	16QAM	1	0	19.25	19.37	19.36	21	1
10	16QAM	1	25	19.20	19.28	19.26		
10	16QAM	1	49	19.20	19.20	19.16		
10	16QAM	25	0	18.35	18.47	18.23	20	2
10	16QAM	25	12	18.31	18.38	18.35		
10	16QAM	25	25	18.14	18.32	18.13		
10	16QAM	50	0	18.26	18.39	18.29		
10	64QAM	1	0	18.25	18.39	18.28	20	2
10	64QAM	1	25	18.22	18.28	18.24		
10	64QAM	1	49	18.08	18.23	18.11		
10	64QAM	25	0	17.20	17.35	17.25	19	3
10	64QAM	25	12	17.19	17.31	17.25		
10	64QAM	25	25	17.12	17.19	17.22		
10	64QAM	50	0	17.27	17.37	17.22		
10	256QAM	1	0	15.30	15.41	15.38	17	5
10	256QAM	1	25	15.24	15.38	15.27		
10	256QAM	1	49	15.30	15.25	15.23		
10	256QAM	25	0	15.31	15.31	15.29	17	5
10	256QAM	25	12	15.12	15.29	15.22		
10	256QAM	25	25	15.10	15.22	15.25		
10	256QAM	50	0	15.23	15.31	15.17		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3802.5	3850	3897.5		
5	QPSK	1	0	20.55	20.58	20.51	22	0
5	QPSK	1	12	20.51	20.57	20.44		
5	QPSK	1	24	20.35	20.51	20.36		
5	QPSK	12	0	19.35	19.45	19.32	21	1
5	QPSK	12	7	19.34	19.40	19.40		
5	QPSK	12	13	19.25	19.41	19.32		
5	QPSK	25	0	19.41	19.44	19.36		
5	16QAM	1	0	19.28	19.41	19.29	21	1
5	16QAM	1	12	19.21	19.36	19.29		
5	16QAM	1	24	19.25	19.23	19.20		
5	16QAM	12	0	18.41	18.37	18.24	20	2
5	16QAM	12	7	18.23	18.41	18.30		
5	16QAM	12	13	18.16	18.28	18.13		
5	16QAM	25	0	18.20	18.32	18.29		
5	64QAM	1	0	18.32	18.32	18.28	20	2
5	64QAM	1	12	18.18	18.28	18.29		
5	64QAM	1	24	18.12	18.25	18.09		
5	64QAM	12	0	17.20	17.33	17.23	19	3
5	64QAM	12	7	17.15	17.28	17.14		
5	64QAM	12	13	17.05	17.21	17.15		
5	64QAM	25	0	17.24	17.26	17.20		
5	256QAM	1	0	15.34	15.48	15.36	17	5
5	256QAM	1	12	15.29	15.34	15.26		
5	256QAM	1	24	15.25	15.36	15.22		
5	256QAM	12	0	15.26	15.35	15.22	17	5
5	256QAM	12	7	15.22	15.25	15.24		
5	256QAM	12	13	15.12	15.23	15.19		
5	256QAM	25	0	15.27	15.24	15.24		

Band 48 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.77	20.84	20.71	20.67	22	0
20	QPSK	1	49	20.71	20.79	20.67	20.62		
20	QPSK	1	99	20.69	20.72	20.59	20.58		
20	QPSK	50	0	20.51	20.64	20.54	20.56	21	1
20	QPSK	50	24	20.55	20.59	20.49	20.55		
20	QPSK	50	50	20.43	20.52	20.42	20.39		
20	QPSK	100	0	20.56	20.61	20.54	20.52		
20	16QAM	1	0	20.49	20.59	20.53	20.45	21	1
20	16QAM	1	49	20.49	20.54	20.47	20.43		
20	16QAM	1	99	20.43	20.47	20.35	20.41		
20	16QAM	50	0	19.51	19.63	19.60	19.54	20	2
20	16QAM	50	24	19.54	19.58	19.52	19.44		
20	16QAM	50	50	19.46	19.51	19.41	19.48		
20	16QAM	100	0	19.46	19.58	19.51	19.55		
20	64QAM	1	0	19.49	19.60	19.54	19.45	20	2
20	64QAM	1	49	19.45	19.55	19.41	19.43		
20	64QAM	1	99	19.36	19.48	19.41	19.40		
20	64QAM	50	0	18.70	18.73	18.67	18.69	19	3
20	64QAM	50	24	18.54	18.68	18.64	18.58		
20	64QAM	50	50	18.51	18.61	18.56	18.52		
20	64QAM	100	0	18.61	18.69	18.56	18.56		
20	256QAM	1	0	16.69	16.74	16.61	16.66	17	5
20	256QAM	1	49	16.66	16.69	16.61	16.65		
20	256QAM	1	99	16.52	16.62	16.48	16.53		
20	256QAM	50	0	16.60	16.66	16.57	16.63	17	5
20	256QAM	50	24	16.52	16.61	16.54	16.55		
20	256QAM	50	50	16.39	16.54	16.41	16.44		
20	256QAM	100	0	16.57	16.61	16.50	16.55		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.71	20.77	20.62	20.59	22	0
15	QPSK	1	37	20.60	20.69	20.60	20.51		
15	QPSK	1	74	20.60	20.62	20.55	20.49		
15	QPSK	36	0	20.48	20.50	20.48	20.47	21	1
15	QPSK	36	20	20.44	20.49	20.45	20.40		
15	QPSK	36	39	20.33	20.40	20.33	20.32		
15	QPSK	75	0	20.42	20.55	20.43	20.46		
15	16QAM	1	0	20.44	20.55	20.44	20.32	21	1
15	16QAM	1	37	20.40	20.50	20.35	20.36		
15	16QAM	1	74	20.34	20.39	20.21	20.28		
15	16QAM	36	0	19.46	19.51	19.45	19.46	20	2
15	16QAM	36	20	19.48	19.51	19.47	19.30		
15	16QAM	36	39	19.39	19.40	19.26	19.41		
15	16QAM	75	0	19.36	19.51	19.36	19.48		
15	64QAM	1	0	19.36	19.53	19.49	19.33	20	2
15	64QAM	1	37	19.41	19.45	19.33	19.36		
15	64QAM	1	74	19.26	19.41	19.29	19.30		
15	64QAM	36	0	18.55	18.67	18.56	18.59	19	3
15	64QAM	36	20	18.47	18.61	18.61	18.51		
15	64QAM	36	39	18.36	18.58	18.49	18.38		
15	64QAM	75	0	18.54	18.54	18.47	18.44		
15	256QAM	1	0	16.61	16.62	16.57	16.56	17	5
15	256QAM	1	37	16.60	16.65	16.47	16.56		
15	256QAM	1	74	16.42	16.48	16.37	16.44		
15	256QAM	36	0	16.52	16.62	16.54	16.58	17	5
15	256QAM	36	20	16.38	16.50	16.49	16.47		
15	256QAM	36	39	16.36	16.48	16.34	16.35		
15	256QAM	75	0	16.50	16.47	16.43	16.50		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.72	20.73	20.64	20.61	22	0
10	QPSK	1	25	20.65	20.66	20.59	20.52		
10	QPSK	1	49	20.59	20.60	20.54	20.52		
10	QPSK	25	0	20.38	20.61	20.47	20.44	21	1
10	QPSK	25	12	20.44	20.56	20.45	20.51		
10	QPSK	25	25	20.37	20.37	20.38	20.29		
10	QPSK	50	0	20.53	20.48	20.50	20.40		
10	16QAM	1	0	20.44	20.51	20.39	20.37	21	1
10	16QAM	1	25	20.40	20.46	20.35	20.33		
10	16QAM	1	49	20.31	20.38	20.29	20.28		
10	16QAM	25	0	19.38	19.50	19.51	19.42	20	2
10	16QAM	25	12	19.41	19.45	19.37	19.37		
10	16QAM	25	25	19.42	19.38	19.28	19.38		
10	16QAM	50	0	19.40	19.47	19.43	19.47		
10	64QAM	1	0	19.42	19.46	19.44	19.38	20	2
10	64QAM	1	25	19.35	19.44	19.35	19.36		
10	64QAM	1	49	19.27	19.33	19.27	19.31		
10	64QAM	25	0	18.64	18.60	18.61	18.62	19	3
10	64QAM	25	12	18.49	18.64	18.54	18.51		
10	64QAM	25	25	18.37	18.48	18.49	18.44		
10	64QAM	50	0	18.47	18.58	18.48	18.50		
10	256QAM	1	0	16.65	16.61	16.58	16.55	17	5
10	256QAM	1	25	16.63	16.58	16.51	16.51		
10	256QAM	1	49	16.40	16.50	16.45	16.41		
10	256QAM	25	0	16.49	16.58	16.42	16.49	17	5
10	256QAM	25	12	16.45	16.51	16.46	16.44		
10	256QAM	25	25	16.36	16.43	16.30	16.31		
10	256QAM	50	0	16.51	16.54	16.43	16.45		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.73	20.81	20.57	20.61	22	0
5	QPSK	1	12	20.62	20.64	20.57	20.51		
5	QPSK	1	24	20.60	20.61	20.50	20.51		
5	QPSK	12	0	20.42	20.53	20.48	20.47	21	1
5	QPSK	12	7	20.47	20.52	20.42	20.48		
5	QPSK	12	13	20.31	20.40	20.35	20.34		
5	QPSK	25	0	20.44	20.57	20.44	20.43		
5	16QAM	1	0	20.36	20.46	20.39	20.34	21	1
5	16QAM	1	12	20.39	20.41	20.43	20.30		
5	16QAM	1	24	20.28	20.39	20.24	20.27		
5	16QAM	12	0	19.39	19.54	19.53	19.47	20	2
5	16QAM	12	7	19.40	19.55	19.45	19.34		
5	16QAM	12	13	19.39	19.40	19.31	19.34		
5	16QAM	25	0	19.42	19.48	19.42	19.43		
5	64QAM	1	0	19.35	19.51	19.42	19.40	20	2
5	64QAM	1	12	19.39	19.41	19.34	19.30		
5	64QAM	1	24	19.27	19.37	19.37	19.29		
5	64QAM	12	0	18.56	18.68	18.53	18.55	19	3
5	64QAM	12	7	18.48	18.61	18.58	18.53		
5	64QAM	12	13	18.46	18.56	18.50	18.46		
5	64QAM	25	0	18.47	18.57	18.50	18.42		
5	256QAM	1	0	16.56	16.66	16.56	16.56	17	5
5	256QAM	1	12	16.60	16.55	16.54	16.55		
5	256QAM	1	24	16.45	16.51	16.40	16.38		
5	256QAM	12	0	16.47	16.60	16.54	16.57	17	5
5	256QAM	12	7	16.48	16.53	16.43	16.51		
5	256QAM	12	13	16.30	16.45	16.27	16.32		
5	256QAM	25	0	16.53	16.49	16.44	16.45		

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	32.34	32.26	33.50	23.18	23.34	23.26	24.50
GPRS 1 Tx slot	32.23	32.38	32.30	33.50	23.23	23.38	23.30	24.50
GPRS 2 Tx slots	29.48	29.52	29.41	30.50	23.48	23.52	23.41	24.50
GPRS 3 Tx slots	27.74	27.85	27.79	29.00	23.48	23.59	23.53	24.74
GPRS 4 Tx slots	26.27	26.35	26.27	27.00	23.27	23.35	23.27	24.00
EDGE 1 Tx slot	25.13	25.18	25.08	26.00	16.13	16.18	16.08	17.00
EDGE 2 Tx slots	23.21	23.35	23.21	25.00	17.21	17.35	17.21	19.00
EDGE 3 Tx slots	22.19	22.30	22.27	24.00	17.93	18.04	18.01	19.74
EDGE 4 Tx slots	20.02	20.14	20.07	21.00	17.02	17.14	17.07	18.00

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	29.81	29.93	29.89	30.00	20.81	20.93	20.89	21.00
GPRS 1 Tx slot	29.85	29.97	29.93	30.00	20.85	20.97	20.93	21.00
GPRS 2 Tx slots	25.58	25.62	25.50	27.00	19.58	19.62	19.50	21.00
GPRS 3 Tx slots	23.66	23.69	23.61	25.50	19.40	19.43	19.35	21.24
GPRS 4 Tx slots	21.31	21.41	21.28	22.50	18.31	18.41	18.28	19.50
EDGE 1 Tx slot	23.45	23.54	23.51	25.00	14.45	14.54	14.51	16.00
EDGE 2 Tx slots	21.84	21.91	21.79	23.50	15.84	15.91	15.79	17.50
EDGE 3 Tx slots	20.63	20.69	20.56	22.50	16.37	16.43	16.30	18.24
EDGE 4 Tx slots	18.56	18.66	18.62	20.50	15.56	15.66	15.62	17.50

Band		WCDMA IV Ant1			Tune-up Limit (dBm)	WCDMA V Ant1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		4132	4182	4233	
Rx Channel		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.66	19.82	19.69	21.00	22.40	22.46	22.30	21.00
3GPP Rel 99	RMC 12.2Kbps	19.82	19.92	19.77	21.00	22.43	22.49	22.37	21.00
3GPP Rel 6	HSDPA Subtest-1	18.82	18.88	18.69	20.00	21.55	21.60	21.37	20.00
3GPP Rel 6	HSDPA Subtest-2	18.72	18.79	18.59	20.00	21.47	21.50	21.47	20.00
3GPP Rel 6	HSDPA Subtest-3	18.12	18.25	18.33	19.50	20.86	21.05	21.00	19.50
3GPP Rel 6	HSDPA Subtest-4	18.15	18.42	18.17	19.50	20.85	21.15	20.90	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.73	19.01	18.69	20.00	21.47	21.68	21.28	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.81	18.68	18.65	20.00	21.42	21.42	21.34	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.41	18.15	18.30	19.50	21.02	20.85	20.93	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.12	18.02	18.23	19.50	20.82	20.75	20.99	19.50
3GPP Rel 6	HSUPA Subtest-1	18.72	18.83	18.95	20.00	21.51	21.56	21.61	20.00
3GPP Rel 6	HSUPA Subtest-2	16.75	16.77	16.66	18.00	19.41	19.49	19.39	18.00
3GPP Rel 6	HSUPA Subtest-3	17.73	17.74	17.73	19.00	20.54	20.48	20.44	19.00
3GPP Rel 6	HSUPA Subtest-4	16.61	16.71	16.69	18.00	19.37	19.45	19.37	18.00
3GPP Rel 6	HSUPA Subtest-5	19.04	18.54	18.68	20.00	21.58	21.32	21.38	20.00

Band 4 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.04	21.05	21.03	22.5	0
20	QPSK	1	49	20.95	20.95	20.92		
20	QPSK	1	99	20.73	20.73	20.89		
20	QPSK	50	0	20.95	21.03	20.95	22	0.5
20	QPSK	50	24	20.92	20.98	20.87		
20	QPSK	50	50	20.78	20.91	20.84		
20	QPSK	100	0	20.93	20.99	20.87		
20	16QAM	1	0	20.75	20.89	20.85		
20	16QAM	1	49	20.76	20.84	20.74	22	0.5
20	16QAM	1	99	20.65	20.77	20.70		
20	16QAM	50	0	19.89	19.97	19.83		
20	16QAM	50	24	19.83	19.92	19.85	21	1.5
20	16QAM	50	50	19.74	19.85	19.72		
20	16QAM	100	0	19.89	19.92	19.83		
20	64QAM	1	0	19.75	19.83	19.79		
20	64QAM	1	49	19.65	19.78	19.66	21	1.5
20	64QAM	1	99	19.56	19.71	19.59		
20	64QAM	50	0	18.90	18.98	18.89		
20	64QAM	50	24	18.83	18.93	18.81	20	2.5
20	64QAM	50	50	18.74	18.88	18.74		
20	64QAM	100	0	18.77	18.91	18.81		
20	256QAM	1	0	16.92	16.95	16.89		
20	256QAM	1	49	16.82	16.90	16.85	18	4.5
20	256QAM	1	99	16.70	16.83	16.69		
20	256QAM	50	0	16.72	16.87	16.80		
20	256QAM	50	24	16.73	16.82	16.77	18	4.5
20	256QAM	50	50	16.67	16.75	16.63		
20	256QAM	100	0	16.76	16.81	16.66		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.96	21.00	20.99	22.5	0
15	QPSK	1	37	20.79	20.73	20.89		
15	QPSK	1	74	20.71	20.73	20.78		
15	QPSK	36	0	20.80	20.94	20.89		
15	QPSK	36	20	20.83	20.91	20.73	22	0.5
15	QPSK	36	39	20.70	20.82	20.78		
15	QPSK	75	0	20.79	20.92	20.75		
15	16QAM	1	0	20.72	20.80	20.80		
15	16QAM	1	37	20.64	20.80	20.59	22	0.5
15	16QAM	1	74	20.51	20.65	20.65		
15	16QAM	36	0	19.84	19.91	19.75		
15	16QAM	36	20	19.70	19.82	19.78	21	1.5
15	16QAM	36	39	19.70	19.82	19.65		
15	16QAM	75	0	19.82	19.79	19.70		
15	64QAM	1	0	19.70	19.71	19.70		
15	64QAM	1	37	19.53	19.67	19.60	21	1.5
15	64QAM	1	74	19.48	19.59	19.52		
15	64QAM	36	0	18.80	18.87	18.77		
15	64QAM	36	20	18.77	18.90	18.78	20	2.5
15	64QAM	36	39	18.64	18.73	18.61		
15	64QAM	75	0	18.74	18.87	18.70		
15	256QAM	1	0	16.81	16.85	16.84		
15	256QAM	1	37	16.76	16.74	16.74	18	4.5
15	256QAM	1	74	16.62	16.74	16.64		
15	256QAM	36	0	16.62	16.79	16.71		
15	256QAM	36	20	16.63	16.71	16.74	18	4.5
15	256QAM	36	39	16.61	16.64	16.57		
15	256QAM	75	0	16.63	16.74	16.55		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.88	20.93	20.94	22.5	0
10	QPSK	1	25	20.78	20.86	20.89		
10	QPSK	1	49	20.65	20.77	20.80		
10	QPSK	25	0	20.85	20.90	20.88		
10	QPSK	25	12	20.85	20.91	20.75	22	0.5
10	QPSK	25	25	20.65	20.73	20.77		
10	QPSK	50	0	20.89	20.83	20.81		
10	16QAM	1	0	20.71	20.84	20.78		
10	16QAM	1	25	20.64	20.76	20.61	22	0.5
10	16QAM	1	49	20.60	20.60	20.60		
10	16QAM	25	0	19.78	19.91	19.72		
10	16QAM	25	12	19.76	19.84	19.78	21	1.5
10	16QAM	25	25	19.68	19.71	19.64		
10	16QAM	50	0	19.83	19.84	19.75		
10	64QAM	1	0	19.71	19.68	19.73		
10	64QAM	1	25	19.50	19.69	19.56	21	1.5
10	64QAM	1	49	19.45	19.67	19.51		
10	64QAM	25	0	18.78	18.84	18.83		
10	64QAM	25	12	18.80	18.86	18.71	20	2.5
10	64QAM	25	25	18.68	18.74	18.68		
10	64QAM	50	0	18.73	18.83	18.74		
10	256QAM	1	0	16.80	16.86	16.84		
10	256QAM	1	25	16.73	16.80	16.76	18	4.5
10	256QAM	1	49	16.58	16.72	16.62		
10	256QAM	25	0	16.57	16.83	16.65		
10	256QAM	25	12	16.69	16.76	16.72	18	4.5
10	256QAM	25	25	16.56	16.71	16.54		
10	256QAM	50	0	16.67	16.67	16.54		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.00	20.97	20.85	22.5	0
5	QPSK	1	12	20.85	20.90	20.87		
5	QPSK	1	24	20.69	20.73	20.84		
5	QPSK	12	0	20.80	20.97	20.81		
5	QPSK	12	7	20.86	20.92	20.76	22	0.5
5	QPSK	12	13	20.64	20.81	20.76		
5	QPSK	25	0	20.87	20.84	20.76		
5	16QAM	1	0	20.64	20.80	20.79		
5	16QAM	1	12	20.68	20.71	20.60	22	0.5
5	16QAM	1	24	20.56	20.63	20.56		
5	16QAM	12	0	19.81	19.89	19.74		
5	16QAM	12	7	19.76	19.87	19.77	21	1.5
5	16QAM	12	13	19.70	19.81	19.58		
5	16QAM	25	0	19.79	19.81	19.78		
5	64QAM	1	0	19.71	19.70	19.73		
5	64QAM	1	12	19.58	19.66	19.60	21	1.5
5	64QAM	1	24	19.54	19.62	19.54		
5	64QAM	12	0	18.84	18.91	18.83		
5	64QAM	12	7	18.72	18.87	18.75	20	2.5
5	64QAM	12	13	18.62	18.83	18.64		
5	64QAM	25	0	18.72	18.87	18.71		
5	256QAM	1	0	16.87	16.84	16.85		
5	256QAM	1	12	16.71	16.80	16.73	18	4.5
5	256QAM	1	24	16.67	16.68	16.60		
5	256QAM	12	0	16.72	16.85	16.72		
5	256QAM	12	7	16.68	16.78	16.65	18	4.5
5	256QAM	12	13	16.59	16.68	16.55		
5	256QAM	25	0	16.64	16.70	16.57		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.02	20.96	20.98	22.5	0
3	QPSK	1	8	20.78	20.81	20.79		
3	QPSK	1	14	20.62	20.82	20.78		
3	QPSK	8	0	20.89	20.99	20.87		
3	QPSK	8	4	20.82	20.86	20.75	22	0.5
3	QPSK	8	7	20.68	20.84	20.75		
3	QPSK	15	0	20.86	20.82	20.81		
3	16QAM	1	0	20.66	20.79	20.76		
3	16QAM	1	8	20.68	20.76	20.68	22	0.5
3	16QAM	1	14	20.57	20.69	20.63		
3	16QAM	8	0	19.75	19.93	19.75		
3	16QAM	8	4	19.70	19.88	19.72	21	1.5
3	16QAM	8	7	19.68	19.75	19.58		
3	16QAM	15	0	19.81	19.84	19.77		
3	64QAM	1	0	19.71	19.71	19.69		
3	64QAM	1	8	19.54	19.64	19.59	21	1.5
3	64QAM	1	14	19.51	19.60	19.50		
3	64QAM	8	0	18.84	18.85	18.84		
3	64QAM	8	4	18.77	18.81	18.73	20	2.5
3	64QAM	8	7	18.66	18.72	18.70		
3	64QAM	15	0	18.70	18.78	18.68		
3	256QAM	1	0	16.83	16.92	16.84		
3	256QAM	1	8	16.71	16.78	16.74	18	4.5
3	256QAM	1	14	16.62	16.79	16.59		
3	256QAM	8	0	16.62	16.77	16.72		
3	256QAM	8	4	16.67	16.76	16.64	18	4.5
3	256QAM	8	7	16.59	16.65	16.57		
3	256QAM	15	0	16.66	16.74	16.51		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.01	20.94	20.97	22.5	0
1.4	QPSK	1	3	20.87	20.89	20.82		
1.4	QPSK	1	5	20.61	20.71	20.82		
1.4	QPSK	3	0	20.93	20.98	20.87		
1.4	QPSK	3	1	20.90	20.78	20.77		
1.4	QPSK	3	3	20.69	20.80	20.77		
1.4	QPSK	6	0	20.82	20.98	20.81	22	0.5
1.4	16QAM	1	0	20.84	20.92	20.83	22	0.5
1.4	16QAM	1	3	20.67	20.86	20.73		
1.4	16QAM	1	5	20.88	20.81	20.78		
1.4	16QAM	3	0	20.71	20.83	20.75		
1.4	16QAM	3	1	20.70	20.76	20.62		
1.4	16QAM	3	3	20.52	20.74	20.57		
1.4	16QAM	6	0	19.79	19.93	19.76	21	1.5
1.4	64QAM	1	0	19.77	19.87	19.73	21	1.5
1.4	64QAM	1	3	19.60	19.74	19.65		
1.4	64QAM	1	5	19.76	19.85	19.79		
1.4	64QAM	3	0	19.71	19.72	19.69		
1.4	64QAM	3	1	19.58	19.69	19.62		
1.4	64QAM	3	3	19.50	19.57	19.53		
1.4	64QAM	6	0	18.83	18.95	18.78	20	2.5
1.4	256QAM	1	0	16.89	16.84	16.78	18	4.5
1.4	256QAM	1	3	16.79	16.79	16.81		
1.4	256QAM	1	5	16.63	16.70	16.60		
1.4	256QAM	3	0	16.68	16.82	16.66		
1.4	256QAM	3	1	16.65	16.73	16.68		
1.4	256QAM	3	3	16.52	16.66	16.52		
1.4	256QAM	6	0	16.72	16.70	16.51	18	4.5

Band 5 Ant 1

BW [MHz]	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	21.31	21.26	22	0
10	QPSK	1	25	21.16	21.28	21.20		
10	QPSK	1	49	21.08	21.15	21.12		
10	QPSK	25	0	20.29	20.34	20.23		
10	QPSK	25	12	20.21	20.29	20.16	21	1
10	QPSK	25	25	20.15	20.22	20.17		
10	QPSK	50	0	20.15	20.25	20.15		
10	16QAM	1	0	20.13	20.21	20.08		
10	16QAM	1	25	20.01	20.16	20.13	21	1
10	16QAM	1	49	20.03	20.09	20.00		
10	16QAM	25	0	19.30	19.42	19.30		
10	16QAM	25	12	19.30	19.37	19.32	20	2
10	16QAM	25	25	19.26	19.30	19.23		
10	16QAM	50	0	19.26	19.37	19.27		
10	64QAM	1	0	19.29	19.33	19.24		
10	64QAM	1	25	19.16	19.28	19.21	20	2
10	64QAM	1	49	19.09	19.21	19.08		
10	64QAM	25	0	18.37	18.44	18.36		
10	64QAM	25	12	18.26	18.39	18.31	19	3
10	64QAM	25	25	18.26	18.32	18.17		
10	64QAM	50	0	18.36	18.40	18.30		
10	256QAM	1	0	16.37	16.47	16.32		
10	256QAM	1	25	16.30	16.42	16.30	17	5
10	256QAM	1	49	16.24	16.35	16.27		
10	256QAM	25	0	16.36	16.42	16.33		
10	256QAM	25	12	16.31	16.37	16.30	17	5
10	256QAM	25	25	16.15	16.30	16.21		
10	256QAM	50	0	16.28	16.35	16.22		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.11	21.24	21.22	22	0
5	QPSK	1	12	21.07	21.16	21.05		
5	QPSK	1	24	20.99	21.04	21.08		
5	QPSK	12	0	20.20	20.31	20.10		
5	QPSK	12	7	20.18	20.15	20.12	21	1
5	QPSK	12	13	20.09	20.15	20.09		
5	QPSK	25	0	20.03	20.21	20.05		
5	16QAM	1	0	20.07	20.13	20.03		
5	16QAM	1	12	19.88	20.04	20.06	21	1
5	16QAM	1	24	19.93	20.02	19.96		
5	16QAM	12	0	19.21	19.35	19.19		
5	16QAM	12	7	19.22	19.29	19.19	20	2
5	16QAM	12	13	19.23	19.26	19.17		
5	16QAM	25	0	19.11	19.23	19.13		
5	64QAM	1	0	19.21	19.23	19.21		
5	64QAM	1	12	19.03	19.16	19.13	20	2
5	64QAM	1	24	19.00	19.16	18.94		
5	64QAM	12	0	18.33	18.34	18.28		
5	64QAM	12	7	18.11	18.36	18.18	19	3
5	64QAM	12	13	18.20	18.22	18.03		
5	64QAM	25	0	18.29	18.35	18.16		
5	256QAM	1	0	16.24	16.39	16.26		
5	256QAM	1	12	16.20	16.27	16.23	17	5
5	256QAM	1	24	16.20	16.29	16.20		
5	256QAM	12	0	16.31	16.32	16.27		
5	256QAM	12	7	16.25	16.24	16.24	17	5
5	256QAM	12	13	16.09	16.19	16.12		
5	256QAM	25	0	16.15	16.20	16.12		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.16	21.27	21.16	22	0
3	QPSK	1	8	21.11	21.21	21.09		
3	QPSK	1	14	20.95	21.00	21.03		
3	QPSK	8	0	20.24	20.29	20.18		
3	QPSK	8	4	20.13	20.25	20.09	21	1
3	QPSK	8	7	20.06	20.15	20.11		
3	QPSK	15	0	20.01	20.19	20.02		
3	16QAM	1	0	20.00	20.17	19.95		
3	16QAM	1	8	19.90	20.08	20.10	21	1
3	16QAM	1	14	19.88	19.99	19.89		
3	16QAM	8	0	19.26	19.33	19.19		
3	16QAM	8	4	19.26	19.23	19.19	20	2
3	16QAM	8	7	19.12	19.18	19.10		
3	16QAM	15	0	19.15	19.25	19.20		
3	64QAM	1	0	19.18	19.29	19.11		
3	64QAM	1	8	19.02	19.17	19.15	20	2
3	64QAM	1	14	19.00	19.18	18.97		
3	64QAM	8	0	18.32	18.38	18.29		
3	64QAM	8	4	18.14	18.30	18.19	19	3
3	64QAM	8	7	18.12	18.22	18.14		
3	64QAM	15	0	18.31	18.25	18.20		
3	256QAM	1	0	16.23	16.35	16.21		
3	256QAM	1	8	16.18	16.34	16.27	17	5
3	256QAM	1	14	16.13	16.30	16.14		
3	256QAM	8	0	16.23	16.37	16.27		
3	256QAM	8	4	16.19	16.23	16.13	17	5
3	256QAM	8	7	16.03	16.19	16.12		
3	256QAM	15	0	16.20	16.31	16.14		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.14	21.17	21.23	22	0
1.4	QPSK	1	3	21.11	21.18	21.16		
1.4	QPSK	1	5	21.00	21.12	20.98		
1.4	QPSK	3	0	21.09	21.11	21.06		
1.4	QPSK	3	1	21.08	21.01	20.96		
1.4	QPSK	3	3	20.85	20.95	20.94		
1.4	QPSK	6	0	20.24	20.28	20.18	21	1
1.4	16QAM	1	0	20.09	20.26	20.09	21	1
1.4	16QAM	1	3	20.09	20.09	20.12		
1.4	16QAM	1	5	20.05	20.22	20.05		
1.4	16QAM	3	0	20.02	20.08	19.96		
1.4	16QAM	3	1	19.97	20.09	20.07		
1.4	16QAM	3	3	19.97	20.00	19.93		
1.4	16QAM	6	0	19.20	19.36	19.23	20	2
1.4	64QAM	1	0	19.17	19.32	19.17	20	2
1.4	64QAM	1	3	19.14	19.16	19.15		
1.4	64QAM	1	5	19.07	19.24	19.20		
1.4	64QAM	3	0	19.17	19.25	19.16		
1.4	64QAM	3	1	19.13	19.13	19.06		
1.4	64QAM	3	3	18.98	19.09	18.97		
1.4	64QAM	6	0	18.26	18.38	18.27	19	3
1.4	256QAM	1	0	16.33	16.37	16.27	17	5
1.4	256QAM	1	3	16.23	16.33	16.21		
1.4	256QAM	1	5	16.20	16.21	16.15		
1.4	256QAM	3	0	16.24	16.32	16.21		
1.4	256QAM	3	1	16.27	16.27	16.26		
1.4	256QAM	3	3	16.00	16.27	16.13		
1.4	256QAM	6	0	16.14	16.23	16.16	17	5

Band 7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.86	20.04	19.99	21.5	0
20	QPSK	1	49	19.76	19.88	19.78		
20	QPSK	1	99	19.73	19.92	19.86		
20	QPSK	50	0	19.69	19.97	19.86		
20	QPSK	50	24	19.64	19.80	19.72	21.5	0
20	QPSK	50	50	19.59	19.77	19.72		
20	QPSK	100	0	19.70	19.92	19.85		
20	16QAM	1	0	19.64	19.85	19.74		
20	16QAM	1	49	19.74	19.93	19.89	21.5	0
20	16QAM	1	99	19.70	19.85	19.64		
20	16QAM	50	0	19.83	19.92	19.88		
20	16QAM	50	24	19.63	19.77	19.68	21	0.5
20	16QAM	50	50	19.70	19.78	19.69		
20	16QAM	100	0	19.54	19.88	19.71		
20	64QAM	1	0	19.54	19.66	19.64		
20	64QAM	1	49	19.46	19.59	19.64	21	0.5
20	64QAM	1	99	19.56	19.85	19.68		
20	64QAM	50	0	19.21	19.36	19.29		
20	64QAM	50	24	19.17	19.31	19.21	20	1.5
20	64QAM	50	50	19.19	19.24	19.21		
20	64QAM	100	0	19.28	19.32	19.22		
20	256QAM	1	0	17.27	17.41	17.38		
20	256QAM	1	49	17.30	17.36	17.32	18	3.5
20	256QAM	1	99	17.22	17.29	17.16		
20	256QAM	50	0	17.23	17.38	17.29		
20	256QAM	50	24	17.25	17.33	17.28	18	3.5
20	256QAM	50	50	17.20	17.26	17.18		
20	256QAM	100	0	17.19	17.33	17.23		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.73	20.01	19.83	21.5	0
15	QPSK	1	37	19.74	19.76	19.69		
15	QPSK	1	74	19.56	19.85	19.81		
15	QPSK	36	0	19.52	19.80	19.75		
15	QPSK	36	20	19.62	19.75	19.57	21.5	0
15	QPSK	36	39	19.57	19.60	19.68		
15	QPSK	75	0	19.58	19.89	19.69		
15	16QAM	1	0	19.57	19.77	19.67		
15	16QAM	1	37	19.61	19.87	19.76	21.5	0
15	16QAM	1	74	19.54	19.76	19.52		
15	16QAM	36	0	19.66	19.74	19.76		
15	16QAM	36	20	19.57	19.72	19.54	21	0.5
15	16QAM	36	39	19.67	19.69	19.66		
15	16QAM	75	0	19.40	19.73	19.64		
15	64QAM	1	0	19.41	19.49	19.55		
15	64QAM	1	37	19.28	19.43	19.62	21	0.5
15	64QAM	1	74	19.41	19.72	19.64		
15	64QAM	36	0	19.17	19.25	19.16		
15	64QAM	36	20	19.03	19.19	19.06	20	1.5
15	64QAM	36	39	19.15	19.17	19.07		
15	64QAM	75	0	19.23	19.17	19.19		
15	256QAM	1	0	17.15	17.26	17.29		
15	256QAM	1	37	17.25	17.28	17.28	18	3.5
15	256QAM	1	74	17.09	17.19	17.10		
15	256QAM	36	0	17.14	17.35	17.15		
15	256QAM	36	20	17.22	17.18	17.16	18	3.5
15	256QAM	36	39	17.08	17.13	17.06		
15	256QAM	75	0	17.09	17.25	17.16		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.79	19.92	19.94	21.5	0
10	QPSK	1	25	19.61	19.75	19.62		
10	QPSK	1	49	19.56	19.87	19.84		
10	QPSK	25	0	19.67	19.89	19.73		
10	QPSK	25	12	19.50	19.65	19.58	21.5	0
10	QPSK	25	25	19.62	19.69	19.59		
10	QPSK	50	0	19.60	19.77	19.70		
10	16QAM	1	0	19.56	19.71	19.62		
10	16QAM	1	25	19.72	19.77	19.86	21.5	0
10	16QAM	1	49	19.62	19.81	19.59		
10	16QAM	25	0	19.75	19.76	19.85		
10	16QAM

Band 13 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.31		23	0
10	QPSK	1	25		21.26			
10	QPSK	1	49		21.23			
10	QPSK	25	0		20.43		22	1
10	QPSK	25	12		20.38			
10	QPSK	25	25		20.33			
10	QPSK	50	0		20.38			
10	16QAM	1	0		20.32		22	1
10	16QAM	1	25		20.27			
10	16QAM	1	49		20.24			
10	16QAM	25	0		19.53		21	2
10	16QAM	25	12		19.48			
10	16QAM	25	25		19.36			
10	16QAM	50	0		19.47			
10	64QAM	1	0		19.40		21	2
10	64QAM	1	25		19.35			
10	64QAM	1	49		19.22			
10	64QAM	25	0		18.48		20	3
10	64QAM	25	12		18.43			
10	64QAM	25	25		18.39			
10	64QAM	50	0		18.41			
10	256QAM	1	0		16.50		18	5
10	256QAM	1	25		16.45			
10	256QAM	1	49		16.37			
10	256QAM	25	0		16.45		18	5
10	256QAM	25	12		16.40			
10	256QAM	25	25		16.36			
10	256QAM	50	0		16.42			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.20	21.27	21.13	23	0
5	QPSK	1	12	21.15	21.20	21.11		
5	QPSK	1	24	21.22	21.29	21.20		
5	QPSK	12	0	20.19	20.30	20.16	22	1
5	QPSK	12	7	20.23	20.30	20.24		
5	QPSK	12	13	20.26	20.29	20.25		
5	QPSK	25	0	20.25	20.32	20.29		
5	16QAM	1	0	20.24	20.29	20.18	22	1
5	16QAM	1	12	20.14	20.19	20.13		
5	16QAM	1	24	20.02	20.11	20.06		
5	16QAM	12	0	19.30	19.42	19.37	21	2
5	16QAM	12	7	19.38	19.44	19.36		
5	16QAM	12	13	19.14	19.22	19.15		
5	16QAM	25	0	19.30	19.44	19.30		
5	64QAM	1	0	19.13	19.28	19.21	21	2
5	64QAM	1	12	19.21	19.25	19.15		
5	64QAM	1	24	19.03	19.11	19.07		
5	64QAM	12	0	18.35	18.44	18.40	20	3
5	64QAM	12	7	18.31	18.36	18.22		
5	64QAM	12	13	18.31	18.36	18.24		
5	64QAM	25	0	18.24	18.37	18.25		
5	256QAM	1	0	16.33	16.38	16.29	18	5
5	256QAM	1	12	16.31	16.35	16.30		
5	256QAM	1	24	16.17	16.26	16.22		
5	256QAM	12	0	16.28	16.39	16.35	18	5
5	256QAM	12	7	16.22	16.36	16.24		
5	256QAM	12	13	16.19	16.27	16.15		
5	256QAM	25	0	16.16	16.27	16.21		

Band 17 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23780	23790	23800	
Frequency (MHz)					709	710	711	
10	QPSK	1	0	21.61	21.65	21.57	23	0
10	QPSK	1	25	21.55	21.64	21.63		
10	QPSK	1	49	21.59	21.62	21.54		
10	QPSK	25	0	20.68	20.72	20.67	22	1
10	QPSK	25	12	20.57	20.67	20.59		
10	QPSK	25	25	20.53	20.60	20.48		
10	QPSK	50	0	20.53	20.66	20.53		
10	16QAM	1	0	20.46	20.59	20.48	22	1
10	16QAM	1	25	20.39	20.54	20.46		
10	16QAM	1	49	20.42	20.47	20.38		
10	16QAM	25	0	19.62	19.68	19.62	21	2
10	16QAM	25	12	19.55	19.63	19.49		
10	16QAM	25	25	19.52	19.56	19.44		
10	16QAM	50	0	19.56	19.62	19.55		
10	64QAM	1	0	19.42	19.55	19.43	21	2
10	64QAM	1	25	19.43	19.50	19.35		
10	64QAM	1	49	19.33	19.43	19.30		
10	64QAM	25	0	18.69	18.76	18.69	20	3
10	64QAM	25	12	18.62	18.71	18.59		
10	64QAM	25	25	18.51	18.64	18.53		
10	64QAM	50	0	18.58	18.71	18.60		
10	256QAM	1	0	16.67	16.77	16.65	18	5
10	256QAM	1	25	16.65	16.72	16.62		
10	256QAM	1	49	16.55	16.65	16.59		
10	256QAM	25	0	16.64	16.72	16.62	18	5
10	256QAM	25	12	16.53	16.67	16.57		
10	256QAM	25	25	16.50	16.60	16.50		
10	256QAM	50	0	16.61	16.65	16.60		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.47	21.58	21.41	23	0
5	QPSK	1	12	21.38	21.37	21.31		
5	QPSK	1	24	21.42	21.43	21.33		
5	QPSK	12	0	20.59	20.62	20.55	22	1
5	QPSK	12	7	20.54	20.53	20.54		
5	QPSK	12	13	20.48	20.54	20.44		
5	QPSK	25	0	20.49	20.56	20.49		
5	16QAM	1	0	20.34	20.48	20.34	22	1
5	16QAM	1	12	20.32	20.49	20.41		
5	16QAM	1	24	20.39	20.39	20.25		
5	16QAM	12	0	19.51	19.54	19.56	21	2
5	16QAM	12	7	19.45	19.48	19.36		
5	16QAM	12	13	19.46	19.46	19.39		
5	16QAM	25	0	19.43	19.52	19.43		
5	64QAM	1	0	19.36	19.41	19.31	21	2
5	64QAM	1	12	19.32	19.37	19.28		
5	64QAM	1	24	19.24	19.29	19.18		
5	64QAM	12	0	18.56	18.68	18.66	20	3
5	64QAM	12	7	18.50	18.65	18.51		
5	64QAM	12	13	18.37	18.52	18.42		
5	64QAM	25	0	18.46	18.60	18.48		
5	256QAM	1	0	16.55	16.63	16.50	18	5
5	256QAM	1	12	16.57	16.66	16.52		
5	256QAM	1	24	16.40	16.59	16.50		
5	256QAM	12	0	16.51	16.63	16.55	18	5
5	256QAM	12	7	16.43	16.56	16.53		
5	256QAM	12	13	16.41	16.52	16.45		
5	256QAM	25	0	16.52	16.54	16.57		

Band 26 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.32	21.38	21.29	22	0
15	QPSK	1	37	21.17	21.27	21.14		
15	QPSK	1	74	21.14	21.29	21.10		
15	QPSK	36	0	20.28	20.32	20.28	21	1
15	QPSK	36	20	20.21	20.27	20.14		
15	QPSK	36	39	20.17	20.20	20.12		
15	QPSK	75	0	20.24	20.27	20.17		
15	16QAM	1	0	20.19	20.22	20.19	21	1
15	16QAM	1	37	20.10	20.17	20.13		
15	16QAM	1	74	19.99	20.10	20.04		
15	16QAM	36	0	19.24	19.37	19.22	20	2
15	16QAM	36	20	19.26	19.32	19.22		
15	16QAM	36	39	19.14	19.25	19.13		
15	16QAM	75	0	19.20	19.30	19.21		
15	64QAM	1	0	19.16	19.23	19.15	20	2
15	64QAM	1	37	19.15	19.18	19.04		
15	64QAM	1	74	19.05	19.11	19.00		
15	64QAM	36	0	18.25	18.36	18.22	19	3
15	64QAM	36	20	18.19	18.31	18.17		
15	64QAM	36	39	18.13	18.24	18.14		
15	64QAM	75	0	18.19	18.32	18.29		
15	256QAM	1	0	16.31	16.38	16.30	17	5
15	256QAM	1	37	16.28	16.33	16.28		
15	256QAM	1	74	16.16	16.26	16.13		
15	256QAM	36	0	16.26	16.33	16.19	17	5
15	256QAM	36	20	16.17	16.28	16.21		
15	256QAM	36	39	16.11	16.21	16.07		
15	256QAM	75	0	16.15	16.26	16.22		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.20	21.26	21.26	22	0
10	QPSK	1	25	21.13	21.15	21.01		
10	QPSK	1	49	21.10	21.14	21.04		
10	QPSK	25	0	20.24	20.20	20.24	21	1
10	QPSK	25	12	20.17	20.23	19.99		
10	QPSK	25	25	20.03	20.12	20.08		
10	QPSK	50	0	20.14	20.15	20.02		
10	16QAM	1	0	20.07	20.18	20.04	21	1
10	16QAM	1	25	20.05	20.08	20.07		
10	16QAM	1	49	19.88	20.01	19.96		
10	16QAM	25	0	19.18	19.31	19.10	20	2
10	16QAM	25	12	19.12	19.23	19.17		
10	16QAM	25	25	19.08	19.15	19.03		
10	16QAM	50	0	19.09	19.27	19.13		
10	64QAM	1	0	19.01	19.17	19.02	20	2
10	64QAM	1	25	19.11	19.13	18.98		
10	64QAM	1	49	18.91	19.07	18.97		
10	64QAM	25	0	18.19	18.31	18.10	19	3
10	64QAM	25	12	18.09	18.24	18.05		
10	64QAM	25	25	18.06	18.19	18.07		
10	64QAM	50	0	18.07	18.22	18.23		
10	256QAM	1	0	16.24	16.27	16.19	17	5
10	256QAM	1	25	16.17	16.27	16.20		
10	256QAM	1	49	16.05	16.18	16.05		
10	256QAM	25	0	16.22	16.24	16.05	17	5
10	256QAM	25	12	16.09	16.23	16.16		
10	256QAM	25	25	16.03	16.11	15.94		
10	256QAM	50	0	16.06	16.22	16.08		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.19	21.34	21.20	22	0
5	QPSK	1	12	21.11	21.12	21.05		
5	QPSK	1	24	21.09	21.09	20.96		
5	QPSK	12	0	20.24	20.26	20.23	21	1
5	QPSK	12	7	20.17	20.13	20.09		
5	QPSK	12	13	20.07	20.11	20.04		
5	QPSK	25	0	20.14	20.12	20.13		
5	16QAM	1	0	20.10	20.17	20.08	21	1
5	16QAM	1	12	19.96	20.09	20.05		
5	16QAM	1	24	19.85	20.04	19.91		
5	16QAM	12	0	19.21	19.25	19.13	20	2
5	16QAM	12	7	19.14	19.21	19.19		
5	16QAM	12	13	19.09	19.14	19.06		
5	16QAM	25	0	19.16	19.18	19.07		
5	64QAM	1	0	19.11	19.15	19.06	20	2
5	64QAM	1	12	19.00	19.09	18.92		
5	64QAM	1	24	19.00	18.98	18.92		
5	64QAM	12	0	18.16	18.26	18.13	19	3
5	64QAM	12	7	18.09	18.26	18.11		
5	64QAM	12	13	17.98	18.15	18.03		
5	64QAM	25	0	18.10	18.22	18.18		
5	256QAM	1	0	16.24	16.34	16.17	17	5
5	256QAM	1	12	16.18	16.27	16.17		
5	256QAM	1	24	16.11	16.20	16.00		
5	256QAM	12	0	16.22	16.19	16.06	17	5
5	256QAM	12	7	16.13	16.17	16.09		
5	256QAM	12	13	16.01	16.12	15.92		
5	256QAM	25	0	16.03	16.20	16.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.23	21.32	21.17	22	0
3	QPSK	1	8	21.07	21.20	21.08		
3	QPSK	1	14	21.09	21.15	20.96		
3	QPSK	8	0	20.16	20.20	20.16	21	1
3	QPSK	8	4	20.09	20.12	20.05		
3	QPSK	8	7	20.09	20.10	20.02		
3	QPSK	15	0	20.19	20.20	20.07		
3	16QAM	1	0	20.15	20.18	20.04	21	1
3	16QAM	1	8	20.03	20.06	20.07		
3	16QAM	1	14	19.95	19.96	20.01		
3	16QAM	8	0	19.13	19.33	19.12	20	2
3	16QAM	8	4	19.23	19.24	19.10		
3	16QAM	8	7	18.99	19.12	18.99		
3	16QAM	15	0	19.10	19.25	19.09		
3	64QAM	1	0	19.11	19.14	19.05	20	2
3	64QAM	1	8	19.06	19.03	18.92		
3	64QAM	1	14	18.93	18.97	18.91		
3	64QAM	8	0	18.11	18.31	18.19	19	3
3	64QAM	8	4	18.10	18.18	18.03		
3	64QAM	8	7	18.03	18.17	18.03		
3	64QAM	15	0	18.04	18.29	18.15		
3	256QAM	1	0	16.25	16.26	16.24	17	5
3	256QAM	1	8	16.23	16.21	16.21		
3	256QAM	1	14	16.03	16.23	16.01		
3	256QAM	8	0	16.23	16.22	16.15	17	5
3	256QAM	8	4	16.02	16.22	16.06		
3	256QAM	8	7	16.02	16.12	15.92		
3	256QAM	15	0	16.08	16.12	16.14		
Channel				26927	26865	27031	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.20	21.28	21.17	22	0
1.4	QPSK	1	3	21.11	21.21	21.01		
1.4	QPSK	1	5	21.04	21.14	21.02		
1.4	QPSK	3	0	21.05	21.28	21.04		
1.4	QPSK	3	1	21.09	21.08	21.04		
1.4	QPSK	3	3	20.99	21.14	21.03		
1.4	QPSK	6	0	20.15	20.21	20.21	21	1
1.4	16QAM	1	0	20.09	20.19	20.03	21	1
1.4	16QAM	1	3	20.08	20.06	20.09		
1.4	16QAM	1	5	20.16	20.16	20.10		
1.4	16QAM	3	0	20.07	20.15	20.08		
1.4	16QAM	3	1	20.03	20.05	20.06		
1.4	16QAM	3	3	19.85	19.96	19.96		
1.4	16QAM	6	0	19.10	19.25	19.10	20	2
1.4	64QAM	1	0	19.11	19.18	19.16	20	2
1.4	64QAM	1	3	19.09	19.10	19.07		
1.4	64QAM	1	5	19.13	19.19	19.15		
1.4	64QAM	3	0	19.10	19.08	19.06		
1.4	64QAM	3	1	19.08	19.12	18.93		
1.4	64QAM	3	3	18.98	19.00	18.90		
1.4	64QAM	6	0	18.15	18.25	18.16	19	3
1.4	256QAM	1	0	16.20	16.30	16.16	17	5
1.4	256QAM	1	3	16.19	16.24	16.23		
1.4	256QAM	1	5	16.11	16.18	16.02		
1.4	256QAM	3	0	16.23	16.25	16.09		
1.4	256QAM	3	1	16.09	16.17	16.07		
1.4	256QAM	3	3	16.00	16.08	15.99		
1.4	256QAM	6	0	16.04	16.21	16.11	17	5

Band 66 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					132072	132322	132572	
Frequency (MHz)					1720	1745	1770	
20	QPSK	1	0	21.06	21.09	21.06	22.5	0
20	QPSK	1	49	20.99	21.06	20.95		
20	QPSK	1	99	20.84	21.03	20.97		
20	QPSK	50	0	20.77	20.85	20.82	22	0.5
20	QPSK	50	24	20.66	20.80	20.73		
20	QPSK	50	50	20.68	20.73	20.59		
20	QPSK	100	0	20.65	20.77	20.72		
20	16QAM	1	0	20.69	20.74	20.66	22	0.5
20	16QAM	1	49	20.57	20.69	20.56		
20	16QAM	1	99	20.56	20.62	20.55		
20	16QAM	50	0	19.84	19.78	19.68	21	1.5
20	16QAM	50	24	19.63	19.73	19.63		
20	16QAM	50	50	19.63	19.66	19.61		
20	16QAM	100	0	19.64	19.71	19.68		
20	64QAM	1	0	19.52	19.64	19.49	21	1.5
20	64QAM	1	49	19.51	19.59	19.52		
20	64QAM	1	99	19.45	19.52	19.41		
20	64QAM	50	0	18.61	18.69	18.54	20	2.5
20	64QAM	50	24	18.58	18.64	18.61		
20	64QAM	50	50	18.53	18.57	18.51		
20	64QAM	100	0	18.52	18.62	18.54		
20	256QAM	1	0	16.61	16.75	16.64	18	4.5
20	256QAM	1	49	16.65	16.70	16.65		
20	256QAM	1	99	16.48	16.63	16.57		
20	256QAM	50	0	16.62	16.71	16.66	18	4.5
20	256QAM	50	24	16.60	16.66	16.55		
20	256QAM	50	50	16.49	16.59	16.45		
20	256QAM	100	0	16.61	16.68	16.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.03	21.00	20.99	22.5	0
15	QPSK	1	37	20.93	20.92	20.77		
15	QPSK	1	74	20.70	20.91	20.86		
15	QPSK	36	0	20.74	20.79	20.75	22	0.5
15	QPSK	36	20	20.58	20.68	20.66		
15	QPSK	36	39	20.55	20.62	20.55		
15	QPSK	75	0	20.52	20.70	20.69		
15	16QAM	1	0	20.65	20.68	20.53	22	0.5
15	16QAM	1	37	20.48	20.55	20.49		
15	16QAM	1	74	20.45	20.51	20.45		
15	16QAM	36	0	19.50	19.74	19.61	21	1.5
15	16QAM	36	20	19.53	19.60	19.53		
15	16QAM	36	39	19.52	19.60	19.57		
15	16QAM	75	0	19.52	19.61	19.58		
15	64QAM	1	0	19.42	19.55	19.40	21	1.5
15	64QAM	1	37	19.43	19.51	19.40		
15	64QAM	1	74	19.35	19.39	19.30		
15	64QAM	36	0	18.56	18.57	18.42	20	2.5
15	64QAM	36	20	18.52	18.58	18.50		
15	64QAM	36	39	18.48	18.50	18.42		
15	64QAM	75	0	18.48	18.59	18.48		
15	256QAM	1	0	16.55	16.66	16.50	18	4.5
15	256QAM	1	37	16.62	16.65	16.61		
15	256QAM	1	74	16.38	16.55	16.49		
15	256QAM	36	0	16.56	16.58	16.55	18	4.5
15	256QAM	36	20	16.56	16.54	16.47		
15	256QAM	36	39	16.39	16.50	16.32		
15	256QAM	75	0	16.50	16.55	16.47		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.01	20.99	20.95	22.5	0
10	QPSK	1	25	20.88	20.97	20.79		
10	QPSK	1	49	20.81	20.95	20.84		
10	QPSK	25	0	20.64	20.76	20.77	22	0.5
10	QPSK	25	12	20.55	20.72	20.66		
10	QPSK	25	25	20.57	20.70	20.56		
10	QPSK	50	0	20.51	20.66	20.58		
10	16QAM	1	0	20.64	20.59	20.51	22	0.5
10	16QAM	1	25	20.51	20.59	20.43		
10	16QAM	1	49	20.50	20.51	20.46		
10	16QAM	25	0	19.52	19.64	19.59	21	1.5
10	16QAM	25	12	19.51	19.63	19.59		
10	16QAM	25	25	19.59	19.62	19.57		
10	16QAM	50	0	19.60	19.63	19.60		
10	64QAM	1	0	19.38	19.61	19.40	21	1.5
10	64QAM	1	25	19.48	19.48	19.41		
10	64QAM	1	49	19.38	19.42	19.30		
10	64QAM	25	0	18.50	18.55	18.47	20	2.5
10	64QAM	25	12	18.48	18.60	18.49		
10	64QAM	25	25	18.41	18.47	18.45		
10	64QAM	50	0	18.44	18.56	18.48		
10	256QAM	1	0	16.58	16.64	16.60	18	4.5
10	256QAM	1	25	16.58	16.66	16.58		
10	256QAM	1	49	16.41	16.53	16.53		
10	256QAM	25	0	16.54	16.58	16.61	18	4.5
10	256QAM	25	12	16.48	16.59	16.40		
10	256QAM	25	25	16.46	16.46	16.41		
10	256QAM	50	0	16.57	16.54	16.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.90	21.06	21.00	22.5	0
5	QPSK	1	12	20.86	20.89	20.91		
5	QPSK	1	24	20.73	20.97	20.81		
5	QPSK	12	0	20.64	20.78	20.73	22	0.5
5	QPSK	12	7	20.63	20.70	20.59		
5	QPSK	12	13	20.60	20.62	20.45		
5	QPSK	25	0	20.57	20.71	20.60		
5	16QAM	1	0	20.59	20.68	20.60	22	0.5
5	16QAM	1	12	20.47	20.60	20.49		
5	16QAM	1	24	20.53	20.54	20.50		
5	16QAM	12	0	19.50	19.66	19.55	21	1.5
5	16QAM	12	7	19.53	19.59	19.51		
5	16QAM	12	13	19.56	19.58	19.58		
5	16QAM	25	0	19.55	19.60	19.64		
5	64QAM	1	0	19.39	19.53	19.39	21	1.5
5	64QAM	1	12	19.36	19.46	19.43		
5	64QAM	1	24	19.36	19.43	19.35		
5	64QAM	12	0	18.49	18.55	18.41	20	2.5
5	64QAM	12	7	18.55	18.61	18.51		
5	64QAM	12	13	18

Band 38 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.41	22.53	22.49	23.4	0
20	QPSK	1	49	22.32	22.35	22.39		
20	QPSK	1	99	22.25	22.32	22.29		
20	QPSK	50	0	21.48	21.53	21.47	23	0.4
20	QPSK	50	24	21.36	21.45	21.40		
20	QPSK	50	50	21.31	21.41	21.31		
20	QPSK	100	0	21.37	21.48	21.34		
20	16QAM	1	0	21.32	21.38	21.36	23	0.4
20	16QAM	1	49	21.28	21.43	21.31		
20	16QAM	1	99	21.30	21.35	21.16		
20	16QAM	50	0	20.41	20.54	20.36	22	1.4
20	16QAM	50	24	20.34	20.39	20.33		
20	16QAM	50	50	20.20	20.37	20.29		
20	16QAM	100	0	20.39	20.40	20.42		
20	64QAM	1	0	20.28	20.41	20.40	22	1.4
20	64QAM	1	49	20.26	20.31	20.34		
20	64QAM	1	99	20.29	20.33	20.14		
20	64QAM	50	0	19.34	19.49	19.38	21	2.4
20	64QAM	50	24	19.41	19.46	19.29		
20	64QAM	50	50	19.26	19.45	19.30		
20	64QAM	100	0	19.34	19.43	19.44		
20	256QAM	1	0	17.42	17.47	17.34	19	4.4
20	256QAM	1	49	17.32	17.44	17.31		
20	256QAM	1	99	17.20	17.34	17.23		
20	256QAM	50	0	17.28	17.36	17.33	19	4.4
20	256QAM	50	24	17.20	17.40	17.27		
20	256QAM	50	50	17.18	17.27	17.12		
20	256QAM	100	0	17.30	17.35	17.17		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.26	22.49	22.41	23.4	0
15	QPSK	1	37	22.19	22.23	22.30		
15	QPSK	1	74	22.12	22.20	22.21		
15	QPSK	36	0	21.40	21.42	21.36	23	0.4
15	QPSK	36	20	21.25	21.35	21.31		
15	QPSK	36	39	21.20	21.36	21.17		
15	QPSK	75	0	21.23	21.42	21.29		
15	16QAM	1	0	21.27	21.28	21.25	23	0.4
15	16QAM	1	37	21.22	21.39	21.19		
15	16QAM	1	74	21.25	21.26	21.04		
15	16QAM	36	0	20.30	20.45	20.22	22	1.4
15	16QAM	36	20	20.19	20.28	20.30		
15	16QAM	36	39	20.17	20.22	20.16		
15	16QAM	75	0	20.35	20.26	20.38		
15	64QAM	1	0	20.13	20.35	20.37	22	1.4
15	64QAM	1	37	20.14	20.25	20.29		
15	64QAM	1	74	20.15	20.29	20.06		
15	64QAM	36	0	19.28	19.41	19.33	21	2.4
15	64QAM	36	20	19.36	19.36	19.24		
15	64QAM	36	39	19.21	19.36	19.26		
15	64QAM	75	0	19.27	19.36	19.31		
15	256QAM	1	0	17.34	17.40	17.24	19	4.4
15	256QAM	1	37	17.27	17.37	17.22		
15	256QAM	1	74	17.16	17.27	17.14		
15	256QAM	36	0	17.19	17.24	17.27	19	4.4
15	256QAM	36	20	17.16	17.33	17.13		
15	256QAM	36	39	17.15	17.12	17.03		
15	256QAM	75	0	17.16	17.30	17.07		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	22.29	22.47	22.41	23.4	0
10	QPSK	1	25	22.23	22.30	22.27		
10	QPSK	1	49	22.19	22.21	22.25		
10	QPSK	25	0	21.34	21.38	21.41	23	0.4
10	QPSK	25	12	21.28	21.36	21.32		
10	QPSK	25	25	21.17	21.37	21.25		
10	QPSK	50	0	21.32	21.44	21.27		
10	16QAM	1	0	21.23	21.26	21.30	23	0.4
10	16QAM	1	25	21.13	21.37	21.27		
10	16QAM	1	49	21.22	21.28	21.08		
10	16QAM	25	0	20.36	20.50	20.29	22	1.4
10	16QAM	25	12	20.28	20.28	20.27		
10	16QAM	25	25	20.11	20.29	20.20		
10	16QAM	50	0	20.33	20.29	20.34		
10	64QAM	1	0	20.14	20.36	20.29	22	1.4
10	64QAM	1	25	20.18	20.20	20.24		
10	64QAM	1	49	20.15	20.30	20.02		
10	64QAM	25	0	19.20	19.40	19.27	21	2.4
10	64QAM	25	12	19.33	19.32	19.25		
10	64QAM	25	25	19.16	19.32	19.22		
10	64QAM	50	0	19.24	19.30	19.36		
10	256QAM	1	0	17.37	17.41	17.21	19	4.4
10	256QAM	1	25	17.27	17.32	17.18		
10	256QAM	1	49	17.16	17.27	17.09		
10	256QAM	25	0	17.16	17.23	17.30	19	4.4
10	256QAM	25	12	17.13	17.31	17.14		
10	256QAM	25	25	17.10	17.20	17.09		
10	256QAM	50	0	17.18	17.27	17.10		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.26	22.40	22.42	23.4	0
5	QPSK	1	12	22.27	22.21	22.34		
5	QPSK	1	24	22.17	22.17	22.21		
5	QPSK	12	0	21.43	21.47	21.44	23	0.4
5	QPSK	12	7	21.30	21.39	21.30		
5	QPSK	12	13	21.20	21.36	21.22		
5	QPSK	25	0	21.30	21.44	21.19		
5	16QAM	1	0	21.27	21.30	21.27	23	0.4
5	16QAM	1	12	21.15	21.32	21.22		
5	16QAM	1	24	21.23	21.31	21.04		
5	16QAM	12	0	20.36	20.40	20.32	22	1.4
5	16QAM	12	7	20.28	20.30	20.20		
5	16QAM	12	13	20.11	20.29	20.15		
5	16QAM	25	0	20.35	20.31	20.29		
5	64QAM	1	0	20.21	20.28	20.27	22	1.4
5	64QAM	1	12	20.16	20.22	20.23		
5	64QAM	1	24	20.25	20.28	20.07		
5	64QAM	12	0	19.28	19.35	19.27	21	2.4
5	64QAM	12	7	19.38	19.39	19.20		
5	64QAM	12	13	19.23	19.35	19.19		
5	64QAM	25	0	19.24	19.29	19.31		
5	256QAM	1	0	17.30	17.33	17.22	19	4.4
5	256QAM	1	12	17.23	17.35	17.25		
5	256QAM	1	24	17.05	17.29	17.19		
5	256QAM	12	0	17.13	17.30	17.29	19	4.4
5	256QAM	12	7	17.13	17.30	17.21		
5	256QAM	12	13	17.09	17.18	17.06		
5	256QAM	25	0	17.15	17.31	17.06		

Band 41 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.54	22.62	22.69	22.51	22.48	23.4	0
20	QPSK	1	49	22.50	22.59	22.64	22.46	22.43		
20	QPSK	1	99	22.52	22.51	22.57	22.38	22.35		
20	QPSK	50	0	21.54	21.57	21.64	21.55	21.44	23	0.4
20	QPSK	50	24	21.50	21.45	21.59	21.47	21.43		
20	QPSK	50	50	21.38	21.47	21.52	21.42	21.31		
20	QPSK	100	0	21.50	21.45	21.58	21.43	21.39		
20	16QAM	1	0	21.40	21.46	21.53	21.38	21.40	23	0.4
20	16QAM	1	49	21.42	21.33	21.48	21.36	21.33		
20	16QAM	1	99	21.37	21.30	21.41	21.26	21.22		
20	16QAM	50	0	20.54	20.53	20.62	20.46	20.38	22	1.4
20	16QAM	50	24	20.43	20.43	20.57	20.45	20.40		
20	16QAM	50	50	20.41	20.37	20.50	20.31	20.32		
20	16QAM	100	0	20.53	20.51	20.57	20.39	20.37		
20	64QAM	1	0	20.38	20.40	20.51	20.31	20.35	22	1.4
20	64QAM	1	49	20.39	20.35	20.46	20.29	20.32		
20	64QAM	1	99	20.28	20.29	20.39	20.21	20.21		
20	64QAM	50	0	19.48	19.58	19.63	19.53	19.38	21	2.4
20	64QAM	50	24	19.43	19.51	19.58	19.39	19.41		
20	64QAM	50	50	19.37	19.40	19.51	19.34	19.28		
20	64QAM	100	0	19.52	19.42	19.56	19.39	19.39		
20	256QAM	1	0	17.54	17.62	17.66	17.49	17.44	19	4.4
20	256QAM	1	49	17.54	17.54	17.61	17.52	17.38		
20	256QAM	1	99	17.42	17.43	17.54	17.45	17.33		
20	256QAM	50	0	17.48	17.59	17.62	17.52	17.45	19	4.4
20	256QAM	50	24	17.44	17.47	17.57	17.45	17.42		
20	256QAM	50	50	17.46	17.42	17.50	17.36	17.33		
20	256QAM	100	0	17.38	17.36	17.48	17.32	17.31		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	22.42	22.52	22.63	22.43	22.40	23.40	0
15	QPSK	1	37	22.45	22.54	22.54	22.41	22.31		
15	QPSK	1	74	22.40	22.40	22.48	22.29	22.22		
15	QPSK	36	0	21.45	21.53	21.49	21.43	21.36	23	0.4
15	QPSK	36	20	21.45	21.38	21.53	21.41	21.30		
15	QPSK	36	39	21.25	21.36	21.40	21.35	21.27		
15	QPSK	75	0	21.42	21.32	21.45	21.37	21.34		
15	16QAM	1	0	21.28	21.39	21.40	21.26	21.27	23	0.4
15	16QAM	1	37	21.37	21.19	21.37	21.25	21.23		
15	16QAM	1	74	21.23	21.20	21.29	21.20	21.14		
15	16QAM	36	0	20.48	20.40	20.59	20.42	20.24	22	1.4
15	16QAM	36	20	20.29	20.29	20.46	20.41	20.26		
15	16QAM	36	39	20.31	20.32	20.41	20.21	20.26		
15	16QAM	75	0	20.43	20.43	20.49	20.28	20.33		
15	64QAM	1	0	20.33	20.37	20.45	20.20	20.29	22	1.4
15	64QAM	1	37	20.33	20.24	20.36	20.20	20.21		
15	64QAM	1	74	20.16	20.15	20.30	20.13	20.12		
15	64QAM	36	0	19.42	19.44	19.57	19.39	19.31	21	2.4
15	64QAM	36	20	19.37	19.44	19.51	19.31	19.36		
15	64QAM	36	39	19.32	19.33	19.47	19.20	19.13		
15	64QAM	75	0	19.43	19.33	19.43	19.35	19.32		
15	256QAM	1	0	17.43	17.55	17.55	17.43	17.34	19	4.4
15	256QAM	1	37	17.45	17.46	17.56	17.39	17.34		
15	256QAM	1	74	17.30	17.39	17.48	17.35	17.22		
15	256QAM	36	0	17.34	17.53	17.49	17.43	17.38	19	4.4
15	256QAM	36	20	17.31	17.36	17.53	17.33	17.32		
15	256QAM	36	39	17.41	17.37	17.44	17.24	17.26		
15	256QAM	75	0	17.24	17.29	17.40	17.19	17.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	22.40	22.58	22.57	22.38	22.37	23.40	0
10	QPSK	1	25	22.43	22.44	22.51	22.32	22.35		
10	QPSK	1	49	22.47	22.39	22.42	22.35	22.22		
10	QPSK	25	0	21.49	21.43	21.59	21.44	21.37	23	0.4
10	QPSK	25	12	21.41	21.36	21.46	21.37	21.35		
10	QPSK	25	25	21.26	21.36	21.48	21.33	21.16		
10	QPSK	50	0	21.44	21.39	21.46	21.29	21.25		
10	16QAM	1	0	21.36	21.42	21.39	21.35	21.33	23	0.4
10	16QAM	1	25	21.36	21.22	21.34	21.28	21.29		
10	16QAM	1	49	21.33	21.18	21.34	21.21	21.18		
10	16QAM	25	0	20.40	20.41	20.48	20.34	20.30	22	1.4
10	16QAM	25	12	20.38	20.33	20.54	20.32	20.32		
10	16QAM	25	25	20.30	20.24	20.35	20.26	20.19		
10	16QAM	50	0	20.38	20.47	20.47	20.35	20.32		
10	64QAM	1	0	20.26	20.27	20.38	20.20	20.23	22	1.4
10	64QAM	1	25	20.29	20.21	20.41	20.17	20.27		
10	64QAM	1	49	20.16	20.24	20.28	20.17	20.14		
10	64QAM	25	0	19.35	19.51	19.55	19.43	19.35	21	2.4
10	64QAM	25	12	19.40	19.45	19.45	19.24	19.29		
10	64QAM	25	25	19.29	19.28	19.39	19.27	19.14		
10	64QAM	50	0	19.40	19.37	19.42	19.28	19.29		
10	256QAM	1	0	17.48	17.52	17.58	17.36	17.30	19	4.4
10	256QAM	1	25	17.45	17.43	17.55	17.49	17.24		
10	256QAM	1	49	17.31	17.30	17.47	17.34	17.29		
10	256QAM	25	0	17.36	17.54	17.51	17.39	17.34	19	4.4
10	256QAM	25	12	17.39	17.39	17.54	17.41	17.31		
10	256QAM	25	25	17.32	17.32	17.36	17.24	17.25		
10	256QAM	50	0	17.34	17.31	17.41	17.19	17.19		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	22.48	22.56	22.66	22.43	22.41	23.40	0
5	QPSK	1	12	22.40	22.55	22.54	22.35	22.29		
5	QPSK	1	24	22.41	22.44	22.54	22.32	22.30		
5	QPSK	12	0	21.40	21.48	21.58	21.44	21.33	23	0.4
5	QPSK	12	7	21.45	21.39	21.50	21.43	21.32		
5	QPSK	12	13	21.25	21.33	21.42	21.37	21.21		
5	QPSK	25	0	21.43	21.41	21.52	21.36	21.24		
5	16QAM	1	0	21.27	21.33	21.38	21.29	21.25	23	0.4
5	16QAM	1	12	21.33	21.26	21.43	21.29	21.22		
5	16QAM	1	24	21.25	21.17	21.29	21.18	21.13		
5	16QAM	12	0	20.42	20.45	20.56	20.33	20.31	22	1.4
5	16QAM	12	7	20.34	20.33	20.44	20.36	20.28		
5	16QAM	12	13	20.32	20.26	20.39	20.27	20.18		
5	16QAM	25	0	20.48	20.37	20.47	20.35	20.26		
5	64QAM	1	0	20.34	20.35	20.44	20.21	20.27	22	1.4
5	64QAM	1	12	20.24	20.26	20.37	20.25	20.24		
5	64QAM	1	24	20.14	20.24	20.31	20.11	20.17		
5	64QAM	12	0	19.41	19.45	19.54	19.43	19.31	21	2.4
5	64QAM	12	7	19.29	19.45	19.49	19.24	19.34		
5	64QAM	12	13	19.32	19.36	19.46	19.21	19.19		
5	64QAM	25	0	19.42	19.38	19.46	19.31	19.34		
5	256QAM	1	0	17.39	17.47	17.58	17.43	17.40	19	4.4
5	256QAM	1	12	17.45	17.46	17.54	17.47	17.35		
5	256QAM	1	24	17.28	17.28	17.43	17.37	17.28		
5	256QAM	12	0	17.36	17.50	17.57	17.46	17.30	19	4.4
5	256QAM	12	7	17.35	17.43	17.50	17.33	17.34		
5	256QAM	12	13	17.32	17.36	17.42	17.32	17.27		
5	256QAM	25	0	17.25	17.31	17.35	17.19	17.16		

Band 41 HPUE Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.04	24.01	24.13	23.94	24.10	25	0
20	QPSK	1	49	23.87	23.86	24.04	23.92	23.98		
20	QPSK	1	99	23.79	23.78	23.94	23.73	23.96		
20	QPSK	50	0	23.93	23.96	24.10	23.90	23.99	25	0
20	QPSK	50	24	23.81	23.80	23.97	23.77	23.83		
20	QPSK	50	50	23.71	23.62	23.88	23.66	23.85		
20	QPSK	100	0	23.98	23.98	24.03	23.77	23.97		
20	16QAM	1	0	23.80	23.82	23.91	23.87	23.89	25	0
20	16QAM	1	49	23.71	23.69	23.86	23.61	23.87		
20	16QAM	1	99	23.71	23.61	23.82	23.56	23.87		
20	16QAM	50	0	23.73	23.81	24.01	23.78	23.91	25	0
20	16QAM	50	24	23.95	23.85	24.02	23.90	24.03		
20	16QAM	50	50	23.75	23.76	23.93	23.84	23.96		
20	16QAM	100	0	23.71	23.71	23.90	23.63	23.84		
20	64QAM	1	0	23.92	23.88	24.09	23.89	23.99	25	0
20	64QAM	1	49	23.78	23.72	23.99	23.87	23.94		
20	64QAM	1	99	23.71	23.68	23.79	23.62	23.85		
20	64QAM	50	0	23.97	23.87	24.07	23.90	23.98	25	0
20	64QAM	50	24	23.94	23.84	24.02	23.79	24.07		
20	64QAM	50	50	23.83	23.72	23.98	23.87	23.92		
20	64QAM	100	0	23.76	23.69	23.80	23.70	23.82		
20	256QAM	1	0	21.51	21.49	21.68	21.44	21.58	23	2
20	256QAM	1	49	21.43	21.41	21.61	21.42	21.52		
20	256QAM	1	99	21.30	21.36	21.55	21.41	21.51		
20	256QAM	50	0	21.37	21.38	21.52	21.34	21.45	23	2
20	256QAM	50	24	21.27	21.23	21.46	21.24	21.39		
20	256QAM	50	50	21.23	21.26	21.41	21.20	21.35		
20	256QAM	100	0	21.10	21.12	21.34	21.15	21.24		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	23.97	23.96	24.02	23.81	23.94	25.00	0
15	QPSK	1	37	23.82	23.79	23.89	23.85	23.93		
15	QPSK	1	74	23.70	23.72	23.85	23.60	23.87		
15	QPSK	36	0	23.90	23.90	23.93	23.85	23.87	25	0
15	QPSK	36	20	23.63	23.73	23.88	23.69	23.76		
15	QPSK	36	39	23.66	23.44	23.81	23.56	23.71		
15	QPSK	75	0	23.92	23.90	23.98	23.60	23.86		
15	16QAM	1	0	23.70	23.79	23.82	23.84	23.78	25	0
15	16QAM	1	37	23.55	23.59	23.76	23.49	23.69		
15	16QAM	1	74	23.64	23.53	23.65	23.45	23.75		
15	16QAM	36	0	23.57	23.69	23.98	23.69	23.81	25	0
15	16QAM	36	20	23.79	23.71	23.88	23.76	23.86		
15	16QAM	36	39	23.64	23.64	23.87	23.72	23.86		
15	16QAM	75	0	23.55	23.58	23.76	23.50	23.81		
15	64QAM	1	0	23.89	23.76	24.03	23.73	23.89	25	0
15	64QAM	1	37	23.69	23.55	23.92	23.83	23.71		
15	64QAM	1	74	23.68	23.54	23.71	23.57	23.71		
15	64QAM	36	0	23.88	23.70	23.94	23.77	23.85	25	0
15	64QAM	36	20	23.84	23.72	23.84	23.76	23.94		
15	64QAM	36	39	23.76	23.59	23.91	23.72	23.77		
15	64QAM	75	0	23.70	23.60	23.77	23.58	23.67		
15	256QAM	1	0	21.44	21.44	21.54	21.33	21.45	23	2
15	256QAM	1	37	21.29	21.29	21.56	21.28	21.46		
15	256QAM	1	74	21.25	21.29	21.52	21.31	21.41		
15	256QAM	36	0	21.28	21.27	21.39	21.26	21.30	23	2
15	256QAM	36	20	21.12	21.14	21.34	21.18	21.27		
15	256QAM	36	39	21.14	21.22	21.37	21.12	21.30		
15	256QAM	75	0	21.06	21.19	21.21	21.00	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.92	23.87	23.98	23.77	23.95	25.00	0
10	QPSK	1	25	23.80	23.80	23.95	23.78	23.86		
10	QPSK	1	49	23.76	23.70	23.85	23.66	23.84		
10	QPSK	25	0	23.87	23.85	23.95	23.73	23.91	25	0
10	QPSK	25	12	23.64	23.75	23.89	23.67	23.87		
10	QPSK	25	25	23.63	23.57	23.77	23.57	23.74		
10	QPSK	50	0	23.87	23.85	23.91	23.66	23.87		
10	16QAM	1	0	23.62	23.68	23.87	23.76	23.85	25	0
10	16QAM	1	25	23.65	23.61	23.79	23.54	23.82		
10	16QAM	1	49	23.57	23.52	23.70	23.44	23.79		
10	16QAM	25	0	23.66	23.64	23.89	23.65	23.79	25	0
10	16QAM	25	12	23.60	23.67	23.89	23.76	23.99		
10	16QAM	25	25	23.67	23.61	23.77	23.74	23.92		
10	16QAM	50	0	23.60	23.68	23.73	23.52	23.76		
10	64QAM	1	0	23.88	23.83	24.04	23.85	23.82	25	0
10	64QAM	1

Band 42 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3600	3740		
20	QPSK	1	0	21.65	21.71	21.61		
20	QPSK	1	49	21.64	21.59	21.59	22.7	0
20	QPSK	1	99	21.59	21.60	21.53		
20	QPSK	50	0	21.62	21.68	21.50		
20	QPSK	50	24	21.48	21.48	21.47	22.7	0
20	QPSK	50	50	21.56	21.51	21.39		
20	QPSK	100	0	21.50	21.55	21.52		
20	16QAM	1	0	21.48	21.54	21.54		
20	16QAM	1	49	21.52	21.43	21.49	22.7	0
20	16QAM	1	99	21.50	21.44	21.50		
20	16QAM	50	0	21.52	21.66	21.59		
20	16QAM	50	24	21.53	21.51	21.48	22	0.7
20	16QAM	50	50	21.44	21.54	21.49		
20	16QAM	100	0	21.46	21.58	21.47		
20	64QAM	1	0	21.45	21.53	21.48		
20	64QAM	1	49	21.38	21.48	21.44	22	0.7
20	64QAM	1	99	21.36	21.41	21.37		
20	64QAM	50	0	20.56	20.60	20.53		
20	64QAM	50	24	20.50	20.55	20.50	21	1.7
20	64QAM	50	50	20.40	20.48	20.34		
20	64QAM	100	0	20.43	20.55	20.40		
20	256QAM	1	0	18.46	18.51	18.42		
20	256QAM	1	49	18.35	18.46	18.36	19	3.7
20	256QAM	1	99	18.28	18.39	18.30		
20	256QAM	50	0	18.40	18.46	18.34		
20	256QAM	50	24	18.27	18.41	18.20	19	3.7
20	256QAM	50	50	18.29	18.34	18.21		
20	256QAM	100	0	18.37	18.40	18.34		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3600	3742.5	(dBm)	(dB)
15	QPSK	1	0	21.51	21.62	21.49		
15	QPSK	1	37	21.47	21.48	21.42	22.7	0
15	QPSK	1	74	21.54	21.47	21.38		
15	QPSK	36	0	21.49	21.54	21.32		
15	QPSK	36	20	21.31	21.30	21.36	22.7	0
15	QPSK	36	39	21.45	21.43	21.25		
15	QPSK	75	0	21.47	21.45	21.40		
15	16QAM	1	0	21.43	21.42	21.40		
15	16QAM	1	37	21.38	21.40	21.39	22.7	0
15	16QAM	1	74	21.41	21.37	21.39		
15	16QAM	36	0	21.47	21.54	21.51		
15	16QAM	36	20	21.43	21.56	21.41	22	0.7
15	16QAM	36	39	21.36	21.45	21.34		
15	16QAM	75	0	21.39	21.44	21.41		
15	64QAM	1	0	21.40	21.40	21.36		
15	64QAM	1	37	21.27	21.36	21.30	22	0.7
15	64QAM	1	74	21.25	21.37	21.27		
15	64QAM	36	0	20.43	20.56	20.40		
15	64QAM	36	20	20.43	20.41	20.38	21	1.7
15	64QAM	36	39	20.35	20.35	20.25		
15	64QAM	75	0	20.34	20.46	20.35		
15	256QAM	1	0	18.40	18.46	18.28		
15	256QAM	1	37	18.26	18.32	18.22	19	3.7
15	256QAM	1	74	18.22	18.35	18.23		
15	256QAM	36	0	18.31	18.43	18.30		
15	256QAM	36	20	18.17	18.29	18.13	19	3.7
15	256QAM	36	39	18.18	18.25	18.14		
15	256QAM	75	0	18.32	18.32	18.23		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3600	3745	(dBm)	(dB)
10	QPSK	1	0	21.56	21.58	21.43		
10	QPSK	1	25	21.60	21.53	21.43	22.7	0
10	QPSK	1	49	21.51	21.47	21.39		
10	QPSK	25	0	21.52	21.53	21.34		
10	QPSK	25	12	21.41	21.38	21.32	22.7	0
10	QPSK	25	25	21.49	21.44	21.30		
10	QPSK	50	0	21.46	21.38	21.39		
10	16QAM	1	0	21.31	21.40	21.37		
10	16QAM	1	25	21.42	21.28	21.43	22.7	0
10	16QAM	1	49	21.37	21.38	21.37		
10	16QAM	25	0	21.37	21.61	21.45		
10	16QAM	25	12	21.42	21.50	21.40	22	0.7
10	16QAM	25	25	21.35	21.42	21.45		
10	16QAM	50	0	21.34	21.51	21.34		
10	64QAM	1	0	21.33	21.47	21.35		
10	64QAM	1	25	21.24	21.37	21.29	22	0.7
10	64QAM	1	49	21.30	21.27	21.33		
10	64QAM	25	0	20.42	20.48	20.43		
10	64QAM	25	12	20.42	20.41	20.42	21	1.7
10	64QAM	25	25	20.30	20.34	20.26		
10	64QAM	50	0	20.33	20.50	20.29		
10	256QAM	1	0	18.40	18.43	18.39		
10	256QAM	1	25	18.25	18.35	18.29	19	3.7
10	256QAM	1	49	18.15	18.33	18.24		
10	256QAM	25	0	18.32	18.39	18.24		
10	256QAM	25	12	18.19	18.32	18.15	19	3.7
10	256QAM	25	25	18.16	18.26	18.15		
10	256QAM	50	0	18.34	18.32	18.31		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3600	3747.5	(dBm)	(dB)
5	QPSK	1	0	21.59	21.56	21.56		
5	QPSK	1	12	21.53	21.55	21.43	22.7	0
5	QPSK	1	24	21.46	21.54	21.36		
5	QPSK	12	0	21.57	21.52	21.40		
5	QPSK	12	7	21.35	21.37	21.35	22.7	0
5	QPSK	12	13	21.51	21.38	21.37		
5	QPSK	25	0	21.38	21.52	21.37		
5	16QAM	1	0	21.46	21.45	21.47		
5	16QAM	1	12	21.34	21.29	21.37	22.7	0
5	16QAM	1	24	21.42	21.36	21.38		
5	16QAM	12	0	21.48	21.53	21.50		
5	16QAM	12	7	21.45	21.48	21.41	22	0.7
5	16QAM	12	13	21.35	21.41	21.35		
5	16QAM	25	0	21.39	21.47	21.41		
5	64QAM	1	0	21.39	21.48	21.43		
5	64QAM	1	12	21.35	21.41	21.40	22	0.7
5	64QAM	1	24	21.27	21.29	21.27		
5	64QAM	12	0	20.50	20.47	20.47		
5	64QAM	12	7	20.47	20.42	20.37	21	1.7
5	64QAM	12	13	20.25	20.34	20.25		
5	64QAM	25	0	20.38	20.43	20.32		
5	256QAM	1	0	18.40	18.43	18.29		
5	256QAM	1	12	18.30	18.32	18.27	19	3.7
5	256QAM	1	24	18.18	18.29	18.26		
5	256QAM	12	0	18.28	18.32	18.24		
5	256QAM	12	7	18.12	18.36	18.07	19	3.7
5	256QAM	12	13	18.17	18.30	18.12		
5	256QAM	25	0	18.23	18.30	18.19		

Band 42 Part 96 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3660	3675	3690		
20	QPSK	1	0	21.58	21.65	21.55		
20	QPSK	1	49	21.60	21.55	21.46	22.7	0
20	QPSK	1	99	21.50	21.51	21.39		
20	QPSK	50	0	21.58	21.63	21.40		
20	QPSK	50	24	21.32	21.32	21.39	22.7	0
20	QPSK	50	50	21.47	21.38	21.37		
20	QPSK	100	0	21.46	21.50	21.39		
20	16QAM	1	0	21.36	21.45	21.43		
20	16QAM	1	49	21.46	21.34	21.32	22.7	0
20	16QAM	1	99	21.36	21.33	21.37		
20	16QAM	50	0	21.50	21.51	21.54		
20	16QAM	50	24	21.37	21.48	21.43	22	0.7
20	16QAM	50	50	21.33	21.42	21.40		
20	16QAM	100	0	21.40	21.44	21.39		
20	64QAM	1	0	21.37	21.46	21.36		
20	64QAM	1	49	21.29	21.39	21.39	22	0.7
20	64QAM	1	99	21.34	21.39	21.23		
20	64QAM	50	0	20.45	20.57	20.37		
20	64QAM	50	24	20.37	20.41	20.40	21	1.7
20	64QAM	50	50	20.35	20.35	20.33		
20	64QAM	100	0	20.32	20.41	20.27		
20	256QAM	1	0	18.38	18.36	18.37		
20	256QAM	1	49	18.26	18.40	18.30	19	3.7
20	256QAM	1	99	18.12	18.34	18.23		
20	256QAM	50	0	18.25	18.31	18.18		
20	256QAM	50	24	18.24	18.35	18.07	19	3.7
20	256QAM	50	50	18.14	18.32	18.10		
20	256QAM	100	0	18.29	18.35	18.20		
Channel				43165	43340	43515	Tune-up limit	MPR
Frequency (MHz)				3657.5	3675	3692.5	(dBm)	(dB)
15	QPSK	1	0	21.46	21.60	21.48		
15	QPSK	1	37	21.51	21.38	21.32	22.7	0
15	QPSK	1	74	21.45	21.47	21.29		
15	QPSK	36	0	21.49	21.48	21.34		
15	QPSK	36	20	21.20	21.30	21.23	22.7	0
15	QPSK	36	39	21.35	21.22	21.23		
15	QPSK	75	0	21.36	21.45	21.27		
15	16QAM	1	0	21.27	21.41	21.33		
15	16QAM	1	37	21.38	21.30	21.20	22.7	0
15	16QAM	1	74	21.27	21.29	21.21		
15	16QAM	36	0	21.37	21.34	21.48		
15	16QAM	36	20	21.34	21.35	21.31	22	0.7
15	16QAM	36	39	21.18	21.29	21.38		
15	16QAM	75	0	21.26	21.42	21.34		
15	64QAM	1	0	21.30	21.36	21.22		
15	64QAM	1	37	21.28	21.32	21.29	22	0.7
15	64QAM	1	74	21.28	21.28	21.17		
15	64QAM	36	0	20.42	20.44	20.23		
15	64QAM	36	20	20.30	20.30	20.28	21	1.7
15	64QAM	36	39	20.23	20.20	20.22		
15	64QAM	75	0	20.23	20.40	20.12		
15	256QAM	1	0	18.32	18.19	18.24		
15	256QAM	1	37	18.12	18.28	18.19	19	3.7
15	256QAM	1	74	18.04	18.31	18.07		
15	256QAM	36	0	18.14	18.20	18.15		
15	256QAM	36	20	18.09	18.32	17.98	19	3.7
15	256QAM	36	39	18.01	18.20	17.97		
15	256QAM	75	0	18.28	18.23	18.12		
Channel				43140	43340	43540	Tune-up limit	MPR
Frequency (MHz)				3655	3675	3695	(dBm)	(dB)
10	QPSK	1	0	21.51	21.53	21.44		
10	QPSK	1	25	21.53	21.44	21.33	22.7	0
10	QPSK	1	49	21.38	21.43	21.29		
10	QPSK	25	0	21.56	21.49	21.27		
10	QPSK	25	12	21.26	21.22	21.23	22.7	0
10	QPSK	25	25	21.44	21.31	21.30		
10	QPSK	50	0	21.45	21.40	21.33		
10	16QAM	1	0	21.23	21.37	21.40		
10	16QAM	1	25	21.31	21.27	21.27	22.7	0
10	16QAM	1	49	21.23	21.25	21.20		
10	16QAM	25	0	21.46	21.46	21.47		
10	16QAM	25	12	21.33	21.39	21.29	22	0.7
10	16QAM	25	25	21.16	21.31	21.27		
10	16QAM	50	0	21.25	21.40	21.26		
10	64QAM	1	0	21.20	21.44	21.32		
10	64QAM	1	25	21.26	21.23	21.27	22	0.7
10	64QAM	1	49	21.19	21.36	21.16		
10	64QAM	25	0	20.30	20.42	20.33		
10	64QAM	25	12	20.24	20.36	20.27	21	1.7
10	64QAM	25	25	20.19	20.31	20.27		
10	64QAM	50	0	20.29	20.25	20.14		
10	256QAM	1	0	18.27	18.32	18.33		
10	256QAM	1	25	18.20	18.37	18.25	19	3.7
10	256QAM	1	49	18.06	18.27	18.09		
10	256QAM	25	0	18.08	18.23	18.12		
10	256QAM	25	12	18.12	18.25	18.03	19	3.7
10	256QAM	25	25	18.03	18.30	18.06		
10	256QAM	50	0	18.27	18.21	18.17		
Channel				43115	43340	43565	Tune-up limit	MPR
Frequency (MHz)				3652.5	3675	3697.5	(dBm)	(dB)
5	QPSK	1	0	21.57	21.64	21.43		
5	QPSK	1	12	21.56	21.50	21.43	22.7	0
5	QPSK	1	24	21.34	21.39	21.33		
5	QPSK	12	0	21.51	21.54	21.33		
5	QPSK	12	7	21.30	21.17	21.30	22.7	0
5	QPSK	12	13	21.36	21.24	21.26		
5	QPSK	25	0	21.37	21.39	21.24		
5	16QAM	1	0	21.32	21.32	21.35		
5	16QAM	1	12	21.40	21.30	21.23	22.7	0
5	16QAM	1	24	21.23	21.25	21.25		
5	16QAM	12	0	21.45	21.44	21.43		
5	16QAM	12	7	21.21	21.39	21.34	22	0.7
5	16QAM	12	13	21.21	21.31	21.37		
5	16QAM	25	0	21.24	21.41	21.37		
5	64QAM	1	0	21.23	21.40	21.21		
5	64QAM	1	12	21.16	21.27	21.29	22	0.7
5	64QAM	1	24	21.23	21.25	21.14		
5	64QAM	12	0	20.44	20.41	20.34		
5	64QAM	12	7	20.27	20.35	20.29	21	1.7
5	64QAM	12	13	20.32	20.24	20.26		
5	64QAM	25	0	20.25	20.40	20.10		
5	256QAM	1	0	18.33	18.32	18.33		
5	256QAM	1	12	18.25	18.35	18.24	19	3.7
5	256QAM	1	24	18.03	18.27	18.07		
5	256QAM	12	0	18.11	18.17	18.12		
5	256QAM	12	7	18.22	18.23	17.97	19	3.7
5	256QAM	12	13	18.09	18.16	18.04		
5	256QAM	25	0	18.26	18.27	18.08		

Band 43 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3810	3850	3890		
20	QPSK	1	0	21.35	21.50	21.45		
20	QPSK	1	49	21.22	21.47	21.36	22.7	0
20	QPSK	1	99	21.39	21.49	21.32		
20	QPSK	50	0	21.22	21.43	21.21		
20	QPSK	50	24	21.24	21.33	21.18	22.7	0
20	QPSK	50	50	21.11	21.34	21.17		
20	QPSK	100	0	21.17	21.32	21.22		
20	16QAM	1	0	21.15	21.37	21.19		
20	16QAM	1	49	21.25	21.48	21.23	22.7	0
20	16QAM	1	99	21.06	21.33	21.20		
20	16QAM	50	0	21.13	21.44	21.17		
20	16QAM	50	24	21.12	21.34	21.12	22	0.7
20	16QAM	50	50	21.23	21.38	21.24		
20	16QAM	100	0	21.06	21.40	21.18		
20	64QAM	1	0	21.29	21.49	21.39		
20	64QAM	1	49	21.33	21.32	21.32	22	0.7
20	64QAM	1	99	21.31	21.38	21.25		
20	64QAM	50	0	20.46	20.53	20.40		
20	64QAM	50	24	20.37	20.48	20.41	21	1.7
20	64QAM	50	50	20.34	20.41	20.26		
20	64QAM	100	0	20.43	20.48	20.36		
20	256QAM	1	0	18.35	18.44	18.29		
20	256QAM	1	49	18.29	18.39	18.35	19	3.7
20	256QAM	1	99	18.19	18.32	18.19		
20	256QAM	50	0	18.34	18.37	18.31		
20	256QAM	50	24	18.25	18.32	18.19	19	3.7
20	256QAM	50	50	18.12	18.25	18.17		
20	256QAM	100	0	18.27	18.32	18.21		
Channel				43665	44090	44515	Tune-up limit	MPR
Frequency (MHz)				3807.5	3850	3892.5	(dBm)	(dB)
15	QPSK	1	0	21.21	21.35	21.28		
15	QPSK	1	37	21.07	21.35	21.22	22.7	0
15	QPSK	1	74	21.29	21.36	21.16		
15	QPSK	36	0	21.11	21.31	21.09		
15	QPSK	36	20	21.13	21.26	21.06	22.7	0
15	QPSK	36	39	20.95	21.31	21.06		
15	QPSK	75	0	21.01	21.18	21.18		
15	16QAM	1	0	21.02	21.25	21.12		
15	16QAM	1	37	21.10	21.35	21.07	22.7	0
15	16QAM	1	74	20.99	21.19	21.09		
15	16QAM	36	0	21.03	21.37	21.03		
15	16QAM	36	20	21.02	21.30	20.98	22	0.7
15	16QAM	36	39	21.08	21.35	21.17		
15	16QAM	75	0	20.89	21.25	21.11		
15	64QAM	1	0	21.13	21.34	21.27		
15	64QAM	1	37	21.16	21.16	21.22	22	0.7
15	64QAM	1	74	21.19	21.35	21.07		
15	64QAM	36	0	20.35	20.44	20.30		
15	64QAM	36	20	20.29	20.41	20.34	21	1.7
15	64QAM	36	39	20.30	20.36	20.22		
15	64QAM	75	0	20.39	20.42	20.27		
15	256QAM	1	0	18.23	18.30	18.26		
15	256QAM	1	37	18.22	18.24	18.25	19	3.7
15	256QAM	1	74	18.04	18.24	18.15		
15	256QAM	36	0	18.26	18.28	18.21		
15	256QAM	36	20	18.21	18.22	18.05	19	3.7
15	256QAM	36	39	18.03	18.21	18.11		
15	256QAM	75	0	18.13	18.28	18.09		
Channel				43640	44090	44540	Tune-up limit	MPR
Frequency (MHz)				3805	3850	3895	(dBm)	(dB)
10	QPSK	1	0	21.29	21.45	21.35		
10	QPSK	1	25	21.13	21.29	21.32	22.7	0
10	QPSK	1	49	21.33	21.41	21.21		
10	QPSK	25	0	21.16	21.40	21.16		
10	QPSK	25	12	21.10	21.17	21.05	22.7	0
10	QPSK	25	25	21.04	21.19	21.14		
10	QPSK	50	0	21.07	21.26	21.07		
10	16QAM	1	0	20.99	21.20	21.11		
10	16QAM	1	25	21.08	21.41	21.16	22.7	0
10	16QAM	1	49	20.97	21.29	21.06		
10	16QAM	25	0	21.04	21.29	21.05		
10	16QAM	25	12	21.03	21.31	21.09	22	0.7
10	16QAM	25	25	21.18	21.27	21.16		
10	16QAM	50	0	21.01	21.29	21.02		
10	64QAM	1	0	21.16	21.45	21.34		
10	64QAM	1	25	21.16	21.18	21.21	22	0.7
10	64QAM	1	49	21.20	21.22	21.22		
10	64QAM	25	0	20.32	20.40	20.35		
10	64QAM	25	12	20.33	20.40	20.30	21	1.7
10	64QAM	25	25	20.25	20.35	20.13		
10	64QAM	50	0	20.34	20.40	20.27		
10	256QAM	1	0	18.30	18.34	18.19		
10	256QAM	1	25	18.23	18.31	18.31	19	3.7
10	256QAM	1	49	18.09	18.18	18.04		
10	256QAM	25	0	18.29	18.23	18.20		
10	256QAM	25	12	18.16	18.29	18.10	19	3.7
10	256QAM	25	25	18.05	18.18	18.14		
10	256QAM	50	0	18.20	18.18	18.12		
Channel				43615	44090	44565	Tune-up limit	MPR
Frequency (MHz)				3802.5	3850	3897.5	(dBm)	(dB)
5	QPSK	1	0	21.19	21.45	21.31		
5	QPSK	1	12	21.11	21.43	21.30	22.7	0
5	QPSK	1	24	21.26	21.37	21.21		
5	QPSK	12	0	21.15	21.29	21.19		
5	QPSK	12	7	21.09	21.23	21.00	22.7	0
5	QPSK	12	13	21.03	21.31	21.04		
5	QPSK	25	0	21.15	21.20	21.10		
5	16QAM	1	0	20.99	21.20	21.08		
5	16QAM	1	12	21.16	21.39	21.06	22.7	0
5	16QAM	1	24	21.00	21.28	21.17		
5	16QAM	12	0	21.00	21.28	21.03		
5	16QAM	12	7	20.99	21.23	21.06	22	0.7
5	16QAM	12	13	21.21	21.26	21.08		
5	16QAM	25	0	20.96	21.28	21.14		
5	64QAM	1	0	21.12	21.45	21.34		
5	64QAM	1	12	21.26	21.15	21.26	22	0.7
5	64QAM	1	24	21.13	21.32	21.12		
5	64QAM	12	0	20.32	20.47	20.26		
5	64QAM	12	7	20.28	20.44	20.27	21	1.7
5	64QAM	12	13	20.20	20.35	20.17		
5	64QAM	25	0	20.31	20.42	20.25		
5	256QAM	1	0	18.30	18.35	18.15		
5	256QAM	1	12	18.22	18.30	18.29	19	3.7
5	256QAM	1	24	18.06	18.29	18.07		
5	256QAM	12	0	18.28	18.26	18.27		
5	256QAM	12	7	18.13	18.23	18.10	19	3.7
5	256QAM	12	13	18.03	18.12	18.06		
5	256QAM	25	0	18.15	18.20	18.15		

Band 48 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.47	21.59	21.50	21.40	22.7	0
20	QPSK	1	49	21.33	21.53	21.39	21.20		
20	QPSK	1	99	21.43	21.52	21.41	21.37		
20	QPSK	50	0	21.35	21.51	21.36	21.36	22.7	0
20	QPSK	50	24	21.27	21.37	21.27	21.06		
20	QPSK	50	50	21.25	21.40	21.23	21.07		
20	QPSK	100	0	21.32	21.43	21.38	21.22		
20	16QAM	1	0	21.30	21.40	21.36	21.16	22.7	0
20	16QAM	1	49	21.39	21.52	21.34	21.38		
20	16QAM	1	99	21.18	21.49	21.23	21.05		
20	16QAM	50	0	21.31	21.51	21.32	21.35	22.7	0
20	16QAM	50	24	21.17	21.50	21.27	21.10		
20	16QAM	50	50	21.36	21.52	21.40	21.27		
20	16QAM	100	0	21.23	21.43	21.30	21.09		
20	64QAM	1	0	21.40	21.55	21.42	21.24	22.7	0
20	64QAM	1	49	21.42	21.48	21.38	21.23		
20	64QAM	1	99	21.40	21.52	21.42	21.32		
20	64QAM	50	0	21.30	21.48	21.25	21.14	22	0.7
20	64QAM	50	24	21.25	21.37	21.31	21.15		
20	64QAM	50	50	21.41	21.57	21.47	21.36		
20	64QAM	100	0	21.30	21.50	21.25	21.14		
20	256QAM	1	0	19.54	19.64	19.53	19.56	20	2.7
20	256QAM	1	49	19.55	19.59	19.45	19.52		
20	256QAM	1	99	19.46	19.52	19.48	19.40		
20	256QAM	50	0	19.54	19.58	19.44	19.52	20	2.7
20	256QAM	50	24	19.39	19.53	19.39	19.41		
20	256QAM	50	50	19.43	19.46	19.36	19.40		
20	256QAM	100	0	19.43	19.52	19.40	19.47		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.45	21.43	21.32	21.31	22.7	0
15	QPSK	1	37	21.18	21.48	21.29	21.04		
15	QPSK	1	74	21.26	21.35	21.37	21.35		
15	QPSK	36	0	21.18	21.46	21.22	21.21	22.7	0
15	QPSK	36	20	21.20	21.21	21.15	21.16		
15	QPSK	36	39	21.20	21.34	21.11	21.00		
15	QPSK	75	0	21.27	21.31	21.24	21.17		
15	16QAM	1	0	21.16	21.29	21.23	20.99	22.7	0
15	16QAM	1	37	21.23	21.35	21.27	21.31		
15	16QAM	1	74	21.08	21.43	21.19	20.99		
15	16QAM	36	0	21.21	21.37	21.24	21.19	22.7	0
15	16QAM	36	20	21.07	21.45	21.11	21.08		
15	16QAM	36	39	21.31	21.37	21.35	21.23		
15	16QAM	75	0	21.20	21.37	21.21	21.02		
15	64QAM	1	0	21.36	21.51	21.40	21.20	22.7	0
15	64QAM	1	37	21.37	21.38	21.29	21.06		
15	64QAM	1	74	21.30	21.42	21.34	21.24		
15	64QAM	36	0	21.15	21.37	21.09	21.00	22	0.7
15	64QAM	36	20	21.14	21.23	21.21	21.07		
15	64QAM	36	39	21.26	21.48	21.30	21.32		
15	64QAM	75	0	21.23	21.40	21.15	21.08		
15	256QAM	1	0	19.46	19.51	19.40	19.49	20	2.7
15	256QAM	1	37	19.48	19.53	19.41	19.40		
15	256QAM	1	74	19.41	19.47	19.44	19.25		
15	256QAM	36	0	19.46	19.44	19.34	19.41	20	2.7
15	256QAM	36	20	19.30	19.39	19.31	19.33		
15	256QAM	36	39	19.39	19.33	19.23	19.26		
15	256QAM	75	0	19.31	19.46	19.27	19.40		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.40	21.48	21.33	21.37	22.7	0
10	QPSK	1	25	21.30	21.44	21.28	21.14		
10	QPSK	1	49	21.33	21.47	21.37	21.30		
10	QPSK	25	0	21.29	21.48	21.31	21.27	22.7	0
10	QPSK	25	12	21.19	21.27	21.15	21.22		
10	QPSK	25	25	21.10	21.38	21.07	21.22		
10	QPSK	50	0	21.16	21.34	21.20	21.14		
10	16QAM	1	0	21.22	21.29	21.33	21.01	22.7	0
10	16QAM	1	25	21.24	21.35	21.31	21.24		
10	16QAM	1	49	21.05	21.34	21.20	20.97		
10	16QAM	25	0	21.14	21.35	21.18	21.17	22.7	0
10	16QAM	25	12	21.07	21.45	21.11	20.96		
10	16QAM	25	25	21.24	21.37	21.27	21.14		
10	16QAM	50	0	21.11	21.38	21.15	21.00		
10	64QAM	1	0	21.28	21.39	21.32	21.19	22.7	0
10	64QAM	1	25	21.25	21.37	21.35	21.16		
10	64QAM	1	49	21.32	21.44	21.24	21.19		
10	64QAM	25	0	21.18	21.41	21.10	21.06	22	0.7
10	64QAM	25	12	21.18	21.35	21.21	21.05		
10	64QAM	25	25	21.30	21.43	21.44	21.19		
10	64QAM	50	0	21.25	21.36	21.16	21.06		
10	256QAM	1	0	19.49	19.53	19.45	19.44	20	2.7
10	256QAM	1	25	19.43	19.54	19.34	19.48		
10	256QAM	1	49	19.38	19.39	19.35	19.28		
10	256QAM	25	0	19.47	19.46	19.33	19.45	20	2.7
10	256QAM	25	12	19.30	19.45	19.24	19.32		
10	256QAM	25	25	19.32	19.42	19.30	19.29		
10	256QAM	50	0	19.35	19.39	19.26	19.38		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.33	21.43	21.34	21.33	22.7	0
5	QPSK	1	12	21.28	21.35	21.25	21.11		
5	QPSK	1	24	21.37	21.47	21.24	21.29		
5	QPSK	12	0	21.22	21.35	21.25	21.22	22.7	0
5	QPSK	12	7	21.13	21.27	21.22	20.98		
5	QPSK	12	13	21.19	21.30	21.17	21.01		
5	QPSK	25	0	21.20	21.38	21.29	21.12		
5	16QAM	1	0	21.23	21.25	21.33	21.11	22.7	0
5	16QAM	1	12	21.21	21.43	21.18	21.26		
5	16QAM	1	24	21.06	21.41	21.10	20.97		
5	16QAM	12	0	21.21	21.34	21.24	21.21	22.7	0
5	16QAM	12	7	21.10	21.32	21.26	21.22		
5	16QAM	12	13	21.22	21.45	21.28	21.15		
5	16QAM	25	0	21.18	21.39	21.17	20.98		
5	64QAM	1	0	21.35	21.46	21.30	21.13	22.7	0
5	64QAM	1	12	21.25	21.34	21.33	21.08		
5	64QAM	1	24	21.31	21.39	21.26	21.26		
5	64QAM	12	0	21.25	21.40	21.07	21.03	22	0.7
5	64QAM	12	7	21.23	21.29	21.18	21.06		
5	64QAM	12	13	21.36	21.46	21.32	21.24		
5	64QAM	25	0	21.18	21.44	21.21	21.11		
5	256QAM	1	0	19.44	19.52	19.43	19.46	20	2.7
5	256QAM	1	12	19.48	19.49	19.38	19.42		
5	256QAM	1	24	19.32	19.47	19.42	19.33		
5	256QAM	12	0	19.48	19.54	19.33	19.48	20	2.7
5	256QAM	12	7	19.27	19.47	19.35	19.33		
5	256QAM	12	13	19.40	19.38	19.28	19.28		
5	256QAM	25	0	19.37	19.47	19.36	19.40		

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	29.32	29.41	29.38	30.00	20.32	20.41	20.38	21.00
GPRS 1 Tx slot	29.35	29.47	29.43	30.00	20.35	20.47	20.43	21.00
GPRS 2 Tx slots	26.38	26.51	26.42	27.00	20.38	20.51	20.42	21.00
GPRS 3 Tx slots	23.74	23.85	23.81	25.50	19.48	19.59	19.55	21.24
GPRS 4 Tx slots	22.18	22.29	22.19	24.00	19.18	19.29	19.19	21.00
EDGE 1 Tx slot	24.14	24.28	24.22	25.50	15.14	15.28	15.22	16.50
EDGE 2 Tx slots	22.45	22.56	22.49	24.00	16.45	16.56	16.49	18.00
EDGE 3 Tx slots	21.38	21.49	21.46	22.50	17.12	17.23	17.20	18.24
EDGE 4 Tx slots	19.33	19.42	19.39	20.50	16.33	16.42	16.39	17.50

Band		WCDMA II Ant2			Tune-up Limit (dBm)	WCDMA IV Ant2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.79	21.97	21.85	23.00	22.43	22.40	22.29	23.70
3GPP Rel 99	RMC 12.2Kbps	21.83	21.99	21.97	23.00	22.47	22.54	22.42	23.70
3GPP Rel 6	HSDPA Subtest-1	20.99	21.12	20.87	22.00	21.51	21.75	21.46	22.70
3GPP Rel 6	HSDPA Subtest-2	21.01	21.02	20.96	22.00	21.49	21.52	21.31	22.70
3GPP Rel 6	HSDPA Subtest-3	20.29	20.53	20.50	21.50	20.89	21.09	20.93	22.20
3GPP Rel 6	HSDPA Subtest-4	20.48	20.55	20.55	21.50	20.97	21.08	20.97	22.20
3GPP Rel 8	DC-HSDPA Subtest-1	20.96	21.08	21.03	22.00	21.52	21.67	21.53	22.70
3GPP Rel 8	DC-HSDPA Subtest-2	20.69	20.77	20.85	22.00	21.34	21.41	21.28	22.70
3GPP Rel 8	DC-HSDPA Subtest-3	20.18	20.39	20.33	21.50	20.74	20.82	20.99	22.20
3GPP Rel 8	DC-HSDPA Subtest-4	20.24	20.41	20.35	21.50	20.80	20.92	20.78	22.20
3GPP Rel 6	HSUPA Subtest-1	20.92	21.11	21.14	22.00	21.43	21.66	21.67	22.70
3GPP Rel 6	HSUPA Subtest-2	18.92	19.00	18.81	20.00	19.44	19.59	19.34	20.70
3GPP Rel 6	HSUPA Subtest-3	19.78	19.97	19.92	21.00	20.59	20.56	20.60	21.70
3GPP Rel 6	HSUPA Subtest-4	18.89	18.90	18.78	20.00	19.34	19.57	19.32	20.70
3GPP Rel 6	HSUPA Subtest-5	21.13	20.92	21.04	22.00	21.54	21.53	21.51	22.70

Band 2 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	20.99	21.14	21.06	22	0
20	QPSK	1	49	20.96	20.99	20.91		
20	QPSK	1	99	20.84	20.91	20.78		
20	QPSK	50	0	20.80	20.90	20.86	21.5	0.5
20	QPSK	50	24	20.71	20.85	20.78		
20	QPSK	50	50	20.63	20.78	20.74		
20	QPSK	100	0	20.79	20.83	20.78		
20	16QAM	1	0	20.75	20.79	20.75	21.5	0.5
20	16QAM	1	49	20.59	20.74	20.64		
20	16QAM	1	99	20.60	20.67	20.61		
20	16QAM	50	0	19.82	19.91	19.86	20.5	1.5
20	16QAM	50	24	19.74	19.86	19.73		
20	16QAM	50	50	19.67	19.79	19.69		
20	16QAM	100	0	19.77	19.86	19.81		
20	64QAM	1	0	19.78	19.83	19.71	20.5	1.5
20	64QAM	1	49	19.64	19.78	19.71		
20	64QAM	1	99	19.66	19.71	19.61		
20	64QAM	50	0	18.72	18.80	18.73	19.5	2.5
20	64QAM	50	24	18.64	18.75	18.70		
20	64QAM	50	50	18.61	18.68	18.63		
20	64QAM	100	0	18.64	18.71	18.58		
20	256QAM	1	0	16.93	16.96	16.82	17.5	4.5
20	256QAM	1	49	16.87	16.91	16.80		
20	256QAM	1	99	16.80	16.84	16.73		
20	256QAM	50	0	16.71	16.83	16.74	17.5	4.5
20	256QAM	50	24	16.64	16.78	16.72		
20	256QAM	50	50	16.66	16.71	16.60		
20	256QAM	100	0	16.73	16.78	16.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.92	21.00	20.99	22	0
15	QPSK	1	37	20.92	20.90	20.76		
15	QPSK	1	74	20.78	20.63	20.75		
15	QPSK	36	0	20.74	20.84	20.75	21.5	0.5
15	QPSK	36	20	20.66	20.73	20.70		
15	QPSK	36	39	20.52	20.71	20.62		
15	QPSK	75	0	20.67	20.76	20.71		
15	16QAM	1	0	20.61	20.69	20.63	21.5	0.5
15	16QAM	1	37	20.51	20.68	20.58		
15	16QAM	1	74	20.51	20.63	20.54		
15	16QAM	36	0	19.67	19.77	19.76	20.5	1.5
15	16QAM	36	20	19.63	19.76	19.62		
15	16QAM	36	39	19.64	19.66	19.60		
15	16QAM	75	0	19.62	19.83	19.72		
15	64QAM	1	0	19.70	19.73	19.60	20.5	1.5
15	64QAM	1	37	19.57	19.75	19.57		
15	64QAM	1	74	19.58	19.62	19.53		
15	64QAM	36	0	18.61	18.76	18.67	19.5	2.5
15	64QAM	36	20	18.52	18.65	18.58		
15	64QAM	36	39	18.50	18.58	18.51		
15	64QAM	75	0	18.52	18.67	18.51		
15	256QAM	1	0	16.86	16.89	16.71	17.5	4.5
15	256QAM	1	37	16.74	16.86	16.70		
15	256QAM	1	74	16.76	16.76	16.69		
15	256QAM	36	0	16.63	16.73	16.71	17.5	4.5
15	256QAM	36	20	16.56	16.73	16.63		
15	256QAM	36	39	16.58	16.62	16.56		
15	256QAM	75	0	16.62	16.74	16.63		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.89	21.05	21.01	22	0
10	QPSK	1	25	20.86	20.89	20.76		
10	QPSK	1	49	20.79	20.75	20.62		
10	QPSK	25	0	20.73	20.82	20.72	21.5	0.5
10	QPSK	25	12	20.62	20.70	20.70		
10	QPSK	25	25	20.52	20.73	20.69		
10	QPSK	50	0	20.69	20.68	20.74		
10	16QAM	1	0	20.66	20.70	20.65	21.5	0.5
10	16QAM	1	25	20.49	20.69	20.53		
10	16QAM	1	49	20.57	20.53	20.47		
10	16QAM	25	0	19.77	19.79	19.76	20.5	1.5
10	16QAM	25	12	19.60	19.81	19.64		
10	16QAM	25	25	19.55	19.69	19.63		
10	16QAM	50	0	19.68	19.76	19.73		
10	64QAM	1	0	19.72	19.72	19.64	20.5	1.5
10	64QAM	1	25	19.53	19.72	19.63		
10	64QAM	1	49	19.60	19.63	19.55		
10	64QAM	25	0	18.69	18.72	18.67	19.5	2.5
10	64QAM	25	12	18.55	18.62	18.56		
10	64QAM	25	25	18.56	18.60	18.49		
10	64QAM	50	0	18.53	18.62	18.48		
10	256QAM	1	0	16.89	16.83	16.68	17.5	4.5
10	256QAM	1	25	16.80	16.79	16.69		
10	256QAM	1	49	16.69	16.74	16.64		
10	256QAM	25	0	16.65	16.77	16.62	17.5	4.5
10	256QAM	25	12	16.53	16.68	16.67		
10	256QAM	25	25	16.59	16.67	16.46		
10	256QAM	50	0	16.62	16.73	16.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.95	21.09	20.90	22	0
5	QPSK	1	12	20.85	20.82	20.83		
5	QPSK	1	24	20.76	20.67	20.68		
5	QPSK	12	0	20.67	20.79	20.80	21.5	0.5
5	QPSK	12	7	20.57	20.72	20.65		
5	QPSK	12	13	20.48	20.66	20.67		
5	QPSK	25	0	20.66	20.76	20.64		
5	16QAM	1	0	20.67	20.66	20.71	21.5	0.5
5	16QAM	1	12	20.47	20.61	20.50		
5	16QAM	1	24	20.50	20.53	20.55		
5	16QAM	12	0	19.69	19.79	19.72	20.5	1.5
5	16QAM	12	7	19.64	19.80	19.69		
5	16QAM	12	13	19.57	19.72	19.62		
5	16QAM	25	0	19.63	19.73	19.72		
5	64QAM	1	0	19.73	19.74	19.59	20.5	1.5
5	64QAM	1	12	19.59	19.67	19.59		
5	64QAM	1	24	19.55	19.64	19.54		
5	64QAM	12	0	18.64	18.68	18.62	19.5	2.5
5	64QAM	12	7	18.50	18.68	18.58		
5	64QAM	12	13	18.50	18.58	18.59		
5	64QAM	25	0	18.52	18.61	18.49		
5	256QAM	1	0	16.83	16.88	16.73	17.5	4.5
5	256QAM	1	12	16.77	16.84	16.72		
5	256QAM	1	24	16.69	16.77	16.67		
5	256QAM	12	0	16.59	16.78	16.63	17.5	4.5
5	256QAM	12	7	16.53	16.71	16.62		
5	256QAM	12	13	16.61	16.63	16.46		
5	256QAM	25	0	16.62	16.74	16.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.88	21.10	20.94	22	0
3	QPSK	1	8	20.82	20.96	20.75		
3	QPSK	1	14	20.67	20.63	20.76		
3	QPSK	8	0	20.73	20.82	20.73	21.5	0.5
3	QPSK	8	4	20.59	20.72	20.70		
3	QPSK	8	7	20.54	20.69	20.61		
3	QPSK	15	0	20.70	20.69	20.69		
3	16QAM	1	0	20.65	20.68	20.60	21.5	0.5
3	16QAM	1	8	20.52	20.62	20.50		
3	16QAM	1	14	20.50	20.58	20.55		
3	16QAM	8	0	19.70	19.77	19.81	20.5	1.5
3	16QAM	8	4	19.66	19.81	19.62		
3	16QAM	8	7	19.62	19.67	19.56		
3	16QAM	15	0	19.68	19.78	19.73		
3	64QAM	1	0	19.67	19.73	19.61	20.5	1.5
3	64QAM	1	8	19.61	19.66	19.59		
3	64QAM	1	14	19.61	19.59	19.56		
3	64QAM	8	0	18.66	18.71	18.60	19.5	2.5
3	64QAM	8	4	18.51	18.70	18.58		
3	64QAM	8	7	18.52	18.57	18.52		
3	64QAM	15	0	18.57	18.67	18.53		
3	256QAM	1	0	16.80	16.83	16.72	17.5	4.5
3	256QAM	1	8	16.73	16.84	16.65		
3	256QAM	1	14	16.76	16.79	16.68		
3	256QAM	8	0	16.62	16.72	16.63	17.5	4.5
3	256QAM	8	4	16.53	16.74	16.67		
3	256QAM	8	7	16.57	16.67	16.50		
3	256QAM	15	0	16.64	16.71	16.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.85	21.00	21.03	22	0
1.4	QPSK	1	3	20.81	20.86	20.82		
1.4	QPSK	1	5	20.68	20.62	20.75		
1.4	QPSK	3	0	20.98	21.10	21.07		
1.4	QPSK	3	1	20.91	20.96	20.91		
1.4	QPSK	3	3	20.74	20.96	20.87		
1.4	QPSK	6	0	20.73	20.85	20.74	21.5	0.5
1.4	16QAM	1	0	20.57	20.78	20.68	21.5	0.5
1.4	16QAM	1	3	20.57	20.67	20.63		
1.4	16QAM	1	5	20.67	20.69	20.75		
1.4	16QAM	3	0	20.70	20.67	20.66		
1.4	16QAM	3	1	20.47	20.61	20.60		
1.4	16QAM	3	3	20.54	20.57	20.58		
1.4	16QAM	6	0	19.70	19.80	19.74	20.5	1.5
1.4	64QAM	1	0	19.67	19.76	19.68	20.5	1.5
1.4	64QAM	1	3	19.61	19.65	19.65		
1.4	64QAM	1	5	19.71	19.72	19.68		
1.4	64QAM	3	0	19.74	19.75	19.68		
1.4	64QAM	3	1	19.58	19.69	19.57		
1.4	64QAM	3	3	19.63	19.66	19.50		
1.4	64QAM	6	0	18.64	18.76	18.62	19.5	2.5
1.4	256QAM	1	0	16.87	16.86	16.74	17.5	4.5
1.4	256QAM	1	3	16.76	16.85	16.71		
1.4	256QAM	1	5	16.69	16.72	16.60		
1.4	256QAM	3	0	16.63	16.73	16.67		
1.4	256QAM	3	1	16.52	16.68	16.60		
1.4	256QAM	3	3	16.57	16.59	16.46		
1.4	256QAM	6	0	16.66	16.71	16.61	17.5	4.5

Band 4 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.16	21.30	21.12	22	0
20	QPSK	1	49	20.99	21.11	20.94		
20	QPSK	1	99	20.98	21.11	20.88		
20	QPSK	50	0	20.85	20.89	20.81	21.5	0.5
20	QPSK	50	24	20.77	20.84	20.72		
20	QPSK	50	50	20.72	20.77	20.67		
20	QPSK	100	0	20.76	20.84	20.69		
20	16QAM	1	0	20.67	20.81	20.72	21.5	0.5
20	16QAM	1	49	20.69	20.76	20.69		
20	16QAM	1	99	20.59	20.69	20.62		
20	16QAM	50	0	19.91	19.97	19.94	20.5	1.5
20	16QAM	50	24	19.78	19.92	19.80		
20	16QAM	50	50	19.80	19.85	19.79		
20	16QAM	100	0	19.81	19.91	19.78		
20	64QAM	1	0	19.71	19.83	19.68	20.5	1.5
20	64QAM	1	49	19.69	19.78	19.69		
20	64QAM	1	99	19.61	19.71	19.57		
20	64QAM	50	0	18.80	18.92	18.86	19.5	2.5
20	64QAM	50	24	18.79	18.87	18.80		
20	64QAM	50	50	18.76	18.80	18.66		
20	64QAM	100	0	18.83	18.86	18.77		
20	256QAM	1	0	16.85	16.92	16.86	17.5	4.5
20	256QAM	1	49	16.73	16.87	16.79		
20	256QAM	1	99	16.71	16.80	16.70		
20	256QAM	50	0	16.78	16.88	16.85	17.5	4.5
20	256QAM	50	24	16.79	16.83	16.70		
20	256QAM	50	50	16.68	16.76	16.66		
20	256QAM	100	0	16.70	16.84	16.78		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.01	21.25	20.98	22	0
15	QPSK	1	37	20.87	20.97	20.82		
15	QPSK	1	74	20.90	21.07	20.83		
15	QPSK	36	0	20.78	20.82	20.75	21.5	0.5
15	QPSK	36	20	20.71	20.79	20.67		
15	QPSK	36	39	20.68	20.63	20.53		
15	QPSK	75	0	20.65	20.74	20.62		
15	16QAM	1	0	20.54	20.76	20.61	21.5	0.5
15	16QAM	1	37	20.62	20.63	20.62		
15	16QAM	1	74	20.56	20.63	20.54		
15	16QAM	36	0	19.79	19.93	19.88	20.5	1.5
15	16QAM	36	20	19.69	19.78	19.66		
15	16QAM	36	39	19.75	19.71	19.66		
15	16QAM	75	0	19.70	19.84	19.65		
15	64QAM	1	0	19.57	19.79	19.54	20.5	1.5
15	64QAM	1	37	19.60	19.71	19.59		
15	64QAM	1	74	19.56	19.67	19.44		
15	64QAM	36	0	18.66	18.78	18.72	19.5	2.5
15	64QAM	36	20	18.67	18.75	18.69		
15	64QAM	36	39	18.72	18.72	18.56		
15	64QAM	75	0	18.68	18.79	18.64		
15	256QAM	1	0	16.79	16.81	16.72	17.5	4.5
15	256QAM	1	37	16.66	16.79	16.76		
15	256QAM	1	74	16.67	16.70	16.65		
15	256QAM	36	0	16.69	16.78	16.80	17.5	4.5
15	256QAM	36	20	16.73	16.77	16.59		
15	256QAM	36	39	16.64	16.67	16.63		
15	256QAM	75	0	16.59	16.73	16.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.02	21.16	21.04	22	0
10	QPSK	1	25	20.95	20.98	20.83		
10	QPSK	1	49	20.94	20.96	20.73		
10	QPSK	25	0	20.73	20.84	20.68	21.5	0.5
10	QPSK	25	12	20.71	20.78	20.64		
10	QPSK	25	25	20.64	20.69	20.58		
10	QPSK	50	0	20.71	20.76	20.62		
10	16QAM	1	0	20.59	20.69	20.60	21.5	0.5
10	16QAM	1	25	20.63	20.67	20.56		
10	16QAM	1	49	20.45	20.64	20.55		
10	16QAM	25	0	19.83	19.86	19.85	20.5	1.5
10	16QAM	25	12	19.75	19.89	19.70		
10	16QAM	25	25	19.72	19.80	19.71		
10	16QAM	50	0	19.73	19.83	19.71		
10	64QAM	1	0	19.66	19.72	19.61	20.5	1.5
10	64QAM	1	25	19.65	19.64	19.60		
10	64QAM	1	49	19.54	19.64	19.44		
10	64QAM	25	0	18.77	18.84	18.72	19.5	2.5
10	64QAM	25	12	18.76	18.79	18.70		
10	64QAM	25	25	18.65	18.68	18.56		
10	64QAM	50	0	18.77	18.75	18.69		
10	256QAM	1	0	16.73	16.84	16.78	17.5	4.5
10	256QAM	1	25	16.66	16.81	16.66		
10	256QAM	1	49	16.64	16.75	16.60		
10	256QAM	25	0	16.64	16.79	16.79	17.5	4.5
10	256QAM	25	12	16.66	16.69	16.56		
10	256QAM	25	25	16.55	16.66	16.63		
10	256QAM	50	0	16.63	16.75	16.64		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.04	21.24	21.03	22	0
5	QPSK	1	12	20.96	21.03	20.87		
5	QPSK	1	24	20.91	21.07	20.84		
5	QPSK	12	0	20.78	20.80	20.69	21.5	0.5
5	QPSK	12	7	20.68	20.72	20.61		
5	QPSK	12	13	20.66	20.71	20.61		
5	QPSK	25	0	20.63	20.74	20.55		
5	16QAM	1	0	20.58	20.73	20.67	21.5	0.5
5	16QAM	1	12	20.59	20.72	20.56		
5	16QAM	1	24	20.46	20.62	20.56		
5	16QAM	12	0	19.77	19.87	19.84	20.5	1.5
5	16QAM	12	7	19.72	19.78	19.75		
5	16QAM	12	13	19.70	19.78	19.64		
5	16QAM	25	0	19.66	19.78	19.69		
5	64QAM	1	0	19.62	19.72	19.56	20.5	1.5
5	64QAM	1	12	19.56	19.74	19.65		
5	64QAM	1	24	19.48	19.56	19.45		
5	64QAM	12	0	18.77	18.86	18.82	19.5	2.5
5	64QAM	12	7	18.72	18.79	18.67		
5	64QAM	12	13	18.64	18.68	18.51		
5	64QAM	25	0	18.70	18.80	18.71		
5	256QAM	1	0	16.82	16.79	16.81	17.5	4.5
5	256QAM	1	12	16.69	16.78	16.66		
5	256QAM	1	24	16.68	16.73	16.55		
5	256QAM	12	0	16.71	16.74	16.75	17.5	4.5
5	256QAM	12	7	16.76	16.75	16.60		
5	256QAM	12	13	16.64	16.64	16.52		
5	256QAM	25	0	16.65	16.80	16.65		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.04	21.17	21.03	22	0
3	QPSK	1	8	20.87	21.01	20.80		
3	QPSK	1	14	20.90	21.06	20.81		
3	QPSK	8	0	20.75	20.81	20.73	21.5	0.5
3	QPSK	8	4	20.63	20.71	20.57		
3	QPSK	8	7	20.67	20.69	20.58		
3	QPSK	15	0	20.71	20.71	20.55		
3	16QAM	1	0	20.59	20.78	20.65	21.5	0.5
3	16QAM	1	8	20.63	20.68	20.61		
3	16QAM	1	14	20.55	20.63	20.52		
3	16QAM	8	0	19.78	19.83	19.84	20.5	1.5
3	16QAM	8	4	19.72	19.82	19.74		
3	16QAM	8	7	19.66	19.81	19.68		
3	16QAM	15	0	19.76	19.77	19.68		
3	64QAM	1	0	19.59	19.79	19.58	20.5	1.5
3	64QAM	1	8	19.57	19.73	19.66		
3	64QAM	1	14	19.58	19.61	19.50		
3	64QAM	8	0	18.76	18.79	18.79	19.5	2.5
3	64QAM	8	4	18.67	18.77	18.67		
3	64QAM	8	7	18.68	18.75	18.63		
3	64QAM	15	0	18.79	18.81	18.65		
3	256QAM	1	0	16.77	16.79	16.77	17.5	4.5
3	256QAM	1	8	16.59	16.79	16.64		
3	256QAM	1	14	16.63	16.75	16.58		
3	256QAM	8	0	16.74	16.83	16.77	17.5	4.5
3	256QAM	8	4	16.72	16.75	16.58		
3	256QAM	8	7	16.60	16.64	16.55		
3	256QAM	15	0	16.57	16.70	16.70		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.08	21.16	21.06	22	0
1.4	QPSK	1	3	20.94	21.02	20.90		
1.4	QPSK	1	5	20.94	21.05	20.78		
1.4	QPSK	3	0	20.95	21.10	20.91		
1.4	QPSK	3	1	20.94	20.97	20.87		
1.4	QPSK	3	3	20.95	20.83	20.87		
1.4	QPSK	6	0	20.74	20.82	20.69	21.5	0.5
1.4	16QAM	1	0	20.64	20.79	20.67	21.5	0.5
1.4	16QAM	1	3	20.64	20.72	20.56		
1.4	16QAM	1	5	20.64	20.79	20.56		
1.4	16QAM	3	0	20.57	20.77	20.69		
1.4	16QAM	3	1	20.63	20.64	20.62		
1.4	16QAM	3	3	20.51	20.63	20.55		
1.4	16QAM	6	0	19.76	19.92	19.89	20.5	1.5
1.4	64QAM	1	0	19.66	19.88	19.70	20.5	1.5
1.4	64QAM	1	3	19.74	19.71	19.75		
1.4	64QAM	1	5	19.72	19.77	19.72		
1.4	64QAM	3	0	19.56	19.75	19.64		
1.4	64QAM	3	1	19.56	19.66	19.64		
1.4	64QAM	3	3	19.51	19.57	19.54		
1.4	64QAM	6	0	18.66	18.78	18.72	19.5	2.5
1.4	256QAM	1	0	16.80	16.82	16.78	17.5	4.5
1.4	256QAM	1	3	16.69	16.83	16.67		
1.4	256QAM	1	5	16.66	16.66	16.61		
1.4	256QAM	3	0	16.66	16.76	16.74		
1.4	256QAM	3	1	16.67	16.68	16.61		
1.4	256QAM	3	3	16.62	16.69	16.55		
1.4	256QAM	6	0	16.65	16.79	16.67	17.5	4.5

Band 7 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.94	17.01	16.89	18.3	0
20	QPSK	1	49	16.86	16.78	16.85		
20	QPSK	1	99	16.87	16.78	16.93		
20	QPSK	50	0	16.72	16.85	16.83	18.3	0
20	QPSK	50	24	16.63	16.64	16.76		
20	QPSK	50	50	16.52	16.66	16.80		
20	QP

Band 25 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.43	21.52	21.47	22	0
20	QPSK	1	49	21.40	21.47	21.44		
20	QPSK	1	99	21.34	21.40	21.29		
20	QPSK	50	0	21.04	21.15	21.07	21.5	0.5
20	QPSK	50	24	21.01	21.10	21.02		
20	QPSK	50	50	20.94	21.03	20.89		
20	QPSK	100	0	21.05	21.13	21.09		
20	16QAM	1	0	20.47	20.57	20.53	21.5	0.5
20	16QAM	1	49	20.47	20.52	20.43		
20	16QAM	1	99	20.36	20.45	20.32		
20	16QAM	50	0	20.06	20.11	20.02	20.5	1.5
20	16QAM	50	24	19.97	20.06	20.03		
20	16QAM	50	50	19.93	19.99	19.85		
20	16QAM	100	0	20.09	20.16	20.07		
20	64QAM	1	0	19.48	19.53	19.41	20.5	1.5
20	64QAM	1	49	19.41	19.48	19.41		
20	64QAM	1	99	19.28	19.41	19.27		
20	64QAM	50	0	18.99	19.11	19.06	19.5	2.5
20	64QAM	50	24	18.96	19.06	18.96		
20	64QAM	50	50	18.94	18.99	18.89		
20	64QAM	100	0	18.94	19.01	18.94		
20	256QAM	1	0	17.11	17.17	17.06	17.5	4.5
20	256QAM	1	49	17.04	17.12	17.05		
20	256QAM	1	99	17.00	17.05	16.93		
20	256QAM	50	0	16.90	16.97	16.87	17.5	4.5
20	256QAM	50	24	16.88	16.92	16.89		
20	256QAM	50	50	16.74	16.85	16.71		
20	256QAM	100	0	16.84	16.99	16.95		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.31	21.44	21.37	22	0
15	QPSK	1	37	21.32	21.33	21.39		
15	QPSK	1	74	21.24	21.36	21.18		
15	QPSK	36	0	20.95	21.07	21.03	21.5	0.5
15	QPSK	36	20	20.94	20.95	20.88		
15	QPSK	36	39	20.82	20.99	20.79		
15	QPSK	75	0	21.01	20.98	21.01		
15	16QAM	1	0	20.34	20.43	20.40	21.5	0.5
15	16QAM	1	37	20.41	20.43	20.39		
15	16QAM	1	74	20.33	20.36	20.18		
15	16QAM	36	0	19.93	19.99	19.98	20.5	1.5
15	16QAM	36	20	19.85	19.91	19.94		
15	16QAM	36	39	19.80	19.94	19.77		
15	16QAM	75	0	19.97	20.12	19.94		
15	64QAM	1	0	19.33	19.42	19.37	20.5	1.5
15	64QAM	1	37	19.29	19.35	19.26		
15	64QAM	1	74	19.24	19.37	19.19		
15	64QAM	36	0	18.87	19.05	18.93	19.5	2.5
15	64QAM	36	20	18.92	19.02	18.87		
15	64QAM	36	39	18.83	18.96	18.86		
15	64QAM	75	0	18.86	18.94	18.82		
15	256QAM	1	0	16.97	17.13	16.92	17.5	4.5
15	256QAM	1	37	16.92	17.00	17.00		
15	256QAM	1	74	16.86	16.95	16.87		
15	256QAM	36	0	16.81	16.88	16.81	17.5	4.5
15	256QAM	36	20	16.77	16.86	16.76		
15	256QAM	36	39	16.64	16.74	16.66		
15	256QAM	75	0	16.71	16.92	16.92		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.37	21.48	21.43	22	0
10	QPSK	1	25	21.33	21.40	21.38		
10	QPSK	1	49	21.22	21.26	21.16		
10	QPSK	25	0	20.98	21.06	20.95	21.5	0.5
10	QPSK	25	12	20.89	21.02	20.93		
10	QPSK	25	25	20.85	20.94	20.75		
10	QPSK	50	0	20.91	21.03	20.96		
10	16QAM	1	0	20.32	20.42	20.41	21.5	0.5
10	16QAM	1	25	20.34	20.44	20.38		
10	16QAM	1	49	20.26	20.37	20.26		
10	16QAM	25	0	19.99	20.00	19.91	20.5	1.5
10	16QAM	25	12	19.82	19.98	20.00		
10	16QAM	25	25	19.80	19.92	19.71		
10	16QAM	50	0	19.96	20.06	19.98		
10	64QAM	1	0	19.40	19.44	19.38	20.5	1.5
10	64QAM	1	25	19.34	19.34	19.30		
10	64QAM	1	49	19.20	19.27	19.16		
10	64QAM	25	0	18.85	19.06	18.99	19.5	2.5
10	64QAM	25	12	18.85	19.01	18.83		
10	64QAM	25	25	18.84	18.94	18.81		
10	64QAM	50	0	18.87	18.96	18.88		
10	256QAM	1	0	17.06	17.09	17.00	17.5	4.5
10	256QAM	1	25	16.94	17.04	16.99		
10	256QAM	1	49	16.92	16.98	16.86		
10	256QAM	25	0	16.79	16.89	16.76	17.5	4.5
10	256QAM	25	12	16.77	16.88	16.74		
10	256QAM	25	25	16.70	16.72	16.58		
10	256QAM	50	0	16.79	16.95	16.82		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.35	21.40	21.33	22	0
5	QPSK	1	12	21.27	21.32	21.39		
5	QPSK	1	24	21.22	21.30	21.19		
5	QPSK	12	0	20.91	21.12	21.03	21.5	0.5
5	QPSK	12	7	20.97	21.03	20.97		
5	QPSK	12	13	20.83	20.95	20.86		
5	QPSK	25	0	20.98	20.99	20.98		
5	16QAM	1	0	20.42	20.47	20.47	21.5	0.5
5	16QAM	1	12	20.34	20.43	20.29		
5	16QAM	1	24	20.29	20.40	20.18		
5	16QAM	12	0	19.94	20.02	19.97	20.5	1.5
5	16QAM	12	7	19.93	20.00	19.88		
5	16QAM	12	13	19.85	19.88	19.81		
5	16QAM	25	0	20.00	20.01	19.95		
5	64QAM	1	0	19.33	19.42	19.33	20.5	1.5
5	64QAM	1	12	19.37	19.36	19.34		
5	64QAM	1	24	19.16	19.29	19.19		
5	64QAM	12	0	18.96	19.07	19.00	19.5	2.5
5	64QAM	12	7	18.83	18.94	18.89		
5	64QAM	12	13	18.84	18.92	18.77		
5	64QAM	25	0	18.80	18.94	18.89		
5	256QAM	1	0	17.02	17.13	17.00	17.5	4.5
5	256QAM	1	12	16.96	16.97	16.92		
5	256QAM	1	24	16.88	16.90	16.83		
5	256QAM	12	0	16.84	16.84	16.82	17.5	4.5
5	256QAM	12	7	16.74	16.81	16.84		
5	256QAM	12	13	16.65	16.74	16.65		
5	256QAM	25	0	16.73	16.84	16.89		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.39	21.45	21.33	22	0
3	QPSK	1	8	21.37	21.33	21.38		
3	QPSK	1	14	21.31	21.34	21.18		
3	QPSK	8	0	20.91	21.02	20.99	21.5	0.5
3	QPSK	8	4	20.87	21.04	20.96		
3	QPSK	8	7	20.81	20.93	20.83		
3	QPSK	15	0	20.98	21.07	21.01		
3	16QAM	1	0	20.39	20.43	20.42	21.5	0.5
3	16QAM	1	8	20.44	20.41	20.35		
3	16QAM	1	14	20.31	20.40	20.21		
3	16QAM	8	0	20.01	20.01	19.87	20.5	1.5
3	16QAM	8	4	19.94	19.92	19.93		
3	16QAM	8	7	19.88	19.87	19.72		
3	16QAM	15	0	19.96	20.03	20.03		
3	64QAM	1	0	19.39	19.38	19.29	20.5	1.5
3	64QAM	1	8	19.34	19.39	19.34		
3	64QAM	1	14	19.22	19.29	19.14		
3	64QAM	8	0	18.93	19.05	19.02	19.5	2.5
3	64QAM	8	4	18.92	18.96	18.84		
3	64QAM	8	7	18.84	18.85	18.84		
3	64QAM	15	0	18.90	18.88	18.84		
3	256QAM	1	0	17.05	17.11	16.96	17.5	4.5
3	256QAM	1	8	16.91	16.97	16.91		
3	256QAM	1	14	16.96	16.92	16.79		
3	256QAM	8	0	16.77	16.87	16.82	17.5	4.5
3	256QAM	8	4	16.85	16.89	16.84		
3	256QAM	8	7	16.66	16.78	16.57		
3	256QAM	15	0	16.71	16.93	16.87		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.36	21.37	21.37	22	0
1.4	QPSK	1	3	21.30	21.35	21.26		
1.4	QPSK	1	5	21.28	21.32	21.21		
1.4	QPSK	3	0	21.22	21.28	21.20		
1.4	QPSK	3	1	21.28	21.32	21.23		
1.4	QPSK	3	3	21.29	21.27	21.17		
1.4	QPSK	6	0	20.99	21.02	20.95	21.5	0.5
1.4	16QAM	1	0	20.92	21.04	20.91	21.5	0.5
1.4	16QAM	1	3	20.88	20.98	20.82		
1.4	16QAM	1	5	20.96	21.10	21.05		
1.4	16QAM	3	0	20.40	20.49	20.39		
1.4	16QAM	3	1	20.40	20.43	20.35		
1.4	16QAM	3	3	20.29	20.34	20.18		
1.4	16QAM	6	0	19.97	20.03	19.94	20.5	1.5
1.4	64QAM	1	0	19.86	19.95	19.94	20.5	1.5
1.4	64QAM	1	3	19.86	19.93	19.73		
1.4	64QAM	1	5	20.04	20.05	19.93		
1.4	64QAM	3	0	19.39	19.41	19.29		
1.4	64QAM	3	1	19.31	19.41	19.30		
1.4	64QAM	3	3	19.17	19.33	19.14		
1.4	64QAM	6	0	18.93	18.97	19.02	19.5	2.5
1.4	256QAM	1	0	17.00	17.09	16.92	17.5	4.5
1.4	256QAM	1	3	16.90	16.98	17.01		
1.4	256QAM	1	5	16.93	16.94	16.89		
1.4	256QAM	3	0	16.81	16.84	16.73		
1.4	256QAM	3	1	16.74	16.78	16.76		
1.4	256QAM	3	3	16.67	16.71	16.56		
1.4	256QAM	6	0	16.80	16.85	16.89	17.5	4.5

Band 66 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.43	21.57	21.51	22	0
20	QPSK	1	49	21.38	21.52	21.45		
20	QPSK	1	99	21.41	21.45	21.38		
20	QPSK	50	0	20.61	20.72	20.58	21	1
20	QPSK	50	24	20.52	20.64	20.51		
20	QPSK	50	50	20.51	20.57	20.43		
20	QPSK	100	0	20.56	20.65	20.57		
20	16QAM	1	0	20.73	20.87	20.84	21	1
20	16QAM	1	49	20.72	20.82	20.72		
20	16QAM	1	99	20.69	20.75	20.67		
20	16QAM	50	0	19.68	19.77	19.64	20	2
20	16QAM	50	24	19.63	19.72	19.62		
20	16QAM	50	50	19.53	19.65	19.50		
20	16QAM	100	0	19.62	19.69	19.58		
20	64QAM	1	0	19.64	19.77	19.73	20	2
20	64QAM	1	49	19.62	19.72	19.58		
20	64QAM	1	99	19.55	19.65	19.54		
20	64QAM	50	0	18.53	18.64	18.58	19	3
20	64QAM	50	24	18.44	18.59	18.51		
20	64QAM	50	50	18.38	18.52	18.47		
20	64QAM	100	0	18.67	18.73	18.59		
20	256QAM	1	0	16.62	16.71	16.60	17	5
20	256QAM	1	49	16.57	16.66	16.60		
20	256QAM	1	99	16.45	16.59	16.49		
20	256QAM	50	0	16.53	16.63	16.50	17	5
20	256QAM	50	24	16.48	16.58	16.50		
20	256QAM	50	50	16.43	16.51	16.37		
20	256QAM	100	0	16.52	16.61	16.49		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.36	21.53	21.42	22	0
15	QPSK	1	37	21.26	21.40	21.37		
15	QPSK	1	74	21.35	21.31	21.27		
15	QPSK	36	0	20.58	20.60	20.44	21	1
15	QPSK	36	20	20.46	20.56	20.38		
15	QPSK	36	39	20.45	20.43	20.37		
15	QPSK	75	0	20.42	20.57	20.52		
15	16QAM	1	0	20.64	20.77	20.72	21	1
15	16QAM	1	37	20.62	20.71	20.66		
15	16QAM	1	74	20.65	20.68	20.54		
15	16QAM	36	0	19.55	19.63	19.60	20	2
15	16QAM	36	20	19.48	19.61	19.56		
15	16QAM	36	39	19.45	19.50	19.40		
15	16QAM	75	0	19.50	19.58	19.47		
15	64QAM	1	0	19.58	19.72	19.59	20	2
15	64QAM	1	37	19.49	19.68	19.54		
15	64QAM	1	74	19.42	19.54	19.44		
15	64QAM	36	0	18.48	18.51	18.54	19	3
15	64QAM	36	20	18.33	18.51	18.43		
15	64QAM	36	39	18.25	18.44	18.39		
15	64QAM	75	0	18.54	18.61	18.55		
15	256QAM	1	0	16.53	16.57	16.51	17	5
15	256QAM	1	37	16.51	16.56	16.57		
15	256QAM	1	74	16.37	16.56	16.42		
15	256QAM	36	0	16.43	16.50	16.37	17	5
15	256QAM	36	20	16.39	16.46	16.40		
15	256QAM	36	39	16.34	16.47	16.31		
15	256QAM	75	0	16.46	16.47	16.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.28	21.50	21.40	22	0
10	QPSK	1	25	21.29	21.47	21.38		
10	QPSK	1	49	21.28	21.31	21.24		
10	QPSK	25	0	20.50	20.59	20.47	21	1
10	QPSK	25	12	20.42	20.56	20.41		
10	QPSK	25	25	20.44	20.49	20.36		
10	QPSK	50	0	20.50	20.52	20.44		
10	16QAM	1	0	20.62	20.74	20.77	21	1
10	16QAM	1	25	20.60	20.79	20.61		
10	16QAM	1	49	20.56	20.62	20.61		
10	16QAM	25	0	19.56	19.69	19.52	20	2
10	16QAM	25	12	19.56	19.61	19.53		
10	16QAM	25	25	19.44	19.54	19.41		
10	16QAM	50	0	19.49	19.66	19.48		
10	64QAM	1	0	19.53	19.64	19.60	20	2
10	64QAM	1	25	19.53	19.58	19.48		
10	64QAM	1	49	19.45	19.62	19.49		
10	64QAM	25	0	18.45	18.53	18.49	19	3
10	64QAM	25	12	18.38	18.49	18.45		
10	64QAM	25	25	18.33	18.42	18.42		
10	64QAM	50	0	18.56	18.67	18.51		
10	256QAM	1	0	16.59	16.64	16.50	17	5
10	256QAM	1	25	16.52	16.61	16.46		
10	256QAM	1	49	16.30	16.52	16.38		
10	256QAM	25	0	16.46	16.59	16.45	17	5
10	256QAM	25	12	16.43	16.52	16.47		
10	256QAM	25	25	16.39	16.37	16.32		
10	256QAM	50	0	16.39	16.58	16.46		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.35	21.44	21.41	22	0
5	QPSK	1	12	21.26	21.38	21.40		
5	QPSK	1	24	21.27	21.33	21.31		
5	QPSK	12	0	20.54	20.60	20.47	21	1
5	QPSK	12	7	20.40	20.54	20.36		
5	QPSK	12	13	20.37	20.45	20.29		
5	QPSK	25	0	20.49	20.53	20.44		
5	16QAM	1	0	20.59	20.73	20.80	21	1
5	16QAM	1	12	20.58	20.74	20.64		
5	16QAM	1	24	20.61	20.66	20.63		
5	16QAM	12	0	19.63	19.69	19.49	20	2
5	16QAM	12	7	19.56	19.62	19.48		
5	16QAM	12	13	19.38	19.53	19.36		
5	16QAM	25	0	19.56	19.54	19.55		
5	64QAM	1	0	19.50	19.73	19.63	20	2
5	64QAM	1	12	19.55	19.66	19.48		
5	64QAM	1	24	19.43	19.58	19.40		
5	64QAM	12	0	18.46	18.60	18.51	19	3
5	64QAM	12	7	18.40	18.45	18.41		
5	64QAM	12	13	18.26	18.43	18.36		
5	64QAM	25	0	18.59	18.60	18.46		
5	256QAM	1	0	16.53	16.57	16.52	17	5
5	256QAM	1	12	16.52	16.58	16.47		
5	256QAM	1	24	16.33	16.45	16.37		
5	256QAM	12	0	16.43	16.53	16.36	17	5
5	256QAM	12	7	16.43	16.44	16.46		
5	256QAM	12	13	16.40	16.37	16.22		
5	256QAM	25	0	16.44	16.51	16.36		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.31	21.47	21.42	22	0
3	QPSK	1	8	21.25	21.43	21.36		
3	QPSK	1	14	21.34	21.40	21.35		
3	QPSK	8	0	20.57	20.64	20.43	21	1
3	QPSK	8	4	20.43	20.49	20.42		
3	QPSK	8	7	20.41	20.48	20.32		
3	QPSK	15	0	20.42	20.51	20.50		
3	16QAM	1	0	20.63	20.81	20.81	21	1
3	16QAM	1	8	20.63	20.71	20.61		
3	16QAM	1	14	20.63	20.71	20.52		
3	16QAM	8	0	19.62	19.71	19.57	20	2
3	16QAM	8	4	19.51	19.68	19.51		
3	16QAM	8	7	19.49	19.53	19.44		
3	16QAM	15	0	19.58	19.64	19.50		
3	64QAM	1	0	19.55	19.72	19.62	20	2
3	64QAM	1	8	19.46	19.58	19.49		
3	64QAM	1	14	19.42	19.60	19.49		
3	64QAM	8	0	18.41	18.53	18.45	19	3
3	64QAM	8	4	18.34	18.56	18.39		
3	64QAM	8	7	18.29	18.38	18.37		
3	64QAM	15	0	18.56	18.65	18.54		
3	256QAM	1	0	16.53	16.60	16.51	17	5
3	256QAM	1	8	16.52	16.56	16.52		
3	256QAM	1	14	16.53	16.53	16.37		
3	256QAM	8	0	16.39	16.60	16.45	17	5
3	256QAM	8	4	16.41	16.49	16.38		
3	256QAM	8	7	16.29	16.41	16.30		
3	256QAM	15	0	16.42	16.48	16.42		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.35	21.48	21.39	22	0
1.4	QPSK	1	3	21.34	21.39	21.33		
1.4	QPSK	1	5	21.38	21.41	21.35		
1.4	QPSK	3	0	21.33	21.46	21.39		
1.4	QPSK	3	1	21.26	21.39	21.42		
1.4	QPSK	3	3	21.26	21.37	21.30		
1.4	QPSK	6	0	20.56	20.69	20.51	21.5	0.5
1.4	16QAM	1	0	20.40	20.49	20.47	21.5	0.5
1.4	16QAM	1	3	20.40	20.53	20.32		
1.4	16QAM	1	5	20.52	20.61	20.53		
1.4	16QAM	3	0	20.65	20.83	20.69		
1.4	16QAM	3	1	20.58	20.70	20.67		
1.4	16QAM	3	3	20.65	20.61	20.64		
1.4	16QAM	6	0	19.54	19.68	19.58	20.5	1.5
1.4	64QAM	1	0	19.59	19.66	19.51	20.5	1.5
1.4	64QAM	1	3	19.42	19.54	19.41		
1.4	64QAM	1	5	19.48	19.54	19.50		
1.4	64QAM	3	0	19.59	19.68	19.65		
1.4	64QAM	3	1	19.49	19.58	19.48		
1.4	64QAM	3	3	19.42	19.50	19.43		
1.4	64QAM	6	0	18.40	18.51	18.47	19.5	2.5
1.4	256QAM	1	0	16.49	16.65	16.49	17.5	4.5
1.4	256QAM	1	3	16.49	16.59	16.50		
1.4	256QAM	1	5	16.32	16.51	16.43		
1.4	256QAM	3	0	16.47	16.48	16.37		
1.4	256QAM	3	1	16.38	16.45	16.44		
1.4	256QAM	3	3	16.29	16.39	16.25		
1.4	256QAM	6	0	16.42	16.47	16.38	17.5	4.5

Band 38 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.13	18.45	18.29	19.9	0
20	QPSK	1	49	18.13	18.21	18.02		
20	QPSK	1	99	17.97	18.25	18.08		
20	QPSK	50	0	17.98	18.28	18.09		
20	QPSK	50	24	18.00	18.14	17.94		
20	QPSK	50	50	18.04	18.04	18.03		
20	QPSK	100	0	18.06	18.27	18.02		
20	16QAM	1	0	18.05	18.20	17.94	19.9	0
20	16QAM	1	49	17.99	18.32	18.05		
20	16QAM	1	99	18.12	18.17	17.93		
20	16QAM	50	0	17.90	18.24	18.16		
20	16QAM	50	24	17.94	17.99	17.98		
20	16QAM	50	50	18.15	18.22	18.10		
20	16QAM	100	0	18.06	18.01	18.10		
20	64QAM	1	0	18.01	18.22	18.23	19.9	0
20	64QAM	1	49	18.08	18.13	18.05		
20	64QAM	1	99	17.96	18.37	18.22		
20	64QAM	50	0	18.08	18.05	18.14		
20	64QAM	50	24	18.19	18.32	18.12		
20	64QAM	50	50	18.04	18.40	18.18		
20	64QAM	100	0	18.02	18.16	18.18		
20	256QAM	1	0	17.41	17.48	17.31	19	0.9
20	256QAM	1	49	17.29	17.34	17.21		
20	256QAM	1	99	17.20	17.30	17.19		
20	256QAM	50	0	17.31	17.46	17.36		
20	256QAM	50	24	17.36	17.33	17.27		
20	256QAM	50	50	17.21	17.33	17.11		
20	256QAM	100	0	17.25	17.27	17.25		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
15	QPSK	1	0	18.05	18.34	18.22	19.9	0
15	QPSK	1	37	18.01	18.13	17.93		
15	QPSK	1	74	17.91	18.19	17.98		
15	QPSK	36	0	18.18	18.18	18.00	19.9	0
15	QPSK	36	20	17.96	17.98	17.91		
15	QPSK	36	39	17.92	17.93	17.90		
15	QPSK	75	0	18.01	18.19	18.18		
15	16QAM	1	0	18.08	18.12	17.91	19.9	0
15	16QAM	1	37	17.95	18.25	17.95		
15	16QAM	1	74	18.03	18.08	18.10		
15	16QAM	36	0	18.06	18.08	18.09	19.9	0
15	16QAM	36	20	18.08	17.94	18.10		
15	16QAM	36	39	17.97	18.07	18.05		
15	16QAM	75	0	17.92	18.12	18.19		
15	64QAM	1	0	17.98	18.16	18.19	19.9	0
15	64QAM	1	37	17.90	18.10	17.97		
15	64QAM	1	74	18.16	18.21	18.07		
15	64QAM	36	0	18.04	17.95	18.11	19.9	0
15	64QAM	36	20	18.15	18.20	18.10		
15	64QAM	36	39	17.90	18.25	18.01		
15	64QAM	75	0	18.04	18.00	18.17		
15	256QAM	1	0	17.29	17.36	17.20	19	0.9
15	256QAM	1	37	17.15	17.19	17.12		
15	256QAM	1	74	17.10	17.23	17.05		
15	256QAM	36	0	17.19	17.42	17.31	19	0.9
15	256QAM	36	20	17.27	17.30	17.14		
15	256QAM	36	39	17.13	17.19	17.10		
15	256QAM	75	0	17.15	17.21	17.13		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	18.08	18.23	18.12	19.9	0
10	QPSK	1	25	17.99	18.18	17.95		
10	QPSK	1	49	17.94	18.12	17.97		
10	QPSK	25	0	18.15	18.23	18.01	19.9	0
10	QPSK	25	12	17.92	17.98	18.15		
10	QPSK	25	25	18.17	18.02	17.94		
10	QPSK	50	0	17.97	18.13	18.15		
10	16QAM	1	0	18.07	18.12	18.08	19.9	0
10	16QAM	1	25	18.04	18.26	17.99		
10	16QAM	1	49	17.96	18.11	18.13		
10	16QAM	25	0	18.15	18.08	18.11	19.9	0
10	16QAM	25	12	18.17	17.93	18.15		
10	16QAM	25	25	17.99	18.08	17.94		
10	16QAM	50	0	17.90	17.94	18.13		
10	64QAM	1	0	18.17	18.09	18.17	19.9	0
10	64QAM	1	25	17.99	17.98	17.95		
10	64QAM	1	49	18.04	18.20	18.14		
10	64QAM	25	0	18.04	17.98	18.18	19.9	0
10	64QAM	25	12	18.06	18.23	17.97		
10	64QAM	25	25	17.95	18.25	18.06		
10	64QAM	50	0	17.95	18.12	18.08		
10	256QAM	1	0	17.29	17.34	17.17	19	0.9
10	256QAM	1	25	17.18	17.24	17.09		
10	256QAM	1	49	17.16	17.26	17.04		
10	256QAM	25	0	17.24	17.36	17.29	19	0.9
10	256QAM	25	12	17.32	17.29	17.18		
10	256QAM	25	25	17.11	17.23	17.15		
10	256QAM	50	0	17.12	17.13	17.20		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2570.5	2595	2619.5	(dBm)	(dB)
5	QPSK	1	0	18.05	18.24	18.14	19.9	0
5	QPSK	1	12	18.11	18.08	17.95		
5	QPSK	1	24	18.14	18.14	18.01		
5	QPSK	12	0	17.96	18.19	18.03	19.9	0
5	QPSK	12	7	17.93	18.10	18.09		
5	QPSK	12	13	18.06	17.95	17.92		
5	QPSK	25	0	17.95	18.23	17.96		
5	16QAM	1	0	17.91	18.10	17.90	19.9	0
5	16QAM	1	12	18.04	18.27	17.94		
5	16QAM	1	24	18.10	18.01	18.13		
5	16QAM	12	0	18.15	18.08	18.05	19.9	0
5	16QAM	12	7	18.17	18.11	17.92		
5	16QAM	12	13	17.98	18.19	17.94		
5	16QAM	25	0	18.04	17.90	18.10		
5	64QAM	1	0	17.90	18.09	18.16	19.9	0
5	64QAM	1	12	17.90	17.96	17.90		
5	64QAM	1	24	17.93	18.21	18.11		
5	64QAM	12	0	18.01	17.98	18.06	19.9	0
5	64QAM	12	7	18.01	18.27	18.07		
5	64QAM	12	13	17.91	18.31	18.08		
5	64QAM	25	0	17.92	17.99	18.13		
5	256QAM	1	0	17.36	17.44	17.24	19	0.9
5	256QAM	1	12	17.17	17.30	17.17		
5	256QAM	1	24	17.07	17.25	17.07		
5	256QAM	12	0	17.23	17.33	17.27	19	0.9
5	256QAM	12	7	17.31	17.29	17.18		
5	256QAM	12	13	17.15	17.28	17.15		
5	256QAM	25	0	17.18	17.15	17.14		

Band 41 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.31	18.24	18.46	18.33	18.23	19.9	0
20	QPSK	1	49	18.37	18.25	18.31	18.10	18.17		
20	QPSK	1	99	18.25	18.11	18.35	18.16	18.14		
20	QPSK	50	0	18.14	18.12	18.37	18.27	18.20		
20	QPSK	50	24	18.30	18.15	18.27	18.02	18.08		
20	QPSK	50	50	18.22	18.08	18.20	18.08	18.00		
20	QPSK	100	0	18.21	18.20	18.35	18.19	18.14		
20	16QAM	1	0	18.28	18.10	18.22	18.01	18.03	19.9	0
20	16QAM	1	49	18.14	18.06	18.43	18.18	18.14		
20	16QAM	1	99	18.22	18.18	18.25	18.07	18.00		
20	16QAM	50	0	18.26	18.07	18.37	18.21	18.14		
20	16QAM	50	24	18.29	18.12	18.13	18.08	18.07		
20	16QAM	50	50	18.24	18.17	18.38	18.26	18.10		
20	16QAM	100	0	18.34	18.12	18.15	18.01	18.11		
20	64QAM	1	0	18.16	18.06	18.36	18.30	18.08	19.9	0
20	64QAM	1	49	18.28	18.20	18.23	18.08	18.11		
20	64QAM	1	99	18.18	18.10	18.42	18.26	18.08		
20	64QAM	50	0	18.26	18.21	18.15	17.94	18.05		
20	64QAM	50	24	18.24	18.21	18.43	18.28	18.16		
20	64QAM	50	50	18.19	18.13	18.43	18.28	18.14		
20	64QAM	100	0	18.32	18.11	18.26	17.96	18.15		
20	256QAM	1	0	17.53	17.51	17.62	17.49	17.53	19	0.9
20	256QAM	1	49	17.54	17.51	17.57	17.50	17.45		
20	256QAM	1	99	17.46	17.43	17.50	17.38	17.37		
20	256QAM	50	0	17.48	17.48	17.54	17.48	17.35		
20	256QAM	50	24	17.34	17.37	17.49	17.41	17.31	19	0.9
20	256QAM	50	50	17.30	17.35	17.42	17.33	17.32		
20	256QAM	100	0	17.43	17.36	17.48	17.35	17.40		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	18.20	18.09	18.35	18.29	18.06	19.90	0
15	QPSK	1	37	18.34	18.07	18.17	18.03	18.07		
15	QPSK	1	74	18.13	18.00	18.32	18.03	18.02		
15	QPSK	36	0	18.08	17.98	18.32	18.21	18.02	19.9	0
15	QPSK	36	20	18.26	18.12	18.11	17.95	18.02		
15	QPSK	36	39	18.12	17.91	18.02	18.01	17.94		
15	QPSK	75	0	18.19	18.14	18.22	18.10	18.06		
15	16QAM	1	0	18.10	17.95	18.10	18.19	17.96	19.9	0
15	16QAM	1	37	18.03	17.98	18.36	18.11	18.09		
15	16QAM	1	74	18.19	18.09	18.13	18.03	18.18		
15	16QAM	36	0	18.23	18.02	18.29	18.14	18.02	19.9	0
15	16QAM	36	20	18.13	18.01	17.96	17.99	17.98		
15	16QAM	36	39	18.10	18.07	18.34	18.19	18.02		
15	16QAM	75	0	18.21	18.06	18.12	17.95	18.06		
15	64QAM	1	0	18.07	18.04	18.21	18.19	18.01	19.9	0
15	64QAM	1	37	18.12	18.07	18.13	17.99	18.02		
15	64QAM	1	74	18.15	17.96	18.30	18.22	17.95		
15	64QAM	36	0	18.20	18.10	18.12	18.18	17.98	19.9	0
15	64QAM	36	20	18.08	18.19	18.25	18.12	18.04		
15	64QAM	36	39	18.11	17.95	18.29	18.20	18.00		
15	64QAM	75	0	18.17	18.01	18.10	18.29	18.11		
15	256QAM	1	0	17.40	17.46	17.53	17.37	17.41	19	0.9
15	256QAM	1	37	17.48	17.46	17.49	17.44	17.31		
15	256QAM	1	74	17.33	17.34	17.44	17.31	17.24		
15	256QAM	36	0	17.42	17.41	17.47	17.37	17.27	19	0.9
15	256QAM	36	20	17.27	17.33	17.44	17.38	17.26		
15	256QAM	36	39	17.25	17.30	17.29	17.25	17.27		
15	256QAM	75	0	17.36	17.32	17.34	17.29	17.25		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	18.27	18.14	18.41	18.23	18.19	19.90	0
10	QPSK	1	25	18.32	18.13	18.26	18.07	18.14		
10	QPSK	1	49	18.21	18.02	18.21	18.14	17.99		
10	QPSK	25	0	18.01	18.01	18.19	18.11	18.13	19.9	0
10	QPSK	25	12	18.13	17.98	18.25	17.96	18.01		
10	QPSK	25	25	18.20	17.91	18.07	17.94	17.90		
10	QPSK	50	0	18.13	18.17	18.28	18.11	18.03		
10	16QAM	1	0	18.11	17.95	18.09	18.23	18.20	19.9	0
10	16QAM	1	25	18.10	17.99	18.26	18.16	17.96		
10	16QAM	1	49	18.05	18.04	18.17	17.98	18.29		
10	16QAM	25	0	18.14	17.90	18.21	18.16	18.11	19.9	0
10	16QAM	25	12	18.15	18.09	18.09	17.92	17.99		
10	16QAM	25	25	18.15	18.04	18.26	18.11	18.05		
10	16QAM	50	0	18.27	17.98	18.06	18.24	18.05		
10	64QAM	1	0	18.01	18.01	18.26	18.23	17.98	19.9	0
10	64QAM	1	25	18.23	18.16	18.19	18.00	18.04		
10	64QAM	1	49	18.06	18.06	18.34	18.20	18.03		
10	64QAM	25	0	18.16	18.06	18.07	18.30	17.91	19.9	0
10	64QAM	25	12	18.17	18.13	18.39	18.14	18.07		
10	64QAM	25	25	18.03	17.95	18.27	18.23	18.01		
10	64QAM	50	0	18.20	17.97	18.12	18.21	18.11		
10	256QAM	1	0	17.40	17.42	17.56	17.46	17.40	19	0.9
10	256QAM	1	25	17.44	17.46	17.53	17.43	17.38		
10	256QAM	1	49	17.43	17.39	17.45	17.23	17.29		
10	256QAM	25	0	17.43	17.34	17.50	17.40	17.28	19	0.9
10	256QAM	25	12	17.29	17.27	17.44	17.27	17.20		
10	256QAM	25	25	17.23	17.23	17.37	17.27	17.28		
10	256QAM	50	0	17.30	17.25	17.43	17.24	17.33		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	18.29	18.16	18.36	18.25	18.19	19.90	0
5	QPSK	1	12	18.33	18.08	18.25	17.98	18.08		
5	QPSK	1	24	18.10	18.07	18.17	18.10	17.99		
5	QPSK	12	0	18.11	18.07	18.26	18.15	18.12	19.9	0
5	QPSK	12	7	18.17	18.09	18.24	17.92	17.94		
5	QPSK	12	13	18.18	18.05	18.14	17.95	18.23		
5	QPSK	25	0	18.16	18.04	18.29	18.13	18.10		
5	16QAM	1	0	18.14	17.93	18.17	18.30	18.18	19.9	0
5	16QAM	1	12	18.12	17.99	18.34	18.01	18.02		
5	16QAM	1	24	18.08	18.06	18.17	18.00	17.96		
5	16QAM	12	0	18.09	18.04	18.29	18.16	17.98	19.9	0
5	16QAM	12	7	18.18	18.04	18.07	18.00	18.02		
5	16QAM	12	13	18.06	18.14	18.33	18.21	18.05		
5	16QAM	25	0	18.20	18.08	18.12	18.23	17.96		
5	64QAM	1	0	18.05	18.00	18.28	18.19	17.96	19.9	0
5	64QAM	1	12	18.21	18.14	18.12	17.97	18.09		
5	64QAM	1	24	18.05	18.01	18.32	18.14	17.91		
5	64QAM	12	0	18.14	18.14	18.09	18.26	17.92	19.9	0
5	64QAM	12	7	18.10	18.16	18.26	18.20	18.06		
5	64QAM	12	13	18.17	17.99	18.27	18.21	18.08		
5	64QAM	25	0	18.16	18.09	18.16	17.91	18.11		
5	256QAM	1	0	17.46	17.36	17.48	17.36	17.48	19	0.9
5	256QAM	1	12	17.46	17.44	17.47	17.40	17.38		
5	256QAM	1	24	17.33	17.40	17.40	17.26	17.30		
5	256QAM	12	0	17.34	17.43	17.49	17.45	17.31	19	0.9
5	256QAM	12	7	17.26	17.26	17.45	17.34	17.27		
5	256QAM	12	13	17.25	17.26	17.32	17.21	17.26		
5	256QAM	25	0	17.33	17.26	17.44	17.20	17.28		

Band 41 HPUE Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.68	19.68	19.74	19.63	19.63	21.5	0
20	QPSK	1	49	19.53	19.58	19.66	19.57	19.60		
20	QPSK	1	99	19.56	19.51	19.72	19.51	19.56		
20	QPSK	50	0	19.61	19.54	19.67	19.61	19.54		
20	QPSK	50	24	19.53	19.52	19.60	19.56	19.56		
20	QPSK	50	50	19.65	19.64	19.63	19.50	19.60		
20	QPSK	100	0	19.65	19.59	19.66	19.60	19.60		
20	16QAM	1	0	19.57	19.59	19.69	19.58	19.53	21.5	0
20	16QAM	1	49	19.57	19.59	19.58	19.54	19.57		
20	16QAM	1	99	19.56	19.52	19.70	19.60	19.60		
20	16QAM	50	0	19.64	19.54	19.60	19.54	19.60		
20	16QAM	50	24	19.59	19.60	19.61	19.51	19.58		
20	16QAM	50	50	19.53	19.59	19.66	19.53	19.57		
20	16QAM	100	0	19.63	19.59	19.71	19.52	19.54		
20	64QAM	1	0	19.62	19.61	19.68	19.60	19.55	21.5	0
20	64QAM	1	49	19.57	19.54	19.58	19.57	19.60		
20	64QAM	1	99	19.62	19.63	19.66	19.61	19.50		
20	64QAM	50	0	19.60	19.62	19.56	19.50	19.56		
20	64QAM	50	24	19.64	19.57	19.72	19.54	19.57		
20	64QAM	50	50	19.53	19.65	19.60	19.59	19.51		
20	64QAM	100	0	19.64	19.52	19.68	19.53	19.52		
20	256QAM	1	0	19.62	19.60	19.65	19.52	19.56	21.5	0
20	256QAM	1	49	19.55	19.62	19.71	19.54	19.50		
20	256QAM	1	99	19.59	19.59	19.62	19.60	19.56		
20	256QAM	50	0	19.58	19.57	19.62	19.60	19.50		
20	256QAM	50	24	19.56	19.53	19.66	19.61	19.59		
20	256QAM	50	50	19.52	19.60	19.63	19.55	19.55		
20	256QAM	100	0	19.51	19.58	19.59	19.52	19.53		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	19.57	19.50	19.68	19.55	19.57	21.50	0
15	QPSK	1	37	19.62	19.61	19.67	19.58	19.62		
15	QPSK	1	74	19.57	19.62	19.71	19.54	19.53		
15	QPSK	36	0	19.62	19.61	19.65	19.59	19.55	21.5	0
15	QPSK	36	20	19.50	19.60	19.58	19.60	19.50		
15	QPSK	36	39	19.58	19.54	19.57	19.54	19.53		
15	QPSK	75	0	19.53	19.60	19.59	19.54	19.59		
15	16QAM	1	0	19.56	19.57	19.66	19.52	19.64	21.5	0
15	16QAM	1	37	19.64	19.56	19.59	19.54	19.58		
15	16QAM	1	74	19.59	19.58	19.62	19.59	19.57		
15	16QAM	36	0	19.52	19.63	19.57	19.54	19.53		
15	16QAM	36	20	19.62	19.51	19.61	19.57	19.54		
15	16QAM	36	39	19.52	19.60	19.59	19.51	19.64		
15	16QAM	75	0	19.63	19.57	19.62	19.53	19.50		
15	64QAM	1	0	19.57	19.54	19.70	19.57	19.64	21.5	0
15	64QAM	1	37	19.58	19.64	19.71	19.65	19.58		
15	64QAM	1	74	19.63	19.52	19.59	19.56	19.56		
15	64QAM	36	0	19.62	19.53	19.63	19.52	19.51	21.5	0
15	64QAM	36	20	19.57	19.56	19.59	19.52	19.59		
15	64QAM	36	39	19.53	19.56	19.58	19.50	19.52		
15	64QAM	75	0	19.58	19.55	19.60	19.64	19.58		
15	256QAM	1	0	19.52	19.64	19.66	19.59	19.52	21.5	0
15	256QAM	1	37	19.57	19.58	19.68	19.63	19.64		
15	256QAM	1	74	19.60	19.52	19.66	19.53	19.52		
15	256QAM	36	0	19.52	19.51	19.71	19.54	19.58	21.5	0
15	256QAM	36	20	19.60	19.60	19.66	19.52	19.52		
15	256QAM	36	39	19.65	19.51	19.60	19.55	19.52		
15	256QAM	75	0	19.61	19.53	19.64	19.57	19.51		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	19.57	19.58	19.58	19.59	19.57	21.50	0
10	QPSK	1	25	19.59	19.62	19.61	19.55	19.50		
10	QPSK	1	49	19.51	19.61	19.72	19.57	19.57		
10	QPSK	25	0	19.60	19.57	19.59	19.60	19.51	21.5	0
10	QPSK	25	12	19.64	19.57	19.68	19.58	19.52		
10	QPSK	25	25	19.62	19.53	19.66	19.52	19.54		
10	QPSK	50	0	19.51	19.53	19.71	19.50	19.50		
10	16QAM	1	0	19.51	19.60	19.70	19.55	19.51	21.5	0
10	16QAM	1	25	19.65	19.63	19.66	19.63	19.52		
10	16QAM	1	49	19.64	19.60	19.60	19.52	19.50		
10	16QAM	25	0	19.57	19.53	19.66	19.56	19.64	21.5	0
10	16QAM	25	12	19.66	19.61	19.62	19.59	19.52		
10	16QAM	25	25	19.64	19.53	19.57	19.60	19.52		
10	16QAM	50	0	19.51	19.51	19.61	19.54	19.52		
10	64QAM	1	0	19.59	19.54	19.66	19.54	19.53	21.5	0
10	64QAM	1	25	19.59	19.60	19.60	19.57	19.51		
10	64QAM	1	49	19.

Band 42 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.03	18.14	18.08		
20	QPSK	1	49	17.97	18.02	17.99	19.3	0
20	QPSK	1	99	17.83	18.02	17.87		
20	QPSK	50	0	17.86	18.06	17.93		
20	QPSK	50	24	17.68	17.88	17.96	19.3	0
20	QPSK	50	50	17.68	17.95	17.76		
20	QPSK	100	0	17.95	18.04	18.01		
20	16QAM	1	0	17.92	17.90	17.81		
20	16QAM	1	49	17.68	17.90	17.72	19.3	0
20	16QAM	1	99	17.98	17.96	17.93		
20	16QAM	50	0	17.89	17.87	17.82		
20	16QAM	50	24	17.65	17.85	17.71	19.3	0
20	16QAM	50	50	17.97	18.01	18.04		
20	16QAM	100	0	17.98	18.02	18.00		
20	64QAM	1	0	17.94	18.08	17.99		
20	64QAM	1	49	17.92	17.97	17.87	19.3	0
20	64QAM	1	99	17.78	17.87	17.77		
20	64QAM	50	0	17.90	18.04	17.96		
20	64QAM	50	24	17.87	17.97	17.91	19	0.3
20	64QAM	50	50	17.82	17.87	17.90		
20	64QAM	100	0	17.76	17.97	17.72		
20	256QAM	1	0	16.23	16.31	16.22		
20	256QAM	1	49	16.11	16.26	16.20	17	2.3
20	256QAM	1	99	16.06	16.19	16.05		
20	256QAM	50	0	16.11	16.25	16.20		
20	256QAM	50	24	16.10	16.20	16.11	17	2.3
20	256QAM	50	50	16.08	16.13	16.06		
20	256QAM	100	0	16.07	16.22	16.09		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	17.93	18.03	17.99		
15	QPSK	1	37	17.86	17.87	17.93	19.3	0
15	QPSK	1	74	17.71	17.98	17.76		
15	QPSK	36	0	17.74	17.98	17.79		
15	QPSK	36	20	17.85	17.80	17.81	19.3	0
15	QPSK	36	39	17.53	17.79	17.59		
15	QPSK	75	0	17.90	18.00	17.97		
15	16QAM	1	0	17.87	17.75	17.78		
15	16QAM	1	37	17.61	17.84	17.61	19.3	0
15	16QAM	1	74	17.91	17.91	17.78		
15	16QAM	36	0	17.86	17.74	17.74		
15	16QAM	36	20	17.56	17.77	17.55	19.3	0
15	16QAM	36	39	17.81	17.96	17.89		
15	16QAM	75	0	17.90	17.88	17.88		
15	64QAM	1	0	17.90	17.98	17.82		
15	64QAM	1	37	17.83	17.83	17.70	19.3	0
15	64QAM	1	74	17.61	17.69	17.61		
15	64QAM	36	0	17.87	18.01	17.85		
15	64QAM	36	20	17.74	17.89	17.83	19	0.3
15	64QAM	36	39	17.69	17.74	17.87		
15	64QAM	75	0	17.60	17.79	17.60		
15	256QAM	1	0	16.13	16.24	16.14		
15	256QAM	1	37	15.96	16.20	16.12	17	2.3
15	256QAM	1	74	15.99	16.07	15.91		
15	256QAM	36	0	15.99	16.13	16.06		
15	256QAM	36	20	16.07	16.06	16.03	17	2.3
15	256QAM	36	39	16.00	16.04	16.00		
15	256QAM	75	0	15.93	16.14	16.04		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	17.90	18.11	18.04		
10	QPSK	1	25	17.80	17.88	17.92	19.3	0
10	QPSK	1	49	17.74	17.96	17.79		
10	QPSK	25	0	17.71	18.00	17.81		
10	QPSK	25	12	17.80	17.77	17.90	19.3	0
10	QPSK	25	25	17.65	17.80	17.67		
10	QPSK	50	0	17.87	17.97	17.91		
10	16QAM	1	0	17.90	17.77	17.73		
10	16QAM	1	25	17.54	17.86	17.60	19.3	0
10	16QAM	1	49	17.91	17.80	17.85		
10	16QAM	25	0	17.83	17.79	17.68		
10	16QAM	25	12	17.57	17.79	17.58	19.3	0
10	16QAM	25	25	17.94	17.90	17.87		
10	16QAM	50	0	17.81	17.97	17.83		
10	64QAM	1	0	17.81	17.92	17.91		
10	64QAM	1	25	17.90	17.85	17.71	19.3	0
10	64QAM	1	49	17.69	17.83	17.73		
10	64QAM	25	0	17.78	17.96	17.78		
10	64QAM	25	12	17.83	17.92	17.87	19	0.3
10	64QAM	25	25	17.77	17.84	17.75		
10	64QAM	50	0	17.74	17.92	17.67		
10	256QAM	1	0	16.15	16.26	16.15		
10	256QAM	1	25	15.96	16.20	16.15	17	2.3
10	256QAM	1	49	15.93	16.07	15.93		
10	256QAM	25	0	16.00	16.11	16.09		
10	256QAM	25	12	15.97	16.15	16.01	17	2.3
10	256QAM	25	25	16.02	15.99	15.98		
10	256QAM	50	0	16.00	16.15	15.98		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	17.89	18.01	18.00		
5	QPSK	1	12	17.92	17.93	17.87	19.3	0
5	QPSK	1	24	17.73	18.00	17.83		
5	QPSK	12	0	17.83	17.97	17.88		
5	QPSK	12	7	17.83	17.72	17.90	19.3	0
5	QPSK	12	13	17.58	17.87	17.64		
5	QPSK	25	0	17.93	17.89	17.91		
5	16QAM	1	0	17.82	17.84	17.74		
5	16QAM	1	12	17.55	17.88	17.57	19.3	0
5	16QAM	1	24	17.89	17.94	17.85		
5	16QAM	12	0	17.73	17.70	17.78		
5	16QAM	12	7	17.62	17.71	17.60	19.3	0
5	16QAM	12	13	17.80	17.89	18.00		
5	16QAM	25	0	17.86	17.93	17.83		
5	64QAM	1	0	17.81	18.05	17.81		
5	64QAM	1	12	17.89	17.85	17.71	19.3	0
5	64QAM	1	24	17.66	17.73	17.61		
5	64QAM	12	0	17.74	18.01	17.79		
5	64QAM	12	7	17.78	17.81	17.78	19	0.3
5	64QAM	12	13	17.76	17.75	17.75		
5	64QAM	25	0	17.71	17.87	17.54		
5	256QAM	1	0	16.12	16.24	16.13		
5	256QAM	1	12	16.02	16.16	16.12	17	2.3
5	256QAM	1	24	16.02	16.06	15.95		
5	256QAM	12	0	16.00	16.12	16.14		
5	256QAM	12	7	16.07	16.07	16.00	17	2.3
5	256QAM	12	13	16.03	16.06	15.94		
5	256QAM	25	0	16.03	16.13	16.04		

Band 42 Part 96 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3660	3575	3590		
20	QPSK	1	0	17.92	18.05	18.04		
20	QPSK	1	49	17.82	17.97	17.96	19.3	0
20	QPSK	1	99	17.75	17.87	17.79		
20	QPSK	50	0	17.75	17.98	17.78		
20	QPSK	50	24	17.75	17.75	17.85	19.3	0
20	QPSK	50	50	17.62	17.84	17.73		
20	QPSK	100	0	17.81	17.91	17.89		
20	16QAM	1	0	17.76	17.84	17.68		
20	16QAM	1	49	17.63	17.88	17.67	19.3	0
20	16QAM	1	99	17.88	17.87	17.81		
20	16QAM	50	0	17.74	17.75	17.79		
20	16QAM	50	24	17.63	17.71	17.64	19.3	0
20	16QAM	50	50	17.90	17.96	17.94		
20	16QAM	100	0	17.87	17.86	17.94		
20	64QAM	1	0	17.90	17.93	17.91		
20	64QAM	1	49	17.79	17.87	17.73	19.3	0
20	64QAM	1	99	17.65	17.80	17.62		
20	64QAM	50	0	17.87	17.95	17.84		
20	64QAM	50	24	17.74	17.96	17.86	19	0.3
20	64QAM	50	50	17.70	17.76	17.74		
20	64QAM	100	0	17.68	17.83	17.65		
20	256QAM	1	0	16.20	16.16	16.13		
20	256QAM	1	49	16.02	16.14	16.13	17	2.3
20	256QAM	1	99	15.97	16.14	15.88		
20	256QAM	50	0	16.00	16.12	16.14		
20	256QAM	50	24	16.05	16.14	16.02	17	2.3
20	256QAM	50	50	16.04	15.99	15.99		
20	256QAM	100	0	15.91	16.21	16.06		
Channel				43165	43340	43515	Tune-up limit	MPR
Frequency (MHz)				3657.5	3575	3592.5	(dBm)	(dB)
15	QPSK	1	0	17.75	17.99	17.93		
15	QPSK	1	37	17.74	17.89	17.79	19.3	0
15	QPSK	1	74	17.70	17.72	17.78		
15	QPSK	36	0	17.69	17.91	17.68		
15	QPSK	36	20	17.67	17.65	17.80	19.3	0
15	QPSK	36	39	17.46	17.82	17.66		
15	QPSK	75	0	17.68	17.75	17.86		
15	16QAM	1	0	17.62	17.82	17.58		
15	16QAM	1	37	17.62	17.77	17.55	19.3	0
15	16QAM	1	74	17.84	17.82	17.66		
15	16QAM	36	0	17.68	17.60	17.64		
15	16QAM	36	20	17.48	17.62	17.49	19.3	0
15	16QAM	36	39	17.85	17.89	17.87		
15	16QAM	75	0	17.74	17.83	17.89		
15	64QAM	1	0	17.87	17.89	17.82		
15	64QAM	1	37	17.71	17.74	17.57	19.3	0
15	64QAM	1	74	17.52	17.67	17.45		
15	64QAM	36	0	17.77	17.80	17.69		
15	64QAM	36	20	17.60	17.85	17.80	19	0.3
15	64QAM	36	39	17.65	17.74	17.71		
15	64QAM	75	0	17.64	17.69	17.59		
15	256QAM	1	0	16.13	16.08	16.06		
15	256QAM	1	37	16.01	16.11	16.07	17	2.3
15	256QAM	1	74	15.81	16.04	15.84		
15	256QAM	36	0	15.91	16.07	16.03		
15	256QAM	36	20	15.93	16.00	15.87	17	2.3
15	256QAM	36	39	15.90	15.84	15.83		
15	256QAM	75	0	15.81	16.09	16.05		
Channel				43140	43340	43540	Tune-up limit	MPR
Frequency (MHz)				3655	3575	3595	(dBm)	(dB)
10	QPSK	1	0	17.80	18.01	18.02		
10	QPSK	1	25	17.75	17.86	17.82	19.3	0
10	QPSK	1	49	17.59	17.79	17.76		
10	QPSK	25	0	17.68	17.90	17.74		
10	QPSK	25	12	17.73	17.66	17.73	19.3	0
10	QPSK	25	25	17.49	17.78	17.69		
10	QPSK	50	0	17.69	17.86	17.83		
10	16QAM	1	0	17.67	17.73	17.64		
10	16QAM	1	25	17.54	17.82	17.57	19.3	0
10	16QAM	1	49	17.86	17.79	17.78		
10	16QAM	25	0	17.68	17.66	17.75		
10	16QAM	25	12	17.60	17.61	17.51	19.3	0
10	16QAM	25	25	17.79	17.87	17.89		
10	16QAM	50	0	17.84	17.69	17.87		
10	64QAM	1	0	17.80	17.81	17.80		
10	64QAM	1	25	17.71	17.72	17.57	19.3	0
10	64QAM	1	49	17.52	17.78	17.55		
10	64QAM	25	0	17.74	17.94	17.83		
10	64QAM	25	12	17.57	17.86	17.71	19	0.3
10	64QAM	25	25	17.57	17.64	17.62		
10	64QAM	50	0	17.56	17.71	17.52		
10	256QAM	1	0	16.03	16.07	15.98		
10	256QAM	1	25	15.90	16.05	16.06	17	2.3
10	256QAM	1	49	15.80	16.01	15.74		
10	256QAM	25	0	15.83	16.03	16.08		
10	256QAM	25	12	16.03	16.08	16.00	17	2.3
10	256QAM	25	25	15.99	15.96	15.96		
10	256QAM	50	0	15.80	16.18	16.03		
Channel				43115	43340	43565	Tune-up limit	MPR
Frequency (MHz)				3652.5	3575	3597.5	(dBm)	(dB)
5	QPSK	1	0	17.80	17.92	17.95		
5	QPSK	1	12	17.72	17.89	17.87	19.3	0
5	QPSK	1	24	17.66	17.81	17.68		
5	QPSK	12	0	17.72	17.96	17.76		
5	QPSK	12	7	17.60	17.74	17.70	19.3	0
5	QPSK	12	13	17.65	17.69	17.72		
5	QPSK	25	0	17.80	17.77	17.79		
5	16QAM	1	0	17.63	17.80	17.66		
5	16QAM	1	12	17.53	17.83	17.64	19.3	0
5	16QAM	1	24	17.87	17.82	17.65		
5	16QAM	12	0	17.67	17.69	17.65		
5	16QAM	12	7	17.61	17.56	17.53	19.3	0
5	16QAM	12	13	17.87	17.87	17.89		
5	16QAM	25	0	17.84	17.75	17.80		
5	64QAM	1	0	17.81	17.80	17.83		
5	64QAM	1	12	17.72	17.86	17.57	19.3	0
5	64QAM	1	24	17.58	17.78	17.55		
5	64QAM	12	0	17.85	17.92	17.71		
5	64QAM	12	7	17.68	17.89	17.76	19	0.3
5	64QAM	12	13	17.63	17.62	17.66		
5	64QAM	25	0	17.54	17.78	17.59		
5	256QAM	1	0	16.16	16.06	16.10		
5	256QAM	1	12	15.86	16.11	16.10	17	2.3
5	256QAM	1	24	15.91	16.03	15.85		
5	256QAM	12	0	15.84	15.99	16.08		
5	256QAM	12	7	15.95	16.05	15.86	17	2.3
5	256QAM	12	13	15.92	15.93	15.86		
5	256QAM	25	0	15.89	16.10	15.96		

Band 43 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3810	3850	3890		
20	QPSK	1	0	18.47	18.56	18.53		
20	QPSK	1	49	18.33	18.46	18.48	20	0
20	QPSK	1	99	18.30	18.36	18.37		
20	QPSK	50	0	18.32	18.51	18.48		
20	QPSK	50	24	18.29	18.40	18.44	20	0
20	QPSK	50	50	18.29	18.36	18.20		
20	QPSK	100	0	18.34	18.44	18.36		
20	16QAM	1	0	18.21	18.31	18.41		
20	16QAM	1	49	18.14	18.34	18.25	20	0
20	16QAM	1	99	18.29	18.49	18.23		
20	16QAM	50	0	18.28	18.29	18.39		
20	16QAM	50	24	18.26	18.24	18.19	20	0
20	16QAM	50	50	18.35	18.52	18.34		
20	16QAM	100	0	18.35	18.37	18.35		
20	64QAM	1	0	18.03	18.35	18.12		
20	64QAM	1	49	18.34	18.39	18.29	20	0
20	64QAM	1	99	18.36	18.25	18.44		
20	64QAM	50	0	18.11	18.15	18.06		
20	64QAM	50	24	17.96	18.10	18.06	19	1
20	64QAM	50	50	17.90	18.03	17.90		
20	64QAM	100	0	17.94	18.02	17.98		
20	256QAM	1	0	16.07	16.15	16.01		
20	256QAM	1	49	15.96	16.10	16.04	17	3
20	256QAM	1	99	15.93	16.03	15.88		
20	256QAM	50	0	15.96	16.09	16.06		
20	256QAM	50	24	16.00	16.04	15.93	17	3
20	256QAM	50	50	15.93	15.97	15.92		
20	256QAM	100	0	15.82	15.96	15.87		
Channel				43665	44090	44515	Tune-up limit	MPR
Frequency (MHz)				3807.5	3850	3892.5	(dBm)	(dB)
15	QPSK	1	0	18.29	18.47	18.43		
15	QPSK	1	37	18.31	18.37	18.41	20	0
15	QPSK	1	74	18.14	18.33	18.26		
15	QPSK	36	0	18.18	18.44	18.45		
15	QPSK	36	20	18.12	18.33	18.33	20	0
15	QPSK	36	39	18.17	18.33	18.16		
15	QPSK	75	0	18.20	18.35	18.24		
15	16QAM	1	0	18.11	18.23	18.35		
15	16QAM	1	37	18.11	18.24	18.11	20	0
15	16QAM	1	74	18.13	18.34	18.15		
15	16QAM	36	0	18.12	18.17	18.27		
15	16QAM	36	20	18.21	18.09	18.13	20	0
15	16QAM	36	39	18.32	18.43	18.24		
15	16QAM	75	0	18.32	18.19	18.18		
15	64QAM	1	0	18.29	18.29	18.10		
15	64QAM	1	37	18.19	18.28	18.18	20	0
15	64QAM	1	74	18.25	18.14	18.36		
15	64QAM	36	0	18.05	18.02	18.02		
15	64QAM	36	20	17.86	18.06	17.93	19	1
15	64QAM	36	39	17.87	17.97	17.94		
15	64QAM	75	0	17.89	17.94	17.95		
15	256QAM	1	0	15.96	16.08	15.89		
15	256QAM	1	37	15.91	15.97	15.90	17	3
15	256QAM	1	74	15.84	15.91	15.79		
15	256QAM	36	0	15.83	15.98	15.92		
15	256QAM	36	20	15.87	15.96	15.85	17	3
15	256QAM	36	39	15.82	15.87	15.85		
15	256QAM	75	0	15.78	15.85	15.83		
Channel				43640	44090	44540	Tune-up limit	MPR
Frequency (MHz)				3805	3850	3895	(dBm)	(dB)
10	QPSK	1	0	18.44	18.41	18.37		
10	QPSK	1	25	18.25	18.38	18.31	20	0
10	QPSK	1	49	18.14	18.28	18.22		
10	QPSK	25	0	18.16	18.40	18.43		
10	QPSK	25	12	18.17	18.34	18.39	20	0
10	QPSK	25	25	18.25	18.30	18.14		
10	QPSK	50	0	18.24	18.29	18.32		
10	16QAM	1	0	18.12	18.15	18.36		
10	16QAM	1	25	18.05	18.22	18.16	20	0
10	16QAM	1	49	18.25	18.34	18.13		
10	16QAM	25	0	18.26	18.14	18.29		
10	16QAM	25	12	18.16	18.14	18.13	20	0
10	16QAM	25	25	18.25	18.37	18.18		
10	16QAM	50	0	18.19	18.31	18.27		
10	64QAM	1	0	18.20	18.26	18.09		
10	64QAM	1	25	18.16	18.29	18.12	20	0
10	64QAM	1	49	18.23	18.21	18.33		
10	64QAM	25	0	18.01	18.04	17.91		
10	64QAM	25	12	17.90	17.95	17.96	19	1
10	64QAM	25	25	17.81	18.00	17.78		
10	64QAM	50	0	17.79	17.98	17.85		
10	256QAM	1	0	15.92	16.07	15.89		
10	256QAM	1	25	15.82	15.97	15.94	17	3
10	256QAM	1	49	15.79	15.97	15.79		
10	256QAM	25	0	15.85	16.00	15.93		
10	256QAM	25	12	15.92	15.97	15.88	17	3
10	256QAM	25	25	15.79	15.90	15.87		
10	256QAM	50	0	15.67	15.90	15.80		
Channel				43615	44090	44565	Tune-up limit	MPR
Frequency (MHz)				3802.5	3850	3897.5	(dBm)	(dB)
5	QPSK	1	0	18.32	18.53	18.37		
5	QPSK	1	12	18.26	18.34	18.35	20	0
5	QPSK	1	24	18.25	18.23	18.24		
5	QPSK	12	0	18.25	18.45	18.31		
5	QPSK	12	7	18.19	18.34	18.27	20	0
5	QPSK	12	13	18.16	18.27	18.06		
5	QPSK	25	0	18.28	18.26	18.33		
5	16QAM	1	0	18.03	18.29	18.30		
5	16QAM	1	12	18.26	18.17	18.11	20	0
5	16QAM	1	24	18.22	18.40	18.16		
5	16QAM	12	0	18.17	18.24	18.32		
5	16QAM	12	7	18.18	18.08	18.05	20	0
5	16QAM	12	13	18.32	18.38	18.17		
5	16QAM	25	0	18.29	18.19	18.24		
5	64QAM	1	0	18.28	18.25	18.07		
5	64QAM	1	12	18.27	18.24	18.19	20	0
5	64QAM	1	24	18.34	18.17	18.27		
5	64QAM	12	0	18.05	18.12	17.98		
5	64QAM	12	7	17.86	17.97	17.95	19	1
5	64QAM	12	13	17.76	18.00	17.86		
5	64QAM	25	0	17.81	17.96	17.91		
5	256QAM	1	0	15.96	16.01	15.92		
5	256QAM	1	12	15.91	15.99	15.89	17	3
5	256QAM	1	24	15.88	15.89	15.74		
5	256QAM	12	0	15.90	15.99	15.95		
5	256QAM	12	7	15.96	15.98	15.81	17	3
5	256QAM	12	13	15.79	15.87	15.84		
5	256QAM	25	0	15.75	15.87	15.83		

Band 48 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.52	18.61	18.57	18.55	20	0
20	QPSK	1	49	18.50	18.59	18.56	18.52		
20	QPSK	1	99	18.35	18.54	18.41	18.44		
20	QPSK	50	0	18.49	18.58	18.52	18.42	20	0
20	QPSK	50	24	18.42	18.55	18.48	18.35		
20	QPSK	50	50	18.33	18.45	18.27	18.38		
20	QPSK	100	0	18.42	18.52	18.48	18.43		
20	16QAM	1	0	18.36	18.43	18.48	18.37	20	0
20	16QAM	1	49	18.18	18.42	18.29	18.36		
20	16QAM	1	99	18.43	18.54	18.41	18.45		
20	16QAM	50	0	18.36	18.42	18.49	18.50	20	0
20	16QAM	50	24	18.28	18.41	18.35	18.36		
20	16QAM	50	50	18.49	18.56	18.40	18.46		
20	16QAM	100	0	18.43	18.52	18.40	18.43		
20	64QAM	1	0	18.20	18.51	18.27	18.35	20	0
20	64QAM	1	49	18.49	18.52	18.45	18.50		
20	64QAM	1	99	18.38	18.43	18.53	18.50		
20	64QAM	50	0	18.21	18.52	18.33	18.39	20	0
20	64QAM	50	24	18.46	18.45	18.43	18.41		
20	64QAM	50	50	18.41	18.45	18.44	18.49		
20	64QAM	100	0	18.23	18.37	18.32	18.37		
20	256QAM	1	0	17.29	17.34	17.24	17.28	18	2
20	256QAM	1	49	17.21	17.29	17.25	17.19		
20	256QAM	1	99	17.14	17.22	17.09	17.10		
20	256QAM	50	0	17.16	17.28	17.14	17.17	18	2
20	256QAM	50	24	17.18	17.23	17.16	17.19		
20	256QAM	50	50	17.10	17.16	17.10	17.04		
20	256QAM	100	0	17.18	17.23	17.15	17.12		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.42	18.54	18.52	18.41	20	0
15	QPSK	1	37	18.37	18.48	18.48	18.49		
15	QPSK	1	74	18.20	18.44	18.24	18.28		
15	QPSK	36	0	18.37	18.50	18.47	18.37	20	0
15	QPSK	36	20	18.36	18.47	18.45	18.25		
15	QPSK	36	39	18.24	18.36	18.15	18.25		
15	QPSK	75	0	18.35	18.41	18.43	18.29		
15	16QAM	1	0	18.21	18.33	18.41	18.25	20	0
15	16QAM	1	37	18.11	18.32	18.27	18.29		
15	16QAM	1	74	18.39	18.42	18.25	18.43		
15	16QAM	36	0	18.25	18.34	18.39	18.41	20	0
15	16QAM	36	20	18.19	18.24	18.25	18.34		
15	16QAM	36	39	18.42	18.41	18.31	18.39		
15	16QAM	75	0	18.35	18.47	18.32	18.40		
15	64QAM	1	0	18.05	18.36	18.21	18.32	20	0
15	64QAM	1	37	18.32	18.44	18.40	18.35		
15	64QAM	1	74	18.21	18.33	18.43	18.37		
15	64QAM	36	0	18.04	18.44	18.21	18.29	20	0
15	64QAM	36	20	18.41	18.30	18.35	18.23		
15	64QAM	36	39	18.28	18.36	18.29	18.40		
15	64QAM	75	0	18.16	18.22	18.22	18.29		
15	256QAM	1	0	17.16	17.22	17.13	17.20	18	2
15	256QAM	1	37	17.07	17.25	17.13	17.14		
15	256QAM	1	74	17.10	17.09	16.96	17.00		
15	256QAM	36	0	17.09	17.14	17.08	17.03	18	2
15	256QAM	36	20	17.06	17.14	17.01	17.06		
15	256QAM	36	39	16.98	17.13	17.00	16.93		
15	256QAM	75	0	17.04	17.17	17.06	17.01		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.38	18.53	18.53	18.42	20	0
10	QPSK	1	25	18.46	18.46	18.47	18.38		
10	QPSK	1	49	18.25	18.40	18.23	18.35		
10	QPSK	25	0	18.34	18.52	18.43	18.27	20	0
10	QPSK	25	12	18.29	18.48	18.34	18.21		
10	QPSK	25	25	18.23	18.30	18.16	18.34		
10	QPSK	50	0	18.31	18.36	18.42	18.37	20	0
10	16QAM	1	0	18.27	18.37	18.35	18.20		
10	16QAM	1	25	18.12	18.28	18.23	18.30		
10	16QAM	1	49	18.36	18.43	18.32	18.31		
10	16QAM	25	0	18.32	18.29	18.33	18.39	20	0
10	16QAM	25	12	18.13	18.28	18.32	18.19		
10	16QAM	25	25	18.44	18.47	18.32	18.36		
10	16QAM	50	0	18.35	18.47	18.37	18.39		
10	64QAM	1	0	18.16	18.42	18.18	18.20	20	0
10	64QAM	1	25	18.36	18.34	18.30	18.41		
10	64QAM	1	49	18.20	18.30	18.47	18.43		
10	64QAM	25	0	18.07	18.48	18.16	18.23	20	0
10	64QAM	25	12	18.39	18.41	18.31	18.30		
10	64QAM	25	25	18.27	18.42	18.31	18.40		
10	64QAM	50	0	18.15	18.31	18.24	18.34		
10	256QAM	1	0	17.22	17.21	17.16	17.20	18	2
10	256QAM	1	25	17.12	17.14	17.11	17.04		
10	256QAM	1	49	17.04	17.14	17.03	17.01		
10	256QAM	25	0	17.08	17.14	17.02	17.11	18	2
10	256QAM	25	12	17.09	17.09	17.07	17.05		
10	256QAM	25	25	17.05	17.02	17.04	17.00		
10	256QAM	50	0	17.09	17.14	17.11	17.01		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.50	18.44	18.54	18.38	20	0
5	QPSK	1	12	18.47	18.54	18.52	18.38		
5	QPSK	1	24	18.29	18.41	18.39	18.41		
5	QPSK	12	0	18.43	18.45	18.44	18.36	20	0
5	QPSK	12	7	18.37	18.48	18.42	18.21		
5	QPSK	12	13	18.25	18.29	18.16	18.22		
5	QPSK	25	0	18.34	18.48	18.36	18.28	20	0
5	16QAM	1	0	18.20	18.30	18.36	18.33		
5	16QAM	1	12	18.09	18.36	18.15	18.19		
5	16QAM	1	24	18.37	18.52	18.35	18.36		
5	16QAM	12	0	18.25	18.38	18.32	18.44	20	0
5	16QAM	12	7	18.21	18.39	18.21	18.22		
5	16QAM	12	13	18.44	18.42	18.34	18.37		
5	16QAM	25	0	18.28	18.38	18.37	18.31	20	0
5	64QAM	1	0	18.04	18.33	18.15	18.26		
5	64QAM	1	12	18.39	18.44	18.35	18.44		
5	64QAM	1	24	18.30	18.30	18.37	18.41		
5	64QAM	12	0	18.13	18.37	18.28	18.35	20	0
5	64QAM	12	7	18.32	18.34	18.36	18.31		
5	64QAM	12	13	18.33	18.33	18.36	18.47		
5	64QAM	25	0	18.15	18.19	18.23	18.32	20	0
5	256QAM	1	0	17.22	17.22	17.10	17.22	18	2
5	256QAM	1	12	17.07	17.24	17.21	17.07		
5	256QAM	1	24	17.08	17.18	17.04	17.07		
5	256QAM	12	0	17.02	17.15	17.11	17.10	18	2
5	256QAM	12	7	17.07	17.19	17.04	17.13		
5	256QAM	12	13	17.03	17.04	17.05	16.97		
5	256QAM	25	0	17.03	17.20	17.10	17.01		

GSM1900 Ant3	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	31.11	31.18	31.05	31.10	22.11	22.18	22.05	22.10
GPRS 1 Tx slot	31.15	31.23	31.09	31.10	22.15	22.23	22.09	22.10
GPRS 2 Tx slots	27.52	27.60	27.54	28.00	21.52	21.60	21.54	22.00
GPRS 3 Tx slots	25.19	25.28	25.15	26.40	20.93	21.02	20.89	22.14
GPRS 4 Tx slots	23.39	23.52	23.40	25.00	20.39	20.52	20.40	22.00
EDGE 1 Tx slot	25.64	25.74	25.60	27.00	16.64	16.74	16.60	18.00
EDGE 2 Tx slots	24.06	24.12	23.99	25.50	18.06	18.12	17.99	19.50
EDGE 3 Tx slots	22.84	22.91	22.79	24.50	18.58	18.65	18.53	20.24
EDGE 4 Tx slots	20.73	20.80	20.77	22.50	17.73	17.80	17.77	19.50

Band		WCDMA II Ant3			Tune-up Limit (dBm)	WCDMA IV Ant3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.90	20.09	20.12	21.50	21.19	21.30	21.15	22.70
3GPP Rel 99	RMC 12.2Kbps	20.21	20.23	20.12	21.50	21.13	21.36	21.29	22.70
3GPP Rel 6	HSDPA Subtest-1	19.22	19.43	19.23	20.50	20.16	20.43	20.38	21.70
3GPP Rel 6	HSDPA Subtest-2	19.26	19.42	19.16	20.50	20.18	20.29	20.14	21.70
3GPP Rel 6	HSDPA Subtest-3	18.93	18.78	18.70	20.00	20.01	19.68	19.63	21.20
3GPP Rel 6	HSDPA Subtest-4	18.65	18.99	18.91	20.00	19.72	19.81	19.81	21.20
3GPP Rel 8	DC-HSDPA Subtest-1	19.20	19.45	19.10	20.50	20.35	20.29	20.35	21.70
3GPP Rel 8	DC-HSDPA Subtest-2	19.21	19.35	19.25	20.50	20.28	20.27	20.28	21.70
3GPP Rel 8	DC-HSDPA Subtest-3	18.56	18.86	18.68	20.00	19.61	19.73	19.57	21.20
3GPP Rel 8	DC-HSDPA Subtest-4	18.66	18.74	18.82	20.00	19.54	19.64	19.52	21.20
3GPP Rel 6	HSUPA Subtest-1	19.20	19.26	19.20	20.50	20.36	20.33	20.36	21.70
3GPP Rel 6	HSUPA Subtest-2	17.41	17.37	17.35	18.50	18.42	18.33	18.35	19.70
3GPP Rel 6	HSUPA Subtest-3	18.42	18.20	18.16	19.50	19.11	19.32	19.32	20.70
3GPP Rel 6	HSUPA Subtest-4	17.09	17.41	17.36	18.50	18.08	18.37	18.42	19.70
3GPP Rel 6	HSUPA Subtest-5	19.20	19.17	19.15	20.50	20.25	20.19	20.14	21.70

Band 2 Ant 3

BW [MHz]	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	20.48	20.66	20.61	22.2	0
20	QPSK	1	49	20.42	20.53	20.63		
20	QPSK	1	99	20.37	20.26	20.39		
20	QPSK	50	0	20.48	20.63	20.60	22.2	0
20	QPSK	50	24	20.46	20.47	20.50		
20	QPSK	50	50	20.35	20.57	20.45		
20	QPSK	100	0	20.48	20.50	20.45		
20	16QAM	1	0	20.36	20.50	20.44	22.2	0
20	16QAM	1	49	20.41	20.53	20.47		
20	16QAM	1	99	20.41	20.59	20.49		
20	16QAM	50	0	20.24	20.49	20.41	22	0.2
20	16QAM	50	24	20.44	20.58	20.60		
20	16QAM	50	50	20.35	20.56	20.64		
20	16QAM	100	0	20.34	20.51	20.40		
20	64QAM	1	0	20.39	20.58	20.49	22	0.2
20	64QAM	1	49	20.41	20.57	20.46		
20	64QAM	1	99	20.37	20.57	20.48		
20	64QAM	50	0	19.97	20.08	19.94	21	1.2
20	64QAM	50	24	19.97	20.03	19.96		
20	64QAM	50	50	19.93	19.96	19.88		
20	64QAM	100	0	19.93	20.03	19.92		
20	256QAM	1	0	17.90	18.01	17.89	19	3.2
20	256QAM	1	49	17.89	17.96	17.86		
20	256QAM	1	99	17.81	17.89	17.85		
20	256QAM	50	0	17.84	17.93	17.88	19	3.2
20	256QAM	50	24	17.83	17.88	17.85		
20	256QAM	50	50	17.68	17.81	17.69		
20	256QAM	100	0	17.86	17.91	17.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.37	20.56	20.58	22.2	0
15	QPSK	1	37	20.30	20.50	20.53		
15	QPSK	1	74	20.26	20.20	20.36		
15	QPSK	36	0	20.31	20.46	20.56	22.2	0
15	QPSK	36	20	20.40	20.38	20.37		
15	QPSK	36	39	20.30	20.40	20.28		
15	QPSK	75	0	20.31	20.39	20.32		
15	16QAM	1	0	20.31	20.44	20.38	22.2	0
15	16QAM	1	37	20.33	20.39	20.35		
15	16QAM	1	74	20.30	20.48	20.39		
15	16QAM	36	0	20.14	20.35	20.31	22	0.2
15	16QAM	36	20	20.40	20.52	20.55		
15	16QAM	36	39	20.28	20.45	20.55		
15	16QAM	75	0	20.28	20.35	20.23		
15	64QAM	1	0	20.28	20.55	20.33	22	0.2
15	64QAM	1	37	20.30	20.42	20.40		
15	64QAM	1	74	20.32	20.39	20.31		
15	64QAM	36	0	19.90	19.97	19.82	21	1.2
15	64QAM	36	20	19.91	19.97	19.87		
15	64QAM	36	39	19.87	19.91	19.81		
15	64QAM	75	0	19.81	19.89	19.83		
15	256QAM	1	0	17.76	17.97	17.83	19	3.2
15	256QAM	1	37	17.82	17.88	17.79		
15	256QAM	1	74	17.78	17.85	17.81		
15	256QAM	36	0	17.78	17.85	17.76	19	3.2
15	256QAM	36	20	17.73	17.75	17.79		
15	256QAM	36	39	17.64	17.74	17.80		
15	256QAM	75	0	17.71	17.84	17.64		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.37	20.56	20.46	22.2	0
10	QPSK	1	25	20.38	20.47	20.59		
10	QPSK	1	49	20.28	20.31	20.26		
10	QPSK	25	0	20.35	20.52	20.54	22.2	0
10	QPSK	25	12	20.31	20.42	20.48		
10	QPSK	25	25	20.29	20.42	20.34		
10	QPSK	50	0	20.37	20.45	20.40		
10	16QAM	1	0	20.20	20.44	20.30	22.2	0
10	16QAM	1	25	20.35	20.44	20.32		
10	16QAM	1	49	20.31	20.56	20.35		
10	16QAM	25	0	20.11	20.38	20.37	22	0.2
10	16QAM	25	12	20.41	20.42	20.50		
10	16QAM	25	25	20.23	20.44	20.51		
10	16QAM	50	0	20.22	20.33	20.25		
10	64QAM	1	0	20.31	20.49	20.35	22	0.2
10	64QAM	1	25	20.28	20.47	20.33		
10	64QAM	1	49	20.32	20.48	20.34		
10	64QAM	25	0	19.93	20.03	19.88	21	1.2
10	64QAM	25	12	19.83	19.94	19.89		
10	64QAM	25	25	19.86	19.85	19.75		
10	64QAM	50	0	19.86	19.94	19.80		
10	256QAM	1	0	17.84	17.97	17.76	19	3.2
10	256QAM	1	25	17.81	17.82	17.75		
10	256QAM	1	49	17.74	17.76	17.70		
10	256QAM	25	0	17.78	17.83	17.79	19	3.2
10	256QAM	25	12	17.77	17.81	17.79		
10	256QAM	25	25	17.65	17.72	17.58		
10	256QAM	50	0	17.77	17.78	17.70		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.36	20.52	20.45	22.2	0
5	QPSK	1	12	20.34	20.38	20.49		
5	QPSK	1	24	20.26	20.30	20.22		
5	QPSK	12	0	20.45	20.56	20.53	22.2	0
5	QPSK	12	7	20.43	20.31	20.47		
5	QPSK	12	13	20.28	20.48	20.35		
5	QPSK	25	0	20.44	20.39	20.36		
5	16QAM	1	0	20.27	20.42	20.33	22.2	0
5	16QAM	1	12	20.35	20.47	20.39		
5	16QAM	1	24	20.27	20.51	20.34		
5	16QAM	12	0	20.21	20.33	20.29	22	0.2
5	16QAM	12	7	20.41	20.43	20.51		
5	16QAM	12	13	20.22	20.42	20.59		
5	16QAM	25	0	20.21	20.43	20.34		
5	64QAM	1	0	20.23	20.45	20.34	22	0.2
5	64QAM	1	12	20.30	20.41	20.38		
5	64QAM	1	24	20.28	20.45	20.42		
5	64QAM	12	0	19.87	19.98	19.86	21	1.2
5	64QAM	12	7	19.90	19.90	19.93		
5	64QAM	12	13	19.82	19.91	19.78		
5	64QAM	25	0	19.88	19.96	19.82		
5	256QAM	1	0	17.78	17.96	17.79	19	3.2
5	256QAM	1	12	17.79	17.92	17.76		
5	256QAM	1	24	17.73	17.79	17.77		
5	256QAM	12	0	17.80	17.88	17.74	19	3.2
5	256QAM	12	7	17.72	17.79	17.72		
5	256QAM	12	13	17.54	17.74	17.55		
5	256QAM	25	0	17.82	17.86	17.67		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.36	20.58	20.50	22.2	0
3	QPSK	1	8	20.36	20.35	20.53		
3	QPSK	1	14	20.32	20.25	20.23		
3	QPSK	8	0	20.32	20.47	20.53	22.2	0
3	QPSK	8	4	20.38	20.32	20.48		
3	QPSK	8	7	20.21	20.40	20.34		
3	QPSK	15	0	20.45	20.39	20.33		
3	16QAM	1	0	20.23	20.34	20.38	22.2	0
3	16QAM	1	8	20.39	20.44	20.35		
3	16QAM	1	14	20.25	20.42	20.42		
3	16QAM	8	0	20.13	20.38	20.36	22	0.2
3	16QAM	8	4	20.29	20.50	20.50		
3	16QAM	8	7	20.27	20.40	20.59		
3	16QAM	15	0	20.17	20.41	20.36		
3	64QAM	1	0	20.28	20.53	20.40	22	0.2
3	64QAM	1	8	20.37	20.45	20.42		
3	64QAM	1	14	20.21	20.54	20.45		
3	64QAM	8	0	19.84	19.95	19.88	21	1.2
3	64QAM	8	4	19.87	19.88	19.89		
3	64QAM	8	7	19.81	19.88	19.81		
3	64QAM	15	0	19.84	19.88	19.87		
3	256QAM	1	0	17.78	17.91	17.76	19	3.2
3	256QAM	1	8	17.75	17.86	17.76		
3	256QAM	1	14	17.71	17.77	17.75		
3	256QAM	8	0	17.80	17.88	17.78	19	3.2
3	256QAM	8	4	17.69	17.82	17.79		
3	256QAM	8	7	17.55	17.72	17.55		
3	256QAM	15	0	17.74	17.85	17.71		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.31	20.52	20.48	22.2	0
1.4	QPSK	1	3	20.32	20.44	20.52		
1.4	QPSK	1	5	20.30	20.62	20.47		
1.4	QPSK	3	0	20.34	20.53	20.58		
1.4	QPSK	3	1	20.39	20.48	20.54		
1.4	QPSK	3	3	20.25	20.32	20.25		
1.4	QPSK	6	0	20.42	20.51	20.52	22.2	0
1.4	16QAM	1	0	20.33	20.42	20.37	22.2	0
1.4	16QAM	1	3	20.26	20.53	20.30		
1.4	16QAM	1	5	20.43	20.44	20.35		
1.4	16QAM	3	0	20.29	20.44	20.37		
1.4	16QAM	3	1	20.31	20.37	20.36		
1.4	16QAM	3	3	20.34	20.54	20.46		
1.4	16QAM	6	0	20.22	20.41	20.33	22	0.2
1.4	64QAM	1	0	20.33	20.42	20.45	22	0.2
1.4	64QAM	1	3	20.28	20.51	20.54		
1.4	64QAM	1	5	20.29	20.47	20.27		
1.4	64QAM	3	0	20.31	20.52	20.40		
1.4	64QAM	3	1	20.36	20.46	20.35		
1.4	64QAM	3	3	20.28	20.47	20.33		
1.4	64QAM	6	0	19.89	19.95	19.87	21	1.2
1.4	256QAM	1	0	17.80	17.94	17.82	19	3.2
1.4	256QAM	1	3	17.81	17.82	17.74		
1.4	256QAM	1	5	17.70	17.85	17.74		
1.4	256QAM	3	0	17.80	17.80	17.78		
1.4	256QAM	3	1	17.73	17.81	17.77		
1.4	256QAM	3	3	17.61	17.74	17.60		
1.4	256QAM	6	0	17.76	17.87	17.72	19	3.2

Band 4 Ant 3

BW [MHz]	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	19.56	19.82	19.65	20.8	0
20	QPSK	1	49	19.61	19.75	19.61		
20	QPSK	1	99	19.66	19.74	19.65		
20	QPSK	50	0	19.51	19.76	19.70	20.8	0
20	QPSK	50	24	19.40	19.60	19.51		
20	QPSK	50	50	19.31	19.61	19.31		
20	QPSK	100	0	19.41	19.66	19.47		
20	16QAM	1	0	19.60	19.63	19.59	20.8	0
20	16QAM	1	49	19.46	19.62	19.52		
20	16QAM	1	99	19.49	19.61	19.50		
20	16QAM	50	0	19.56	19.77	19.54	20.8	0
20	16QAM	50	24	19.51	19.62	19.48		
20	16QAM	50	50	19.56	19.69	19.47		
20	16QAM	100	0	19.46	19.75	19.62		
20	64QAM	1	0	19.57	19.68	19.51	20.8	0
20	64QAM	1	49	19.48	19.65	19.65		
20	64QAM	1	99	19.39	19.62	19.42		
20	64QAM	50	0	19.62	19.73	19.47	20.8	0
20	64QAM	50	24	19.41	19.78	19.56		
20	64QAM	50	50	19.40	19.69	19.48		
20	64QAM	100	0	19.50	19.51	19.50		
20	256QAM	1	0	18.03	18.12	18.06	19	1.8
20	256QAM	1	49	17.94	18.07	17.92		
20	256QAM	1	99	17.86	18.00	17.94		
20	256QAM	50	0	17.99	18.08	17.95	19	1.8
20	256QAM	50	24	17.91	18.03	17.90		
20	256QAM	50	50	17.82	17.96	17.89		
20	256QAM	100	0	17.96	18.04	17.92		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.53	19.73	19.47	20.8	0
15	QPSK	1	37	19.57	19.63	19.59		
15	QPSK	1	74	19.48	19.62	19.58		
15	QPSK	36	0	19.43	19.60	19.58	20.8	0
15	QPSK	36	20	19.25	19.46	19.38		
15	QPSK	36	39	19.19	19.49	19.14		
15	QPSK	75	0	19.37	19.59	19.39		
15	16QAM	1	0	19.58	19.57	19.42	20.8	0
15	16QAM	1	37	19.37	19.53	19.45		
15	16QAM	1	74	19.46	19.45	19.41		
15	16QAM	36	0	19.53	19.62	19.47	20.8	0
15	16QAM	36	20	19.43	19.47	19.32		
15	16QAM	36	39	19.42	19.55	19.39		
15	16QAM	75	0	19.29	19.69	19.59		
15	64QAM	1	0	19.44	19.58	19.46	20.8	0
15	64QAM	1	37	19.40	19.55	19.53		
15	64QAM	1	74	19.33	19.47	19.33		
15	64QAM	36	0	19.56	19.67	19.33	20.8	0
15	64QAM	36	20	19.32	19.68	19.41		
15	64QAM	36	39	19.37	19.60	19.34		
15	64QAM	75	0	19.42	19.38	19.38		
15	256QAM	1	0	17.94	18.06	17.99	19	1.8
15	256QAM	1	37	17.81	18.03	17.83		
15	256QAM	1	74	17.71	17.95	17.87		
15	256QAM	36	0	17.88	18.03	17.91	19	1.8
15	256QAM	36	20	17.87	17.91	17.78		
15	256QAM	36	39	17.70	17.92	17.76		
15	256QAM	75	0	17.83	17.92	17.79		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.50	19.71	19.56	20.8	0
10	QPSK	1	25	19.53	19.64	19.59		
10	QPSK	1	49	19.57	19.63	19.58		
10	QPSK	25	0	19.35	19.65	19.65	20.8	0
10	QPSK	25	12	19.31	19.51	19.41		
10	QPSK	25	25	19.15	19.51	19.25		
10	QPSK	50	0	19.38	19.50	19.36		
10	16QAM	1	0	19.44	19.55	19.47	20.8	0
10	16QAM	1	25	19.29	19.58	19.38		
10	16QAM	1	49	19.46	19.51	19.48		
10	16QAM	25	0	19.39	19.73	19.51	20.8	0
10	16QAM	25	12	19.41	19.48	19.37		
10	16QAM	25	25	19.47	19.60	19.31		
10	16QAM	50	0	19.43	19.71	19.57		
10	64QAM	1	0	19.49	19.53	19.38	20.8	0
10	64QAM	1	25	19.44	19.63	19.59		
10	64QAM	1	49	19.24	19.49	19.24		
10	64QAM	25	0	19.45	19.70	19.43	20.8	0
10	64QAM	25	12	19.34	19.74	19.40		
10	64QAM	25	25	19.38	19.66	19.32		
10	64QAM	50	0	19.38	19.43	19.39		
10	256QAM	1	0	17.96	18.04	17.95	19	1.8
10	256QAM	1	25	17.82	17.99	17.80		
10	256QAM	1	49	17.80	17.86	17.91		
10	256QAM	25	0	17.93	17.95	17.87	19	1.8
10	256QAM	25	12	17.86	17.93	17.77		
10	256QAM	25	25	17.74	17.86	17.82		
10	256QAM	50	0	17.90	17.92	17.88		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.41	19.79	19.49	20.8	0
5	QPSK	1	12	19.58	19.64	19.46		
5	QPSK	1	24	19.59	19.58	19.56		
5	QPSK	12	0	19.33	19.60	19.65	20.8	0
5	QPSK	12	7	19.30	19.51	19.35		
5	QPSK	12	13	19.21	19.48	19.24		
5	QPSK	25	0	19.29	19.55	19.32		
5	16QAM	1	0	19.44	19.49	19.47	20.8	0
5	16QAM	1	12	19.29	19.57	19.41		
5	16QAM	1	24	19.35	19.46	19.44		
5	16QAM	12	0	19.39	19.68	19.38	20.8	0
5	16QAM	12	7	19.44	19.48	19.37		
5	16QAM	12	13	19.41	19.65	19.42		
5	16QAM	25	0	19.38	19.61	19.57		
5	64QAM	1	0	19.40	19.65	19.47	20.8	0
5	64QAM	1	12	19.44	19.54	19.58		
5	64QAM	1	24	19.34	19.49	19.36		
5	64QAM	12	0	19.60	19.73	19.37	20.8	0
5	64QAM	12	7	19.32	19.65	19.47		
5	64QAM	12	13	19.32	19.65	19.37		
5	64QAM	25	0	19.34	19.34	19.35		
5	256QAM	1	0	17.93	17.98	18.00	19	1.8
5	256QAM	1	12	17.80	17.98	17.88		
5	256QAM	1	24	17.82	17.95	17.87		
5	256QAM	12	0	17.94	18.02	17.88	19	1.8
5	256QAM	12	7	17.84	17.93	17.79		
5	256QAM	12	13	17.72	17.92	17.80		
5	256QAM	25	0	17.85	17.98	17.83		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.46	19.77	19.56	20.8	0
3	QPSK	1	8	19.46	19.68	19.50		
3	QPSK	1	14	19.53	19.68	19.60		
3	QPSK	8	0	19.42	19.73	19.67	20.8	0
3	QPSK	8	4	19.23	19.53	19.35		
3	QPSK	8	7	19.23	19.49	19.23		
3	QPSK	15	0	19.37	19.51	19.42		
3	16QAM	1	0	19.50	19.47	19.51	20.8	0
3	16QAM	1	8	19.42	19.53	19.48		
3	16QAM	1	14	19.45	19.44	19.46		
3	16QAM	8	0	19.40	19.67	19.41	20.8	0
3	16QAM	8	4	19.44	19.47	19.37		
3	16QAM	8	7	19.47	19.52	19.40		
3	16QAM	15	0	19.42	19.59	19.47		
3	64QAM	1	0	19.47	19.52	19.44	20.8	0
3	64QAM	1	8	19.33	19.62	19.59		
3	64QAM	1	14	19.29	19.56	19.32		
3	64QAM	8	0	19.56	19.77	19.43	20.8	0
3	64QAM	8	4	19.30	19.66	19.46		
3	64QAM	8	7	19.30	19.66	19.39		
3	64QAM	15	0	19.44	19.37	19.41		
3	256QAM	1	0	17.88	18.08	17.93	19	1.8
3	256QAM	1	8	17.89	17.99	17.88		
3	256QAM	1	14	17.74	17.87	17.83		
3	256QAM	8	0	17.92	18.00	17.83	19	1.8
3	256QAM	8	4	17.78	17.90	17.82		
3	256QAM	8	7	17.76	17.91	17.79		
3	256QAM	15	0	17.93	17.98	17.79		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.45	19.74	19.51	20.8	0
1.4	QPSK	1	3	19.57	19.61	19.44		
1.4	QPSK	1	5	19.52	19.60	19.57		
1.4	QPSK	3	0	19.47	19.59	19.61		
1.4	QPSK	3	1	19.31	19.43	19.49		
1.4	QPSK	3	3	19.15	19.51	19.24		
1.4	QPSK	6	0	19.31	19.60	19.40	20.8	0
1.4	16QAM	1	0	19.43	19.52	19.53	20.8	0
1.4	16QAM	1	3	19.41	19.47	19.40		
1.4	16QAM	1	5	19.40	19.52	19.40		
1.4	16QAM	3	0	19.41	19.75	19.47		
1.4	16QAM	3	1	19.48	19.55	19.36		
1.4	16QAM	3	3	19.41	19.55	19.34		
1.4	16QAM	6	0	19.40	19.73	19.50	20.8	0
1.4	64QAM	1	0	19.43	19.62	19.40	20.8	0
1.4	64QAM	1	3	19.46	19.57	19.61		
1.4	64QAM	1	5	19.27	19.45	19.28		
1.4	64QAM	3	0	19.49	19.66	19.39		
1.4	64QAM	3	1	19.30	19.75	19.48		
1.4	64QAM	3	3	19.27	19.64	19.37		
1.4	64QAM	6	0	19.34	19.34	19.40	20.8	0
1.4	256QAM	1	0	17.92	18.08	17.98	19	1.8
1.4	256QAM	1	3	17.90	18.02	17.85		
1.4	256QAM	1	5	17.81	17.92	17.86		
1.4	256QAM	3	0	17.87	18.04	17.87		
1.4	256QAM	3	1	17.81	17.93	17.87		
1.4	256QAM	3	3	17.74	17.88	17.79		
1.4	256QAM	6	0	17.83	17.95	17.78	19	1.8

Band 7 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.76	22.82	22.72	23.9	0
20	QPSK	1	49	22.75	22.80	22.65		
20	QPSK	1	99	22.48	22.77	22.57		
20	QPSK	50	0	22.39	22.52	22.48	23	0.9
20	QPSK	50	24	22.33	22.47	22.43		
20	QPSK	50	50	22.26	22.40	22.33		
20	QPSK	100	0	22.37	22.47	22.33		
20	16QAM	1	0	22.60	22.74	22.68	23	0.9
20	16QAM	1	49	22.64	22.69	22.57		
20	16QAM	1	99	22.59

Band 25 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.60	20.76	20.72	22.2	0
20	QPSK	1	49	20.55	20.71	20.65		
20	QPSK	1	99	20.51	20.44	20.56		
20	QPSK	50	0	20.52	20.70	20.69	22.2	0
20	QPSK	50	24	20.52	20.55	20.60		
20	QPSK	50	50	20.44	20.68	20.59		
20	QPSK	100	0	20.54	20.59	20.55		
20	16QAM	1	0	20.39	20.55	20.51	22.2	0
20	16QAM	1	49	20.46	20.69	20.51		
20	16QAM	1	99	20.55	20.65	20.56		
20	16QAM	50	0	20.42	20.60	20.58	22	0.2
20	16QAM	50	24	20.55	20.72	20.67		
20	16QAM	50	50	20.45	20.68	20.67		
20	16QAM	100	0	20.39	20.66	20.47		
20	64QAM	1	0	20.44	20.62	20.62	22	0.2
20	64QAM	1	49	20.54	20.72	20.54		
20	64QAM	1	99	20.52	20.65	20.51		
20	64QAM	50	0	20.18	20.32	20.21	21	1.2
20	64QAM	50	24	20.19	20.27	20.20		
20	64QAM	50	50	20.12	20.20	20.16		
20	64QAM	100	0	20.05	20.17	20.07		
20	256QAM	1	0	18.44	18.52	18.38	19	3.2
20	256QAM	1	49	18.33	18.47	18.39		
20	256QAM	1	99	18.30	18.40	18.32		
20	256QAM	50	0	18.09	18.24	18.11	19	3.2
20	256QAM	50	24	18.06	18.19	18.14		
20	256QAM	50	50	18.08	18.12	18.01		
20	256QAM	100	0	18.10	18.21	18.16		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.54	20.62	20.69	22.2	0
15	QPSK	1	37	20.39	20.59	20.50		
15	QPSK	1	74	20.47	20.29	20.51		
15	QPSK	36	0	20.49	20.67	20.53	22.2	0
15	QPSK	36	20	20.46	20.43	20.49		
15	QPSK	36	39	20.41	20.55	20.44		
15	QPSK	75	0	20.48	20.43	20.48		
15	16QAM	1	0	20.35	20.50	20.39	22.2	0
15	16QAM	1	37	20.32	20.61	20.33		
15	16QAM	1	74	20.50	20.54	20.39		
15	16QAM	36	0	20.34	20.47	20.45	22	0.2
15	16QAM	36	20	20.49	20.67	20.58		
15	16QAM	36	39	20.43	20.65	20.57		
15	16QAM	75	0	20.33	20.57	20.42		
15	64QAM	1	0	20.40	20.51	20.59	22	0.2
15	64QAM	1	37	20.41	20.67	20.42		
15	64QAM	1	74	20.41	20.54	20.35		
15	64QAM	36	0	20.08	20.26	20.17	21	1.2
15	64QAM	36	20	20.06	20.17	20.08		
15	64QAM	36	39	19.99	20.12	20.01		
15	64QAM	75	0	19.91	20.08	19.96		
15	256QAM	1	0	18.30	18.42	18.29	19	3.2
15	256QAM	1	37	18.29	18.37	18.27		
15	256QAM	1	74	18.23	18.28	18.18		
15	256QAM	36	0	17.95	18.19	17.96	19	3.2
15	256QAM	36	20	17.97	18.14	18.11		
15	256QAM	36	39	18.00	17.98	17.96		
15	256QAM	75	0	17.97	18.09	18.09		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.46	20.61	20.55	22.2	0
10	QPSK	1	25	20.46	20.58	20.61		
10	QPSK	1	49	20.46	20.38	20.50		
10	QPSK	25	0	20.35	20.64	20.55	22.2	0
10	QPSK	25	12	20.49	20.52	20.48		
10	QPSK	25	25	20.30	20.55	20.56		
10	QPSK	50	0	20.50	20.44	20.43		
10	16QAM	1	0	20.36	20.46	20.37	22.2	0
10	16QAM	1	25	20.38	20.60	20.39		
10	16QAM	1	49	20.49	20.49	20.40		
10	16QAM	25	0	20.39	20.45	20.55	22	0.2
10	16QAM	25	12	20.40	20.61	20.53		
10	16QAM	25	25	20.32	20.65	20.55		
10	16QAM	50	0	20.34	20.51	20.44		
10	64QAM	1	0	20.39	20.50	20.47	22	0.2
10	64QAM	1	25	20.46	20.66	20.48		
10	64QAM	1	49	20.43	20.56	20.34		
10	64QAM	25	0	20.07	20.28	20.17	21	1.2
10	64QAM	25	12	20.08	20.19	20.16		
10	64QAM	25	25	19.98	20.17	20.12		
10	64QAM	50	0	19.93	20.04	20.01	19	3.2
10	256QAM	1	0	18.32	18.43	18.32		
10	256QAM	1	25	18.22	18.44	18.31		
10	256QAM	1	49	18.26	18.36	18.18		
10	256QAM	25	0	18.05	18.18	17.99	19	3.2
10	256QAM	25	12	17.98	18.05	18.00		
10	256QAM	25	25	18.02	18.02	17.89		
10	256QAM	50	0	18.04	18.08	18.03		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.56	20.66	20.65	22.2	0
5	QPSK	1	12	20.39	20.58	20.52		
5	QPSK	1	24	20.35	20.28	20.47		
5	QPSK	12	0	20.42	20.65	20.65	22.2	0
5	QPSK	12	7	20.47	20.43	20.52		
5	QPSK	12	13	20.28	20.58	20.42		
5	QPSK	25	0	20.39	20.54	20.42		
5	16QAM	1	0	20.33	20.43	20.39	22.2	0
5	16QAM	1	12	20.38	20.52	20.41		
5	16QAM	1	24	20.43	20.62	20.47		
5	16QAM	12	0	20.38	20.46	20.43	22	0.2
5	16QAM	12	7	20.45	20.62	20.61		
5	16QAM	12	13	20.33	20.66	20.57		
5	16QAM	25	0	20.29	20.50	20.44		
5	64QAM	1	0	20.34	20.55	20.57	22	0.2
5	64QAM	1	12	20.41	20.55	20.46		
5	64QAM	1	24	20.45	20.61	20.41		
5	64QAM	12	0	20.14	20.17	20.17	21	1.2
5	64QAM	12	7	20.09	20.19	20.09		
5	64QAM	12	13	20.00	20.15	20.13		
5	64QAM	25	0	19.96	20.08	20.02		
5	256QAM	1	0	18.31	18.39	18.25	19	3.2
5	256QAM	1	12	18.21	18.35	18.25		
5	256QAM	1	24	18.25	18.26	18.23		
5	256QAM	12	0	18.03	18.13	18.03	19	3.2
5	256QAM	12	7	18.03	18.07	18.04		
5	256QAM	12	13	18.04	18.01	17.89		
5	256QAM	25	0	17.96	18.14	18.01		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.45	20.61	20.67	22.2	0
3	QPSK	1	8	20.53	20.60	20.48		
3	QPSK	1	14	20.48	20.30	20.44		
3	QPSK	8	0	20.37	20.62	20.55	22.2	0
3	QPSK	8	4	20.35	20.39	20.46		
3	QPSK	8	7	20.34	20.55	20.45		
3	QPSK	15	0	20.51	20.44	20.39		
3	16QAM	1	0	20.27	20.38	20.47	22.2	0
3	16QAM	1	8	20.39	20.63	20.46		
3	16QAM	1	14	20.40	20.58	20.53		
3	16QAM	8	0	20.34	20.43	20.55	22	0.2
3	16QAM	8	4	20.42	20.60	20.65		
3	16QAM	8	7	20.32	20.57	20.63		
3	16QAM	15	0	20.35	20.56	20.34		
3	64QAM	1	0	20.39	20.44	20.59	22	0.2
3	64QAM	1	8	20.38	20.68	20.37		
3	64QAM	1	14	20.35	20.54	20.44		
3	64QAM	8	0	20.10	20.17	20.15	21	1.2
3	64QAM	8	4	20.06	20.15	20.08		
3	64QAM	8	7	19.98	20.05	20.07		
3	64QAM	15	0	19.94	20.04	19.98		
3	256QAM	1	0	18.30	18.40	18.31	19	3.2
3	256QAM	1	8	18.26	18.42	18.36		
3	256QAM	1	14	18.22	18.37	18.18		
3	256QAM	8	0	17.96	18.19	18.01	19	3.2
3	256QAM	8	4	17.97	18.15	18.01		
3	256QAM	8	7	18.05	18.04	17.88		
3	256QAM	15	0	18.07	18.16	18.04		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.47	20.73	20.56	22.2	0
1.4	QPSK	1	3	20.40	20.65	20.62		
1.4	QPSK	1	5	20.46	20.31	20.45		
1.4	QPSK	3	0	20.55	20.61	20.67		
1.4	QPSK	3	1	20.48	20.66	20.56		
1.4	QPSK	3	3	20.45	20.28	20.38		
1.4	QPSK	6	0	20.47	20.61	20.60	22.2	0
1.4	16QAM	1	0	20.47	20.40	20.54	22.2	0
1.4	16QAM	1	3	20.33	20.53	20.50		
1.4	16QAM	1	5	20.37	20.41	20.51		
1.4	16QAM	3	0	20.23	20.43	20.41		
1.4	16QAM	3	1	20.39	20.58	20.41		
1.4	16QAM	3	3	20.53	20.54	20.42		
1.4	16QAM	6	0	20.30	20.48	20.50	22	0.2
1.4	64QAM	1	0	20.40	20.57	20.55	22	0.2
1.4	64QAM	1	3	20.31	20.51	20.61		
1.4	64QAM	1	5	20.29	20.56	20.44		
1.4	64QAM	3	0	20.42	20.53	20.46		
1.4	64QAM	3	1	20.49	20.64	20.36		
1.4	64QAM	3	3	20.40	20.63	20.36		
1.4	64QAM	6	0	20.12	20.24	20.13	21	1.2
1.4	256QAM	1	0	18.33	18.47	18.26	19	3.2
1.4	256QAM	1	3	18.21	18.34	18.36		
1.4	256QAM	1	5	18.16	18.30	18.21		
1.4	256QAM	3	0	18.03	18.13	18.04		
1.4	256QAM	3	1	17.95	18.14	18.10		
1.4	256QAM	3	3	17.95	18.07	17.94		
1.4	256QAM	6	0	17.99	18.09	18.12	19	3.2

Band 66 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.72	19.95	19.81	20.8	0
20	QPSK	1	49	19.63	19.80	19.72		
20	QPSK	1	99	19.69	19.89	19.76		
20	QPSK	50	0	19.57	19.88	19.74	20.8	0
20	QPSK	50	24	19.57	19.66	19.67		
20	QPSK	50	50	19.45	19.63	19.49		
20	QPSK	100	0	19.48	19.72	19.50		
20	16QAM	1	0	19.65	19.77	19.72	20.8	0
20	16QAM	1	49	19.57	19.69	19.69		
20	16QAM	1	99	19.57	19.75	19.54		
20	16QAM	50	0	19.64	19.84	19.68	20.8	0
20	16QAM	50	24	19.59	19.74	19.54		
20	16QAM	50	50	19.59	19.74	19.54		
20	16QAM	100	0	19.62	19.81	19.68	20.8	0
20	64QAM	1	0	19.63	19.79	19.67		
20	64QAM	1	49	19.56	19.74	19.69		
20	64QAM	1	99	19.46	19.71	19.59		
20	64QAM	50	0	19.67	19.86	19.64	20.8	0
20	64QAM	50	24	19.59	19.86	19.63		
20	64QAM	50	50	19.56	19.72	19.62		
20	64QAM	100	0	19.59	19.68	19.54		
20	256QAM	1	0	18.01	18.13	18.04	19	1.8
20	256QAM	1	49	17.99	18.08	18.02		
20	256QAM	1	99	17.90	18.01	17.95		
20	256QAM	50	0	17.93	18.07	17.99	19	1.8
20	256QAM	50	24	17.98	18.02	17.90		
20	256QAM	50	50	17.90	17.95	17.91		
20	256QAM	100	0	18.02	18.05	17.96		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.57	19.85	19.79	20.8	0
15	QPSK	1	37	19.60	19.76	19.59		
15	QPSK	1	74	19.55	19.81	19.62		
15	QPSK	36	0	19.46	19.71	19.68	20.8	0
15	QPSK	36	20	19.41	19.62	19.57		
15	QPSK	36	39	19.31	19.50	19.44		
15	QPSK	75	0	19.37	19.64	19.32		
15	16QAM	1	0	19.52	19.75	19.64	20.8	0
15	16QAM	1	37	19.45	19.54	19.61		
15	16QAM	1	74	19.52	19.64	19.50		
15	16QAM	36	0	19.57	19.72	19.63	20.8	0
15	16QAM	36	20	19.45	19.69	19.40		
15	16QAM	36	39	19.48	19.67	19.39		
15	16QAM	75	0	19.60	19.65	19.52		
15	64QAM	1	0	19.53	19.65	19.51	20.8	0
15	64QAM	1	37	19.47	19.63	19.62		
15	64QAM	1	74	19.37	19.67	19.44		
15	64QAM	36	0	19.55	19.77	19.62	20.8	0
15	64QAM	36	20	19.42	19.80	19.54		
15	64QAM	36	39	19.39	19.65	19.53		
15	64QAM	75	0	19.55	19.65	19.51		
15	256QAM	1	0	17.90	18.02	17.94	19	1.8
15	256QAM	1	37	17.85	17.93	17.88		
15	256QAM	1	74	17.83	17.88	17.86		
15	256QAM	36	0	17.79	17.95	17.86	19	1.8
15	256QAM	36	20	17.92	17.92	17.79		
15	256QAM	36	39	17.77	17.85	17.77		
15	256QAM	75	0	17.88	17.94	17.90		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.67	19.81	19.66	20.8	0
10	QPSK	1	25	19.60	19.75	19.68		
10	QPSK	1	49	19.62	19.80	19.73		
10	QPSK	25	0	19.50	19.74	19.57	20.8	0
10	QPSK	25	12	19.46	19.50	19.53		
10	QPSK	25	25	19.40	19.51	19.47		
10	QPSK	50	0	19.37	19.69	19.33		
10	16QAM	1	0	19.52	19.62	19.67	20.8	0
10	16QAM	1	25	19.52	19.57	19.51		
10	16QAM	1	49	19.43	19.64	19.47		
10	16QAM	25	0	19.52	19.77	19.52	20.8	0
10	16QAM	25	12	19.55	19.60	19.47		
10	16QAM	25	25	19.46	19.70	19.37		
10	16QAM	50	0	19.46	19.63	19.53		
10	64QAM	1	0	19.60	19.64	19.60	20.8	0
10	64QAM	1	25	19.49	19.70	19.59		
10	64QAM	1	49	19.31	19.69	19.52		
10	64QAM	25	0	19.64	19.75	19.48	20.8	0
10	64QAM	25	12	19.45	19.73	19.51		
10	64QAM	25	25	19.39	19.68	19.51		
10	64QAM	50	0	19.57	19.50	19.50		
10	256QAM	1	0	17.88	18.00	17.91	19	1.8
10	256QAM	1	25	17.92	17.95	17.95		
10	256QAM	1	49	17.83	17.95	17.86		
10	256QAM	25	0	17.85	18.01	17.84	19	1.8
10	256QAM	25	12	17.79	17.90	17.79		
10	256QAM	25	25	17.84	17.91	17.85		
10	256QAM	50	0	17.88	17.92	17.85		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.63	19.79	19.72	20.8	0
5	QPSK	1	12	19.47	19.63	19.68		
5	QPSK	1	24	19.62	19.76	19.67		
5	QPSK	12	0	19.44	19.70	19.63	20.8	0
5	QPSK	12	7	19.49	19.56	19.51		
5	QPSK	12	13	19.35	19.49	19.32		
5	QPSK	25	0	19.33	19.67	19.38		
5	16QAM	1	0	19.60	19.63	19.60	20.8	0
5	16QAM	1	12	19.52	19.62	19.52		
5	16QAM	1	24	19.53	19.68	19.37		
5	16QAM	12	0	19.62	19.69	19.62	20.8	0
5	16QAM	12	7	19.42	19.69	19.38		
5	16QAM	12	13	19.49	19.58	19.40		
5	16QAM	25	0	19.51	19.74	19.52		
5	64QAM	1	0	19.55	19.68	19.52	20.8	0
5	64QAM	1	12	19.50	19.65	19.55		
5	64QAM	1	24	19.33	19.55	19.48		
5	64QAM	12	0	19.61	19.76	19.62	20.8	0
5	64QAM	12	7	19.46	19.79	19.46		
5	64QAM	12	13	19.46	19.66	19.49		
5	64QAM	25	0	19.54	19.53	19.42		
5	256QAM	1	0	17.89	18.07	17.97	19	1.8
5	256QAM	1	12	17.87	17.98	17.89		
5	256QAM	1	24	17.86	17.94	17.90		
5	256QAM	12	0	17.89	17.92	17.91	19	1.8
5	256QAM	12	7	17.87	17.95	17.83		
5	256QAM	12	13	17.86	17.86	17.78		
5	256QAM	25	0	17.96	17.99	17.86		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.65	19.80	19.75	20.8	0
3	QPSK	1	8	19.60	19.77	19.62		
3	QPSK	1	14	19.58	19.78	19.72		
3	QPSK	8	0	19.45	19.78	19.60	20.8	0
3	QPSK	8	4	19.54	19.55	19.51		
3	QPSK	8	7	19.30	19.50	19.33		
3	QPSK	15	0	19.39	19.56	19.47		
3	16QAM	1	0	19.49	19.69	19.55	20.8	0
3	16QAM	1	8	19.49	19.61	19.56		
3	16QAM	1	14	19.51	19.72	19.48		
3	16QAM	8	0	19.50	19.81	19.60	20.8	0
3	16QAM	8	4	19.45	19.63	19.39		
3	16QAM	8	7	19.49	19.62	19.38		
3	16QAM	15	0	19.56	19.71	19.54		
3	64QAM	1	0	19.46	19.71	19.52	20.8	0
3	64QAM	1	8	19.47	19.59	19.57		
3	64QAM	1	14	19.29	19.68	19.53		
3	64QAM	8	0	19.55	19.79	19.57	20.8	0
3	64QAM	8	4	19.47	19.71	19.53		
3	64QAM	8	7	19.54	19.60	19.53		
3	64QAM	15	0	19.45	19.50	19.46		
3	256QAM	1	0	17.95	18.02	17.98	19	1.8
3	256QAM	1	8	17.93	17.96	17.97		
3	256QAM	1	14	17.86	17.92	17.90		
3	256QAM	8	0	17.83	17.97	17.85	19	1.8
3	256QAM	8	4	17.84	17.88	17.77		
3	256QAM	8	7	17.76	17.81	17.85		
3	256QAM	15	0	17.88	17.92	17.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.58	19.78	19.79	20.8	0
1.4	QPSK	1	3	19.50	19.65	19.64		
1.4	QPSK	1	5	19.57	19.72	19.60		
1.4	QPSK	3	0	19.46	19.81	19.61		
1.4	QPSK	3	1	19.49	19.58	19.64		
1.4	QPSK	3	3	19.43	19.49	19.32		
1.4	QPSK	6	0	19.41	19.67	19.33	20.8	0
1.4	16QAM	1	0	19.49	19.65	19.61	20.8	0
1.4	16QAM	1	3	19.52	19.62	19.53		
1.4	16QAM	1	5	19.47	19.60	19.38		
1.4	16QAM	3	0	19.52	19.75	19.52		
1.4	16QAM	3	1	19.51	19.68	19.52		
1.4	16QAM	3	3	19.57	19.68	19.51		
1.4	16QAM	6	0	19.48	19.79	19.62	20.8	0
1.4	64QAM	1	0	19.53	19.68	19.58	20.8	0
1.4	64QAM	1	3	19.42	19.61	19.61		
1.4	64QAM	1	5	19.32	19.60	19.50		
1.4	64QAM	3	0	19.61	19.81	19.56		
1.4	64QAM	3	1	19.46	19.81	19.52		
1.4	64QAM	3	3	19.45	19.58	19.50		
1.4	64QAM	6	0	19.50	19.62	19.39	20.8	0
1.4	256QAM	1	0	17.95	18.07	17.97	19	1.8
1.4	256QAM	1	3	17.90	18.00	17.90		
1.4	256QAM	1	5	17.92	17.97	17.88		
1.4	256QAM	3	0	17.88	17.97	17.88		
1.4	256QAM	3	1	17.89	17.94	17.77		
1.4	256QAM	3	3	17.77	17.88	17.85		
1.4	256QAM	6	0	17.93	17.99	17.89	19	1.8