Band 2_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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.09	23.33	23.12	24.5	0
20	QPSK	1	49	23.21	23.38	23.29		
20	QPSK	1	99	23.02	23.04	23.36		
20	QPSK	50	0	22.25	22.63	22.62	23.5	1
20	QPSK	50	24	22.24	22.46	22.59		
20	QPSK	50	50	22.16	22.43	22.59		
20	QPSK	100	0	22.23	22.59	22.58		
20	16QAM	1	0	22.12	22.17	22.19	23.5	1
20	16QAM	1	49	22.62	23.05	23.03		
20	16QAM	1	99	22.36	22.20	22.78		
20	16QAM	50	0	21.25	21.41	21.66	22.5	2
20	16QAM	50	24	21.25	21.45	21.64		
20	16QAM	50	50	21.23	21.45	21.66		
20	16QAM	100	0	21.25	21.36	21.74		
20	64QAM	1	0	21.15	21.18	21.36	22.5	2
20	64QAM	1	49	21.68	21.83	21.79		
20	64QAM	1	99	21.23	21.25	21.50		
20	64QAM	50	0	20.19	20.54	20.74	21.5	3
20	64QAM	50	24	20.25	20.50	20.68		
20	64QAM	50	50	20.14	20.50	20.69		
20	64QAM	100	0	20.18	20.47	20.70		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.68	22.85	22.93	24.5	0
15	QPSK	1	37	22.93	22.89	22.95		
15	QPSK	1	74	22.68	22.83	22.92		
15	QPSK	36	0	21.79	22.00	22.26	23.5	1
15	QPSK	36	20	21.83	22.06	22.29		
15	QPSK	36	39	21.80	21.99	22.31		
15	QPSK	75	0	21.80	22.03	22.28		
15	16QAM	1	0	21.96	22.14	22.29	23.5	1
15	16QAM	1	37	22.25	22.43	22.62		
15	16QAM	1	74	21.98	22.11	22.29		
15	16QAM	36	0	20.78	21.00	21.26	22.5	2
15	16QAM	36	20	20.82	21.05	21.28		
15	16QAM	36	39	20.74	20.98	21.28		
15	16QAM	75	0	20.81	21.04	21.29		
15	64QAM	1	0	20.86	21.04	21.20	22.5	2
15	64QAM	1	37	21.12	21.27	21.44		
15	64QAM	1	74	20.85	21.01	21.26		
15	64QAM	36	0	19.82	20.04	20.24	21.5	3
15	64QAM	36	20	19.87	20.09	20.26		
15	64QAM	36	39	19.78	20.03	20.23		
15	64QAM	75	0	19.80	20.04	20.20		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.72	22.92	22.92	24.5	0
10	QPSK	1	25	22.79	22.95	22.95		
10	QPSK	1	49	22.75	22.92	22.93		
10	QPSK	25	0	21.76	22.02	22.28	23.5	1
10	QPSK	25	12	21.80	21.99	22.28		
10	QPSK	25	25	21.75	22.05	22.32		
10	QPSK	50	0	21.76	22.03	22.28		
10	16QAM	1	0	22.03	22.24	22.40	23.5	1
10	16QAM	1	25	22.11	22.34	22.54		
10	16QAM	1	49	22.00	22.21	22.41		
10	16QAM	25	0	20.79	21.03	21.27	22.5	2
10	16QAM	25	12	20.82	20.99	21.29		
10	16QAM	25	25	20.77	21.06	21.33		
10	16QAM	50	0	20.76	21.04	21.28		
10	64QAM	1	0	20.87	21.08	21.34	22.5	2
10	64QAM	1	25	21.04	21.19	21.47		
10	64QAM	1	49	20.90	21.15	21.31		
10	64QAM	25	0	19.79	20.01	20.19	21.5	3
10	64QAM	25	12	19.82	20.03	20.23		
10	64QAM	25	25	19.78	20.05	20.23		
10	64QAM	50	0	19.79	20.02	20.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.62	22.81	22.93	24.5	0
5	QPSK	1	12	22.91	22.92	22.95		
5	QPSK	1	24	22.58	22.85	22.93		
5	QPSK	12	0	21.74	21.99	22.24	23.5	1
5	QPSK	12	7	21.85	22.06	22.33		
5	QPSK	12	13	21.75	21.99	22.26		
5	QPSK	25	0	21.76	22.00	22.28		
5	16QAM	1	0	21.90	22.17	22.35	23.5	1
5	16QAM	1	12	22.23	22.45	22.64		
5	16QAM	1	24	21.85	22.12	22.31		
5	16QAM	12	0	20.74	20.99	21.24	22.5	2
5	16QAM	12	7	20.82	21.05	21.31		
5	16QAM	12	13	20.73	20.98	21.22		
5	16QAM	25	0	20.74	21.00	21.28		
5	64QAM	1	0	20.83	21.04	21.27	22.5	2
5	64QAM	1	12	21.09	21.27	21.58		
5	64QAM	1	24	20.77	20.99	21.24		
5	64QAM	12	0	19.79	20.02	20.21	21.5	3
5	64QAM	12	7	19.90	20.13	20.32		
5	64QAM	12	13	19.79	20.03	20.20		
5	64QAM	25	0	19.78	20.03	20.23		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.72	22.97	22.93	24.5	0
3	QPSK	1	8	22.72	22.95	22.95		
3	QPSK	1	14	22.70	22.94	22.91		
3	QPSK	8	0	21.78	22.01	22.28	23.5	1
3	QPSK	8	4	21.81	22.06	22.34		
3	QPSK	8	7	21.81	22.03	22.28		
3	QPSK	15	0	21.77	22.03	22.28		
3	16QAM	1	0	22.02	22.28	22.48	23.5	1
3	16QAM	1	8	22.00	22.28	22.46		
3	16QAM	1	14	22.01	22.28	22.43		
3	16QAM	8	0	20.84	21.09	21.35	22.5	2
3	16QAM	8	4	20.90	21.12	21.35		
3	16QAM	8	7	20.83	21.08	21.31		
3	16QAM	15	0	20.79	21.02	21.27		
3	64QAM	1	0	20.89	21.14	21.35	22.5	2
3	64QAM	1	8	20.93	21.17	21.41		
3	64QAM	1	14	20.92	21.17	21.37		
3	64QAM	8	0	19.84	20.11	20.29	21.5	3
3	64QAM	8	4	19.87	20.14	20.31		
3	64QAM	8	7	19.86	20.11	20.26		
3	64QAM	15	0	19.80	20.06	20.23		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.66	22.89	22.90	24.5	0
1.4	QPSK	1	3	22.77	22.92	22.93		
1.4	QPSK	1	5	22.67	22.90	22.94		
1.4	QPSK	3	0	22.77	22.91	22.94		
1.4	QPSK	3	1	22.82	22.94	22.95		
1.4	QPSK	3	3	22.79	22.92	22.94		
1.4	QPSK	6	0	21.77	22.01	22.31	23.5	1
1.4	16QAM	1	0	21.90	22.21	22.38	23.5	1
1.4	16QAM	1	3	22.08	22.32	22.49		
1.4	16QAM	1	5	21.96	22.24	22.40		
1.4	16QAM	3	0	21.75	22.02	22.24		
1.4	16QAM	3	1	21.81	22.07	22.29		
1.4	16QAM	3	3	21.78	22.04	22.24		
1.4	16QAM	6	0	20.88	21.10	21.35	22.5	2
1.4	64QAM	1	0	20.88	21.12	21.35	22.5	2
1.4	64QAM	1	3	20.92	21.21	21.41		
1.4	64QAM	1	5	20.86	21.14	21.30		
1.4	64QAM	3	0	20.91	21.10	21.35		
1.4	64QAM	3	1	20.94	21.21	21.43		
1.4	64QAM	3	3	20.88	21.12	21.33		
1.4	64QAM	6	0	19.80	20.04	20.25	21.5	3

Band 2_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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.30	23.45	23.33	24.5	0
20	QPSK	1	49	23.35	23.46	23.40		
20	QPSK	1	99	23.05	23.11	23.08		
20	QPSK	50	0	22.49	22.55	22.53	23.5	1
20	QPSK	50	24	22.47	22.50	22.50		
20	QPSK	50	50	22.42	22.45	22.46		
20	QPSK	100	0	22.43	22.52	22.48		
20	16QAM	1	0	22.42	22.50	22.42	23.5	1
20	16QAM	1	49	22.75	22.81	22.81		
20	16QAM	1	99	22.31	22.36	22.40		
20	16QAM	50	0	21.45	21.57	21.55	22.5	2
20	16QAM	50	24	21.48	21.52	21.52		
20	16QAM	50	50	21.44	21.45	21.51		
20	16QAM	100	0	21.42	21.48	21.48		
20	64QAM	1	0	21.30	21.40	21.34	22.5	2
20	64QAM	1	49	21.60	21.68	21.62		
20	64QAM	1	99	21.24	21.27	21.22		
20	64QAM	50	0	20.50	20.60	20.56	21.5	3
20	64QAM	50	24	20.50	20.54	20.55		
20	64QAM	50	50	20.41	20.43	20.40		
20	64QAM	100	0	20.43	20.50	20.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.24	23.29	23.26	24.5	0
15	QPSK	1	37	23.38	23.43	23.42		
15	QPSK	1	74	23.14	23.16	23.21		
15	QPSK	36	0	22.37	22.44	22.49	23.5	1
15	QPSK	36	20	22.37	22.47	22.51		
15	QPSK	36	39	22.31	22.40	22.47		
15	QPSK	75	0	22.36	22.45	22.48		
15	16QAM	1	0	22.50	22.56	22.55	23.5	1
15	16QAM	1	37	22.78	22.79	22.82		
15	16QAM	1	74	22.41	22.42	22.48		
15	16QAM	36	0	21.32	21.42	21.47	22.5	2
15	16QAM	36	20	21.36	21.44	21.46		
15	16QAM	36	39	21.28	21.39	21.45		
15	16QAM	75	0	21.34	21.43	21.47		
15	64QAM	1	0	21.38	21.52	21.45	22.5	2
15	64QAM	1	37	21.87	21.73	21.78		
15	64QAM	1	74	21.37	21.42	21.44		
15	64QAM	36	0	20.40	20.49	20.50	21.5	3
15	64QAM	36	20	20.39	20.48	20.46		
15	64QAM	36	39	20.30	20.40	20.39		
15	64QAM	75	0	20.38	20.45	20.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.29	23.37	23.37	24.5	0
10	QPSK	1	25	23.27	23.34	23.35		
10	QPSK	1	49	23.26	23.32	23.32		
10	QPSK	25	0	22.37	22.46	22.50	23.5	1
10	QPSK	25	12	22.37	22.44	22.48		
10	QPSK	25	25	22.32	22.46	22.48		
10	QPSK	50	0	22.35	22.45	22.52		
10	16QAM	1	0	22.58	22.68	22.64	23.5	1
10	16QAM	1	25	22.65	22.78	22.75		
10	16QAM	1	49	22.54	22.62	22.59		
10	16QAM	25	0	21.38	21.47	21.49	22.5	2
10	16QAM	25	12	21.39	21.42	21.49		
10	16QAM	25	25	21.33	21.47	21.49		
10	16QAM	50	0	21.34	21.48	21.48		
10	64QAM	1	0	21.47	21.54	21.56	22.5	2
10	64QAM	1	25	21.59	21.67	21.69		
10	64QAM	1	49	21.44	21.51	21.50		
10	64QAM	25	0	20.39	20.48	20.43	21.5	3
10	64QAM	25	12	20.42	20.50	20.43		
10	64QAM	25	25	20.38	20.44	20.39		
10	64QAM	50	0	20.37	20.46	20.41		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.17	23.27	23.26	24.5	0
5	QPSK	1	12	23.31	23.39	23.32		
5	QPSK	1	24	23.14	23.24	23.26		
5	QPSK	12	0	22.34	22.44	22.47	23.5	1
5	QPSK	12	7	22.40	22.48	22.54		
5	QPSK	12	13	22.30	22.45	22.43		
5	QPSK	25	0	22.31	22.44	22.49		
5	16QAM	1	0	22.46	22.53	22.57	23.5	1
5	16QAM	1	12	22.74	22.79	22.82		
5	16QAM	1	24	22.44	22.49	22.51		
5	16QAM	12	0	21.34	21.40	21.45	22.5	2
5	16QAM	12	7	21.42	21.50	21.53		
5	16QAM	12	13	21.27	21.40	21.41		
5	16QAM	25	0	21.35	21.45	21.46		
5	64QAM	1	0	21.34	21.44	21.44	22.5	2
5	64QAM	1	12	21.68	21.76	21.80		
5	64QAM	1	24	21.34	21.42	21.42		
5	64QAM	12	0	20.40	20.49	20.44	21.5	3
5	64QAM	12	7	20.44	20.54	20.50		
5	64QAM	12	13	20.34	20.44	20.36		
5	64QAM	25	0	20.35	20.44	20.41		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.31	23.40	23.38	24.5	0
3	QPSK	1	8	23.23	23.30	23.32		
3	QPSK	1	14	23.29	23.38	23.39		
3	QPSK	8	0	22.35	22.46	22.47	23.5	1
3	QPSK	8	4	22.39	22.47	22.51		
3	QPSK	8	7	22.36	22.42	22.45		
3	QPSK	15	0	22.37	22.42	22.49		
3	16QAM	1	0	22.57	22.65	22.67	23.5	1
3	16QAM	1	8	22.60	22.66	22.67		
3	16QAM	1	14	22.60	22.66	22.59		
3	16QAM	8	0	21.42	21.50	21.55	22.5	2
3	16QAM	8	4	21.45	21.56	21.56		
3	16QAM	8	7	21.41	21.49	21.50		
3	16QAM	15	0	21.36	21.46	21.52		
3	64QAM	1	0	21.46	21.57	21.60	22.5	2
3	64QAM	1	8	21.53	21.58	21.64		
3	64QAM	1	14	21.48	21.54	21.60		
3	64QAM	8	0	20.44	20.52	20.48	21.5	3
3	64QAM	8	4	20.46	20.52	20.50		
3	64QAM	8	7	20.41	20.50	20.45		
3	64QAM	15	0	20.38	20.48	20.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.24	23.34	23.34	24.5	0
1.4	QPSK	1	3	23.24	23.35	23.35		
1.4	QPSK	1	5	23.26	23.32	23.33		
1.4	QPSK	3	0	23.35	23.43	23.42		
1.4	QPSK	3	1	23.42	23.39	23.32		
1.4	QPSK	3	3	23.37	23.36	23.35		
1.4	QPSK	6	0	22.39	22.46	22.48	23.5	1
1.4	16QAM	1	0	22.55	22.64	22.57	23.5	1
1.4	16QAM	1	3	22.61	22.75	22.65		
1.4	16QAM	1	5	22.53	22.61	22.56		
1.4	16QAM	3	0	22.35	22.45	22.42		
1.4	16QAM	3	1	22.39	22.48	22.50		
1.4	16QAM	3	3	22.38	22.44	22.45		
1.4	16QAM	6	0	21.46	21.51	21.56	22.5	2
1.4	64QAM	1	0	21.45	21.52	21.53	22.5	2
1.4	64QAM	1	3	21.57	21.62	21.61		
1.4	64QAM	1	5	21.48	21.50	21.50		
1.4	64QAM	3	0	21.48	21.56	21.57		
1.4	64QAM	3	1	21.50	21.64	21.62		
1.4	64QAM	3	3	21.47	21.50	21.55		
1.4	64QAM	6	0	20.36	20.47	20.43	21.5	3

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	22.87	23.21	23.06	24.5	0
20	QPSK	1	49	23.13	23.24	23.14		
20	QPSK	1	99	22.78	22.97	22.89		
20	QPSK	50	0	22.17	22.25	22.24	23.5	1
20	QPSK	50	24	22.14	22.24	22.23		
20	QPSK	50	50	22.22	22.18	22.13		
20	QPSK	100	0	22.13	22.24	22.21		
20	16QAM	1	0	22.46	22.56	22.45	23.5	1
20	16QAM	1	49	22.40	22.49	22.81		
20	16QAM	1	99	21.77	22.05	21.89		
20	16QAM	50	0	21.28	21.26	21.32	22.5	2
20	16QAM	50	24	21.31	21.23	21.28		
20	16QAM	50	50	21.25	21.19	21.24		
20	16QAM	100	0	21.19	21.15	21.27		
20	64QAM	1	0	21.22	21.05	21.08	22.5	2
20	64QAM	1	49	21.10	21.59	21.69		
20	64QAM	1	99	21.20	21.16	21.25		
20	64QAM	50	0	20.21	20.14	20.23	21.5	3
20	64QAM	50	24	20.11	20.25	20.25		
20	64QAM	50	50	20.19	20.22	20.09		
20	64QAM	100	0	20.17	20.14	20.21		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.06	23.15	23.20	24.5	0
15	QPSK	1	37	23.13	23.16	23.16		
15	QPSK	1	74	23.11	23.05	23.06		
15	QPSK	36	0	22.07	22.14	22.22	23.5	1
15	QPSK	36	20	22.07	22.22	22.22		
15	QPSK	36	39	22.19	22.24	22.16		
15	QPSK	75	0	22.13	22.13	22.17		
15	16QAM	1	0	22.24	22.38	22.41	23.5	1
15	16QAM	1	37	22.58	22.35	22.65		
15	16QAM	1	74	22.18	22.11	22.55		
15	16QAM	36	0	21.21	21.19	21.33	22.5	2
15	16QAM	36	20	21.12	21.19	21.26		
15	16QAM	36	39	21.18	21.12	21.19		
15	16QAM	75	0	21.12	21.31	21.24		
15	64QAM	1	0	21.31	21.48	21.03	22.5	2
15	64QAM	1	37	21.53	21.61	21.61		
15	64QAM	1	74	21.28	21.21	21.29		
15	64QAM	36	0	20.17	20.29	20.18	21.5	3
15	64QAM	36	20	20.15	20.24	20.25		
15	64QAM	36	39	20.11	20.26	20.18		
15	64QAM	75	0	20.09	20.13	20.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.97	23.16	23.16	24.5	0
10	QPSK	1	25	23.20	23.18	23.18		
10	QPSK	1	49	23.03	23.01	23.14		
10	QPSK	25	0	22.24	22.25	22.25	23.5	1
10	QPSK	25	12	22.19	22.27	22.29		
10	QPSK	25	25	22.22	22.25	22.21		
10	QPSK	50	0	22.21	22.27	22.15		
10	16QAM	1	0	22.19	22.24	22.46	23.5	1
10	16QAM	1	25	22.75	22.66	22.59		
10	16QAM	1	49	22.18	22.35	22.48		
10	16QAM	25	0	21.21	21.32	21.20	22.5	2
10	16QAM	25	12	21.25	21.24	21.24		
10	16QAM	25	25	21.25	21.22	21.26		
10	16QAM	50	0	21.25	21.25	21.29		
10	64QAM	1	0	21.47	21.38	21.70	22.5	2
10	64QAM	1	25	21.50	21.39	21.68		
10	64QAM	1	49	21.42	21.08	21.10		
10	64QAM	25	0	20.12	20.14	20.30	21.5	3
10	64QAM	25	12	20.22	20.29	20.20		
10	64QAM	25	25	20.07	20.18	20.32		
10	64QAM	50	0	20.04	20.23	20.25		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.01	23.11	23.09	24.5	0
5	QPSK	1	12	23.18	23.13	23.19		
5	QPSK	1	24	23.04	23.02	23.03		
5	QPSK	12	0	22.08	22.21	22.21	23.5	1
5	QPSK	12	7	22.13	22.29	22.26		
5	QPSK	12	13	22.07	22.12	22.14		
5	QPSK	25	0	22.13	22.10	22.25		
5	16QAM	1	0	22.21	22.14	22.57	23.5	1
5	16QAM	1	12	22.54	22.30	22.28		
5	16QAM	1	24	22.16	22.29	22.23		
5	16QAM	12	0	21.15	21.18	21.27	22.5	2
5	16QAM	12	7	21.25	21.36	21.25		
5	16QAM	12	13	21.11	21.10	21.07		
5	16QAM	25	0	21.08	21.22	21.15		
5	64QAM	1	0	21.40	21.40	21.35	22.5	2
5	64QAM	1	12	21.20	21.74	21.63		
5	64QAM	1	24	21.22	21.25	21.29		
5	64QAM	12	0	20.02	20.19	20.16	21.5	3
5	64QAM	12	7	20.29	20.37	20.40		
5	64QAM	12	13	20.06	20.19	20.15		
5	64QAM	25	0	20.07	20.24	20.23		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.99	23.17	23.20	24.5	0
3	QPSK	1	8	23.16	23.19	23.17		
3	QPSK	1	14	23.06	23.15	23.17		
3	QPSK	8	0	22.14	22.20	22.29	23.5	1
3	QPSK	8	4	22.22	22.22	22.24		
3	QPSK	8	7	22.12	22.23	22.19		
3	QPSK	15	0	22.03	22.14	22.29		
3	16QAM	1	0	22.05	22.31	22.29	23.5	1
3	16QAM	1	8	22.53	22.39	22.67		
3	16QAM	1	14	22.34	22.58	22.57		
3	16QAM	8	0	21.17	21.20	21.36	22.5	2
3	16QAM	8	4	21.29	21.26	21.42		
3	16QAM	8	7	21.29	21.32	21.20		
3	16QAM	15	0	21.18	21.22	21.22		
3	64QAM	1	0	21.17	21.16	21.46	22.5	2
3	64QAM	1	8	20.98	21.23	21.54		
3	64QAM	1	14	21.55	21.30	21.18		
3	64QAM	8	0	20.23	20.21	20.27	21.5	3
3	64QAM	8	4	20.22	20.16	20.40		
3	64QAM	8	7	20.23	20.34	20.29		
3	64QAM	15	0	20.20	20.30	20.21		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.09	23.12	23.14	24.5	0
1.4	QPSK	1	3	23.17	23.18	23.18		
1.4	QPSK	1	5	23.01	23.14	23.15		
1.4	QPSK	3	0	23.16	23.18	23.20		
1.4	QPSK	3	1	23.19	23.19	23.19		
1.4	QPSK	3	3	23.15	23.17	23.16		
1.4	QPSK	6	0	22.05	22.25	22.27	23.5	1
1.4	16QAM	1	0	22.03	22.30	22.60	23.5	1
1.4	16QAM	1	3	22.70	22.60	22.52		
1.4	16QAM	1	5	22.02	22.33	22.39		
1.4	16QAM	3	0	22.09	22.25	22.33		
1.4	16QAM	3	1	22.06	22.29	22.35		
1.4	16QAM	3	3	22.10	22.22	22.27		
1.4	16QAM	6	0	21.45	21.50	21.44	22.5	2
1.4	64QAM	1	0	21.38	21.28	21.47	22.5	2
1.4	64QAM	1	3	21.08	21.64	21.54		
1.4	64QAM	1	5	20.91	21.25	21.40		
1.4	64QAM	3	0	21.37	21.36	21.16		
1.4	64QAM	3	1	21.35	21.56	21.44		
1.4	64QAM	3	3	21.31	21.46	21.40		
1.4	64QAM	6	0	20.11	20.26	20.36	21.5	3

0.1

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	23.20	23.29	23.27	24.5	0
20	QPSK	1	49	23.50	23.56	23.51		
20	QPSK	1	99	23.11	23.19	23.17		
20	QPSK	50	0	22.44	22.69	22.64	23.5	1
20	QPSK	50	24	22.46	22.53	22.58		
20	QPSK	50	50	22.51	22.51	22.45		
20	QPSK	100	0	22.48	22.57	22.51		
20	16QAM	1	0	22.52	22.57	22.56	23.5	1
20	16QAM	1	49	22.74	22.82	22.81		
20	16QAM	1	99	22.40	22.42	22.43		
20	16QAM	50	0	21.49	21.53	21.64	22.5	2
20	16QAM	50	24	21.52	21.54	21.57		
20	16QAM	50	50	21.55	21.55	21.49		
20	16QAM	100	0	21.52	21.49	21.54		
20	64QAM	1	0	21.50	21.48	21.53	22.5	2
20	64QAM	1	49	21.71	21.72	21.72		
20	64QAM	1	99	21.38	21.37	21.40		
20	64QAM	50	0	20.45	20.50	20.61	21.5	3
20	64QAM	50	24	20.48	20.52	20.56		
20	64QAM	50	50	20.48	20.49	20.45		
20	64QAM	100	0	20.45	20.47	20.52		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.99	23.10	23.13	24.5	0
15	QPSK	1	37	23.14	23.25	22.98		
15	QPSK	1	74	22.98	23.00	23.02		
15	QPSK	36	0	22.12	22.14	22.23	23.5	1
15	QPSK	36	20	22.11	22.15	22.22		
15	QPSK	36	39	22.12	22.15	22.12		
15	QPSK	75	0	22.10	22.14	22.17		
15	16QAM	1	0	22.32	22.40	22.37	23.5	1
15	16QAM	1	37	22.47	22.57	22.50		
15	16QAM	1	74	22.28	22.26	22.26		
15	16QAM	36	0	21.12	21.19	21.23	22.5	2
15	16QAM	36	20	21.11	21.17	21.20		
15	16QAM	36	39	21.15	21.15	21.15		
15	16QAM	75	0	21.15	21.15	21.20		
15	64QAM	1	0	21.23	21.32	21.40	22.5	2
15	64QAM	1	37	21.38	21.38	21.44		
15	64QAM	1	74	21.21	21.18	21.25		
15	64QAM	36	0	20.11	20.17	20.20	21.5	3
15	64QAM	36	20	20.12	20.17	20.21		
15	64QAM	36	39	20.08	20.17	20.12		
15	64QAM	75	0	20.08	20.14	20.16		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.09	23.16	23.20	24.5	0
10	QPSK	1	25	23.16	23.26	23.25		
10	QPSK	1	49	23.05	23.08	23.13		
10	QPSK	25	0	22.16	22.23	22.25	23.5	1
10	QPSK	25	12	22.15	22.20	22.26		
10	QPSK	25	25	22.19	22.13	22.23		
10	QPSK	50	0	22.15	22.26	22.22		
10	16QAM	1	0	22.37	22.41	22.44	23.5	1
10	16QAM	1	25	22.44	22.49	22.48		
10	16QAM	1	49	22.38	22.33	22.39		
10	16QAM	25	0	21.20	21.24	21.28	22.5	2
10	16QAM	25	12	21.20	21.25	21.27		
10	16QAM	25	25	21.22	21.18	21.16		
10	16QAM	50	0	21.21	21.29	21.22		
10	64QAM	1	0	21.33	21.35	21.39	22.5	2
10	64QAM	1	25	21.40	21.42	21.42		
10	64QAM	1	49	21.31	21.27	21.26		
10	64QAM	25	0	20.12	20.20	20.25	21.5	3
10	64QAM	25	12	20.17	20.24	20.25		
10	64QAM	25	25	20.12	20.16	20.19		
10	64QAM	50	0	20.10	20.17	20.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.95	23.02	23.04	24.5	0
5	QPSK	1	12	23.21	23.31	23.28		
5	QPSK	1	24	22.92	23.02	23.04		
5	QPSK	12	0	22.12	22.13	22.18	23.5	1
5	QPSK	12	7	22.15	22.20	22.26		
5	QPSK	12	13	22.11	22.15	22.19		
5	QPSK	25	0	22.10	22.14	22.18		
5	16QAM	1	0	22.29	22.34	22.28	23.5	1
5	16QAM	1	12	22.57	22.62	22.58		
5	16QAM	1	24	22.20	22.24	22.25		
5	16QAM	12	0	21.10	21.15	21.19	22.5	2
5	16QAM	12	7	21.20	21.24	21.23		
5	16QAM	12	13	21.13	21.13	21.13		
5	16QAM	25	0	21.16	21.16	21.18		
5	64QAM	1	0	21.21	21.25	21.28	22.5	2
5	64QAM	1	12	21.43	21.45	21.52		
5	64QAM	1	24	21.16	21.18	21.12		
5	64QAM	12	0	20.10	20.17	20.19	21.5	3
5	64QAM	12	7	20.18	20.23	20.30		
5	64QAM	12	13	20.10	20.14	20.17		
5	64QAM	25	0	20.10	20.13	20.20		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.08	23.15	23.17	24.5	0
3	QPSK	1	8	23.09	23.15	23.19		
3	QPSK	1	14	23.07	23.11	23.14		
3	QPSK	8	0	22.13	22.19	22.22	23.5	1
3	QPSK	8	4	22.17	22.20	22.26		
3	QPSK	8	7	22.12	22.20	22.23		
3	QPSK	15	0	22.13	22.19	22.23		
3	16QAM	1	0	22.36	22.40	22.40	23.5	1
3	16QAM	1	8	22.35	22.44	22.43		
3	16QAM	1	14	22.35	22.41	22.44		
3	16QAM	8	0	21.28	21.27	21.25	22.5	2
3	16QAM	8	4	21.25	21.31	21.30		
3	16QAM	8	7	21.23	21.27	21.25		
3	16QAM	15	0	21.21	21.22	21.21		
3	64QAM	1	0	21.29	21.33	21.35	22.5	2
3	64QAM	1	8	21.35	21.35	21.38		
3	64QAM	1	14	21.32	21.33	21.34		
3	64QAM	8	0	20.18	20.25	20.28	21.5	3
3	64QAM	8	4	20.22	20.25	20.31		
3	64QAM	8	7	20.15	20.20	20.28		
3	64QAM	15	0	20.14	20.19	20.25		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.04	23.12	23.15	24.5	0
1.4	QPSK	1	3	23.16	23.24	23.31		
1.4	QPSK	1	5	23.04	23.12	23.17		
1.4	QPSK	3	0	23.15	23.21	23.28		
1.4	QPSK	3	1	23.20	23.29	23.33		
1.4	QPSK	3	3	23.13	23.22	23.28		
1.4	QPSK	6	0	22.17	22.22	22.31	23.5	1
1.4	16QAM	1	0	22.33	22.38	22.44	23.5	1
1.4	16QAM	1	3	22.40	22.49	22.56		
1.4	16QAM	1	5	22.33	22.37	22.45		
1.4	16QAM	3	0	22.16	22.22	22.24		
1.4	16QAM	3	1	22.20	22.24	22.34		
1.4	16QAM	3	3	22.18	22.20	22.24		
1.4	16QAM	6	0	21.31	21.31	21.35	22.5	2
1.4	64QAM	1	0	21.27	21.29	21.36	22.5	2
1.4	64QAM	1	3	21.39	21.41	21.48		
1.4	64QAM	1	5	21.31	21.32	21.29		
1.4	64QAM	3	0	21.32	21.34	21.37		
1.4	64QAM	3	1	21.37	21.37	21.40		
1.4	64QAM	3	3	21.31	21.35	21.34		
1.4	64QAM	6	0	20.18	20.23	20.29	21.5	3

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	23.75	23.84	23.72	25	0
10	QPSK	1	25	23.83	23.88	23.79		
10	QPSK	1	49	23.71	23.69	23.68		
10	QPSK	25	0	22.84	22.88	22.80	24	1
10	QPSK	25	12	22.85	22.77	22.81		
10	QPSK	25	25	22.84	22.82	22.72		
10	QPSK	50	0	22.84	22.86	22.79		
10	16QAM	1	0	22.98	22.90	22.94	24	1
10	16QAM	1	25	23.04	22.99	22.94		
10	16QAM	1	49	22.89	22.94	22.82		
10	16QAM	25	0	21.84	21.80	21.79	23	2
10	16QAM	25	12	21.82	21.76	21.79		
10	16QAM	25	25	21.80	21.78	21.66		
10	16QAM	50	0	21.83	21.80	21.73		
10	64QAM	1	0	21.85	21.83	21.86	23	2
10	64QAM	1	25	21.97	21.96	21.87		
10	64QAM	1	49	21.82	21.84	21.79		
10	64QAM	25	0	20.88	20.86	20.83	22	3
10	64QAM	25	12	20.85	20.78	20.84		
10	64QAM	25	25	20.81	20.84	20.71		
10	64QAM	50	0	20.86	20.82	20.76		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.67	23.60	23.58	25	0
5	QPSK	1	12	23.82	23.83	23.81		
5	QPSK	1	24	23.65	23.56	23.59		
5	QPSK	12	0	22.80	22.74	22.73	24	1
5	QPSK	12	7	22.85	22.80	22.79		
5	QPSK	12	13	22.75	22.74	22.65		
5	QPSK	25	0	22.80	22.77	22.72		
5	16QAM	1	0	22.88	22.85	22.77	24	1
5	16QAM	1	12	23.09	23.05	23.08		
5	16QAM	1	24	22.85	22.80	22.71		
5	16QAM	12	0	21.73	21.68	21.70	23	2
5	16QAM	12	7	21.80	21.75	21.73		
5	16QAM	12	13	21.72	21.72	21.60		
5	16QAM	25	0	21.76	21.72	21.69		
5	64QAM	1	0	21.81	21.73	21.74	23	2
5	64QAM	1	12	22.04	22.01	21.98		
5	64QAM	1	24	21.76	21.72	21.67		
5	64QAM	12	0	20.81	20.74	20.77	22	3
5	64QAM	12	7	20.87	20.82	20.79		
5	64QAM	12	13	20.77	20.74	20.67		
5	64QAM	25	0	20.80	20.75	20.71		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.76	23.67	23.68	25	0
3	QPSK	1	8	23.73	23.69	23.69		
3	QPSK	1	14	23.72	23.69	23.68		
3	QPSK	8	0	22.81	22.71	22.72	24	1
3	QPSK	8	4	22.83	22.78	22.77		
3	QPSK	8	7	22.78	22.73	22.70		
3	QPSK	15	0	22.81	22.76	22.74		
3	16QAM	1	0	22.93	22.89	22.83	24	1
3	16QAM	1	8	22.93	22.89	22.81		
3	16QAM	1	14	22.93	22.89	22.83		
3	16QAM	8	0	21.83	21.75	21.75	23	2
3	16QAM	8	4	21.85	21.81	21.77		
3	16QAM	8	7	21.80	21.78	21.71		
3	16QAM	15	0	21.79	21.75	21.72		
3	64QAM	1	0	21.88	21.80	21.81	23	2
3	64QAM	1	8	21.89	21.83	21.78		
3	64QAM	1	14	21.83	21.88	21.80		
3	64QAM	8	0	20.85	20.78	20.82	22	3
3	64QAM	8	4	20.87	20.82	20.83		
3	64QAM	8	7	20.80	20.83	20.73		
3	64QAM	15	0	20.81	20.75	20.74		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.71	23.64	23.62	25	0
1.4	QPSK	1	3	23.82	23.74	23.76		
1.4	QPSK	1	5	23.72	23.62	23.66		
1.4	QPSK	3	0	23.83	23.74	23.76		
1.4	QPSK	3	1	23.81	23.78	23.80		
1.4	QPSK	3	3	23.82	23.74	23.73		
1.4	QPSK	6	0	22.86	22.76	22.77	24	1
1.4	16QAM	1	0	22.93	22.83	22.80	24	1
1.4	16QAM	1	3	23.02	22.98	22.92		
1.4	16QAM	1	5	22.94	22.81	22.77		
1.4	16QAM	3	0	22.78	22.70	22.67		
1.4	16QAM	3	1	22.82	22.74	22.71		
1.4	16QAM	3	3	22.76	22.71	22.63		
1.4	16QAM	6	0	21.86	21.79	21.78	23	2
1.4	64QAM	1	0	21.88	21.77	21.75	23	2
1.4	64QAM	1	3	21.96	21.85	21.85		
1.4	64QAM	1	5	21.88	21.78	21.72		
1.4	64QAM	3	0	21.91	21.80	21.80		
1.4	64QAM	3	1	21.90	21.87	21.86		
1.4	64QAM	3	3	21.87	21.83	21.78		
1.4	64QAM	6	0	20.82	20.72	20.75	22	3

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	23.69	23.62	23.62	25	0
10	QPSK	1	25	23.74	23.79	23.67		
10	QPSK	1	49	23.59	23.57	23.57		
10	QPSK	25	0	22.82	22.83	22.70	24	1
10	QPSK	25	12	22.76	22.68	22.69		
10	QPSK	25	25	22.75	22.74	22.58		
10	QPSK	50	0	22.78	22.84	22.66		
10	16QAM	1	0	22.89	22.84	22.83	24	1
10	16QAM	1	25	22.94	22.95	22.87		
10	16QAM	1	49	22.86	22.86	22.73		
10	16QAM	25	0	21.77	21.69	21.69	23	2
10	16QAM	25	12	21.72	21.68	21.66		
10	16QAM	25	25	21.68	21.72	21.54		
10	16QAM	50	0	21.74	21.71	21.62		
10	64QAM	1	0	21.78	21.73	21.77	23	2
10	64QAM	1	25	21.87	21.90	21.79		
10	64QAM	1	49	21.75	21.77	21.73		
10	64QAM	25	0	20.78	20.72	20.69	22	3
10	64QAM	25	12	20.74	20.68	20.69		
10	64QAM	25	25	20.71	20.74	20.59		
10	64QAM	50	0	20.78	20.71	20.65		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.28	23.22	23.19	25	0
5	QPSK	1	12	23.51	23.49	23.48		
5	QPSK	1	24	23.25	23.21	23.18		
5	QPSK	12	0	22.41	22.36	22.37	24	1
5	QPSK	12	7	22.46	22.44	22.38		
5	QPSK	12	13	22.36	22.37	22.27		
5	QPSK	25	0	22.41	22.38	22.32		
5	16QAM	1	0	22.47	22.48	22.37	24	1
5	16QAM	1	12	22.66	22.76	22.62		
5	16QAM	1	24	22.39	22.42	22.32		
5	16QAM	12	0	21.38	21.29	21.30	23	2
5	16QAM	12	7	21.40	21.38	21.32		
5	16QAM	12	13	21.31	21.33	21.21		
5	16QAM	25	0	21.37	21.34	21.28		
5	64QAM	1	0	21.40	21.34	21.31	23	2
5	64QAM	1	12	21.65	21.64	21.55		
5	64QAM	1	24	21.39	21.34	21.28		
5	64QAM	12	0	20.44	20.35	20.38	22	3
5	64QAM	12	7	20.46	20.44	20.40		
5	64QAM	12	13	20.35	20.40	20.29		
5	64QAM	25	0	20.40	20.37	20.33		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.37	23.29	23.30	25	0
3	QPSK	1	8	23.37	23.30	23.30		
3	QPSK	1	14	23.36	23.31	23.27		
3	QPSK	8	0	22.43	22.33	22.35	24	1
3	QPSK	8	4	22.46	22.39	22.37		
3	QPSK	8	7	22.41	22.36	22.31		
3	QPSK	15	0	22.44	22.37	22.36		
3	16QAM	1	0	22.56	22.54	22.47	24	1
3	16QAM	1	8	22.52	22.51	22.45		
3	16QAM	1	14	22.52	22.57	22.40		
3	16QAM	8	0	21.45	21.38	21.35	23	2
3	16QAM	8	4	21.45	21.45	21.40		
3	16QAM	8	7	21.42	21.39	21.30		
3	16QAM	15	0	21.40	21.37	21.32		
3	64QAM	1	0	21.51	21.40	21.40	23	2
3	64QAM	1	8	21.47	21.45	21.44		
3	64QAM	1	14	21.47	21.51	21.44		
3	64QAM	8	0	20.50	20.38	20.39	22	3
3	64QAM	8	4	20.51	20.45	20.43		
3	64QAM	8	7	20.44	20.43	20.36		
3	64QAM	15	0	20.44	20.37	20.34		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.36	23.27	23.22	25	0
1.4	QPSK	1	3	23.46	23.39	23.38		
1.4	QPSK	1	5	23.35	23.26	23.24		
1.4	QPSK	3	0	23.47	23.37	23.36		
1.4	QPSK	3	1	23.53	23.42	23.39		
1.4	QPSK	3	3	23.47	23.36	23.38		
1.4	QPSK	6	0	22.49	22.37	22.37	24	1
1.4	16QAM	1	0	22.58	22.50	22.36	24	1
1.4	16QAM	1	3	22.68	22.57	22.51		
1.4	16QAM	1	5	22.56	22.51	22.42		
1.4	16QAM	3	0	22.39	22.33	22.27		
1.4	16QAM	3	1	22.44	22.39	22.33		
1.4	16QAM	3	3	22.38	22.31	22.27		
1.4	16QAM	6	0	21.53	21.45	21.42	23	2
1.4	64QAM	1	0	21.52	21.40	21.33	23	2
1.4	64QAM	1	3	21.61	21.44	21.46		
1.4	64QAM	1	5	21.46	21.42	21.39		
1.4	64QAM	3	0	21.53	21.46	21.39		
1.4	64QAM	3	1	21.57	21.53	21.46		
1.4	64QAM	3	3	21.50	21.43	21.40		
1.4	64QAM	6	0	20.45	20.37	20.38	22	3

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	23.02	23.29	22.90	24.5	0
20	QPSK	1	49	23.25	23.37	23.28		
20	QPSK	1	99	22.93	22.99	23.14		
20	QPSK	50	0	22.23	22.28	22.29	23.5	1
20	QPSK	50	24	22.32	22.36	22.32		
20	QPSK	50	50	22.31	22.28	22.31		
20	QPSK	100	0	22.23	22.32	22.31		
20	16QAM	1	0	22.29	22.22	22.12	23.5	1
20	16QAM	1	49	22.59	22.56	22.63		
20	16QAM	1	99	22.22	22.29	22.43		
20	16QAM	50	0	21.22	21.27	21.27	22.5	2
20	16QAM	50	24	21.28	21.28	21.31		
20	16QAM	50	50	21.29	21.27	21.32		
20	16QAM	100	0	21.23	21.27	21.32		
20	64QAM	1	0	21.21	21.05	21.07	22.5	2
20	64QAM	1	49	21.50	21.45	21.51		
20	64QAM	1	99	21.16	21.14	21.30		
20	64QAM	50	0	20.25	20.25	20.29	21.5	3
20	64QAM	50	24	20.30	20.28	20.31		
20	64QAM	50	50	20.29	20.28	20.33		
20	64QAM	100	0	20.24	20.30	20.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.25	23.28	23.12	24.5	0
15	QPSK	1	37	23.28	23.27	23.22		
15	QPSK	1	74	23.28	23.25	23.27		
15	QPSK	36	0	22.32	22.31	22.36	23.5	1
15	QPSK	36	20	22.37	22.33	22.41		
15	QPSK	36	39	22.35	22.31	22.46		
15	QPSK	75	0	22.41	22.36	22.37		
15	16QAM	1	0	22.53	22.34	22.29	23.5	1
15	16QAM	1	37	22.85	22.51	22.41		
15	16QAM	1	74	22.39	22.65	22.37		
15	16QAM	36	0	21.30	21.40	21.26	22.5	2
15	16QAM	36	20	21.43	21.34	21.40		
15	16QAM	36	39	21.31	21.30	21.39		
15	16QAM	75	0	21.31	21.32	21.42		
15	64QAM	1	0	21.55	21.50	21.41	22.5	2
15	64QAM	1	37	21.90	21.14	21.95		
15	64QAM	1	74	21.57	21.45	21.68		
15	64QAM	36	0	20.41	20.33	20.35	21.5	3
15	64QAM	36	20	20.45	20.44	20.39		
15	64QAM	36	39	20.45	20.40	20.44		
15	64QAM	75	0	20.43	20.30	20.40		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.24	23.28	23.25	24.5	0
10	QPSK	1	25	23.27	23.22	23.26		
10	QPSK	1	49	23.25	23.12	23.24		
10	QPSK	25	0	22.37	22.36	22.40	23.5	1
10	QPSK	25	12	22.35	22.32	22.41		
10	QPSK	25	25	22.37	22.34	22.45		
10	QPSK	50	0	22.53	22.32	22.49		
10	16QAM	1	0	22.55	22.43	22.66	23.5	1
10	16QAM	1	25	22.59	22.49	22.65		
10	16QAM	1	49	22.33	22.72	22.59		
10	16QAM	25	0	21.44	21.39	21.47	22.5	2
10	16QAM	25	12	21.46	21.29	21.40		
10	16QAM	25	25	21.47	21.25	21.41		
10	16QAM	50	0	21.43	21.40	21.42		
10	64QAM	1	0	21.43	21.53	21.52	22.5	2
10	64QAM	1	25	21.35	21.12	21.53		
10	64QAM	1	49	21.51	21.29	21.58		
10	64QAM	25	0	20.40	20.30	20.44	21.5	3
10	64QAM	25	12	20.50	20.37	20.41		
10	64QAM	25	25	20.35	20.33	20.47		
10	64QAM	50	0	20.39	20.32	20.41		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.24	23.23	23.27	24.5	0
5	QPSK	1	12	23.27	23.23	23.26		
5	QPSK	1	24	23.21	23.15	23.26		
5	QPSK	12	0	22.38	22.21	22.50	23.5	1
5	QPSK	12	7	22.44	22.28	22.50		
5	QPSK	12	13	22.40	22.27	22.45		
5	QPSK	25	0	22.36	22.22	22.45		
5	16QAM	1	0	22.37	22.34	22.41	23.5	1
5	16QAM	1	12	22.96	22.11	22.75		
5	16QAM	1	24	22.66	22.29	22.38		
5	16QAM	12	0	21.30	21.38	21.42	22.5	2
5	16QAM	12	7	21.43	21.29	21.48		
5	16QAM	12	13	21.43	21.30	21.44		
5	16QAM	25	0	21.51	21.27	21.43		
5	64QAM	1	0	21.61	21.48	21.57	22.5	2
5	64QAM	1	12	21.95	21.55	21.90		
5	64QAM	1	24	21.44	21.15	21.61		
5	64QAM	12	0	20.39	20.25	20.45	21.5	3
5	64QAM	12	7	20.44	20.38	20.50		
5	64QAM	12	13	20.39	20.31	20.41		
5	64QAM	25	0	20.26	20.23	20.47		

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	23.05	23.03	23.02	24.5	0
20	QPSK	1	49	23.26	23.37	23.36		
20	QPSK	1	99	23.00	23.10	23.31		
20	QPSK	50	0	22.23	22.34	22.40	23.5	1
20	QPSK	50	24	22.32	22.48	22.47		
20	QPSK	50	50	22.31	22.38	22.46		
20	QPSK	100	0	22.28	22.48	22.43		
20	16QAM	1	0	22.36	22.30	22.24	23.5	1
20	16QAM	1	49	22.63	22.65	22.75		
20	16QAM	1	99	22.25	22.37	22.59		
20	16QAM	50	0	21.24	21.33	21.39	22.5	2
20	16QAM	50	24	21.33	21.36	21.43		
20	16QAM	50	50	21.30	21.36	21.46		
20	16QAM	100	0	21.25	21.36	21.42		
20	64QAM	1	0	21.19	21.21	21.21	22.5	2
20	64QAM	1	49	21.54	21.55	21.68		
20	64QAM	1	99	21.12	21.26	21.43		
20	64QAM	50	0	20.25	20.34	20.39	21.5	3
20	64QAM	50	24	20.34	20.36	20.44		
20	64QAM	50	50	20.31	20.37	20.48		
20	64QAM	100	0	20.26	20.39	20.43		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.98	22.97	23.01	24.5	0
15	QPSK	1	37	23.21	23.18	23.32		
15	QPSK	1	74	22.95	22.96	23.24		
15	QPSK	36	0	22.07	22.12	22.21	23.5	1
15	QPSK	36	20	22.11	22.14	22.25		
15	QPSK	36	39	22.13	22.14	22.29		
15	QPSK	75	0	22.08	22.12	22.25		
15	16QAM	1	0	22.30	22.20	22.28	23.5	1
15	16QAM	1	37	22.48	22.39	22.61		
15	16QAM	1	74	22.21	22.31	22.53		
15	16QAM	36	0	21.05	21.08	21.17	22.5	2
15	16QAM	36	20	21.08	21.11	21.23		
15	16QAM	36	39	21.11	21.10	21.24		
15	16QAM	75	0	21.08	21.08	21.22		
15	64QAM	1	0	21.17	21.10	21.20	22.5	2
15	64QAM	1	37	21.34	21.37	21.49		
15	64QAM	1	74	21.12	21.18	21.39		
15	64QAM	36	0	20.07	20.09	20.22	21.5	3
15	64QAM	36	20	20.11	20.13	20.24		
15	64QAM	36	39	20.13	20.16	20.27		
15	64QAM	75	0	20.10	20.09	20.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.05	23.03	23.12	24.5	0
10	QPSK	1	25	23.11	23.10	23.28		
10	QPSK	1	49	23.04	23.03	23.30		
10	QPSK	25	0	22.05	22.12	22.25	23.5	1
10	QPSK	25	12	22.11	22.08	22.25		
10	QPSK	25	25	22.13	22.14	22.30		
10	QPSK	50	0	22.10	22.13	22.27		
10	16QAM	1	0	22.34	22.29	22.40	23.5	1
10	16QAM	1	25	22.37	22.38	22.49		
10	16QAM	1	49	22.36	22.32	22.54		
10	16QAM	25	0	21.08	21.12	21.25	22.5	2
10	16QAM	25	12	21.09	21.08	21.24		
10	16QAM	25	25	21.15	21.11	21.29		
10	16QAM	50	0	21.10	21.12	21.29		
10	64QAM	1	0	21.21	21.19	21.27	22.5	2
10	64QAM	1	25	21.28	21.27	21.41		
10	64QAM	1	49	21.20	21.22	21.48		
10	64QAM	25	0	20.09	20.12	20.25	21.5	3
10	64QAM	25	12	20.12	20.08	20.26		
10	64QAM	25	25	20.14	20.13	20.31		
10	64QAM	50	0	20.13	20.14	20.31		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.96	22.92	23.05	24.5	0
5	QPSK	1	12	23.21	23.16	23.10		
5	QPSK	1	24	22.96	22.90	23.20		
5	QPSK	12	0	22.05	22.05	22.26	23.5	1
5	QPSK	12	7	22.13	22.10	22.32		
5	QPSK	12	13	22.09	22.05	22.32		
5	QPSK	25	0	22.08	22.07	22.29		
5	16QAM	1	0	22.22	22.20	22.31	23.5	1
5	16QAM	1	12	22.47	22.47	22.64		
5	16QAM	1	24	22.20	22.19	22.43		
5	16QAM	12	0	21.05	21.04	21.23	22.5	2
5	16QAM	12	7	21.12	21.09	21.29		
5	16QAM	12	13	21.09	21.02	21.28		
5	16QAM	25	0	21.09	21.03	21.27		
5	64QAM	1	0	21.15	21.07	21.22	22.5	2
5	64QAM	1	12	21.36	21.37	21.58		
5	64QAM	1	24	21.16	21.07	21.36		
5	64QAM	12	0	20.08	20.06	20.26	21.5	3
5	64QAM	12	7	20.15	20.12	20.36		
5	64QAM	12	13	20.11	20.06	20.34		
5	64QAM	25	0	20.08	20.06	20.29		

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		23.67		25	0
10	QPSK	1	25		23.71			
10	QPSK	1	49		23.44			
10	QPSK	25	0		22.61		24	1
10	QPSK	25	12		22.55			
10	QPSK	25	25		22.47			
10	QPSK	50	0		22.55			
10	16QAM	1	0		22.76		24	1
10	16QAM	1	25		22.93			
10	16QAM	1	49		22.66			
10	16QAM	25	0		21.58		23	2
10	16QAM	25	12		21.61			
10	16QAM	25	25		21.60			
10	16QAM	50	0		21.61			
10	64QAM	1	0		21.58		23	2
10	64QAM	1	25		21.90			
10	64QAM	1	49		21.81			
10	64QAM	25	0		20.57		22	3
10	64QAM	25	12		20.65			
10	64QAM	25	25		20.61			
10	64QAM	50	0		20.49			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.39	23.49	23.35	25	0
5	QPSK	1	12	23.47	23.44	23.48		
5	QPSK	1	24	23.36	23.31	23.16		
5	QPSK	12	0	22.50	22.59	22.57	24	1
5	QPSK	12	7	22.57	22.64	22.61		
5	QPSK	12	13	22.59	22.51	22.53		
5	QPSK	25	0	22.56	22.57	22.55		
5	16QAM	1	0	22.91	22.52	22.62	24	1
5	16QAM	1	12	22.94	23.00	23.15		
5	16QAM	1	24	22.84	22.62	22.45		
5	16QAM	12	0	21.39	21.55	21.45	23	2
5	16QAM	12	7	21.56	21.50	21.39		
5	16QAM	12	13	21.50	21.42	21.47		
5	16QAM	25	0	21.39	21.42	21.54		
5	64QAM	1	0	21.43	21.56	21.23	23	2
5	64QAM	1	12	22.02	21.96	21.64		
5	64QAM	1	24	21.65	21.66	21.42		
5	64QAM	12	0	20.50	20.61	20.46	22	3
5	64QAM	12	7	20.66	20.61	20.58		
5	64QAM	12	13	20.53	20.55	20.57		
5	64QAM	25	0	20.48	20.44	20.54		

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		23.42		25	0
10	QPSK	1	25		23.63			
10	QPSK	1	49		23.37			
10	QPSK	25	0		22.52		24	1
10	QPSK	25	12		22.51			
10	QPSK	25	25		22.49			
10	QPSK	50	0		22.51			
10	16QAM	1	0		22.68		24	1
10	16QAM	1	25		22.78			
10	16QAM	1	49		22.61			
10	16QAM	25	0		21.49		23	2
10	16QAM	25	12		21.49			
10	16QAM	25	25		21.48			
10	16QAM	50	0		21.47			
10	64QAM	1	0		21.54		23	2
10	64QAM	1	25		21.68			
10	64QAM	1	49		21.54			
10	64QAM	25	0		20.51		22	3
10	64QAM	25	12		20.53			
10	64QAM	25	25		20.52			
10	64QAM	50	0		20.51			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.34	23.31	23.31	25	0
5	QPSK	1	12	23.62	23.61	23.61		
5	QPSK	1	24	23.33	23.30	23.25		
5	QPSK	12	0	22.46	22.50	22.47	24	1
5	QPSK	12	7	22.56	22.55	22.50		
5	QPSK	12	13	22.45	22.47	22.45		
5	QPSK	25	0	22.49	22.49	22.45		
5	16QAM	1	0	22.58	22.60	22.55	24	1
5	16QAM	1	12	22.92	22.85	22.89		
5	16QAM	1	24	22.62	22.58	22.54		
5	16QAM	12	0	21.39	21.47	21.45	23	2
5	16QAM	12	7	21.51	21.45	21.45		
5	16QAM	12	13	21.43	21.42	21.39		
5	16QAM	25	0	21.45	21.46	21.43		
5	64QAM	1	0	21.49	21.44	21.46	23	2
5	64QAM	1	12	21.73	21.74	21.74		
5	64QAM	1	24	21.46	21.47	21.37		
5	64QAM	12	0	20.45	20.52	20.49	22	3
5	64QAM	12	7	20.59	20.54	20.50		
5	64QAM	12	13	20.49	20.46	20.44		
5	64QAM	25	0	20.45	20.47	20.43		

Band 18_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					23925			
Frequency (MHz)					822.5			
15	QPSK	1	0		23.56		25	0
15	QPSK	1	37		23.64			
15	QPSK	1	74		23.46			
15	QPSK	36	0		22.65		24	1
15	QPSK	36	20		22.62			
15	QPSK	36	39		22.64			
15	QPSK	75	0		22.67			
15	16QAM	1	0		22.68		24	1
15	16QAM	1	37		22.63			
15	16QAM	1	74		22.85			
15	16QAM	36	0		21.57		23	2
15	16QAM	36	20		21.62			
15	16QAM	36	39		21.58			
15	16QAM	75	0		21.55			
15	64QAM	1	0		21.73		23	2
15	64QAM	1	37		21.88			
15	64QAM	1	74		21.41			
15	64QAM	36	0		20.65		22	3
15	64QAM	36	20		20.63			
15	64QAM	36	39		20.55			
15	64QAM	75	0		20.56			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	23.53	23.55	23.53	25	0
10	QPSK	1	25	23.52	23.55	23.54		
10	QPSK	1	49	23.53	23.47	23.50		
10	QPSK	25	0	22.56	22.61	22.52	24	1
10	QPSK	25	12	22.62	22.63	22.56		
10	QPSK	25	25	22.62	22.55	22.55		
10	QPSK	50	0	22.62	22.58	22.58		
10	16QAM	1	0	22.92	22.95	22.99	24	1
10	16QAM	1	25	22.69	23.00	22.46		
10	16QAM	1	49	22.70	23.00	22.84		
10	16QAM	25	0	21.65	21.55	21.55	23	2
10	16QAM	25	12	21.60	21.52	21.60		
10	16QAM	25	25	21.64	21.61	21.61		
10	16QAM	50	0	21.63	21.57	21.64		
10	64QAM	1	0	21.78	21.85	21.63	23	2
10	64QAM	1	25	21.86	21.95	21.75		
10	64QAM	1	49	21.58	21.84	21.46		
10	64QAM	25	0	20.61	20.56	20.58	22	3
10	64QAM	25	12	20.60	20.48	20.56		
10	64QAM	25	25	20.64	20.59	20.50		
10	64QAM	50	0	20.56	20.59	20.62		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	23.37	23.45	23.42	25	0
5	QPSK	1	12	23.54	23.52	23.44		
5	QPSK	1	24	23.47	23.34	23.39		
5	QPSK	12	0	22.57	22.46	22.55	24	1
5	QPSK	12	7	22.60	22.54	22.61		
5	QPSK	12	13	22.58	22.59	22.54		
5	QPSK	25	0	22.58	22.54	22.53		
5	16QAM	1	0	22.80	22.55	22.35	24	1
5	16QAM	1	12	22.98	22.81	22.81		
5	16QAM	1	24	22.83	22.56	22.51		
5	16QAM	12	0	21.59	21.52	21.54	23	2
5	16QAM	12	7	21.68	21.58	21.56		
5	16QAM	12	13	21.61	21.61	21.51		
5	16QAM	25	0	21.68	21.53	21.50		
5	64QAM	1	0	21.26	21.62	21.61	23	2
5	64QAM	1	12	22.08	21.80	21.88		
5	64QAM	1	24	21.81	21.60	21.72		
5	64QAM	12	0	20.49	20.43	20.52	22	3
5	64QAM	12	7	20.65	20.57	20.52		
5	64QAM	12	13	20.65	20.60	20.48		
5	64QAM	25	0	20.52	20.46	20.40		

Band 18_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					23925			
Frequency (MHz)					822.5			
15	QPSK	1	0		23.35		25	0
15	QPSK	1	37		23.67			
15	QPSK	1	74		23.28			
15	QPSK	36	0		22.49		24	1
15	QPSK	36	20		22.43			
15	QPSK	36	39		22.43			
15	QPSK	75	0		22.45			
15	16QAM	1	0		22.60		24	1
15	16QAM	1	37		22.87			
15	16QAM	1	74		22.50			
15	16QAM	36	0		21.45		23	2
15	16QAM	36	20		21.47			
15	16QAM	36	39		21.40			
15	16QAM	75	0		21.45			
15	64QAM	1	0		21.58		23	2
15	64QAM	1	37		21.81			
15	64QAM	1	74		21.47			
15	64QAM	36	0		20.44		22	3
15	64QAM	36	20		20.45			
15	64QAM	36	39		20.41			
15	64QAM	75	0		20.43			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	23.42	23.44	23.39	25	0
10	QPSK	1	25	23.53	23.47	23.46		
10	QPSK	1	49	23.42	23.39	23.32		
10	QPSK	25	0	22.49	22.44	22.44	24	1
10	QPSK	25	12	22.50	22.46	22.46		
10	QPSK	25	25	22.49	22.44	22.39		
10	QPSK	50	0	22.51	22.46	22.43		
10	16QAM	1	0	22.70	22.67	22.64	24	1
10	16QAM	1	25	22.74	22.75	22.71		
10	16QAM	1	49	22.64	22.59	22.56		
10	16QAM	25	0	21.48	21.45	21.44	23	2
10	16QAM	25	12	21.52	21.47	21.47		
10	16QAM	25	25	21.51	21.43	21.41		
10	16QAM	50	0	21.50	21.49	21.41		
10	64QAM	1	0	21.59	21.62	21.54	23	2
10	64QAM	1	25	21.67	21.72	21.58		
10	64QAM	1	49	21.59	21.55	21.49		
10	64QAM	25	0	20.48	20.43	20.41	22	3
10	64QAM	25	12	20.49	20.44	20.42		
10	64QAM	25	25	20.48	20.42	20.36		
10	64QAM	50	0	20.48	20.46	20.39		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	23.31	23.32	23.27	25	0
5	QPSK	1	12	23.61	23.57	23.46		
5	QPSK	1	24	23.32	23.28	23.22		
5	QPSK	12	0	22.45	22.41	22.42	24	1
5	QPSK	12	7	22.53	22.45	22.41		
5	QPSK	12	13	22.49	22.42	22.35		
5	QPSK	25	0	22.47	22.39	22.38		
5	16QAM	1	0	22.58	22.58	22.51	24	1
5	16QAM	1	12	22.82	22.84	22.70		
5	16QAM	1	24	22.57	22.55	22.49		
5	16QAM	12	0	21.46	21.38	21.40	23	2
5	16QAM	12	7	21.52	21.44	21.42		
5	16QAM	12	13	21.47	21.41	21.36		
5	16QAM	25	0	21.49	21.38	21.39		
5	64QAM	1	0	21.51	21.50	21.41	23	2
5	64QAM	1	12	21.76	21.63	21.63		
5	64QAM	1	24	21.46	21.43	21.39		
5	64QAM	12	0	20.40	20.39	20.41	22	3
5	64QAM	12	7	20.52	20.45	20.42		
5	64QAM	12	13	20.51	20.41	20.35		
5	64QAM	25	0	20.46	20.34	20.34		

Band 19_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					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		23.57		25	0
15	QPSK	1	37		23.65			
15	QPSK	1	74		23.30			
15	QPSK	36	0		22.57		24	1
15	QPSK	36	20		22.56			
15	QPSK	36	39		22.56			
15	QPSK	75	0		22.44			
15	16QAM	1	0		22.68		24	1
15	16QAM	1	37		22.49			
15	16QAM	1	74		22.68			
15	16QAM	36	0		21.63		23	2
15	16QAM	36	20		21.48			
15	16QAM	36	39		21.49			
15	16QAM	75	0		21.52			
15	64QAM	1	0		21.50		23	2
15	64QAM	1	37		21.87			
15	64QAM	1	74		21.54			
15	64QAM	36	0		20.50		22	3
15	64QAM	36	20		20.53			
15	64QAM	36	39		20.53			
15	64QAM	75	0		20.55			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	23.44	23.52	23.44	25	0
10	QPSK	1	25	23.56	23.55	23.51		
10	QPSK	1	49	23.39	23.44	23.41		
10	QPSK	25	0	22.72	22.62	22.55	24	1
10	QPSK	25	12	22.60	22.53	22.59		
10	QPSK	25	25	22.58	22.49	22.43		
10	QPSK	50	0	22.60	22.62	22.58		
10	16QAM	1	0	22.87	22.95	22.74	24	1
10	16QAM	1	25	22.88	23.08	23.01		
10	16QAM	1	49	22.66	22.84	22.46		
10	16QAM	25	0	21.58	21.66	21.58	23	2
10	16QAM	25	12	21.63	21.51	21.58		
10	16QAM	25	25	21.60	21.46	21.41		
10	16QAM	50	0	21.55	21.55	21.59		
10	64QAM	1	0	21.55	21.70	21.85	23	2
10	64QAM	1	25	21.91	21.68	21.85		
10	64QAM	1	49	21.47	21.59	21.46		
10	64QAM	25	0	20.55	20.55	20.62	22	3
10	64QAM	25	12	20.51	20.66	20.54		
10	64QAM	25	25	20.56	20.46	20.58		
10	64QAM	50	0	20.60	20.57	20.54		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	23.37	23.43	23.30	25	0
5	QPSK	1	12	23.54	23.55	23.53		
5	QPSK	1	24	23.36	23.31	23.14		
5	QPSK	12	0	22.55	22.46	22.51	24	1
5	QPSK	12	7	22.54	22.58	22.52		
5	QPSK	12	13	22.47	22.49	22.42		
5	QPSK	25	0	22.58	22.51	22.45		
5	16QAM	1	0	22.59	22.86	22.81	24	1
5	16QAM	1	12	23.17	23.11	23.06		
5	16QAM	1	24	22.77	22.30	22.64		
5	16QAM	12	0	21.42	21.46	21.38	23	2
5	16QAM	12	7	21.57	21.56	21.54		
5	16QAM	12	13	21.50	21.52	21.41		
5	16QAM	25	0	21.53	21.48	21.52		
5	64QAM	1	0	21.37	21.45	21.59	23	2
5	64QAM	1	12	21.82	21.86	21.81		
5	64QAM	1	24	21.61	21.41	21.36		
5	64QAM	12	0	20.42	20.51	20.56	22	3
5	64QAM	12	7	20.71	20.68	20.56		
5	64QAM	12	13	20.54	20.48	20.39		
5	64QAM	25	0	20.52	20.59	20.47		

Band 19_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					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		23.41		25	0
15	QPSK	1	37		23.58			
15	QPSK	1	74		23.27			
15	QPSK	36	0		22.65		24	1
15	QPSK	36	20		22.56			
15	QPSK	36	39		22.49			
15	QPSK	75	0		22.52			
15	16QAM	1	0		22.62		24	1
15	16QAM	1	37		22.90			
15	16QAM	1	74		22.49			
15	16QAM	36	0		21.55		23	2
15	16QAM	36	20		21.53			
15	16QAM	36	39		21.51			
15	16QAM	75	0		21.55			
15	64QAM	1	0		21.60		23	2
15	64QAM	1	37		21.86			
15	64QAM	1	74		21.42			
15	64QAM	36	0		20.53		22	3
15	64QAM	36	20		20.56			
15	64QAM	36	39		20.48			
15	64QAM	75	0		20.50			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	23.45	23.42	23.46	25	0
10	QPSK	1	25	23.49	23.56	23.54		
10	QPSK	1	49	23.39	23.40	23.31		
10	QPSK	25	0	22.60	22.55	22.53	24	1
10	QPSK	25	12	22.55	22.54	22.52		
10	QPSK	25	25	22.56	22.53	22.47		
10	QPSK	50	0	22.59	22.57	22.51		
10	16QAM	1	0	22.65	22.69	22.73	24	1
10	16QAM	1	25	22.84	22.83	22.80		
10	16QAM	1	49	22.71	22.64	22.57		
10	16QAM	25	0	21.62	21.58	21.55	23	2
10	16QAM	25	12	21.56	21.56	21.52		
10	16QAM	25	25	21.56	21.56	21.47		
10	16QAM	50	0	21.58	21.56	21.53		
10	64QAM	1	0	21.61	21.65	21.65	23	2
10	64QAM	1	25	21.78	21.72	21.75		
10	64QAM	1	49	21.62	21.56	21.49		
10	64QAM	25	0	20.56	20.48	20.51	22	3
10	64QAM	25	12	20.53	20.52	20.50		
10	64QAM	25	25	20.56	20.52	20.43		
10	64QAM	50	0	20.53	20.53	20.47		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	23.33	23.36	23.28	25	0
5	QPSK	1	12	23.54	23.54	23.49		
5	QPSK	1	24	23.33	23.29	23.19		
5	QPSK	12	0	22.50	22.50	22.47	24	1
5	QPSK	12	7	22.56	22.55	22.52		
5	QPSK	12	13	22.47	22.52	22.38		
5	QPSK	25	0	22.52	22.49	22.42		
5	16QAM	1	0	22.55	22.59	22.57	24	1
5	16QAM	1	12	22.83	22.91	22.81		
5	16QAM	1	24	22.54	22.55	22.48		
5	16QAM	12	0	21.50	21.51	21.49	23	2
5	16QAM	12	7	21.56	21.55	21.50		
5	16QAM	12	13	21.52	21.47	21.38		
5	16QAM	25	0	21.50	21.51	21.43		
5	64QAM	1	0	21.51	21.57	21.50	23	2
5	64QAM	1	12	21.83	21.85	21.86		
5	64QAM	1	24	21.53	21.50	21.41		
5	64QAM	12	0	20.49	20.48	20.46	22	3
5	64QAM	12	7	20.54	20.54	20.49		
5	64QAM	12	13	20.50	20.49	20.38		
5	64QAM	25	0	20.47	20.46	20.37		

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	23.73	23.76	23.61	25	0
15	QPSK	1	37	23.66	23.89	23.67		
15	QPSK	1	74	23.61	23.57	23.52		
15	QPSK	36	0	22.77	22.89	22.78	24	1
15	QPSK	36	20	22.86	22.69	22.70		
15	QPSK	36	39	22.83	22.63	22.49		
15	QPSK	75	0	22.74	22.78	22.60		
15	16QAM	1	0	23.05	23.03	22.72	24	1
15	16QAM	1	37	22.90	22.74	23.01		
15	16QAM	1	74	22.71	23.00	22.77		
15	16QAM	36	0	21.87	21.76	21.66	23	2
15	16QAM	36	20	21.83	21.72	21.62		
15	16QAM	36	39	21.81	21.64	21.52		
15	16QAM	75	0	21.76	21.76	21.64		
15	64QAM	1	0	21.76	22.05	21.83	23	2
15	64QAM	1	37	21.82	21.93	21.72		
15	64QAM	1	74	21.89	21.62	21.64		
15	64QAM	36	0	20.78	20.75	20.75	22	3
15	64QAM	36	20	20.84	20.71	20.61		
15	64QAM	36	39	20.79	20.63	20.50		
15	64QAM	75	0	20.76	20.71	20.66		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.65	23.63	23.62	25	0
10	QPSK	1	25	23.69	23.75	23.63		
10	QPSK	1	49	23.73	23.53	23.46		
10	QPSK	25	0	22.85	22.76	22.62	24	1
10	QPSK	25	12	22.75	22.67	22.60		
10	QPSK	25	25	22.76	22.72	22.49		
10	QPSK	50	0	22.81	22.76	22.52		
10	16QAM	1	0	22.61	22.84	22.90	24	1
10	16QAM	1	25	23.29	22.89	22.73		
10	16QAM	1	49	22.89	23.11	22.99		
10	16QAM	25	0	21.88	21.68	21.72	23	2
10	16QAM	25	12	21.72	21.62	21.59		
10	16QAM	25	25	21.80	21.60	21.42		
10	16QAM	50	0	21.87	21.62	21.56		
10	64QAM	1	0	21.54	21.53	21.61	23	2
10	64QAM	1	25	21.85	22.10	21.88		
10	64QAM	1	49	21.99	21.57	21.80		
10	64QAM	25	0	20.77	20.79	20.58	22	3
10	64QAM	25	12	20.79	20.68	20.67		
10	64QAM	25	25	20.85	20.75	20.45		
10	64QAM	50	0	20.77	20.69	20.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.62	23.42	23.40	25	0
5	QPSK	1	12	23.75	23.72	23.62		
5	QPSK	1	24	23.70	23.48	23.52		
5	QPSK	12	0	22.81	22.69	22.55	24	1
5	QPSK	12	7	22.88	22.73	22.58		
5	QPSK	12	13	22.75	22.59	22.41		
5	QPSK	25	0	22.72	22.74	22.48		
5	16QAM	1	0	23.10	22.73	22.60	24	1
5	16QAM	1	12	23.17	22.73	22.67		
5	16QAM	1	24	23.07	22.62	22.80		
5	16QAM	12	0	21.82	21.76	21.58	23	2
5	16QAM	12	7	21.87	21.76	21.57		
5	16QAM	12	13	21.75	21.63	21.30		
5	16QAM	25	0	21.76	21.64	21.59		
5	64QAM	1	0	22.01	21.93	21.46	23	2
5	64QAM	1	12	22.32	22.03	22.02		
5	64QAM	1	24	21.88	21.33	21.51		
5	64QAM	12	0	20.86	20.69	20.49	22	3
5	64QAM	12	7	20.81	20.70	20.57		
5	64QAM	12	13	20.78	20.71	20.38		
5	64QAM	25	0	20.72	20.67	20.48		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.71	23.63	23.45	25	0
3	QPSK	1	8	23.63	23.72	23.50		
3	QPSK	1	14	23.70	23.70	23.44		
3	QPSK	8	0	22.79	22.70	22.55	24	1
3	QPSK	8	4	22.73	22.78	22.64		
3	QPSK	8	7	22.80	22.74	22.56		
3	QPSK	15	0	22.77	22.73	22.45		
3	16QAM	1	0	22.84	23.11	22.66	24	1
3	16QAM	1	8	23.14	23.05	22.56		
3	16QAM	1	14	23.14	23.05	22.79		
3	16QAM	8	0	21.87	21.75	21.68	23	2
3	16QAM	8	4	22.00	21.83	21.53		
3	16QAM	8	7	21.98	21.67	21.55		
3	16QAM	15	0	21.90	21.79	21.63		
3	64QAM	1	0	21.53	21.46	21.80	23	2
3	64QAM	1	8	21.87	21.84	21.51		
3	64QAM	1	14	21.90	21.83	21.71		
3	64QAM	8	0	20.80	20.74	20.56	22	3
3	64QAM	8	4	20.92	20.61	20.47		
3	64QAM	8	7	20.84	20.75	20.54		
3	64QAM	15	0	20.86	20.65	20.53		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.73	23.58	23.36	25	0
1.4	QPSK	1	3	23.73	23.72	23.63		
1.4	QPSK	1	5	23.63	23.58	23.43		
1.4	QPSK	3	0	23.67	23.65	23.51		
1.4	QPSK	3	1	23.73	23.71	23.52		
1.4	QPSK	3	3	23.73	23.73	23.55		
1.4	QPSK	6	0	22.76	22.71	22.56	24	1
1.4	16QAM	1	0	22.85	22.57	22.49	24	1
1.4	16QAM	1	3	23.05	22.76	22.67		
1.4	16QAM	1	5	22.55	22.67	22.49		
1.4	16QAM	3	0	22.77	22.60	22.55		
1.4	16QAM	3	1	22.90	22.64	22.60		
1.4	16QAM	3	3	22.82	22.54	22.36		
1.4	16QAM	6	0	21.83	21.72	21.69	23	2
1.4	64QAM	1	0	21.94	21.82	21.50	23	2
1.4	64QAM	1	3	21.78	22.11	21.76		
1.4	64QAM	1	5	22.08	21.52	21.79		
1.4	64QAM	3	0	21.99	21.77	21.72		
1.4	64QAM	3	1	22.07	21.79	21.71		
1.4	64QAM	3	3	21.94	21.64	21.69		
1.4	64QAM	6	0	20.79	20.70	20.55	22	3

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	23.53	23.62	23.56	25	0
15	QPSK	1	37	23.60	23.83	23.53		
15	QPSK	1	74	23.55	23.57	23.46		
15	QPSK	36	0	22.51	22.54	22.41	24	1
15	QPSK	36	20	22.53	22.48	22.37		
15	QPSK	36	39	22.50	22.45	22.25		
15	QPSK	75	0	22.48	22.50	22.35		
15	16QAM	1	0	22.66	22.57	22.54	24	1
15	16QAM	1	37	22.83	22.81	22.71		
15	16QAM	1	74	22.59	22.51	22.41		
15	16QAM	36	0	21.51	21.52	21.40	23	2
15	16QAM	36	20	21.54	21.43	21.35		
15	16QAM	36	39	21.51	21.40	21.21		
15	16QAM	75	0	21.52	21.48	21.33		
15	64QAM	1	0	21.62	21.49	21.43	23	2
15	64QAM	1	37	21.82	21.73	21.64		
15	64QAM	1	74	21.48	21.45	21.33		
15	64QAM	36	0	20.49	20.48	20.43	22	3
15	64QAM	36	20	20.54	20.44	20.35		
15	64QAM	36	39	20.49	20.42	20.21		
15	64QAM	75	0	20.46	20.44	20.33		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.51	23.37	23.30	25	0
10	QPSK	1	25	23.57	23.45	23.29		
10	QPSK	1	49	23.41	23.32	23.20		
10	QPSK	25	0	22.57	22.54	22.39	24	1
10	QPSK	25	12	22.56	22.45	22.34		
10	QPSK	25	25	22.58	22.42	22.19		
10	QPSK	50	0	22.58	22.50	22.31		
10	16QAM	1	0	22.69	22.57	22.59	24	1
10	16QAM	1	25	22.78	22.68	22.56		
10	16QAM	1	49	22.66	22.61	22.47		
10	16QAM	25	0	21.55	21.51	21.37	23	2
10	16QAM	25	12	21.58	21.43	21.33		
10	16QAM	25	25	21.58	21.41	21.15		
10	16QAM	50	0	21.58	21.46	21.28		
10	64QAM	1	0	21.63	21.55	21.48	23	2
10	64QAM	1	25	21.77	21.61	21.52		
10	64QAM	1	49	21.66	21.47	21.39		
10	64QAM	25	0	20.53	20.52	20.38	22	3
10	64QAM	25	12	20.53	20.43	20.32		
10	64QAM	25	25	20.53	20.41	20.19		
10	64QAM	50	0	20.54	20.48	20.31		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.40	23.28	23.10	25	0
5	QPSK	1	12	22.61	23.50	23.43		
5	QPSK	1	24	23.39	23.25	23.13		
5	QPSK	12	0	22.52	22.43	22.32	24	1
5	QPSK	12	7	22.55	22.44	22.31		
5	QPSK	12	13	22.54	22.37	22.18		
5	QPSK	25	0	22.52	22.38	22.27		
5	16QAM	1	0	22.62	22.52	22.38	24	1
5	16QAM	1	12	22.91	22.78	22.60		
5	16QAM	1	24	22.61	22.47	22.37		
5	16QAM	12	0	21.53	21.39	21.29	23	2
5	16QAM	12	7	21.57	21.40	21.28		
5	16QAM	12	13	21.53	21.34	21.16		
5	16QAM	25	0	21.54	21.37	21.26		
5	64QAM	1	0	21.57	21.43	21.29	23	2
5	64QAM	1	12	21.87	21.66	21.52		
5	64QAM	1	24	21.59	21.45	21.30		
5	64QAM	12	0	20.52	20.43	20.33	22	3
5	64QAM	12	7	20.56	20.43	20.34		
5	64QAM	12	13	20.52	20.38	20.17		
5	64QAM	25	0	20.48	20.38	20.27		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.53	23.42	23.21	25	0
3	QPSK	1	8	23.48	23.36	23.22		
3	QPSK	1	14	23.49	23.36	23.25		
3	QPSK	8	0	22.54	22.40	22.28	24	1
3	QPSK	8	4	22.58	22.45	22.32		
3	QPSK	8	7	22.52	22.40	22.27		
3	QPSK	15	0	22.58	22.43	22.28		
3	16QAM	1	0	22.72	22.63	22.45	24	1
3	16QAM	1	8	22.72	22.59	22.47		
3	16QAM	1	14	22.75	22.61	22.47		
3	16QAM	8	0	21.63	21.47	21.33	23	2
3	16QAM	8	4	21.63	21.49	21.35		
3	16QAM	8	7	21.60	21.44	21.30		
3	16QAM	15	0	21.58	21.40	21.29		
3	64QAM	1	0	21.69	21.52	21.36	23	2
3	64QAM	1	8	21.65	21.53	21.41		
3	64QAM	1	14	21.72	21.52	21.40		
3	64QAM	8	0	20.55	20.44	20.31	22	3
3	64QAM	8	4	20.58	20.44	20.29		
3	64QAM	8	7	20.55	20.41	20.29		
3	64QAM	15	0	20.50	20.39	20.24		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.44	23.30	23.15	25	0
1.4	QPSK	1	3	23.55	23.40	23.28		
1.4	QPSK	1	5	23.44	23.28	23.17		
1.4	QPSK	3	0	23.54	23.42	23.27		
1.4	QPSK	3	1	23.58	23.47	23.35		
1.4	QPSK	3	3	23.56	23.41	23.29		
1.4	QPSK	6	0	22.57	22.42	22.30	24	1
1.4	16QAM	1	0	22.61	22.55	22.39	24	1
1.4	16QAM	1	3	22.78	22.67	22.47		
1.4	16QAM	1	5	22.64	22.57	22.35		
1.4	16QAM	3	0	22.50	22.37	22.24		
1.4	16QAM	3	1	22.54	22.41	22.29		
1.4	16QAM	3	3	22.52	22.38	22.22		
1.4	16QAM	6	0	21.65	21.46	21.37	23	2
1.4	64QAM	1	0	21.62	21.48	21.32	23	2
1.4	64QAM	1	3	21.79	21.54	21.41		
1.4	64QAM	1	5	21.62	21.48	21.33		
1.4	64QAM	3	0	21.66	21.50	21.36		
1.4	64QAM	3	1	21.71	21.54	21.42		
1.4	64QAM	3	3	21.64	21.47	21.39		
1.4	64QAM	6	0	20.52	20.38	20.26	22	3

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	22.63	22.87	22.82	24.5	0
20	QPSK	1	49	23.12	23.27	23.24		
20	QPSK	1	99	22.55	22.80	22.76		
20	QPSK	50	0	22.18	22.33	22.31	23.5	1
20	QPSK	50	24	21.95	22.22	22.16		
20	QPSK	50	50	22.11	22.07	21.94		
20	QPSK	100	0	22.00	22.20	22.18		
20	16QAM	1	0	22.15	22.26	22.11	23.5	1
20	16QAM	1	49	22.62	22.52	22.35		
20	16QAM	1	99	21.63	22.17	22.03		
20	16QAM	50	0	21.07	21.31	21.28	22.5	2
20	16QAM	50	24	21.13	21.22	21.18		
20	16QAM	50	50	21.06	21.03	21.13		
20	16QAM	100	0	21.07	21.18	21.17		
20	64QAM	1	0	20.52	21.12	21.21	22.5	2
20	64QAM	1	49	21.24	21.35	21.51		
20	64QAM	1	99	20.71	21.14	21.11		
20	64QAM	50	0	20.04	20.20	20.29	21.5	3
20	64QAM	50	24	20.02	20.24	20.20		
20	64QAM	50	50	19.99	20.12	19.88		
20	64QAM	100	0	20.07	20.09	20.17		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.82	23.02	23.05	24.5	0
15	QPSK	1	37	23.24	23.16	23.11		
15	QPSK	1	74	22.76	22.90	22.85		
15	QPSK	36	0	22.31	22.16	22.19	23.5	1
15	QPSK	36	20	22.16	22.20	22.16		
15	QPSK	36	39	21.94	22.18	22.10		
15	QPSK	75	0	22.18	22.14	22.15		
15	16QAM	1	0	22.11	22.14	22.19	23.5	1
15	16QAM	1	37	22.35	22.67	22.67		
15	16QAM	1	74	22.03	22.46	21.92		
15	16QAM	36	0	21.28	21.17	21.29	22.5	2
15	16QAM	36	20	21.18	21.27	21.21		
15	16QAM	36	39	21.13	21.16	21.10		
15	16QAM	75	0	21.17	21.26	21.24		
15	64QAM	1	0	21.21	21.44	21.11	22.5	2
15	64QAM	1	37	21.51	21.20	21.44		
15	64QAM	1	74	21.11	21.12	21.11		
15	64QAM	36	0	20.29	20.19	20.12	21.5	3
15	64QAM	36	20	20.20	20.23	20.18		
15	64QAM	36	39	19.88	20.07	20.10		
15	64QAM	75	0	20.17	20.19	20.17		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.92	23.03	23.22	24.5	0
10	QPSK	1	25	23.12	23.22	23.06		
10	QPSK	1	49	22.82	23.13	22.88		
10	QPSK	25	0	22.02	22.11	22.20	23.5	1
10	QPSK	25	12	21.97	22.14	22.17		
10	QPSK	25	25	22.09	22.13	22.04		
10	QPSK	50	0	21.98	22.16	22.16		
10	16QAM	1	0	22.10	22.61	22.54	23.5	1
10	16QAM	1	25	22.11	22.63	22.32		
10	16QAM	1	49	22.20	22.29	22.42		
10	16QAM	25	0	21.04	21.19	21.17	22.5	2
10	16QAM	25	12	21.02	21.25	21.18		
10	16QAM	25	25	21.12	21.15	21.12		
10	16QAM	50	0	21.06	21.25	21.09		
10	64QAM	1	0	21.31	21.28	21.46	22.5	2
10	64QAM	1	25	21.38	21.42	21.42		
10	64QAM	1	49	20.89	21.37	21.33		
10	64QAM	25	0	19.98	20.19	20.23	21.5	3
10	64QAM	25	12	20.13	20.24	20.09		
10	64QAM	25	25	19.93	20.15	19.97		
10	64QAM	50	0	20.03	20.15	20.12		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.84	23.01	22.93	24.5	0
5	QPSK	1	12	23.10	23.07	23.25		
5	QPSK	1	24	22.94	22.96	22.94		
5	QPSK	12	0	21.92	22.12	22.12	23.5	1
5	QPSK	12	7	22.05	22.19	22.20		
5	QPSK	12	13	22.04	22.13	22.09		
5	QPSK	25	0	22.00	22.01	22.07		
5	16QAM	1	0	22.40	22.10	22.15	23.5	1
5	16QAM	1	12	22.35	22.29	22.14		
5	16QAM	1	24	22.06	22.14	21.78		
5	16QAM	12	0	21.01	21.09	21.18	22.5	2
5	16QAM	12	7	21.13	21.15	21.21		
5	16QAM	12	13	20.95	21.13	21.10		
5	16QAM	25	0	21.05	21.20	21.03		
5	64QAM	1	0	21.15	21.06	21.24	22.5	2
5	64QAM	1	12	21.21	21.70	21.37		
5	64QAM	1	24	21.13	21.29	21.18		
5	64QAM	12	0	19.98	20.17	20.06	21.5	3
5	64QAM	12	7	20.06	20.11	20.26		
5	64QAM	12	13	19.99	20.03	20.03		
5	64QAM	25	0	19.91	20.07	20.14		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.89	23.17	22.97	24.5	0
3	QPSK	1	8	22.95	23.10	23.00		
3	QPSK	1	14	22.97	23.01	23.09		
3	QPSK	8	0	21.92	22.16	21.97	23.5	1
3	QPSK	8	4	22.00	22.15	22.03		
3	QPSK	8	7	21.95	22.15	22.07		
3	QPSK	15	0	22.00	22.14	22.09		
3	16QAM	1	0	22.50	22.35	22.44	23.5	1
3	16QAM	1	8	22.02	22.40	22.28		
3	16QAM	1	14	22.40	22.10	22.09		
3	16QAM	8	0	21.12	21.17	21.07	22.5	2
3	16QAM	8	4	21.12	21.22	21.17		
3	16QAM	8	7	20.99	21.18	21.25		
3	16QAM	15	0	21.12	21.19	21.08		
3	64QAM	1	0	21.22	21.35	21.27	22.5	2
3	64QAM	1	8	21.25	21.44	21.09		
3	64QAM	1	14	21.03	21.20	21.18		
3	64QAM	8	0	20.10	20.14	20.07	21.5	3
3	64QAM	8	4	20.07	20.26	20.02		
3	64QAM	8	7	19.90	20.27	20.28		
3	64QAM	15	0	20.01	20.26	20.07		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.89	22.99	22.99	24.5	0
1.4	QPSK	1	3	22.90	23.10	23.10		
1.4	QPSK	1	5	22.85	22.97	22.97		
1.4	QPSK	3	0	22.93	23.05	23.05		
1.4	QPSK	3	1	23.07	23.08	23.08		
1.4	QPSK	3	3	22.95	23.05	23.05		
1.4	QPSK	6	0	22.05	22.16	22.16	23.5	1
1.4	16QAM	1	0	22.32	22.26	22.26	23.5	1
1.4	16QAM	1	3	22.32	22.59	22.59		
1.4	16QAM	1	5	22.15	22.40	22.40		
1.4	16QAM	3	0	22.07	21.86	21.86		
1.4	16QAM	3	1	22.00	22.00	22.00		
1.4	16QAM	3	3	21.81	22.14	22.14		
1.4	16QAM	6	0	21.03	21.24	21.24	22.5	2
1.4	64QAM	1	0	21.18	21.34	21.34	22.5	2
1.4	64QAM	1	3	21.09	21.33	21.33		
1.4	64QAM	1	5	21.23	21.40	21.40		
1.4	64QAM	3	0	21.16	21.37	21.37		
1.4	64QAM	3	1	21.25	21.38	21.38		
1.4	64QAM	3	3	20.78	21.16	21.16		
1.4	64QAM	6	0	19.93	20.17	20.17	21.5	3

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	22.93	23.04	23.05	24.5	0
20	QPSK	1	49	23.33	23.57	23.37		
20	QPSK	1	99	22.84	22.88	22.88		
20	QPSK	50	0	22.24	22.45	22.44	23.5	1
20	QPSK	50	24	22.23	22.37	22.41		
20	QPSK	50	50	22.22	22.28	22.23		
20	QPSK	100	0	22.22	22.32	22.30		
20	16QAM	1	0	22.23	22.24	22.34	23.5	1
20	16QAM	1	49	22.62	22.62	22.66		
20	16QAM	1	99	22.12	22.18	22.13		
20	16QAM	50	0	21.25	21.43	21.49	22.5	2
20	16QAM	50	24	21.29	21.40	21.43		
20	16QAM	50	50	21.28	21.32	21.24		
20	16QAM	100	0	21.26	21.32	21.33		
20	64QAM	1	0	21.12	21.21	21.24	22.5	2
20	64QAM	1	49	21.57	21.54	21.53		
20	64QAM	1	99	21.11	21.08	21.06		
20	64QAM	50	0	20.25	20.43	20.47	21.5	3
20	64QAM	50	24	20.27	20.38	20.41		
20	64QAM	50	50	20.24	20.29	20.22		
20	64QAM	100	0	20.24	20.32	20.32		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.05	23.19	23.21	24.5	0
15	QPSK	1	37	23.32	23.38	23.46		
15	QPSK	1	74	22.99	23.10	23.05		
15	QPSK	36	0	22.20	22.37	22.39	23.5	1
15	QPSK	36	20	22.23	22.39	22.35		
15	QPSK	36	39	22.23	22.26	22.25		
15	QPSK	75	0	22.22	22.32	22.33		
15	16QAM	1	0	22.39	22.43	22.48	23.5	1
15	16QAM	1	37	22.67	22.71	22.70		
15	16QAM	1	74	22.33	22.33	22.30		
15	16QAM	36	0	21.24	21.34	21.40	22.5	2
15	16QAM	36	20	21.26	21.36	21.35		
15	16QAM	36	39	21.21	21.29	21.26		
15	16QAM	75	0	21.29	21.32	21.37		
15	64QAM	1	0	21.29	21.40	21.41	22.5	2
15	64QAM	1	37	21.55	21.59	21.71		
15	64QAM	1	74	21.23	21.40	21.22		
15	64QAM	36	0	20.20	20.35	20.40	21.5	3
15	64QAM	36	20	20.25	20.35	20.35		
15	64QAM	36	39	20.22	20.29	20.23		
15	64QAM	75	0	20.21	20.29	20.30		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.10	23.24	23.23	24.5	0
10	QPSK	1	25	23.26	23.34	23.35		
10	QPSK	1	49	23.08	23.20	23.09		
10	QPSK	25	0	22.19	22.31	22.37	23.5	1
10	QPSK	25	12	22.24	22.33	22.31		
10	QPSK	25	25	22.24	22.26	22.25		
10	QPSK	50	0	22.22	22.31	22.32		
10	16QAM	1	0	22.42	22.48	22.47	23.5	1
10	16QAM	1	25	22.57	22.60	22.55		
10	16QAM	1	49	22.39	22.46	22.36		
10	16QAM	25	0	21.24	21.34	21.42	22.5	2
10	16QAM	25	12	21.29	21.37	21.36		
10	16QAM	25	25	21.27	21.28	21.27		
10	16QAM	50	0	21.28	21.35	21.36		
10	64QAM	1	0	21.32	21.42	21.44	22.5	2
10	64QAM	1	25	21.49	21.52	21.51		
10	64QAM	1	49	21.33	21.40	21.31		
10	64QAM	25	0	20.18	20.35	20.36	21.5	3
10	64QAM	25	12	20.25	20.34	20.33		
10	64QAM	25	25	20.20	20.30	20.22		
10	64QAM	50	0	20.21	20.33	20.29		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.01	23.15	23.11	24.5	0
5	QPSK	1	12	23.32	23.40	23.33		
5	QPSK	1	24	23.03	23.11	23.08		
5	QPSK	12	0	22.13	22.24	22.30	23.5	1
5	QPSK	12	7	22.20	22.31	22.26		
5	QPSK	12	13	22.19	22.23	22.22		
5	QPSK	25	0	22.13	22.22	22.27		
5	16QAM	1	0	22.33	22.45	22.42	23.5	1
5	16QAM	1	12	22.56	22.64	22.65		
5	16QAM	1	24	22.31	22.35	22.32		
5	16QAM	12	0	21.16	21.26	21.31	22.5	2
5	16QAM	12	7	21.23	21.33	21.30		
5	16QAM	12	13	21.23	21.22	21.22		
5	16QAM	25	0	21.18	21.27	21.27		
5	64QAM	1	0	21.25	21.35	21.37	22.5	2
5	64QAM	1	12	21.50	21.58	21.58		
5	64QAM	1	24	21.25	21.27	21.26		
5	64QAM	12	0	20.19	20.28	20.29	21.5	3
5	64QAM	12	7	20.24	20.34	20.33		
5	64QAM	12	13	20.17	20.27	20.22		
5	64QAM	25	0	20.13	20.22	20.25		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.15	23.26	23.22	24.5	0
3	QPSK	1	8	23.10	23.25	23.18		
3	QPSK	1	14	23.14	23.24	23.18		
3	QPSK	8	0	22.16	22.29	22.27	23.5	1
3	QPSK	8	4	22.20	22.31	22.26		
3	QPSK	8	7	22.16	22.28	22.25		
3	QPSK	15	0	22.16	22.29	22.25		
3	16QAM	1	0	22.39	22.50	22.50	23.5	1
3	16QAM	1	8	22.38	22.48	22.44		
3	16QAM	1	14	22.44	22.47	22.45		
3	16QAM	8	0	21.28	21.40	21.33	22.5	2
3	16QAM	8	4	21.30	21.39	21.34		
3	16QAM	8	7	21.26	21.35	21.33		
3	16QAM	15	0	21.22	21.32	21.30		
3	64QAM	1	0	21.39	21.42	21.40	22.5	2
3	64QAM	1	8	21.36	21.46	21.39		
3	64QAM	1	14	21.39	21.44	21.41		
3	64QAM	8	0	20.23	20.34	20.29	21.5	3
3	64QAM	8	4	20.25	20.37	20.35		
3	64QAM	8	7	20.23	20.36	20.29		
3	64QAM	15	0	20.16	20.29	20.27		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.05	23.19	23.14	24.5	0
1.4	QPSK	1	3	23.18	23.31	23.29		
1.4	QPSK	1	5	23.08	23.20	23.13		
1.4	QPSK	3	0	23.15	23.30	23.24		
1.4	QPSK	3	1	23.21	23.38	23.29		
1.4	QPSK	3	3	23.16	23.31	23.26		
1.4	QPSK	6	0	22.18	22.27	22.28	23.5	1
1.4	16QAM	1	0	22.34	22.47	22.36	23.5	1
1.4	16QAM	1	3	22.45	22.59	22.53		
1.4	16QAM	1	5	22.33	22.45	22.39		
1.4	16QAM	3	0	22.18	22.30	22.21		
1.4	16QAM	3	1	22.22	22.38	22.30		
1.4	16QAM	3	3	22.16	22.29	22.18		
1.4	16QAM	6	0	21.31	21.41	21.36	22.5	2
1.4	64QAM	1	0	21.28	21.35	21.32	22.5	2
1.4	64QAM	1	3	21.41	21.54	21.50		
1.4	64QAM	1	5	21.27	21.40	21.33		
1.4	64QAM	3	0	21.30	21.40	21.40		
1.4	64QAM	3	1	21.41	21.47	21.46		
1.4	64QAM	3	3	21.34	21.40	21.40		
1.4	64QAM	6	0	20.18	20.32	20.25	21.5	3

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	23.26	23.34	23.21	24.5	0
20	QPSK	1	49	23.70	23.72	23.71		
20	QPSK	1	99	23.12	23.20	23.31		
20	QPSK	50	0	22.28	22.48	22.46	23.5	1
20	QPSK	50	24	22.34	22.40	22.42		
20	QPSK	50	50	22.33	22.33	22.42		
20	QPSK	100	0	22.30	22.48	22.42		
20	16QAM	1	0	22.10	22.15	22.22	23.5	1
20	16QAM	1	49	22.56	22.62	22.67		
20	16QAM	1	99	22.27	22.24	22.30		
20	16QAM	50	0	21.35	21.40	21.52	22.5	2
20	16QAM	50	24	21.36	21.43	21.56		
20	16QAM	50	50	21.31	21.39	21.54		
20	16QAM	100	0	21.35	21.41	21.55		
20	64QAM	1	0	20.89	20.87	20.98	22.5	2
20	64QAM	1	49	21.24	21.35	21.47		
20	64QAM	1	99	20.98	21.03	21.14		
20	64QAM	50	0	20.23	20.38	20.44	21.5	3
20	64QAM	50	24	20.29	20.36	20.45		
20	64QAM	50	50	20.27	20.32	20.49		
20	64QAM	100	0	20.34	20.40	20.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.09	23.21	23.30	24.5	0
15	QPSK	1	37	23.30	23.32	23.32		
15	QPSK	1	74	23.27	23.26	23.33		
15	QPSK	36	0	22.34	22.41	22.54	23.5	1
15	QPSK	36	20	22.43	22.46	22.58		
15	QPSK	36	39	22.46	22.53	22.54		
15	QPSK	75	0	22.31	22.39	22.44		
15	16QAM	1	0	22.21	22.30	22.45	23.5	1
15	16QAM	1	37	22.50	22.56	22.65		
15	16QAM	1	74	22.36	22.44	22.49		
15	16QAM	36	0	21.24	21.42	21.39	22.5	2
15	16QAM	36	20	21.33	21.46	21.51		
15	16QAM	36	39	21.34	21.44	21.52		
15	16QAM	75	0	21.24	21.34	21.54		
15	64QAM	1	0	21.05	21.05	21.14	22.5	2
15	64QAM	1	37	21.24	21.33	21.47		
15	64QAM	1	74	21.09	21.20	21.32		
15	64QAM	36	0	20.26	20.44	20.50	21.5	3
15	64QAM	36	20	20.31	20.44	20.51		
15	64QAM	36	39	20.34	20.40	20.51		
15	64QAM	75	0	20.25	20.36	20.54		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.27	23.29	23.25	24.5	0
10	QPSK	1	25	23.21	23.29	23.26		
10	QPSK	1	49	23.24	23.30	23.32		
10	QPSK	25	0	22.37	22.54	22.60	23.5	1
10	QPSK	25	12	22.45	22.46	22.60		
10	QPSK	25	25	22.42	22.49	22.60		
10	QPSK	50	0	22.37	22.43	22.56		
10	16QAM	1	0	22.41	22.43	22.48	23.5	1
10	16QAM	1	25	22.38	22.46	22.54		
10	16QAM	1	49	22.42	22.50	22.62		
10	16QAM	25	0	21.34	21.57	21.64	22.5	2
10	16QAM	25	12	21.39	21.51	21.67		
10	16QAM	25	25	21.39	21.47	21.68		
10	16QAM	50	0	21.44	21.41	21.71		
10	64QAM	1	0	21.11	21.24	21.33	22.5	2
10	64QAM	1	25	21.18	21.21	21.33		
10	64QAM	1	49	21.18	21.22	21.41		
10	64QAM	25	0	20.40	20.56	20.62	21.5	3
10	64QAM	25	12	20.39	20.50	20.63		
10	64QAM	25	25	20.35	20.41	20.67		
10	64QAM	50	0	20.33	20.44	20.58		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.17	23.28	23.26	24.5	0
5	QPSK	1	12	23.31	23.27	23.24		
5	QPSK	1	24	23.17	23.26	23.29		
5	QPSK	12	0	22.25	22.56	22.59	23.5	1
5	QPSK	12	7	22.38	22.53	22.66		
5	QPSK	12	13	22.26	22.46	22.63		
5	QPSK	25	0	22.31	22.43	22.54		
5	16QAM	1	0	22.23	22.39	22.48	23.5	1
5	16QAM	1	12	22.40	22.53	22.67		
5	16QAM	1	24	22.28	22.37	22.47		
5	16QAM	12	0	21.26	21.43	21.58	22.5	2
5	16QAM	12	7	21.28	21.43	21.61		
5	16QAM	12	13	21.22	21.29	21.56		
5	16QAM	25	0	21.28	21.41	21.65		
5	64QAM	1	0	21.07	21.13	21.29	22.5	2
5	64QAM	1	12	21.10	21.37	21.55		
5	64QAM	1	24	21.06	21.16	21.32		
5	64QAM	12	0	20.23	20.43	20.58	21.5	3
5	64QAM	12	7	20.30	20.43	20.63		
5	64QAM	12	13	20.23	20.34	20.59		
5	64QAM	25	0	20.27	20.47	20.68		

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	22.79	22.91	23.05	24.5	0
20	QPSK	1	49	23.36	23.62	23.52		
20	QPSK	1	99	23.08	23.16	23.22		
20	QPSK	50	0	22.19	22.44	22.42	23.5	1
20	QPSK	50	24	22.24	22.38	22.43		
20	QPSK	50	50	22.17	22.29	22.38		
20	QPSK	100	0	22.24	22.48	22.44		
20	16QAM	1	0	21.92	22.04	22.19	23.5	1
20	16QAM	1	49	22.43	22.57	22.66		
20	16QAM	1	99	22.15	22.29	22.37		
20	16QAM	50	0	21.17	21.31	21.49	22.5	2
20	16QAM	50	24	21.23	21.36	21.53		
20	16QAM	50	50	21.22	21.33	21.49		
20	16QAM	100	0	21.22	21.36	21.50		
20	64QAM	1	0	20.66	20.82	20.88	22.5	2
20	64QAM	1	49	21.15	21.28	21.38		
20	64QAM	1	99	20.87	20.96	21.09		
20	64QAM	50	0	20.12	20.28	20.45	21.5	3
20	64QAM	50	24	20.18	20.29	20.47		
20	64QAM	50	50	20.19	20.31	20.45		
20	64QAM	100	0	20.16	20.32	20.48		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.99	23.13	23.32	24.5	0
15	QPSK	1	37	23.31	23.47	23.51		
15	QPSK	1	74	23.14	23.24	23.47		
15	QPSK	36	0	22.26	22.40	22.55	23.5	1
15	QPSK	36	20	22.27	22.47	22.47		
15	QPSK	36	39	22.31	22.49	22.53		
15	QPSK	75	0	22.17	22.30	22.40		
15	16QAM	1	0	22.16	22.24	22.39	23.5	1
15	16QAM	1	37	22.43	22.54	22.64		
15	16QAM	1	74	22.24	22.44	22.51		
15	16QAM	36	0	21.16	21.33	21.39	22.5	2
15	16QAM	36	20	21.23	21.37	21.44		
15	16QAM	36	39	21.27	21.37	21.53		
15	16QAM	75	0	21.18	21.30	21.47		
15	64QAM	1	0	20.96	20.99	21.13	22.5	2
15	64QAM	1	37	21.15	21.32	21.44		
15	64QAM	1	74	21.02	21.16	21.31		
15	64QAM	36	0	20.14	20.33	20.46	21.5	3
15	64QAM	36	20	20.24	20.38	20.51		
15	64QAM	36	39	20.28	20.38	20.53		
15	64QAM	75	0	20.12	20.34	20.40		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.17	23.33	23.42	24.5	0
10	QPSK	1	25	23.26	23.27	23.43		
10	QPSK	1	49	23.19	23.38	23.51		
10	QPSK	25	0	23.18	22.49	22.53	23.5	1
10	QPSK	25	12	23.20	22.46	22.55		
10	QPSK	25	25	22.26	22.48	22.58		
10	QPSK	50	0	22.34	22.41	22.58		
10	16QAM	1	0	22.34	22.42	22.59	23.5	1
10	16QAM	1	25	22.36	22.38	22.50		
10	16QAM	1	49	22.31	22.46	22.57		
10	16QAM	25	0	22.37	21.47	21.61	22.5	2
10	16QAM	25	12	22.29	21.52	21.63		
10	16QAM	25	25	21.24	21.43	21.65		
10	16QAM	50	0	21.28	21.50	21.66		
10	64QAM	1	0	21.35	21.19	21.33	22.5	2
10	64QAM	1	25	21.29	21.18	21.31		
10	64QAM	1	49	21.05	21.21	21.39		
10	64QAM	25	0	21.03	20.48	20.60	21.5	3
10	64QAM	25	12	21.07	20.44	20.62		
10	64QAM	25	25	20.26	20.44	20.67		
10	64QAM	50	0	20.30	20.40	20.60		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.08	23.19	23.34	24.5	0
5	QPSK	1	12	23.23	23.40	23.58		
5	QPSK	1	24	23.08	23.28	23.44		
5	QPSK	12	0	22.19	22.41	22.63	23.5	1
5	QPSK	12	7	22.32	22.49	22.63		
5	QPSK	12	13	22.18	22.44	22.64		
5	QPSK	25	0	22.30	22.35	22.52		
5	16QAM	1	0	22.19	22.30	22.49	23.5	1
5	16QAM	1	12	22.33	22.58	22.72		
5	16QAM	1	24	22.25	22.35	22.55		
5	16QAM	12	0	21.14	21.34	21.55	22.5	2
5	16QAM	12	7	21.25	21.38	21.64		
5	16QAM	12	13	21.12	21.32	21.53		
5	16QAM	25	0	21.25	21.44	21.64		
5	64QAM	1	0	20.93	21.14	21.27	22.5	2
5	64QAM	1	12	21.13	21.33	21.42		
5	64QAM	1	24	20.99	21.09	21.30		
5	64QAM	12	0	20.17	20.42	20.58	21.5	3
5	64QAM	12	7	20.28	20.43	20.62		
5	64QAM	12	13	20.19	20.33	20.54		
5	64QAM	25	0	20.22	20.47	20.65		

Band 41_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	23.30	23.22	23.18	23.43	24.5	0
20	QPSK	1	49	23.37	23.39	23.50	23.88		
20	QPSK	1	99	23.22	23.13	23.38	23.51		
20	QPSK	50	0	22.29	22.38	22.48	22.85	23.5	1
20	QPSK	50	24	22.22	22.29	22.47	22.80		
20	QPSK	50	50	22.21	22.37	22.42	22.74		
20	QPSK	100	0	22.18	22.36	22.61	22.72		
20	16QAM	1	0	22.20	22.15	22.23	22.49	23.5	1
20	16QAM	1	49	22.47	22.55	22.72	22.97		
20	16QAM	1	99	22.14	22.23	22.38	22.60		
20	16QAM	50	0	21.23	21.33	21.50	21.74	22.5	2
20	16QAM	50	24	21.23	21.35	21.51	21.92		
20	16QAM	50	50	21.25	21.33	21.51	21.90		
20	16QAM	100	0	21.19	21.35	21.48	21.83		
20	64QAM	1	0	21.02	21.04	20.96	21.36	22.5	2
20	64QAM	1	49	21.21	21.34	21.44	21.74		
20	64QAM	1	99	21.00	20.99	21.14	21.39		
20	64QAM	50	0	20.13	20.26	20.36	20.74	21.5	3
20	64QAM	50	24	20.12	20.24	20.48	20.87		
20	64QAM	50	50	20.18	20.27	20.37	20.78		
20	64QAM	100	0	20.13	20.30	20.48	20.78		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	23.15	23.06	23.21	23.25	24.5	0
15	QPSK	1	37	23.27	23.45	23.52	23.52		
15	QPSK	1	74	23.14	23.26	23.45	23.43		
15	QPSK	36	0	22.29	22.28	22.55	22.58	23.5	1
15	QPSK	36	20	22.31	22.37	22.54	22.58		
15	QPSK	36	39	22.37	22.44	22.59	22.66		
15	QPSK	75	0	22.29	22.35	22.56	22.49		
15	16QAM	1	0	22.31	22.19	22.36	22.45	23.5	1
15	16QAM	1	37	22.47	22.49	22.63	22.65		
15	16QAM	1	74	22.27	22.31	22.52	22.47		
15	16QAM	36	0	21.15	21.27	21.49	21.55	22.5	2
15	16QAM	36	20	21.21	21.24	21.51	21.54		
15	16QAM	36	39	21.16	21.29	21.46	21.56		
15	16QAM	75	0	21.19	21.26	21.45	21.56		
15	64QAM	1	0	20.88	20.97	21.07	21.10	22.5	2
15	64QAM	1	37	21.14	21.21	21.37	21.38		
15	64QAM	1	74	21.05	21.04	21.33	21.27		
15	64QAM	36	0	20.22	20.25	20.52	20.58	21.5	3
15	64QAM	36	20	20.23	20.26	20.47	20.44		
15	64QAM	36	39	20.25	20.32	20.47	20.51		
15	64QAM	75	0	20.16	20.30	20.40	20.44		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	23.20	23.23	23.44	23.49	24.5	0
10	QPSK	1	25	23.12	23.24	23.35	23.44		
10	QPSK	1	49	23.26	23.30	23.52	23.56		
10	QPSK	25	0	22.28	22.36	22.59	22.66	23.5	1
10	QPSK	25	12	22.28	22.33	22.67	22.67		
10	QPSK	25	25	22.33	22.35	22.46	22.64		
10	QPSK	50	0	22.35	22.30	22.52	22.47		
10	16QAM	1	0	22.37	22.35	22.52	22.51	23.5	1
10	16QAM	1	25	22.21	22.32	22.45	22.53		
10	16QAM	1	49	22.28	22.44	22.53	22.58		
10	16QAM	25	0	21.30	21.37	21.64	21.65	22.5	2
10	16QAM	25	12	21.30	21.30	21.54	21.63		
10	16QAM	25	25	21.36	21.34	21.51	21.61		
10	16QAM	50	0	21.32	21.36	21.58	21.49		
10	64QAM	1	0	21.02	21.11	21.18	21.24	22.5	2
10	64QAM	1	25	21.01	21.11	21.32	21.30		
10	64QAM	1	49	21.01	21.10	21.41	21.35		
10	64QAM	25	0	20.26	20.30	20.64	20.56	21.5	3
10	64QAM	25	12	20.38	20.30	20.60	20.67		
10	64QAM	25	25	20.31	20.34	20.56	20.53		
10	64QAM	50	0	20.24	20.27	20.39	20.57		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	23.18	23.12	23.33	23.29	24.5	0
5	QPSK	1	12	23.30	23.34	23.54	23.54		
5	QPSK	1	24	23.12	23.20	23.37	23.45		
5	QPSK	12	0	22.31	22.31	22.62	22.57	23.5	1
5	QPSK	12	7	22.38	22.39	22.65	22.60		
5	QPSK	12	13	22.28	22.29	22.65	22.46		
5	QPSK	25	0	22.26	22.33	22.45	22.44		
5	16QAM	1	0	22.24	22.29	22.42	22.49	23.5	1
5	16QAM	1	12	22.40	22.51	22.65	22.62		
5	16QAM	1	24	22.26	22.29	22.49	22.46		
5	16QAM	12	0	21.23	21.21	21.48	21.51	22.5	2
5	16QAM	12	7	21.32	21.30	21.53	21.62		
5	16QAM	12	13	21.19	21.22	21.45	21.47		
5	16QAM	25	0	21.32	21.30	21.52	21.55		
5	64QAM	1	0	20.97	21.01	21.27	21.15	22.5	2
5	64QAM	1	12	21.13	21.24	21.41	21.42		
5	64QAM	1	24	20.97	21.08	21.21	21.26		
5	64QAM	12	0	20.16	20.25	20.46	20.44	21.5	3
5	64QAM	12	7	20.24	20.26	20.52	20.54		
5	64QAM	12	13	20.21	20.26	20.46	20.46		
5	64QAM	25	0	20.29	20.30	20.50	20.53		

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	22.80	22.83	22.85	23.13	24.5	0
20	QPSK	1	49	22.99	23.10	23.33	23.68		
20	QPSK	1	99	22.85	22.95	23.10	23.17		
20	QPSK	50	0	21.89	22.01	22.28	22.55	23.5	1
20	QPSK	50	24	21.82	21.95	22.27	22.49		
20	QPSK	50	50	21.86	21.99	22.18	22.38		
20	QPSK	100	0	21.85	22.00	22.27	22.44		
20	16QAM	1	0	21.71	21.76	21.94	22.19	23.5	1
20	16QAM	1	49	22.10	22.25	22.43	22.40		
20	16QAM	1	99	21.80	21.91	22.14	22.24		
20	16QAM	50	0	20.99	20.96	21.26	21.56	22.5	2
20	16QAM	50	24	20.88	20.99	21.21	21.57		
20	16QAM	50	50	20.91	21.04	21.23	21.56		
20	16QAM	100	0	20.84	21.07	21.28	21.54		
20	64QAM	1	0	20.59	20.56	20.66	21.02	22.5	2
20	64QAM	1	49	20.87	20.93	21.22	21.43		
20	64QAM	1	99	20.57	20.62	20.95	21.07		
20	64QAM	50	0	19.74	19.90	20.10	20.46	21.5	3
20	64QAM	50	24	19.85	19.95	20.24	20.57		
20	64QAM	50	50	19.85	19.98	20.22	20.45		
20	64QAM	100	0	19.81	20.01	20.26	20.49		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	22.69	22.77	23.03	23.05	24.5	0
15	QPSK	1	37	22.87	23.07	23.37	23.29		
15	QPSK	1	74	22.70	22.92	23.18	23.25		
15	QPSK	36	0	21.83	22.04	22.35	22.33	23.5	1
15	QPSK	36	20	21.85	22.09	22.30	22.39		
15	QPSK	36	39	21.91	22.10	22.38	22.40		
15	QPSK	75	0	21.82	21.96	22.30	22.29		
15	16QAM	1	0	21.87	21.87	22.07	22.09	23.5	1
15	16QAM	1	37	22.01	22.17	22.41	22.42		
15	16QAM	1	74	21.86	22.10	22.32	22.30		
15	16QAM	36	0	20.79	20.96	21.21	21.27	22.5	2
15	16QAM	36	20	20.86	20.95	21.24	21.25		
15	16QAM	36	39	20.83	21.02	21.25	21.29		
15	16QAM	75	0	20.85	20.95	21.24	21.26		
15	64QAM	1	0	20.58	20.65	20.90	20.92	22.5	2
15	64QAM	1	37	20.75	20.89	21.15	21.16		
15	64QAM	1	74	20.65	20.83	21.05	21.06		
15	64QAM	36	0	19.83	19.97	20.26	20.22	21.5	3
15	64QAM	36	20	19.81	20.00	20.24	20.17		
15	64QAM	36	39	19.89	20.05	20.25	20.29		
15	64QAM	75	0	19.87	19.97	20.18	20.27		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	22.84	22.95	23.15	23.14	24.5	0
10	QPSK	1	25	22.66	22.85	23.13	23.13		
10	QPSK	1	49	22.78	22.99	23.26	23.29		
10	QPSK	25	0	21.82	22.00	22.38	22.38	23.5	1
10	QPSK	25	12	21.83	21.98	22.38	22.37		
10	QPSK	25	25	21.91	22.04	22.34	22.35		
10	QPSK	50	0	21.91	22.05	22.26	22.26		
10	16QAM	1	0	21.85	22.02	22.24	22.27	23.5	1
10	16QAM	1	25	21.78	22.01	22.32	22.31		
10	16QAM	1	49	21.89	22.06	22.35	22.42		
10	16QAM	25	0	20.85	21.03	21.33	21.45	22.5	2
10	16QAM	25	12	20.95	20.96	21.34	21.40		
10	16QAM	25	25	20.95	21.06	21.25	21.33		
10	16QAM	50	0	20.95	21.04	21.36	21.38		
10	64QAM	1	0	20.69	20.74	21.04	21.03	22.5	2
10	64QAM	1	25	20.59	20.80	21.03	21.03		
10	64QAM	1	49	20.71	20.84	21.07	21.08		
10	64QAM	25	0	19.86	19.99	20.32	20.40	21.5	3
10	64QAM	25	12	19.94	20.09	20.35	20.38		
10	64QAM	25	25	19.92	20.06	20.32	20.40		
10	64QAM	50	0	19.87	20.01	20.28	20.34		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	22.63	22.70	23.02	23.06	24.5	0
5	QPSK	1	12	22.92	22.94	23.30	23.29		
5	QPSK	1	24	22.68	22.75	23.14	23.17		
5	QPSK	12	0	21.82	21.92	22.38	22.37	23.5	1
5	QPSK	12	7	21.88	21.95	22.40	22.41		
5	QPSK	12	13	21.84	21.96	22.31	22.33		
5	QPSK	25	0	21.79	21.91	22.27	22.30		
5	16QAM	1	0	21.85	21.93	22.16	22.20	23.5	1
5	16QAM	1	12	21.99	22.13	22.46	22.39		
5	16QAM	1	24	21.74	22.00	22.29	22.29		
5	16QAM	12	0	20.69	20.90	21.25	21.22	22.5	2
5	16QAM	12	7	20.76	21.03	21.27	21.32		
5	16QAM	12	13	20.75	20.96	21.26	21.21		
5	16QAM	25	0	20.82	20.97	21.32	21.33		
5	64QAM	1	0	20.50	20.73	20.99	20.99	22.5	2
5	64QAM	1	12	20.68	20.95	21.14	21.15		
5	64QAM	1	24	20.50	20.67	21.05	21.05		
5	64QAM	12	0	19.78	19.96	20.32	20.33	21.5	3
5	64QAM	12	7	19.83	19.96	20.31	20.35		
5	64QAM	12	13	19.73	19.99	20.23	20.25		
5	64QAM	25	0	19.75	19.96	20.36	20.36		

Reduced Power for DSI1

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.28	32.39	32.42	**33.50**	23.28	23.39	23.42	24.50
GPRS 1 Tx slot	32.27	32.37	32.41	**33.50**	23.27	23.37	23.41	24.50
GPRS 2 Tx slots	29.82	29.94	29.95	**30.50**	23.82	23.94	23.95	24.50
GPRS 3 Tx slots	28.08	28.13	28.16	**28.50**	23.82	23.87	23.90	24.24
GPRS 4 Tx slots	26.73	26.83	26.82	**27.50**	23.73	23.83	23.82	24.50
EDGE 1 Tx slot	27.04	27.06	27.02	**28.00**	18.04	18.06	18.02	19.00
EDGE 2 Tx slots	24.17	24.15	23.80	**25.00**	18.17	18.15	17.80	19.00
EDGE 3 Tx slots	22.65	22.57	22.50	**24.00**	18.39	18.31	18.24	19.74
EDGE 4 Tx slots	21.07	21.15	21.01	**22.50**	18.07	18.15	18.01	19.50

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	31.77	31.85	31.86	**32.50**	22.77	22.85	22.86	23.50
GPRS 1 Tx slot	31.72	31.83	31.84	**32.50**	22.72	22.83	22.84	23.50
GPRS 2 Tx slots	28.86	28.96	28.96	**29.50**	22.86	22.96	22.96	23.50
GPRS 3 Tx slots	26.87	26.94	26.93	**27.50**	22.61	22.68	22.67	23.24
GPRS 4 Tx slots	25.96	26.01	26.00	**26.50**	22.96	23.01	23.00	23.50
EDGE 1 Tx slot	26.13	26.06	25.96	**27.00**	17.13	17.06	16.96	18.00
EDGE 2 Tx slots	22.83	22.92	22.82	**24.00**	16.83	16.92	16.82	18.00
EDGE 3 Tx slots	21.68	21.70	21.55	**23.00**	17.42	17.44	17.29	18.74
EDGE 4 Tx slots	19.88	19.95	19.85	**21.50**	16.88	16.95	16.85	18.50

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.52	29.52	29.37	**30.50**	20.52	20.52	20.37	21.50
GPRS 1 Tx slot	29.51	29.53	29.36	**30.50**	20.51	20.53	20.36	21.50
GPRS 2 Tx slots	27.12	27.11	26.96	**27.50**	21.12	21.11	20.96	21.50
GPRS 3 Tx slots	25.35	25.38	25.20	**25.50**	21.09	21.12	20.94	21.24
GPRS 4 Tx slots	23.99	24.02	23.88	**24.50**	20.99	21.02	20.88	21.50
EDGE 1 Tx slot	25.91	26.01	25.87	**27.00**	16.91	17.01	16.87	18.00
EDGE 2 Tx slots	22.96	23.09	22.73	**24.00**	16.96	17.09	16.73	18.00
EDGE 3 Tx slots	20.85	21.01	20.93	**22.00**	16.59	16.75	16.67	17.74
EDGE 4 Tx slots	19.68	19.61	19.51	**21.00**	16.68	16.61	16.51	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	28.46	28.50	28.33	**29.00**	19.46	19.50	19.33	20.00
GPRS 1 Tx slot	28.45	28.47	28.30	**29.00**	19.45	19.47	19.30	20.00
GPRS 2 Tx slots	25.63	25.66	25.49	**26.00**	19.63	19.66	19.49	20.00
GPRS 3 Tx slots	23.58	23.67	23.51	**24.00**	19.32	19.41	19.25	19.74
GPRS 4 Tx slots	22.56	22.65	22.53	**23.00**	19.56	19.65	19.53	20.00
EDGE 1 Tx slot	24.65	24.70	24.55	**25.50**	15.65	15.70	15.55	16.50
EDGE 2 Tx slots	21.50	21.54	21.57	**22.50**	15.50	15.54	15.57	16.50
EDGE 3 Tx slots	19.38	19.45	19.33	**20.50**	15.12	15.19	15.07	16.24
EDGE 4 Tx slots	18.28	18.29	18.21	**19.50**	15.28	15.29	15.21	16.50

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA II_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.80	22.85	22.89	**24.00**	15.90	15.94	15.96	**17.00**
3GPP Rel 99	RMC 12.2Kbps	22.81	22.97	22.90	**24.00**	16.00	16.05	16.02	**17.00**
3GPP Rel 6	HSDPA Subtest-1	21.77	21.84	21.84	**23.00**	14.90	14.97	14.99	**16.00**
3GPP Rel 6	HSDPA Subtest-2	21.74	21.78	21.80	**23.00**	14.81	14.83	14.91	**16.00**
3GPP Rel 6	HSDPA Subtest-3	21.26	21.27	21.39	**22.00**	14.35	14.30	14.42	**15.00**
3GPP Rel 6	HSDPA Subtest-4	21.24	21.31	21.37	**22.00**	14.28	14.31	14.38	**15.00**
3GPP Rel 8	DC-HSDPA Subtest-1	21.66	21.77	21.68	**23.00**	14.72	14.72	14.74	**16.00**
3GPP Rel 8	DC-HSDPA Subtest-2	21.66	21.70	21.68	**23.00**	14.62	14.64	14.63	**16.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.11	21.20	21.24	**22.00**	14.02	14.12	14.08	**15.00**
3GPP Rel 8	DC-HSDPA Subtest-4	21.08	21.23	21.30	**22.00**	14.05	14.14	14.22	**15.00**
3GPP Rel 6	HSUPA Subtest-1	20.81	20.39	20.45	**21.00**	13.88	13.90	13.76	**14.00**
3GPP Rel 6	HSUPA Subtest-2	20.36	20.36	20.34	**21.00**	13.50	13.51	13.59	**14.00**
3GPP Rel 6	HSUPA Subtest-3	21.33	21.40	21.48	**22.00**	14.43	14.47	14.54	**15.00**
3GPP Rel 6	HSUPA Subtest-4	19.85	19.99	19.94	**20.50**	13.00	13.02	13.04	**13.50**
3GPP Rel 6	HSUPA Subtest-5	21.30	21.40	21.30	**22.00**	14.30	14.50	14.40	**15.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.23	20.23	20.23	**21.00**	13.33	13.25	13.40	**14.00**

Band		WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.07	23.07	23.10	**24.00**	18.24	18.23	18.25	**19.00**
3GPP Rel 99	RMC 12.2Kbps	23.08	23.13	23.12	**24.00**	18.25	18.30	18.27	**19.00**
3GPP Rel 6	HSDPA Subtest-1	22.13	22.10	22.14	**23.00**	17.23	17.22	17.26	**18.00**
3GPP Rel 6	HSDPA Subtest-2	22.09	22.05	21.54	**23.00**	17.18	17.10	17.17	**18.00**
3GPP Rel 6	HSDPA Subtest-3	21.57	21.52	21.57	**22.00**	16.70	16.63	16.72	**17.00**
3GPP Rel 6	HSDPA Subtest-4	21.50	21.52	21.55	**22.00**	16.65	16.59	16.71	**17.00**
3GPP Rel 8	DC-HSDPA Subtest-1	22.06	22.05	21.99	**23.00**	16.99	17.14	17.05	**18.00**
3GPP Rel 8	DC-HSDPA Subtest-2	21.94	22.00	21.41	**23.00**	17.00	17.06	17.04	**18.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.47	21.37	21.50	**22.00**	16.48	16.53	16.56	**17.00**
3GPP Rel 8	DC-HSDPA Subtest-4	21.37	21.39	21.41	**22.00**	16.41	16.52	16.44	**17.00**
3GPP Rel 6	HSUPA Subtest-1	20.61	20.55	20.59	**21.00**	15.88	15.75	15.80	**16.00**
3GPP Rel 6	HSUPA Subtest-2	20.62	20.56	20.61	**21.00**	15.70	15.79	15.76	**16.00**
3GPP Rel 6	HSUPA Subtest-3	21.62	21.61	21.61	**22.00**	16.72	16.74	16.72	**17.00**
3GPP Rel 6	HSUPA Subtest-4	20.13	20.15	20.08	**20.50**	15.27	15.26	15.27	**15.50**
3GPP Rel 6	HSUPA Subtest-5	21.50	21.60	21.60	**22.00**	16.70	16.70	16.70	**17.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.50	20.46	20.45	**21.00**	15.50	15.45	15.55	**16.00**

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.84	22.81	22.73	**24.00**	20.82	20.86	20.72	**22.00**
3GPP Rel 99	RMC 12.2Kbps	22.85	22.86	22.75	**24.00**	20.88	20.90	20.79	**22.00**
3GPP Rel 6	HSDPA Subtest-1	21.89	21.97	21.80	**23.00**	19.95	19.89	19.75	**21.00**
3GPP Rel 6	HSDPA Subtest-2	21.76	21.77	21.70	**23.00**	19.80	19.77	19.63	**21.00**
3GPP Rel 6	HSDPA Subtest-3	21.25	21.30	21.16	**22.00**	19.30	19.31	19.20	**20.00**
3GPP Rel 6	HSDPA Subtest-4	21.24	21.32	21.17	**22.00**	19.29	19.32	19.19	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-1	21.81	21.85	21.68	**23.00**	19.61	19.61	19.55	**21.00**
3GPP Rel 8	DC-HSDPA Subtest-2	21.71	21.62	21.62	**23.00**	19.66	19.45	19.52	**21.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.17	21.15	21.11	**22.00**	18.99	19.16	18.92	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-4	21.15	21.24	21.12	**22.00**	19.16	19.09	19.00	**20.00**
3GPP Rel 6	HSUPA Subtest-1	20.39	20.40	20.31	**21.00**	18.40	18.46	18.37	**19.00**
3GPP Rel 6	HSUPA Subtest-2	20.35	20.35	20.23	**21.00**	18.41	18.42	18.28	**19.00**
3GPP Rel 6	HSUPA Subtest-3	21.38	21.36	21.33	**22.00**	19.43	19.46	19.33	**20.00**
3GPP Rel 6	HSUPA Subtest-4	19.84	19.92	19.82	**20.50**	17.95	17.93	17.83	**18.50**
3GPP Rel 6	HSUPA Subtest-5	21.30	21.30	21.10	**22.00**	19.30	19.40	19.20	**20.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.26	20.21	20.12	**21.00**	18.15	18.22	18.19	**19.00**

Band 2_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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.09	23.33	23.12	24.5	0
20	QPSK	1	49	23.21	23.38	23.29		
20	QPSK	1	99	23.02	23.04	23.36		
20	QPSK	50	0	22.25	22.63	22.62	23.5	1
20	QPSK	50	24	22.24	22.46	22.59		
20	QPSK	50	50	22.16	22.43	22.59		
20	QPSK	100	0	22.23	22.59	22.58		
20	16QAM	1	0	22.12	22.17	22.19	23.5	1
20	16QAM	1	49	22.62	23.05	23.03		
20	16QAM	1	99	22.36	22.20	22.78		
20	16QAM	50	0	21.25	21.41	21.66	22.5	2
20	16QAM	50	24	21.25	21.45	21.64		
20	16QAM	50	50	21.23	21.45	21.66		
20	16QAM	100	0	21.25	21.36	21.74		
20	64QAM	1	0	21.15	21.18	21.36	22.5	2
20	64QAM	1	49	21.68	21.83	21.79		
20	64QAM	1	99	21.23	21.25	21.50		
20	64QAM	50	0	20.19	20.54	20.74	21.5	3
20	64QAM	50	24	20.25	20.50	20.68		
20	64QAM	50	50	20.14	20.50	20.69		
20	64QAM	100	0	20.18	20.47	20.70		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.68	22.85	22.93	24.5	0
15	QPSK	1	37	22.93	22.89	22.95		
15	QPSK	1	74	22.68	22.83	22.92		
15	QPSK	36	0	21.79	22.00	22.26	23.5	1
15	QPSK	36	20	21.83	22.06	22.29		
15	QPSK	36	39	21.80	21.99	22.31		
15	QPSK	75	0	21.80	22.03	22.28		
15	16QAM	1	0	21.96	22.14	22.29	23.5	1
15	16QAM	1	37	22.25	22.43	22.62		
15	16QAM	1	74	21.98	22.11	22.29		
15	16QAM	36	0	20.78	21.00	21.26	22.5	2
15	16QAM	36	20	20.82	21.05	21.28		
15	16QAM	36	39	20.74	20.98	21.28		
15	16QAM	75	0	20.81	21.04	21.29		
15	64QAM	1	0	20.86	21.04	21.20	22.5	2
15	64QAM	1	37	21.12	21.27	21.44		
15	64QAM	1	74	20.85	21.01	21.26		
15	64QAM	36	0	19.82	20.04	20.24	21.5	3
15	64QAM	36	20	19.87	20.09	20.26		
15	64QAM	36	39	19.78	20.03	20.23		
15	64QAM	75	0	19.80	20.04	20.20		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.72	22.92	22.92	24.5	0
10	QPSK	1	25	22.79	22.95	22.95		
10	QPSK	1	49	22.75	22.92	22.93		
10	QPSK	25	0	21.76	22.02	22.28	23.5	1
10	QPSK	25	12	21.80	21.99	22.28		
10	QPSK	25	25	21.75	22.05	22.32		
10	QPSK	50	0	21.76	22.03	22.28		
10	16QAM	1	0	22.03	22.24	22.40	23.5	1
10	16QAM	1	25	22.11	22.34	22.54		
10	16QAM	1	49	22.00	22.21	22.41		
10	16QAM	25	0	20.79	21.03	21.27	22.5	2
10	16QAM	25	12	20.82	20.99	21.29		
10	16QAM	25	25	20.77	21.06	21.33		
10	16QAM	50	0	20.76	21.04	21.28		
10	64QAM	1	0	20.87	21.08	21.34	22.5	2
10	64QAM	1	25	21.04	21.19	21.47		
10	64QAM	1	49	20.90	21.15	21.31		
10	64QAM	25	0	19.79	20.01	20.19	21.5	3
10	64QAM	25	12	19.82	20.03	20.23		
10	64QAM	25	25	19.78	20.05	20.23		
10	64QAM	50	0	19.79	20.02	20.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.62	22.81	22.93	24.5	0
5	QPSK	1	12	22.91	22.92	22.95		
5	QPSK	1	24	22.58	22.85	22.93		
5	QPSK	12	0	21.74	21.99	22.24	23.5	1
5	QPSK	12	7	21.85	22.06	22.33		
5	QPSK	12	13	21.75	21.99	22.26		
5	QPSK	25	0	21.76	22.00	22.28		
5	16QAM	1	0	21.90	22.17	22.35	23.5	1
5	16QAM	1	12	22.23	22.45	22.64		
5	16QAM	1	24	21.85	22.12	22.31		
5	16QAM	12	0	20.74	20.99	21.24	22.5	2
5	16QAM	12	7	20.82	21.05	21.31		
5	16QAM	12	13	20.73	20.98	21.22		
5	16QAM	25	0	20.74	21.00	21.28		
5	64QAM	1	0	20.83	21.04	21.27	22.5	2
5	64QAM	1	12	21.09	21.27	21.58		
5	64QAM	1	24	20.77	20.99	21.24		
5	64QAM	12	0	19.79	20.02	20.21	21.5	3
5	64QAM	12	7	19.90	20.13	20.32		
5	64QAM	12	13	19.79	20.03	20.20		
5	64QAM	25	0	19.78	20.03	20.23		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.72	22.97	22.93	24.5	0
3	QPSK	1	8	22.72	22.95	22.95		
3	QPSK	1	14	22.70	22.94	22.91		
3	QPSK	8	0	21.78	22.01	22.28	23.5	1
3	QPSK	8	4	21.81	22.06	22.34		
3	QPSK	8	7	21.81	22.03	22.28		
3	QPSK	15	0	21.77	22.03	22.28		
3	16QAM	1	0	22.02	22.28	22.48	23.5	1
3	16QAM	1	8	22.00	22.28	22.46		
3	16QAM	1	14	22.01	22.28	22.43		
3	16QAM	8	0	20.84	21.09	21.35	22.5	2
3	16QAM	8	4	20.90	21.12	21.35		
3	16QAM	8	7	20.83	21.08	21.31		
3	16QAM	15	0	20.79	21.02	21.27		
3	64QAM	1	0	20.89	21.14	21.35	22.5	2
3	64QAM	1	8	20.93	21.17	21.41		
3	64QAM	1	14	20.92	21.17	21.37		
3	64QAM	8	0	19.84	20.11	20.29	21.5	3
3	64QAM	8	4	19.87	20.14	20.31		
3	64QAM	8	7	19.86	20.11	20.26		
3	64QAM	15	0	19.80	20.06	20.23		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.66	22.89	22.90	24.5	0
1.4	QPSK	1	3	22.77	22.92	22.93		
1.4	QPSK	1	5	22.67	22.90	22.94		
1.4	QPSK	3	0	22.77	22.91	22.94		
1.4	QPSK	3	1	22.82	22.94	22.95		
1.4	QPSK	3	3	22.79	22.92	22.94		
1.4	QPSK	6	0	21.77	22.01	22.31	23.5	1
1.4	16QAM	1	0	21.90	22.21	22.38	23.5	1
1.4	16QAM	1	3	22.08	22.32	22.49		
1.4	16QAM	1	5	21.96	22.24	22.40		
1.4	16QAM	3	0	21.75	22.02	22.24		
1.4	16QAM	3	1	21.81	22.07	22.29		
1.4	16QAM	3	3	21.78	22.04	22.24		
1.4	16QAM	6	0	20.88	21.10	21.35	22.5	2
1.4	64QAM	1	0	20.88	21.12	21.35	22.5	2
1.4	64QAM	1	3	20.92	21.21	21.41		
1.4	64QAM	1	5	20.86	21.14	21.30		
1.4	64QAM	3	0	20.91	21.10	21.35		
1.4	64QAM	3	1	20.94	21.21	21.43		
1.4	64QAM	3	3	20.88	21.12	21.33		
1.4	64QAM	6	0	19.80	20.04	20.25	21.5	3

Band 2_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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.89	16.79	16.68	18	0
20	QPSK	1	49	17.15	17.27	17.18		
20	QPSK	1	99	16.69	16.62	16.73		
20	QPSK	50	0	17.08	17.20	17.17	18	0
20	QPSK	50	24	17.02	17.16	17.01		
20	QPSK	50	50	17.12	17.09	17.12		
20	QPSK	100	0	17.09	17.16	17.11		
20	16QAM	1	0	17.07	16.78	16.99	18	0
20	16QAM	1	49	17.11	16.90	17.05		
20	16QAM	1	99	16.91	16.85	16.97		
20	16QAM	50	0	17.11	17.14	17.14	18	0
20	16QAM	50	24	17.06	17.16	16.95		
20	16QAM	50	50	17.10	17.10	17.20		
20	16QAM	100	0	16.97	17.08	17.18		
20	64QAM	1	0	17.07	16.83	17.12	18	0
20	64QAM	1	49	17.00	17.02	17.01		
20	64QAM	1	99	16.75	16.84	16.62		
20	64QAM	50	0	17.19	17.13	17.13	18	0
20	64QAM	50	24	17.05	17.07	17.19		
20	64QAM	50	50	17.02	17.11	17.07		
20	64QAM	100	0	17.10	17.02	17.22		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.79	16.67	16.63	18	0
15	QPSK	1	37	17.07	17.12	17.11		
15	QPSK	1	74	16.58	16.56	16.67		
15	QPSK	36	0	16.94	17.05	17.06	18	0
15	QPSK	36	20	16.90	17.10	16.91		
15	QPSK	36	39	17.00	16.99	16.97		
15	QPSK	75	0	16.98	17.07	16.97		
15	16QAM	1	0	16.92	16.69	16.92	18	0
15	16QAM	1	37	16.98	16.78	16.95		
15	16QAM	1	74	16.85	16.74	16.90		
15	16QAM	36	0	17.03	17.02	17.01	18	0
15	16QAM	36	20	16.97	17.06	16.82		
15	16QAM	36	39	17.01	17.05	17.13		
15	16QAM	75	0	16.84	16.93	17.06		
15	64QAM	1	0	17.02	16.71	16.99	18	0
15	64QAM	1	37	16.88	16.89	16.95		
15	64QAM	1	74	16.69	16.72	16.51		
15	64QAM	36	0	17.14	16.98	17.03	18	0
15	64QAM	36	20	16.98	16.92	17.13		
15	64QAM	36	39	16.93	17.02	16.99		
15	64QAM	75	0	16.96	16.92	17.14		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.81	16.67	16.59	18	0
10	QPSK	1	25	17.05	17.15	17.11		
10	QPSK	1	49	16.58	16.52	16.62		
10	QPSK	25	0	16.95	17.11	17.08	18	0
10	QPSK	25	12	16.92	17.05	16.93		
10	QPSK	25	25	17.04	17.00	16.97		
10	QPSK	50	0	17.01	17.06	16.98		
10	16QAM	1	0	17.00	16.72	16.87	18	0
10	16QAM	1	25	16.97	16.85	16.96		
10	16QAM	1	49	16.84	16.76	16.87		
10	16QAM	25	0	17.06	17.08	17.04	18	0
10	16QAM	25	12	17.01	17.09	16.90		
10	16QAM	25	25	16.99	17.00	17.07		
10	16QAM	50	0	16.91	16.93	17.12		
10	64QAM	1	0	17.02	16.70	17.05	18	0
10	64QAM	1	25	16.88	16.95	16.89		
10	64QAM	1	49	16.66	16.70	16.48		
10	64QAM	25	0	17.07	17.06	17.02	18	0
10	64QAM	25	12	16.93	16.97	17.10		
10	64QAM	25	25	16.93	16.98	16.92		
10	64QAM	50	0	17.00	16.96	17.15		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.84	16.72	16.60	18	0
5	QPSK	1	12	17.07	17.20	17.10		
5	QPSK	1	24	16.60	16.53	16.58		
5	QPSK	12	0	17.03	17.12	17.08	18	0
5	QPSK	12	7	16.89	17.03	16.93		
5	QPSK	12	13	16.97	16.97	17.00		
5	QPSK	25	0	16.98	17.06	17.03		
5	16QAM	1	0	16.98	16.63	16.87	18	0
5	16QAM	1	12	17.04	16.76	16.93		
5	16QAM	1	24	16.86	16.73	16.92		
5	16QAM	12	0	17.03	17.09	17.00	18	0
5	16QAM	12	7	16.99	17.05	16.89		
5	16QAM	12	13	16.98	17.05	17.14		
5	16QAM	25	0	16.87	16.93	17.04		
5	64QAM	1	0	16.95	16.70	17.01	18	0
5	64QAM	1	12	16.88	16.95	16.92		
5	64QAM	1	24	16.64	16.69	16.56		
5	64QAM	12	0	17.05	16.98	16.98	18	0
5	64QAM	12	7	16.91	17.01	17.09		
5	64QAM	12	13	16.92	16.98	17.01		
5	64QAM	25	0	16.96	16.93	17.15		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.78	16.68	16.54	18	0
3	QPSK	1	8	17.03	17.17	17.13		
3	QPSK	1	14	16.54	16.56	16.67		
3	QPSK	8	0	17.03	17.11	17.08	18	0
3	QPSK	8	4	16.93	17.10	16.90		
3	QPSK	8	7	17.04	16.98	16.98		
3	QPSK	15	0	17.02	17.09	17.01		
3	16QAM	1	0	16.96	16.73	16.90	18	0
3	16QAM	1	8	17.03	16.78	16.94		
3	16QAM	1	14	16.76	16.74	16.88		
3	16QAM	8	0	17.03	17.07	17.00	18	0
3	16QAM	8	4	16.94	17.08	16.81		
3	16QAM	8	7	16.95	16.95	17.15		
3	16QAM	15	0	16.83	16.99	17.05		
3	64QAM	1	0	17.01	16.77	17.01	18	0
3	64QAM	1	8	16.87	16.93	16.92		
3	64QAM	1	14	16.64	16.79	16.49		
3	64QAM	8	0	17.05	16.98	17.05	18	0
3	64QAM	8	4	16.95	16.94	17.06		
3	64QAM	8	7	16.97	17.00	16.94		
3	64QAM	15	0	16.97	16.90	17.12		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.76	16.65	16.61	18	0
1.4	QPSK	1	3	17.04	17.14	17.10		
1.4	QPSK	1	5	16.54	16.51	16.68		
1.4	QPSK	3	0	17.03	17.07	17.10		
1.4	QPSK	3	1	16.91	17.04	16.88		
1.4	QPSK	3	3	17.05	16.97	17.05		
1.4	QPSK	6	0	17.03	17.01	16.98	17	1
1.4	16QAM	1	0	17.01	16.63	16.86	17	1
1.4	16QAM	1	3	16.96	16.80	16.98		
1.4	16QAM	1	5	16.80	16.72	16.85		
1.4	16QAM	3	0	17.02	17.04	17.05		
1.4	16QAM	3	1	16.93	17.04	16.81		
1.4	16QAM	3	3	16.97	17.04	17.09		
1.4	16QAM	6	0	16.92	16.97	17.08	16	2
1.4	64QAM	1	0	16.97	16.68	17.05	16	2
1.4	64QAM	1	3	16.91	16.91	16.92		
1.4	64QAM	1	5	16.67	16.79	16.55		
1.4	64QAM	3	0	17.11	17.08	17.01		
1.4	64QAM	3	1	16.97	16.99	17.10		
1.4	64QAM	3	3	16.93	17.01	16.98		
1.4	64QAM	6	0	17.00	16.96	17.16	15	3

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	22.87	23.21	23.06	24.5	0
20	QPSK	1	49	23.13	23.24	23.14		
20	QPSK	1	99	22.78	22.97	22.89		
20	QPSK	50	0	22.17	22.25	22.24	23.5	1
20	QPSK	50	24	22.14	22.24	22.23		
20	QPSK	50	50	22.22	22.18	22.13		
20	QPSK	100	0	22.13	22.24	22.21		
20	16QAM	1	0	22.46	22.56	22.45	23.5	1
20	16QAM	1	49	22.40	22.49	22.81		
20	16QAM	1	99	21.77	22.05	21.89		
20	16QAM	50	0	21.28	21.26	21.32	22.5	2
20	16QAM	50	24	21.31	21.23	21.28		
20	16QAM	50	50	21.25	21.19	21.24		
20	16QAM	100	0	21.19	21.15	21.27		
20	64QAM	1	0	21.22	21.05	21.08	22.5	2
20	64QAM	1	49	21.10	21.59	21.69		
20	64QAM	1	99	21.20	21.16	21.25		
20	64QAM	50	0	20.21	20.14	20.23	21.5	3
20	64QAM	50	24	20.11	20.25	20.25		
20	64QAM	50	50	20.19	20.22	20.09		
20	64QAM	100	0	20.17	20.14	20.21		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.06	23.15	23.20	24.5	0
15	QPSK	1	37	23.13	23.16	23.16		
15	QPSK	1	74	23.11	23.05	23.06		
15	QPSK	36	0	22.07	22.14	22.22	23.5	1
15	QPSK	36	20	22.07	22.22	22.22		
15	QPSK	36	39	22.19	22.24	22.16		
15	QPSK	75	0	22.13	22.13	22.17		
15	16QAM	1	0	22.24	22.38	22.41	23.5	1
15	16QAM	1	37	22.58	22.35	22.65		
15	16QAM	1	74	22.18	22.11	22.55		
15	16QAM	36	0	21.21	21.19	21.33	22.5	2
15	16QAM	36	20	21.12	21.19	21.26		
15	16QAM	36	39	21.18	21.12	21.19		
15	16QAM	75	0	21.12	21.31	21.24		
15	64QAM	1	0	21.31	21.48	21.03	22.5	2
15	64QAM	1	37	21.53	21.61	21.61		
15	64QAM	1	74	21.28	21.21	21.29		
15	64QAM	36	0	20.17	20.29	20.18	21.5	3
15	64QAM	36	20	20.15	20.24	20.25		
15	64QAM	36	39	20.11	20.26	20.18		
15	64QAM	75	0	20.09	20.13	20.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.97	23.16	23.16	24.5	0
10	QPSK	1	25	23.20	23.18	23.18		
10	QPSK	1	49	23.03	23.01	23.14		
10	QPSK	25	0	22.24	22.25	22.25	23.5	1
10	QPSK	25	12	22.19	22.27	22.29		
10	QPSK	25	25	22.22	22.25	22.21		
10	QPSK	50	0	22.21	22.27	22.15		
10	16QAM	1	0	22.19	22.24	22.46	23.5	1
10	16QAM	1	25	22.75	22.66	22.59		
10	16QAM	1	49	22.18	22.35	22.48		
10	16QAM	25	0	21.21	21.32	21.20	22.5	2
10	16QAM	25	12	21.25	21.24	21.24		
10	16QAM	25	25	21.25	21.22	21.26		
10	16QAM	50	0	21.25	21.25	21.29		
10	64QAM	1	0	21.47	21.38	21.70	22.5	2
10	64QAM	1	25	21.50	21.39	21.68		
10	64QAM	1	49	21.42	21.08	21.10		
10	64QAM	25	0	20.12	20.14	20.30	21.5	3
10	64QAM	25	12	20.22	20.29	20.20		
10	64QAM	25	25	20.07	20.18	20.32		
10	64QAM	50	0	20.04	20.23	20.25		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.01	23.11	23.09	24.5	0
5	QPSK	1	12	23.18	23.13	23.19		
5	QPSK	1	24	23.04	23.02	23.03		
5	QPSK	12	0	22.08	22.21	22.21	23.5	1
5	QPSK	12	7	22.13	22.29	22.26		
5	QPSK	12	13	22.07	22.12	22.14		
5	QPSK	25	0	22.13	22.10	22.25		
5	16QAM	1	0	22.21	22.14	22.57	23.5	1
5	16QAM	1	12	22.54	22.30	22.28		
5	16QAM	1	24	22.16	22.29	22.23		
5	16QAM	12	0	21.15	21.18	21.27	22.5	2
5	16QAM	12	7	21.25	21.36	21.25		
5	16QAM	12	13	21.11	21.10	21.07		
5	16QAM	25	0	21.08	21.22	21.15		
5	64QAM	1	0	21.40	21.40	21.35	22.5	2
5	64QAM	1	12	21.20	21.74	21.63		
5	64QAM	1	24	21.22	21.25	21.29		
5	64QAM	12	0	20.02	20.19	20.16	21.5	3
5	64QAM	12	7	20.29	20.37	20.40		
5	64QAM	12	13	20.06	20.19	20.15		
5	64QAM	25	0	20.07	20.24	20.23		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.99	23.17	23.20	24.5	0
3	QPSK	1	8	23.16	23.19	23.17		
3	QPSK	1	14	23.06	23.15	23.17		
3	QPSK	8	0	22.14	22.20	22.29	23.5	1
3	QPSK	8	4	22.22	22.22	22.24		
3	QPSK	8	7	22.12	22.23	22.19		
3	QPSK	15	0	22.03	22.14	22.29		
3	16QAM	1	0	22.05	22.31	22.29	23.5	1
3	16QAM	1	8	22.53	22.39	22.67		
3	16QAM	1	14	22.34	22.58	22.57		
3	16QAM	8	0	21.17	21.20	21.36	22.5	2
3	16QAM	8	4	21.29	21.26	21.42		
3	16QAM	8	7	21.29	21.32	21.20		
3	16QAM	15	0	21.18	21.22	21.22		
3	64QAM	1	0	21.17	21.16	21.46	22.5	2
3	64QAM	1	8	20.98	21.23	21.54		
3	64QAM	1	14	21.55	21.30	21.18		
3	64QAM	8	0	20.23	20.21	20.27	21.5	3
3	64QAM	8	4	20.22	20.16	20.40		
3	64QAM	8	7	20.23	20.34	20.29		
3	64QAM	15	0	20.20	20.30	20.21		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.09	23.12	23.14	24.5	0
1.4	QPSK	1	3	23.17	23.18	23.18		
1.4	QPSK	1	5	23.01	23.14	23.15		
1.4	QPSK	3	0	23.16	23.18	23.20		
1.4	QPSK	3	1	23.19	23.19	23.19		
1.4	QPSK	3	3	23.15	23.17	23.16		
1.4	QPSK	6	0	22.05	22.25	22.27	23.5	1
1.4	16QAM	1	0	22.03	22.30	22.60	23.5	1
1.4	16QAM	1	3	22.70	22.60	22.52		
1.4	16QAM	1	5	22.02	22.33	22.39		
1.4	16QAM	3	0	22.09	22.25	22.33		
1.4	16QAM	3	1	22.06	22.29	22.35		
1.4	16QAM	3	3	22.10	22.22	22.27		
1.4	16QAM	6	0	21.45	21.50	21.44	22.5	2
1.4	64QAM	1	0	21.38	21.28	21.47	22.5	2
1.4	64QAM	1	3	21.08	21.64	21.54		
1.4	64QAM	1	5	20.91	21.25	21.40		
1.4	64QAM	3	0	21.37	21.36	21.16		
1.4	64QAM	3	1	21.35	21.56	21.44		
1.4	64QAM	3	3	21.31	21.46	21.40		
1.4	64QAM	6	0	20.11	20.26	20.36	21.5	3

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	17.70	17.76	17.84	19	0
20	QPSK	1	49	17.99	18.13	18.06		
20	QPSK	1	99	17.54	17.61	17.56		
20	QPSK	50	0	18.02	18.10	18.05	19	0
20	QPSK	50	24	17.93	18.03	18.05		
20	QPSK	50	50	17.95	17.87	17.90		
20	QPSK	100	0	17.96	17.98	17.94		
20	16QAM	1	0	18.08	17.80	18.00	19	0
20	16QAM	1	49	18.10	18.10	18.04		
20	16QAM	1	99	17.75	17.83	17.93		
20	16QAM	50	0	17.92	18.01	18.08	19	0
20	16QAM	50	24	17.94	17.92	17.98		
20	16QAM	50	50	17.86	17.90	17.83		
20	16QAM	100	0	17.87	17.95	17.89		
20	64QAM	1	0	17.86	17.96	17.57	19	0
20	64QAM	1	49	18.09	18.05	18.11		
20	64QAM	1	99	17.72	17.84	17.71		
20	64QAM	50	0	17.98	18.06	18.06	19	0
20	64QAM	50	24	17.99	18.00	18.03		
20	64QAM	50	50	18.04	17.91	17.87		
20	64QAM	100	0	17.97	17.92	18.01		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.60	17.65	17.77	19	0
15	QPSK	1	37	17.86	18.07	17.98		
15	QPSK	1	74	17.42	17.47	17.46		
15	QPSK	36	0	17.93	17.96	17.90	19	0
15	QPSK	36	20	17.84	17.94	17.91		
15	QPSK	36	39	17.87	17.79	17.83		
15	QPSK	75	0	17.85	17.92	17.88		
15	16QAM	1	0	18.02	17.66	17.95	19	0
15	16QAM	1	37	18.00	18.02	17.89		
15	16QAM	1	74	17.67	17.78	17.85		
15	16QAM	36	0	17.84	17.94	17.98	19	0
15	16QAM	36	20	17.88	17.79	17.89		
15	16QAM	36	39	17.77	17.80	17.75		
15	16QAM	75	0	17.78	17.84	17.83		
15	64QAM	1	0	17.75	17.89	17.43	19	0
15	64QAM	1	37	17.95	17.95	17.99		
15	64QAM	1	74	17.61	17.70	17.57		
15	64QAM	36	0	17.92	17.93	17.94	19	0
15	64QAM	36	20	17.92	17.92	17.93		
15	64QAM	36	39	17.96	17.83	17.77		
15	64QAM	75	0	17.86	17.77	17.94		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.59	17.70	17.71	19	0
10	QPSK	1	25	17.84	18.01	17.96		
10	QPSK	1	49	17.45	17.48	17.45		
10	QPSK	25	0	17.87	17.96	17.90	19	0
10	QPSK	25	12	17.85	17.91	17.90		
10	QPSK	25	25	17.80	17.73	17.82		
10	QPSK	50	0	17.89	17.88	17.87		
10	16QAM	1	0	17.98	17.75	17.95	19	0
10	16QAM	1	25	18.03	18.00	17.92		
10	16QAM	1	49	17.60	17.70	17.79		
10	16QAM	25	0	17.82	17.93	18.02	19	0
10	16QAM	25	12	17.84	17.82	17.87		
10	16QAM	25	25	17.76	17.79	17.75		
10	16QAM	50	0	17.75	17.90	17.74		
10	64QAM	1	0	17.80	17.81	17.46	19	0
10	64QAM	1	25	17.98	17.97	18.00		
10	64QAM	1	49	17.62	17.75	17.59		
10	64QAM	25	0	17.85	17.91	17.92	19	0
10	64QAM	25	12	17.92	17.87	17.88		
10	64QAM	25	25	17.97	17.83	17.76		
10	64QAM	50	0	17.86	17.83	17.93		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.61	17.68	17.70	19	0
5	QPSK	1	12	17.86	17.98	17.92		
5	QPSK	1	24	17.44	17.51	17.41		
5	QPSK	12	0	17.95	17.98	17.96	19	0
5	QPSK	12	7	17.82	17.97	17.91		
5	QPSK	12	13	17.80	17.80	17.85		
5	QPSK	25	0	17.83	17.83	17.85		
5	16QAM	1	0	18.03	17.73	17.87	19	0
5	16QAM	1	12	18.04	18.05	17.92		
5	16QAM	1	24	17.61	17.69	17.79		
5	16QAM	12	0	17.81	17.86	17.95	19	0
5	16QAM	12	7	17.83	17.77	17.89		
5	16QAM	12	13	17.76	17.78	17.71		
5	16QAM	25	0	17.76	17.86	17.83		
5	64QAM	1	0	17.76	17.81	17.44	19	0
5	64QAM	1	12	18.00	17.94	18.00		
5	64QAM	1	24	17.66	17.76	17.62		
5	64QAM	12	0	17.90	17.97	17.91	19	0
5	64QAM	12	7	17.92	17.86	17.88		
5	64QAM	12	13	17.95	17.81	17.72		
5	64QAM	25	0	17.83	17.87	17.90		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.62	17.61	17.72	19	0
3	QPSK	1	8	17.92	18.04	17.95		
3	QPSK	1	14	17.48	17.56	17.41		
3	QPSK	8	0	17.97	17.97	17.99	19	0
3	QPSK	8	4	17.79	17.96	17.98		
3	QPSK	8	7	17.81	17.76	17.77		
3	QPSK	15	0	17.86	17.83	17.89		
3	16QAM	1	0	18.03	17.65	17.95	19	0
3	16QAM	1	8	17.99	18.04	17.95		
3	16QAM	1	14	17.67	17.70	17.87		
3	16QAM	8	0	17.87	17.95	18.01	19	0
3	16QAM	8	4	17.87	17.86	17.93		
3	16QAM	8	7	17.77	17.81	17.73		
3	16QAM	15	0	17.81	17.85	17.81		
3	64QAM	1	0	17.74	17.86	17.48	19	0
3	64QAM	1	8	17.94	17.96	18.03		
3	64QAM	1	14	17.59	17.78	17.65		
3	64QAM	8	0	17.83	18.00	18.01	19	0
3	64QAM	8	4	17.89	17.95	17.94		
3	64QAM	8	7	17.94	17.76	17.79		
3	64QAM	15	0	17.87	17.81	17.93		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.59	17.67	17.78	19	0
1.4	QPSK	1	3	17.94	18.04	17.99		
1.4	QPSK	1	5	17.49	17.50	17.48		
1.4	QPSK	3	0	17.96	17.97	17.96		
1.4	QPSK	3	1	17.78	17.98	17.98		
1.4	QPSK	3	3	17.86	17.75	17.83		
1.4	QPSK	6	0	17.81	17.83	17.80	18	1
1.4	16QAM	1	0	18.01	17.75	17.93	18	1
1.4	16QAM	1	3	18.04	17.98	17.99		
1.4	16QAM	1	5	17.65	17.76	17.85		
1.4	16QAM	3	0	17.81	17.92	18.01		
1.4	16QAM	3	1	17.89	17.84	17.90		
1.4	16QAM	3	3	17.73	17.77	17.74		
1.4	16QAM	6	0	17.81	17.88	17.79	17	2
1.4	64QAM	1	0	17.71	17.87	17.42	17	2
1.4	64QAM	1	3	18.01	17.93	17.97		
1.4	64QAM	1	5	17.64	17.74	17.64		
1.4	64QAM	3	0	17.87	17.95	17.91		
1.4	64QAM	3	1	17.84	17.86	17.94		
1.4	64QAM	3	3	17.89	17.78	17.80		
1.4	64QAM	6	0	17.91	17.77	17.87	16	3

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	23.75	23.84	23.72	25	0
10	QPSK	1	25	23.83	23.88	23.79		
10	QPSK	1	49	23.71	23.69	23.68		
10	QPSK	25	0	22.84	22.88	22.80	24	1
10	QPSK	25	12	22.85	22.77	22.81		
10	QPSK	25	25	22.84	22.82	22.72		
10	QPSK	50	0	22.84	22.86	22.79		
10	16QAM	1	0	22.98	22.90	22.94	24	1
10	16QAM	1	25	23.04	22.99	22.94		
10	16QAM	1	49	22.89	22.94	22.82		
10	16QAM	25	0	21.84	21.80	21.79	23	2
10	16QAM	25	12	21.82	21.76	21.79		
10	16QAM	25	25	21.80	21.78	21.66		
10	16QAM	50	0	21.83	21.80	21.73		
10	64QAM	1	0	21.85	21.83	21.86	23	2
10	64QAM	1	25	21.97	21.96	21.87		
10	64QAM	1	49	21.82	21.84	21.79		
10	64QAM	25	0	20.88	20.86	20.83	22	3
10	64QAM	25	12	20.85	20.78	20.84		
10	64QAM	25	25	20.81	20.84	20.71		
10	64QAM	50	0	20.86	20.82	20.76		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.67	23.60	23.58	25	0
5	QPSK	1	12	23.82	23.83	23.81		
5	QPSK	1	24	23.65	23.56	23.59		
5	QPSK	12	0	22.80	22.74	22.73	24	1
5	QPSK	12	7	22.85	22.80	22.79		
5	QPSK	12	13	22.75	22.74	22.65		
5	QPSK	25	0	22.80	22.77	22.72		
5	16QAM	1	0	22.88	22.85	22.77	24	1
5	16QAM	1	12	23.09	23.05	23.08		
5	16QAM	1	24	22.85	22.80	22.71		
5	16QAM	12	0	21.73	21.68	21.70	23	2
5	16QAM	12	7	21.80	21.75	21.73		
5	16QAM	12	13	21.72	21.72	21.60		
5	16QAM	25	0	21.76	21.72	21.69		
5	64QAM	1	0	21.81	21.73	21.74	23	2
5	64QAM	1	12	22.04	22.01	21.98		
5	64QAM	1	24	21.76	21.72	21.67		
5	64QAM	12	0	20.81	20.74	20.77	22	3
5	64QAM	12	7	20.87	20.82	20.79		
5	64QAM	12	13	20.77	20.74	20.67		
5	64QAM	25	0	20.80	20.75	20.71		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.76	23.67	23.68	25	0
3	QPSK	1	8	23.73	23.69	23.69		
3	QPSK	1	14	23.72	23.69	23.68		
3	QPSK	8	0	22.81	22.71	22.72	24	1
3	QPSK	8	4	22.83	22.78	22.77		
3	QPSK	8	7	22.78	22.73	22.70		
3	QPSK	15	0	22.81	22.76	22.74		
3	16QAM	1	0	22.93	22.89	22.83	24	1
3	16QAM	1	8	22.93	22.89	22.81		
3	16QAM	1	14	22.93	22.89	22.83		
3	16QAM	8	0	21.83	21.75	21.75	23	2
3	16QAM	8	4	21.85	21.81	21.77		
3	16QAM	8	7	21.80	21.78	21.71		
3	16QAM	15	0	21.79	21.75	21.72		
3	64QAM	1	0	21.88	21.80	21.81	23	2
3	64QAM	1	8	21.89	21.83	21.78		
3	64QAM	1	14	21.83	21.88	21.80		
3	64QAM	8	0	20.85	20.78	20.82	22	3
3	64QAM	8	4	20.87	20.82	20.83		
3	64QAM	8	7	20.80	20.83	20.73		
3	64QAM	15	0	20.81	20.75	20.74		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.71	23.64	23.62	25	0
1.4	QPSK	1	3	23.82	23.74	23.76		
1.4	QPSK	1	5	23.72	23.62	23.66		
1.4	QPSK	3	0	23.83	23.74	23.76		
1.4	QPSK	3	1	23.81	23.78	23.80		
1.4	QPSK	3	3	23.82	23.74	23.73		
1.4	QPSK	6	0	22.86	22.76	22.77	24	1
1.4	16QAM	1	0	22.93	22.83	22.80	24	1
1.4	16QAM	1	3	23.02	22.98	22.92		
1.4	16QAM	1	5	22.94	22.81	22.77		
1.4	16QAM	3	0	22.78	22.70	22.67		
1.4	16QAM	3	1	22.82	22.74	22.71		
1.4	16QAM	3	3	22.76	22.71	22.63		
1.4	16QAM	6	0	21.86	21.79	21.78	23	2
1.4	64QAM	1	0	21.88	21.77	21.75	23	2
1.4	64QAM	1	3	21.96	21.85	21.85		
1.4	64QAM	1	5	21.88	21.78	21.72		
1.4	64QAM	3	0	21.91	21.80	21.80		
1.4	64QAM	3	1	21.90	21.87	21.86		
1.4	64QAM	3	3	21.87	21.83	21.78		
1.4	64QAM	6	0	20.82	20.72	20.75	22	3

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	21.25	21.25	21.26	22.5	0
10	QPSK	1	25	21.37	21.39	21.28		
10	QPSK	1	49	21.19	21.24	21.13		
10	QPSK	25	0	21.26	21.30	21.21	22.5	0
10	QPSK	25	12	21.21	21.28	21.25		
10	QPSK	25	25	21.29	21.22	21.24		
10	QPSK	50	0	21.34	21.35	21.21		
10	16QAM	1	0	21.30	21.13	21.30	22.5	0
10	16QAM	1	25	21.25	21.28	21.22		
10	16QAM	1	49	21.30	21.30	21.19		
10	16QAM	25	0	21.28	21.36	21.20	22.5	0
10	16QAM	25	12	21.33	21.32	21.29		
10	16QAM	25	25	21.26	21.24	21.12		
10	16QAM	50	0	21.21	21.29	21.29		
10	64QAM	1	0	21.33	21.28	21.25	22.5	0
10	64QAM	1	25	21.29	21.35	21.22		
10	64QAM	1	49	21.12	21.31	21.30		
10	64QAM	25	0	20.89	20.78	20.85	22	0.5
10	64QAM	25	12	20.95	20.73	20.86		
10	64QAM	25	25	20.75	20.72	20.61		
10	64QAM	50	0	20.90	20.84	20.72		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.10	21.13	21.11	22.5	0
5	QPSK	1	12	21.24	21.32	21.13		
5	QPSK	1	24	21.07	21.11	21.00		
5	QPSK	12	0	21.16	21.25	21.15	22.5	0
5	QPSK	12	7	21.09	21.14	21.16		
5	QPSK	12	13	21.23	21.08	21.13		
5	QPSK	25	0	21.29	21.28	21.13		
5	16QAM	1	0	21.25	21.05	21.15	22.5	0
5	16QAM	1	12	21.18	21.13	21.13		
5	16QAM	1	24	21.16	21.15	21.04		
5	16QAM	12	0	21.16	21.26	21.15	22.5	0
5	16QAM	12	7	21.19	21.26	21.19		
5	16QAM	12	13	21.14	21.10	21.03		
5	16QAM	25	0	21.16	21.19	21.20		
5	64QAM	1	0	21.22	21.22	21.13	22.5	0
5	64QAM	1	12	21.23	21.26	21.07		
5	64QAM	1	24	20.97	21.22	21.15		
5	64QAM	12	0	20.79	20.66	20.70	22	0.5
5	64QAM	12	7	20.88	20.65	20.71		
5	64QAM	12	13	20.70	20.67	20.56		
5	64QAM	25	0	20.75	20.77	20.62		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.11	21.16	21.21	22.5	0
3	QPSK	1	8	21.25	21.24	21.13		
3	QPSK	1	14	21.05	21.16	21.08		
3	QPSK	8	0	21.12	21.25	21.08	22.5	0
3	QPSK	8	4	21.10	21.23	21.19		
3	QPSK	8	7	21.23	21.08	21.13		
3	QPSK	15	0	21.27	21.21	21.07		
3	16QAM	1	0	21.24	21.05	21.15	22.5	0
3	16QAM	1	8	21.20	21.18	21.11		
3	16QAM	1	14	21.23	21.15	21.09		
3	16QAM	8	0	21.13	21.23	21.10	22.5	0
3	16QAM	8	4	21.28	21.27	21.23		
3	16QAM	8	7	21.21	21.09	20.97		
3	16QAM	15	0	21.14	21.23	21.16		
3	64QAM	1	0	21.25	21.15	21.20	22.5	0
3	64QAM	1	8	21.24	21.22	21.15		
3	64QAM	1	14	21.03	21.18	21.23		
3	64QAM	8	0	20.84	20.70	20.78	22	0.5
3	64QAM	8	4	20.80	20.62	20.71		
3	64QAM	8	7	20.70	20.66	20.47		
3	64QAM	15	0	20.78	20.73	20.60		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.17	21.14	21.14	22.5	0
1.4	QPSK	1	3	21.25	21.24	21.14		
1.4	QPSK	1	5	21.06	21.16	21.04		
1.4	QPSK	3	0	21.21	21.24	21.15		
1.4	QPSK	3	1	21.15	21.18	21.11		
1.4	QPSK	3	3	21.14	21.15	21.16		
1.4	QPSK	6	0	21.26	21.25	21.06	22.5	0
1.4	16QAM	1	0	21.23	20.99	21.18	22.5	0
1.4	16QAM	1	3	21.18	21.14	21.10		
1.4	16QAM	1	5	21.19	21.21	21.08		
1.4	16QAM	3	0	21.22	21.27	21.08		
1.4	16QAM	3	1	21.27	21.26	21.15		
1.4	16QAM	3	3	21.16	21.14	21.01		
1.4	16QAM	6	0	21.16	21.19	21.18	22.5	0
1.4	64QAM	1	0	21.23	21.14	21.13	22.5	0
1.4	64QAM	1	3	21.18	21.24	21.09		
1.4	64QAM	1	5	21.02	21.22	21.24		
1.4	64QAM	3	0	20.74	20.63	20.75		
1.4	64QAM	3	1	20.90	20.58	20.75		
1.4	64QAM	3	3	20.69	20.65	20.53		
1.4	64QAM	6	0	20.77	20.74	20.57	22	0.5

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	23.02	23.29	22.90	24.5	0
20	QPSK	1	49	23.25	23.37	23.28		
20	QPSK	1	99	22.93	22.99	23.14		
20	QPSK	50	0	22.23	22.36	22.29	23.5	1
20	QPSK	50	24	22.32	22.22	22.32		
20	QPSK	50	50	22.31	22.28	22.31		
20	QPSK	100	0	22.23	22.32	22.31		
20	16QAM	1	0	22.29	22.22	22.12	23.5	1
20	16QAM	1	49	22.59	22.56	22.63		
20	16QAM	1	99	22.22	22.29	22.43		
20	16QAM	50	0	21.22	21.27	21.27	22.5	2
20	16QAM	50	24	21.28	21.28	21.31		
20	16QAM	50	50	21.29	21.27	21.32		
20	16QAM	100	0	21.23	21.27	21.32		
20	64QAM	1	0	21.21	21.05	21.07	22.5	2
20	64QAM	1	49	21.50	21.45	21.51		
20	64QAM	1	99	21.16	21.14	21.30		
20	64QAM	50	0	20.25	20.25	20.29	21.5	3
20	64QAM	50	24	20.30	20.28	20.31		
20	64QAM	50	50	20.29	20.28	20.33		
20	64QAM	100	0	20.24	20.30	20.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.25	23.28	23.12	24.5	0
15	QPSK	1	37	23.28	23.27	23.22		
15	QPSK	1	74	23.28	23.25	23.27		
15	QPSK	36	0	22.32	22.31	22.36	23.5	1
15	QPSK	36	20	22.37	22.33	22.41		
15	QPSK	36	39	22.35	22.31	22.46		
15	QPSK	75	0	22.41	22.36	22.37		
15	16QAM	1	0	22.53	22.34	22.29	23.5	1
15	16QAM	1	37	22.85	22.51	22.41		
15	16QAM	1	74	22.39	22.65	22.37		
15	16QAM	36	0	21.30	21.40	21.26	22.5	2
15	16QAM	36	20	21.43	21.34	21.40		
15	16QAM	36	39	21.31	21.30	21.39		
15	16QAM	75	0	21.31	21.32	21.42		
15	64QAM	1	0	21.55	21.50	21.41	22.5	2
15	64QAM	1	37	21.90	21.14	21.95		
15	64QAM	1	74	21.57	21.45	21.68		
15	64QAM	36	0	20.41	20.33	20.35	21.5	3
15	64QAM	36	20	20.45	20.44	20.39		
15	64QAM	36	39	20.45	20.40	20.44		
15	64QAM	75	0	20.43	20.30	20.40		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.24	23.28	23.25	24.5	0
10	QPSK	1	25	23.27	23.22	23.26		
10	QPSK	1	49	23.25	23.12	23.24		
10	QPSK	25	0	22.37	22.36	22.40	23.5	1
10	QPSK	25	12	22.35	22.32	22.41		
10	QPSK	25	25	22.37	22.34	22.45		
10	QPSK	50	0	22.53	22.32	22.49		
10	16QAM	1	0	22.55	22.43	22.66	23.5	1
10	16QAM	1	25	22.59	22.49	22.65		
10	16QAM	1	49	22.33	22.72	22.59		
10	16QAM	25	0	21.44	21.39	21.47	22.5	2
10	16QAM	25	12	21.46	21.29	21.40		
10	16QAM	25	25	21.47	21.25	21.41		
10	16QAM	50	0	21.43	21.40	21.42		
10	64QAM	1	0	21.43	21.53	21.52	22.5	2
10	64QAM	1	25	21.35	21.12	21.53		
10	64QAM	1	49	21.51	21.29	21.58		
10	64QAM	25	0	20.40	20.30	20.44	21.5	3
10	64QAM	25	12	20.50	20.37	20.41		
10	64QAM	25	25	20.35	20.33	20.47		
10	64QAM	50	0	20.39	20.32	20.41		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.24	23.23	23.27	24.5	0
5	QPSK	1	12	23.27	23.23	23.26		
5	QPSK	1	24	23.21	23.15	23.26		
5	QPSK	12	0	22.38	22.21	22.50	23.5	1
5	QPSK	12	7	22.44	22.28	22.50		
5	QPSK	12	13	22.40	22.27	22.45		
5	QPSK	25	0	22.36	22.22	22.45		
5	16QAM	1	0	22.37	22.34	22.41	23.5	1
5	16QAM	1	12	22.96	22.11	22.75		
5	16QAM	1	24	22.66	22.29	22.38		
5	16QAM	12	0	21.30	21.38	21.42	22.5	2
5	16QAM	12	7	21.43	21.29	21.48		
5	16QAM	12	13	21.43	21.30	21.44		
5	16QAM	25	0	21.51	21.27	21.43		
5	64QAM	1	0	21.61	21.48	21.57	22.5	2
5	64QAM	1	12	21.95	21.55	21.90		
5	64QAM	1	24	21.44	21.15	21.61		
5	64QAM	12	0	20.39	20.25	20.45	21.5	3
5	64QAM	12	7	20.44	20.38	20.50		
5	64QAM	12	13	20.39	20.31	20.41		
5	64QAM	25	0	20.26	20.23	20.47		

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	16.94	16.87	16.70	18.5	0
20	QPSK	1	49	17.22	17.29	17.24		
20	QPSK	1	99	16.87	16.96	17.25		
20	QPSK	50	0	17.16	17.25	17.22	18.5	0
20	QPSK	50	24	17.19	17.20	17.24		
20	QPSK	50	50	17.13	17.23	17.16		
20	QPSK	100	0	17.10	17.23	17.21		
20	16QAM	1	0	16.88	17.01	16.83	18.5	0
20	16QAM	1	49	17.01	17.20	17.02		
20	16QAM	1	99	17.04	16.94	17.14		
20	16QAM	50	0	17.05	16.94	16.98	18.5	0
20	16QAM	50	24	17.19	17.17	17.04		
20	16QAM	50	50	16.93	17.01	17.04		
20	16QAM	100	0	17.09	16.96	16.95		
20	64QAM	1	0	17.05	16.87	16.86	18.5	0
20	64QAM	1	49	17.12	17.05	17.14		
20	64QAM	1	99	17.05	16.88	16.97		
20	64QAM	50	0	17.18	17.14	16.93	18.5	0
20	64QAM	50	24	17.11	17.10	17.18		
20	64QAM	50	50	17.17	16.90	17.02		
20	64QAM	100	0	17.18	17.13	16.98		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.89	16.75	16.55	18.5	0
15	QPSK	1	37	17.08	17.17	17.12		
15	QPSK	1	74	16.82	16.81	17.10		
15	QPSK	36	0	17.04	17.19	17.13	18.5	0
15	QPSK	36	20	17.06	17.13	17.10		
15	QPSK	36	39	17.00	17.08	17.07		
15	QPSK	75	0	17.04	17.16	17.14		
15	16QAM	1	0	16.79	16.87	16.74	18.5	0
15	16QAM	1	37	16.86	17.12	16.93		
15	16QAM	1	74	16.93	16.88	17.03		
15	16QAM	36	0	16.98	16.87	16.87	18.5	0
15	16QAM	36	20	17.14	17.09	16.90		
15	16QAM	36	39	16.86	16.94	16.99		
15	16QAM	75	0	17.03	16.84	16.82		
15	64QAM	1	0	16.98	16.79	16.81	18.5	0
15	64QAM	1	37	16.99	16.98	17.05		
15	64QAM	1	74	17.00	16.78	16.86		
15	64QAM	36	0	17.06	17.00	16.82	18.5	0
15	64QAM	36	20	17.03	16.99	17.08		
15	64QAM	36	39	17.03	16.77	16.96		
15	64QAM	75	0	17.09	17.00	16.88		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.82	16.77	16.58	18.5	0
10	QPSK	1	25	17.08	17.24	17.19		
10	QPSK	1	49	16.80	16.81	17.15		
10	QPSK	25	0	17.11	17.17	17.09	18.5	0
10	QPSK	25	12	17.06	17.09	17.17		
10	QPSK	25	25	17.02	17.10	17.02		
10	QPSK	50	0	17.03	17.17	17.08		
10	16QAM	1	0	16.74	16.86	16.73	18.5	0
10	16QAM	1	25	16.93	17.07	16.91		
10	16QAM	1	49	16.96	16.81	17.08		
10	16QAM	25	0	16.93	16.86	16.85	18.5	0
10	16QAM	25	12	17.12	17.11	16.96		
10	16QAM	25	25	16.79	16.89	16.93		
10	16QAM	50	0	17.03	16.90	16.87		
10	64QAM	1	0	16.98	16.78	16.78	18.5	0
10	64QAM	1	25	17.04	16.97	17.01		
10	64QAM	1	49	16.91	16.74	16.83		
10	64QAM	25	0	17.09	17.04	16.88	18.5	0
10	64QAM	25	12	17.01	16.99	17.04		
10	64QAM	25	25	17.06	16.76	16.97		
10	64QAM	50	0	17.03	17.01	16.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.87	16.75	16.55	18.5	0
5	QPSK	1	12	17.07	17.22	17.19		
5	QPSK	1	24	16.78	16.90	17.14		
5	QPSK	12	0	17.07	17.15	17.15	18.5	0
5	QPSK	12	7	17.06	17.13	17.19		
5	QPSK	12	13	17.08	17.13	17.01		
5	QPSK	25	0	17.02	17.09	17.12		
5	16QAM	1	0	16.79	16.86	16.70	18.5	0
5	16QAM	1	12	16.90	17.07	16.91		
5	16QAM	1	24	16.93	16.82	17.01		
5	16QAM	12	0	16.98	16.84	16.92	18.5	0
5	16QAM	12	7	17.12	17.03	16.98		
5	16QAM	12	13	16.86	16.89	16.90		
5	16QAM	25	0	16.96	16.86	16.80		
5	64QAM	1	0	16.96	16.80	16.80	18.5	0
5	64QAM	1	12	17.02	16.99	17.01		
5	64QAM	1	24	16.94	16.76	16.90		
5	64QAM	12	0	17.04	17.05	16.87	18.5	0
5	64QAM	12	7	17.05	17.02	17.04		
5	64QAM	12	13	17.12	16.83	16.92		
5	64QAM	25	0	17.03	16.98	16.84		

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		23.67		25	0
10	QPSK	1	25		23.71			
10	QPSK	1	49		23.44			
10	QPSK	25	0		22.61		24	1
10	QPSK	25	12		22.55			
10	QPSK	25	25		22.47			
10	QPSK	50	0		22.55			
10	16QAM	1	0		22.76		24	1
10	16QAM	1	25		22.93			
10	16QAM	1	49		22.66			
10	16QAM	25	0		21.58		23	2
10	16QAM	25	12		21.61			
10	16QAM	25	25		21.60			
10	16QAM	50	0		21.61			
10	64QAM	1	0		21.58		23	2
10	64QAM	1	25		21.90			
10	64QAM	1	49		21.81			
10	64QAM	25	0		20.57		22	3
10	64QAM	25	12		20.65			
10	64QAM	25	25		20.61			
10	64QAM	50	0		20.49			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.39	23.49	23.35	25	0
5	QPSK	1	12	23.47	23.44	23.48		
5	QPSK	1	24	23.36	23.31	23.16		
5	QPSK	12	0	22.50	22.59	22.57	24	1
5	QPSK	12	7	22.57	22.64	22.61		
5	QPSK	12	13	22.59	22.51	22.53		
5	QPSK	25	0	22.56	22.57	22.55		
5	16QAM	1	0	22.91	22.52	22.62	24	1
5	16QAM	1	12	22.94	23.00	23.15		
5	16QAM	1	24	22.84	22.62	22.45		
5	16QAM	12	0	21.39	21.55	21.45	23	2
5	16QAM	12	7	21.56	21.50	21.39		
5	16QAM	12	13	21.50	21.42	21.47		
5	16QAM	25	0	21.39	21.42	21.54		
5	64QAM	1	0	21.43	21.56	21.23	23	2
5	64QAM	1	12	22.02	21.96	21.64		
5	64QAM	1	24	21.65	21.66	21.42		
5	64QAM	12	0	20.50	20.61	20.46	22	3
5	64QAM	12	7	20.66	20.61	20.58		
5	64QAM	12	13	20.53	20.55	20.57		
5	64QAM	25	0	20.48	20.44	20.54		

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		22.75		24	0
10	QPSK	1	25		22.81			
10	QPSK	1	49		22.69			
10	QPSK	25	0		22.80		24	0
10	QPSK	25	12		22.75			
10	QPSK	25	25		22.77			
10	QPSK	50	0		22.78			
10	16QAM	1	0		22.65		24	0
10	16QAM	1	25		22.70			
10	16QAM	1	49		22.69			
10	16QAM	25	0		21.91		23	1
10	16QAM	25	12		21.89			
10	16QAM	25	25		21.86			
10	16QAM	50	0		21.91			
10	64QAM	1	0		21.88		23	1
10	64QAM	1	25		22.13			
10	64QAM	1	49		22.07			
10	64QAM	25	0		20.86		22	2
10	64QAM	25	12		20.81			
10	64QAM	25	25		20.89			
10	64QAM	50	0		20.92			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.73	22.66	22.64	24	0
5	QPSK	1	12	23.04	22.80	23.15		
5	QPSK	1	24	22.73	22.59	22.56		
5	QPSK	12	0	22.82	22.86	22.80	24	0
5	QPSK	12	7	23.02	22.95	22.86		
5	QPSK	12	13	22.87	22.82	22.81		
5	QPSK	25	0	22.84	22.86	22.76		
5	16QAM	1	0	22.75	22.79	23.12	24	0
5	16QAM	1	12	22.79	23.15	23.25		
5	16QAM	1	24	23.12	22.74	22.60		
5	16QAM	12	0	21.74	21.83	21.81	23	1
5	16QAM	12	7	21.91	21.74	21.74		
5	16QAM	12	13	21.81	21.68	21.83		
5	16QAM	25	0	21.87	21.91	21.85		
5	64QAM	1	0	21.92	22.07	21.75	23	1
5	64QAM	1	12	22.28	21.94	22.30		
5	64QAM	1	24	22.03	21.68	21.92		
5	64QAM	12	0	20.80	20.84	20.87	22	2
5	64QAM	12	7	21.00	20.94	20.86		
5	64QAM	12	13	20.70	20.93	20.87		
5	64QAM	25	0	20.86	20.80	20.81		

Band 18_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					23925			
Frequency (MHz)					822.5			
15	QPSK	1	0		23.56		25	0
15	QPSK	1	37		23.64			
15	QPSK	1	74		23.46			
15	QPSK	36	0		22.65		24	1
15	QPSK	36	20		22.62			
15	QPSK	36	39		22.64			
15	QPSK	75	0		22.67			
15	16QAM	1	0		22.68		24	1
15	16QAM	1	37		22.63			
15	16QAM	1	74		22.85			
15	16QAM	36	0		21.57		23	2
15	16QAM	36	20		21.62			
15	16QAM	36	39		21.58			
15	16QAM	75	0		21.55			
15	64QAM	1	0		21.73		23	2
15	64QAM	1	37		21.88			
15	64QAM	1	74		21.41			
15	64QAM	36	0		20.65		22	3
15	64QAM	36	20		20.63			
15	64QAM	36	39		20.55			
15	64QAM	75	0		20.56			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	23.53	23.55	23.53	25	0
10	QPSK	1	25	23.52	23.55	23.54		
10	QPSK	1	49	23.53	23.47	23.50		
10	QPSK	25	0	22.56	22.61	22.52	24	1
10	QPSK	25	12	22.62	22.63	22.56		
10	QPSK	25	25	22.62	22.55	22.55		
10	QPSK	50	0	22.62	22.58	22.58		
10	16QAM	1	0	22.92	22.95	22.99	24	1
10	16QAM	1	25	22.69	23.00	22.46		
10	16QAM	1	49	22.70	23.00	22.84		
10	16QAM	25	0	21.65	21.55	21.55	23	2
10	16QAM	25	12	21.60	21.52	21.60		
10	16QAM	25	25	21.64	21.61	21.61		
10	16QAM	50	0	21.63	21.57	21.64		
10	64QAM	1	0	21.78	21.85	21.63	23	2
10	64QAM	1	25	21.86	21.95	21.75		
10	64QAM	1	49	21.58	21.84	21.46		
10	64QAM	25	0	20.61	20.56	20.58	22	3
10	64QAM	25	12	20.60	20.48	20.56		
10	64QAM	25	25	20.64	20.59	20.50		
10	64QAM	50	0	20.56	20.59	20.62		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	23.37	23.45	23.42	25	0
5	QPSK	1	12	23.54	23.52	23.44		
5	QPSK	1	24	23.47	23.34	23.39		
5	QPSK	12	0	22.57	22.46	22.55	24	1
5	QPSK	12	7	22.60	22.54	22.61		
5	QPSK	12	13	22.58	22.59	22.54		
5	QPSK	25	0	22.58	22.54	22.53		
5	16QAM	1	0	22.80	22.55	22.35	24	1
5	16QAM	1	12	22.98	22.81	22.81		
5	16QAM	1	24	22.83	22.56	22.51		
5	16QAM	12	0	21.59	21.52	21.54	23	2
5	16QAM	12	7	21.68	21.58	21.56		
5	16QAM	12	13	21.61	21.61	21.51		
5	16QAM	25	0	21.68	21.53	21.50		
5	64QAM	1	0	21.26	21.62	21.61	23	2
5	64QAM	1	12	22.08	21.80	21.88		
5	64QAM	1	24	21.81	21.60	21.72		
5	64QAM	12	0	20.49	20.43	20.52	22	3
5	64QAM	12	7	20.65	20.57	20.52		
5	64QAM	12	13	20.65	20.60	20.48		
5	64QAM	25	0	20.52	20.46	20.40		

Band 18_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					23925			
Frequency (MHz)					822.5			
15	QPSK	1	0		21.40		23	0
15	QPSK	1	37		21.79			
15	QPSK	1	74		21.34			
15	QPSK	36	0		21.42		23	0
15	QPSK	36	20		21.40			
15	QPSK	36	39		21.37			
15	QPSK	75	0		21.43			
15	16QAM	1	0		21.39		23	0
15	16QAM	1	37		21.58			
15	16QAM	1	74		21.15			
15	16QAM	36	0		21.39		23	0
15	16QAM	36	20		21.41			
15	16QAM	36	39		21.33			
15	16QAM	75	0		21.50			
15	64QAM	1	0		21.58		23	0
15	64QAM	1	37		21.52			
15	64QAM	1	74		21.59			
15	64QAM	36	0		20.67		22	1
15	64QAM	36	20		20.63			
15	64QAM	36	39		20.55			
15	64QAM	75	0		20.63			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	21.65	21.58	21.52	23	0
10	QPSK	1	25	21.76	21.56	21.58		
10	QPSK	1	49	21.60	21.50	21.50		
10	QPSK	25	0	21.63	21.58	21.60	23	0
10	QPSK	25	12	21.63	21.58	21.54		
10	QPSK	25	25	21.65	21.54	21.58		
10	QPSK	50	0	21.62	21.62	21.58		
10	16QAM	1	0	21.56	21.74	21.61	23	0
10	16QAM	1	25	21.70	21.43	21.63		
10	16QAM	1	49	21.43	21.52	21.62		
10	16QAM	25	0	21.75	21.64	21.63	23	0
10	16QAM	25	12	21.68	21.61	21.60		
10	16QAM	25	25	21.58	21.63	21.54		
10	16QAM	50	0	21.59	21.69	21.53		
10	64QAM	1	0	21.43	21.55	21.62	23	0
10	64QAM	1	25	21.60	21.72	21.63		
10	64QAM	1	49	21.52	21.59	21.62		
10	64QAM	25	0	20.55	20.50	20.60	22	1
10	64QAM	25	12	20.57	20.52	20.70		
10	64QAM	25	25	20.51	20.54	20.51		
10	64QAM	50	0	20.71	20.68	20.48		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	21.59	21.45	21.46	23	0
5	QPSK	1	12	21.63	21.45	21.45		
5	QPSK	1	24	21.55	21.41	21.45		
5	QPSK	12	0	21.44	21.47	21.41	23	0
5	QPSK	12	7	21.51	21.55	21.42		
5	QPSK	12	13	21.65	21.53	21.58		
5	QPSK	25	0	21.61	21.44	21.57		
5	16QAM	1	0	21.50	21.71	21.55	23	0
5	16QAM	1	12	21.63	21.40	21.56		
5	16QAM	1	24	21.24	21.51	21.43		
5	16QAM	12	0	21.68	21.56	21.56	23	0
5	16QAM	12	7	21.52	21.55	21.44		
5	16QAM	12	13	21.41	21.58	21.37		
5	16QAM	25	0	21.40	21.58	21.34		
5	64QAM	1	0	21.40	21.50	21.59	23	0
5	64QAM	1	12	21.50	21.62	21.54		
5	64QAM	1	24	21.71	21.58	21.53		
5	64QAM	12	0	20.54	20.46	20.59	22	1
5	64QAM	12	7	20.43	20.37	20.56		
5	64QAM	12	13	20.35	20.42	20.35		
5	64QAM	25	0	20.60	20.64	20.37		

Band 19_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					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		23.57		25	0
15	QPSK	1	37		23.65			
15	QPSK	1	74		23.30			
15	QPSK	36	0		22.57		24	1
15	QPSK	36	20		22.56			
15	QPSK	36	39		22.56			
15	QPSK	75	0		22.44			
15	16QAM	1	0		22.68		24	1
15	16QAM	1	37		22.49			
15	16QAM	1	74		22.68			
15	16QAM	36	0		21.63		23	2
15	16QAM	36	20		21.48			
15	16QAM	36	39		21.49			
15	16QAM	75	0		21.52			
15	64QAM	1	0		21.50		23	2
15	64QAM	1	37		21.87			
15	64QAM	1	74		21.54			
15	64QAM	36	0		20.50		22	3
15	64QAM	36	20		20.53			
15	64QAM	36	39		20.53			
15	64QAM	75	0		20.55			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	23.44	23.52	23.44	25	0
10	QPSK	1	25	23.56	23.55	23.51		
10	QPSK	1	49	23.39	23.44	23.41		
10	QPSK	25	0	22.72	22.62	22.55	24	1
10	QPSK	25	12	22.60	22.53	22.59		
10	QPSK	25	25	22.58	22.49	22.43		
10	QPSK	50	0	22.60	22.62	22.58		
10	16QAM	1	0	22.87	22.95	22.74	24	1
10	16QAM	1	25	22.88	23.08	23.01		
10	16QAM	1	49	22.66	22.84	22.46		
10	16QAM	25	0	21.58	21.66	21.58	23	2
10	16QAM	25	12	21.63	21.51	21.58		
10	16QAM	25	25	21.60	21.46	21.41		
10	16QAM	50	0	21.55	21.55	21.59		
10	64QAM	1	0	21.55	21.70	21.85	23	2
10	64QAM	1	25	21.91	21.68	21.85		
10	64QAM	1	49	21.47	21.59	21.46		
10	64QAM	25	0	20.55	20.55	20.62	22	3
10	64QAM	25	12	20.51	20.66	20.54		
10	64QAM	25	25	20.56	20.46	20.58		
10	64QAM	50	0	20.60	20.57	20.54		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	23.37	23.43	23.30	25	0
5	QPSK	1	12	23.54	23.55	23.53		
5	QPSK	1	24	23.36	23.31	23.14		
5	QPSK	12	0	22.55	22.46	22.51	24	1
5	QPSK	12	7	22.54	22.58	22.52		
5	QPSK	12	13	22.47	22.49	22.42		
5	QPSK	25	0	22.58	22.51	22.45		
5	16QAM	1	0	22.59	22.86	22.81	24	1
5	16QAM	1	12	23.17	23.11	23.06		
5	16QAM	1	24	22.77	22.30	22.64		
5	16QAM	12	0	21.42	21.46	21.38	23	2
5	16QAM	12	7	21.57	21.56	21.54		
5	16QAM	12	13	21.50	21.52	21.41		
5	16QAM	25	0	21.53	21.48	21.52		
5	64QAM	1	0	21.37	21.45	21.59	23	2
5	64QAM	1	12	21.82	21.86	21.81		
5	64QAM	1	24	21.61	21.41	21.36		
5	64QAM	12	0	20.42	20.51	20.56	22	3
5	64QAM	12	7	20.71	20.68	20.56		
5	64QAM	12	13	20.54	20.48	20.39		
5	64QAM	25	0	20.52	20.59	20.47		

Band 19_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					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		21.49		23	0
15	QPSK	1	37		21.85			
15	QPSK	1	74		21.31			
15	QPSK	36	0		21.66		23	0
15	QPSK	36	20		21.60			
15	QPSK	36	39		21.62			
15	QPSK	75	0		21.57			
15	16QAM	1	0		21.39		23	0
15	16QAM	1	37		21.57			
15	16QAM	1	74		21.65			
15	16QAM	36	0		21.57		23	0
15	16QAM	36	20		21.57			
15	16QAM	36	39		21.51			
15	16QAM	75	0		21.51			
15	64QAM	1	0		21.59		23	0
15	64QAM	1	37		21.70			
15	64QAM	1	74		21.21			
15	64QAM	36	0		20.58		22	1
15	64QAM	36	20		20.63			
15	64QAM	36	39		20.43			
15	64QAM	75	0		20.57			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	21.56	21.58	21.47	23	0
10	QPSK	1	25	21.78	21.56	21.67		
10	QPSK	1	49	21.54	21.45	21.43		
10	QPSK	25	0	21.64	21.63	21.64	23	0
10	QPSK	25	12	21.61	21.62	21.54		
10	QPSK	25	25	21.66	21.62	21.52		
10	QPSK	50	0	21.72	21.70	21.54		
10	16QAM	1	0	21.98	21.56	22.09	23	0
10	16QAM	1	25	21.85	21.64	21.56		
10	16QAM	1	49	21.89	21.59	21.49		
10	16QAM	25	0	21.65	21.55	21.65	23	0
10	16QAM	25	12	21.51	21.57	21.65		
10	16QAM	25	25	21.59	21.53	21.60		
10	16QAM	50	0	21.56	21.57	21.48		
10	64QAM	1	0	21.75	21.54	21.64	23	0
10	64QAM	1	25	21.85	21.95	21.38		
10	64QAM	1	49	21.64	21.52	21.47		
10	64QAM	25	0	20.58	20.54	20.64	22	1
10	64QAM	25	12	20.67	20.59	20.53		
10	64QAM	25	25	20.55	20.57	20.56		
10	64QAM	50	0	20.56	20.64	20.62		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0				23	0
5	QPSK	1	12					
5	QPSK	1	24					
5	QPSK	12	0				23	0
5	QPSK	12	7					
5	QPSK	12	13					
5	QPSK	25	0					
5	16QAM	1	0				23	0
5	16QAM	1	12					
5	16QAM	1	24					
5	16QAM	12	0				23	0
5	16QAM	12	7					
5	16QAM	12	13					
5	16QAM	25	0					
5	64QAM	1	0				23	0
5	64QAM	1	12					
5	64QAM	1	24					
5	64QAM	12	0				22	1
5	64QAM	12	7					
5	64QAM	12	13					
5	64QAM	25	0					

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)				831.5	831.5	841.5		
15	QPSK	1	0	23.73	23.76	23.61	25	0
15	QPSK	1	37	23.66	23.89	23.67		
15	QPSK	1	74	23.61	23.57	23.52		
15	QPSK	36	0	22.77	22.89	22.78	24	1
15	QPSK	36	20	22.86	22.69	22.70		
15	QPSK	36	39	22.83	22.63	22.49		
15	QPSK	75	0	22.74	22.78	22.60		
15	16QAM	1	0	23.05	23.03	22.72	24	1
15	16QAM	1	37	22.90	22.74	23.01		
15	16QAM	1	74	22.71	23.00	22.77		
15	16QAM	36	0	21.87	21.76	21.66	23	2
15	16QAM	36	20	21.83	21.72	21.62		
15	16QAM	36	39	21.81	21.64	21.52		
15	16QAM	75	0	21.76	21.76	21.64		
15	64QAM	1	0	21.76	22.05	21.83	23	2
15	64QAM	1	37	21.82	21.93	21.72		
15	64QAM	1	74	21.89	21.62	21.64		
15	64QAM	36	0	20.78	20.75	20.75	22	3
15	64QAM	36	20	20.84	20.71	20.61		
15	64QAM	36	39	20.79	20.63	20.50		
15	64QAM	75	0	20.76	20.71	20.66		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.65	23.63	23.62	25	0
10	QPSK	1	25	23.69	23.75	23.63		
10	QPSK	1	49	23.73	23.53	23.46		
10	QPSK	25	0	22.85	22.76	22.62	24	1
10	QPSK	25	12	22.75	22.67	22.60		
10	QPSK	25	25	22.76	22.72	22.49		
10	QPSK	50	0	22.81	22.76	22.52		
10	16QAM	1	0	22.61	22.84	22.90	24	1
10	16QAM	1	25	23.29	22.89	22.73		
10	16QAM	1	49	22.89	23.11	22.99		
10	16QAM	25	0	21.88	21.68	21.72	23	2
10	16QAM	25	12	21.72	21.62	21.59		
10	16QAM	25	25	21.80	21.60	21.42		
10	16QAM	50	0	21.87	21.62	21.56		
10	64QAM	1	0	21.54	21.53	21.61	23	2
10	64QAM	1	25	21.85	22.10	21.88		
10	64QAM	1	49	21.99	21.57	21.80		
10	64QAM	25	0	20.77	20.79	20.58	22	3
10	64QAM	25	12	20.79	20.68	20.67		
10	64QAM	25	25	20.85	20.75	20.45		
10	64QAM	50	0	20.77	20.69	20.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.62	23.42	23.40	25	0
5	QPSK	1	12	23.75	23.72	23.62		
5	QPSK	1	24	23.70	23.48	23.52		
5	QPSK	12	0	22.81	22.69	22.55	24	1
5	QPSK	12	7	22.88	22.73	22.58		
5	QPSK	12	13	22.75	22.59	22.41		
5	QPSK	25	0	22.72	22.74	22.48		
5	16QAM	1	0	23.10	22.73	22.60	24	1
5	16QAM	1	12	23.17	22.73	22.67		
5	16QAM	1	24	23.07	22.62	22.80		
5	16QAM	12	0	21.82	21.76	21.58	23	2
5	16QAM	12	7	21.87	21.76	21.57		
5	16QAM	12	13	21.75	21.63	21.30		
5	16QAM	25	0	21.76	21.64	21.59		
5	64QAM	1	0	22.01	21.93	21.46	23	2
5	64QAM	1	12	22.32	22.03	22.02		
5	64QAM	1	24	21.88	21.33	21.51		
5	64QAM	12	0	20.86	20.69	20.49	22	3
5	64QAM	12	7	20.81	20.70	20.57		
5	64QAM	12	13	20.78	20.71	20.38		
5	64QAM	25	0	20.72	20.67	20.48		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.71	23.63	23.45	25	0
3	QPSK	1	8	23.63	23.72	23.50		
3	QPSK	1	14	23.70	23.70	23.44		
3	QPSK	8	0	22.79	22.70	22.55	24	1
3	QPSK	8	4	22.73	22.78	22.64		
3	QPSK	8	7	22.80	22.74	22.56		
3	QPSK	15	0	22.77	22.73	22.45		
3	16QAM	1	0	22.84	23.11	22.66	24	1
3	16QAM	1	8	23.14	23.05	22.56		
3	16QAM	1	14	23.14	23.05	22.79		
3	16QAM	8	0	21.87	21.75	21.68	23	2
3	16QAM	8	4	22.00	21.83	21.53		
3	16QAM	8	7	21.98	21.67	21.55		
3	16QAM	15	0	21.90	21.79	21.63		
3	64QAM	1	0	21.53	21.46	21.80	23	2
3	64QAM	1	8	21.87	21.84	21.51		
3	64QAM	1	14	21.90	21.83	21.71		
3	64QAM	8	0	20.80	20.74	20.56	22	3
3	64QAM	8	4	20.92	20.61	20.47		
3	64QAM	8	7	20.84	20.75	20.54		
3	64QAM	15	0	20.86	20.65	20.53		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.73	23.58	23.36	25	0
1.4	QPSK	1	3	23.73	23.72	23.63		
1.4	QPSK	1	5	23.63	23.58	23.43		
1.4	QPSK	3	0	23.67	23.65	23.51		
1.4	QPSK	3	1	23.73	23.71	23.52		
1.4	QPSK	3	3	23.73	23.73	23.55		
1.4	QPSK	6	0	22.76	22.71	22.56	24	1
1.4	16QAM	1	0	22.85	22.57	22.49	24	1
1.4	16QAM	1	3	23.05	22.76	22.67		
1.4	16QAM	1	5	22.55	22.67	22.49		
1.4	16QAM	3	0	22.77	22.60	22.55		
1.4	16QAM	3	1	22.90	22.64	22.60		
1.4	16QAM	3	3	22.82	22.54	22.36		
1.4	16QAM	6	0	21.83	21.72	21.69	23	2
1.4	64QAM	1	0	21.94	21.82	21.50	23	2
1.4	64QAM	1	3	21.78	22.11	21.76		
1.4	64QAM	1	5	22.08	21.52	21.79		
1.4	64QAM	3	0	21.99	21.77	21.72		
1.4	64QAM	3	1	22.07	21.79	21.71		
1.4	64QAM	3	3	21.94	21.64	21.69		
1.4	64QAM	6	0	20.79	20.70	20.55	22	3

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	21.65	21.56	21.46	23	0
15	QPSK	1	37	21.77	21.88	21.84		
15	QPSK	1	74	21.59	21.49	21.45		
15	QPSK	36	0	21.75	21.83	21.68	23	0
15	QPSK	36	20	21.82	21.71	21.63		
15	QPSK	36	39	21.75	21.68	21.44		
15	QPSK	75	0	21.70	21.75	21.69		
15	16QAM	1	0	21.80	21.86	21.83	23	0
15	16QAM	1	37	21.73	21.84	21.75		
15	16QAM	1	74	21.80	21.71	21.62		
15	16QAM	36	0	21.76	21.77	21.63	23	0
15	16QAM	36	20	21.74	21.64	21.63		
15	16QAM	36	39	21.71	21.62	21.37		
15	16QAM	75	0	21.82	21.79	21.57		
15	64QAM	1	0	21.86	21.68	21.71	23	0
15	64QAM	1	37	21.69	21.77	21.78		
15	64QAM	1	74	21.87	21.80	21.68		
15	64QAM	36	0	20.74	20.78	20.70	22	1
15	64QAM	36	20	20.81	20.76	20.68		
15	64QAM	36	39	20.76	20.78	20.51		
15	64QAM	75	0	20.79	20.63	20.63		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.51	21.48	21.40	23	0
10	QPSK	1	25	21.63	21.78	21.69		
10	QPSK	1	49	21.49	21.40	21.40		
10	QPSK	25	0	21.65	21.69	21.58	23	0
10	QPSK	25	12	21.68	21.61	21.57		
10	QPSK	25	25	21.65	21.62	21.31		
10	QPSK	50	0	21.56	21.62	21.63		
10	16QAM	1	0	21.65	21.79	21.72	23	0
10	16QAM	1	25	21.65	21.77	21.69		
10	16QAM	1	49	21.69	21.62	21.56		
10	16QAM	25	0	21.61	21.70	21.52	23	0
10	16QAM	25	12	21.62	21.52	21.55		
10	16QAM	25	25	21.60	21.57	21.32		
10	16QAM	50	0	21.72	21.70	21.46		
10	64QAM	1	0	21.76	21.58	21.63	23	0
10	64QAM	1	25	21.59	21.71	21.69		
10	64QAM	1	49	21.74	21.67	21.58		
10	64QAM	25	0	20.60	20.72	20.57	22	1
10	64QAM	25	12	20.72	20.69	20.59		
10	64QAM	25	25	20.71	20.63	20.43		
10	64QAM	50	0	20.71	20.51	20.51		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.54	21.49	21.38	23	0
5	QPSK	1	12	21.72	21.74	21.75		
5	QPSK	1	24	21.53	21.36	21.39		
5	QPSK	12	0	21.62	21.71	21.57	23	0
5	QPSK	12	7	21.72	21.58	21.48		
5	QPSK	12	13	21.62	21.58	21.30		
5	QPSK	25	0	21.59	21.62	21.61		
5	16QAM	1	0	21.65	21.81	21.70	23	0
5	16QAM	1	12	21.62	21.72	21.60		
5	16QAM	1	24	21.65	21.56	21.55		
5	16QAM	12	0	21.71	21.65	21.55	23	0
5	16QAM	12	7	21.69	21.56	21.51		
5	16QAM	12	13	21.65	21.48	21.22		
5	16QAM	25	0	21.70	21.65	21.52		
5	64QAM	1	0	21.77	21.60	21.56	23	0
5	64QAM	1	12	21.61	21.72	21.63		
5	64QAM	1	24	21.73	21.69	21.56		
5	64QAM	12	0	20.59	20.71	20.62	22	1
5	64QAM	12	7	20.70	20.62	20.55		
5	64QAM	12	13	20.69	20.63	20.37		
5	64QAM	25	0	20.66	20.48	20.55		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.59	21.48	21.35	23	0
3	QPSK	1	8	21.67	21.75	21.74		
3	QPSK	1	14	21.50	21.35	21.34		
3	QPSK	8	0	21.66	21.76	21.57	23	0
3	QPSK	8	4	21.73	21.58	21.58		
3	QPSK	8	7	21.68	21.59	21.34		
3	QPSK	15	0	21.60	21.61	21.54		
3	16QAM	1	0	21.69	21.80	21.72	23	0
3	16QAM	1	8	21.68	21.77	21.63		
3	16QAM	1	14	21.75	21.65	21.50		
3	16QAM	8	0	21.61	21.65	21.56	23	0
3	16QAM	8	4	21.61	21.59	21.54		
3	16QAM	8	7	21.58	21.54	21.26		
3	16QAM	15	0	21.77	21.72	21.51		
3	64QAM	1	0	21.74	21.56	21.64	23	0
3	64QAM	1	8	21.56	21.70	21.63		
3	64QAM	1	14	21.78	21.67	21.60		
3	64QAM	8	0	20.69	20.65	20.62	22	1
3	64QAM	8	4	20.70	20.61	20.57		
3	64QAM	8	7	20.63	20.71	20.36		
3	64QAM	15	0	20.65	20.57	20.52		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.59	21.50	21.39	23	0
1.4	QPSK	1	3	21.71	21.75	21.72		
1.4	QPSK	1	5	21.51	21.44	21.38		
1.4	QPSK	3	0	21.61	21.68	21.57		
1.4	QPSK	3	1	21.73	21.59	21.52		
1.4	QPSK	3	3	21.68	21.58	21.32		
1.4	QPSK	6	0	21.55	21.63	21.55	23	0
1.4	16QAM	1	0	21.73	21.79	21.68	23	0
1.4	16QAM	1	3	21.62	21.69	21.66		
1.4	16QAM	1	5	21.73	21.64	21.55		
1.4	16QAM	3	0	21.64	21.63	21.54		
1.4	16QAM	3	1	21.61	21.57	21.56		
1.4	16QAM	3	3	21.60	21.57	21.32		
1.4	16QAM	6	0	21.67	21.66	21.50	23	0
1.4	64QAM	1	0	21.73	21.63	21.56	23	0
1.4	64QAM	1	3	21.59	21.70	21.65		
1.4	64QAM	1	5	21.81	21.73	21.61		
1.4	64QAM	3	0	20.66	20.72	20.55		
1.4	64QAM	3	1	20.67	20.63	20.57		
1.4	64QAM	3	3	20.70	20.64	20.39		
1.4	64QAM	6	0	20.71	20.56	20.51	22	1

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	22.63	22.87	22.82	24.5	0
20	QPSK	1	49	23.12	23.27	23.24		
20	QPSK	1	99	22.55	22.80	22.76		
20	QPSK	50	0	22.18	22.33	22.31	23.5	1
20	QPSK	50	24	21.95	22.22	22.16		
20	QPSK	50	50	22.11	22.07	21.94		
20	QPSK	100	0	22.00	22.20	22.18		
20	16QAM	1	0	22.15	22.26	22.11	23.5	1
20	16QAM	1	49	22.62	22.52	22.35		
20	16QAM	1	99	21.63	22.17	22.03		
20	16QAM	50	0	21.07	21.31	21.28	22.5	2
20	16QAM	50	24	21.13	21.22	21.18		
20	16QAM	50	50	21.06	21.03	21.13		
20	16QAM	100	0	21.07	21.18	21.17		
20	64QAM	1	0	20.52	21.12	21.21	22.5	2
20	64QAM	1	49	21.24	21.35	21.51		
20	64QAM	1	99	20.71	21.14	21.11		
20	64QAM	50	0	20.04	20.20	20.29	21.5	3
20	64QAM	50	24	20.02	20.24	20.20		
20	64QAM	50	50	19.99	20.12	19.88		
20	64QAM	100	0	20.07	20.09	20.17		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.82	23.02	23.05	24.5	0
15	QPSK	1	37	23.24	23.16	23.11		
15	QPSK	1	74	22.76	22.90	22.85		
15	QPSK	36	0	22.31	22.16	22.19	23.5	1
15	QPSK	36	20	22.16	22.20	22.16		
15	QPSK	36	39	21.94	22.18	22.10		
15	QPSK	75	0	22.18	22.14	22.15		
15	16QAM	1	0	22.11	22.14	22.19	23.5	1
15	16QAM	1	37	22.35	22.67	22.67		
15	16QAM	1	74	22.03	22.46	21.92		
15	16QAM	36	0	21.28	21.17	21.29	22.5	2
15	16QAM	36	20	21.18	21.27	21.21		
15	16QAM	36	39	21.13	21.16	21.10		
15	16QAM	75	0	21.17	21.26	21.24		
15	64QAM	1	0	21.21	21.44	21.11	22.5	2
15	64QAM	1	37	21.51	21.20	21.44		
15	64QAM	1	74	21.11	21.12	21.11		
15	64QAM	36	0	20.29	20.19	20.12	21.5	3
15	64QAM	36	20	20.20	20.23	20.18		
15	64QAM	36	39	19.88	20.07	20.10		
15	64QAM	75	0	20.17	20.19	20.17		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.92	23.03	23.22	24.5	0
10	QPSK	1	25	23.12	23.22	23.06		
10	QPSK	1	49	22.82	23.13	22.88		
10	QPSK	25	0	22.02	22.11	22.20	23.5	1
10	QPSK	25	12	21.97	22.14	22.17		
10	QPSK	25	25	22.09	22.13	22.04		
10	QPSK	50	0	21.98	22.16	22.16		
10	16QAM	1	0	22.10	22.61	22.54	23.5	1
10	16QAM	1	25	22.11	22.63	22.32		
10	16QAM	1	49	22.20	22.29	22.42		
10	16QAM	25	0	21.04	21.19	21.17	22.5	2
10	16QAM	25	12	21.02	21.25	21.18		
10	16QAM	25	25	21.12	21.15	21.12		
10	16QAM	50	0	21.06	21.25	21.09		
10	64QAM	1	0	21.31	21.28	21.46	22.5	2
10	64QAM	1	25	21.38	21.42	21.42		
10	64QAM	1	49	20.89	21.37	21.33		
10	64QAM	25	0	19.98	20.19	20.23	21.5	3
10	64QAM	25	12	20.13	20.24	20.09		
10	64QAM	25	25	19.93	20.15	19.97		
10	64QAM	50	0	20.03	20.15	20.12		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.84	23.01	22.93	24.5	0
5	QPSK	1	12	23.10	23.07	23.25		
5	QPSK	1	24	22.94	22.96	22.94		
5	QPSK	12	0	21.92	22.12	22.12	23.5	1
5	QPSK	12	7	22.05	22.19	22.20		
5	QPSK	12	13	22.04	22.13	22.09		
5	QPSK	25	0	22.00	22.01	22.07		
5	16QAM	1	0	22.40	22.10	22.15	23.5	1
5	16QAM	1	12	22.35	22.29	22.14		
5	16QAM	1	24	22.06	22.14	21.78		
5	16QAM	12	0	21.01	21.09	21.18	22.5	2
5	16QAM	12	7	21.13	21.15	21.21		
5	16QAM	12	13	20.95	21.13	21.10		
5	16QAM	25	0	21.05	21.20	21.03		
5	64QAM	1	0	21.15	21.06	21.24	22.5	2
5	64QAM	1	12	21.21	21.70	21.37		
5	64QAM	1	24	21.13	21.29	21.18		
5	64QAM	12	0	19.98	20.17	20.06	21.5	3
5	64QAM	12	7	20.06	20.11	20.26		
5	64QAM	12	13	19.99	20.03	20.03		
5	64QAM	25	0	19.91	20.07	20.14		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.89	23.17	22.97	24.5	0
3	QPSK	1	8	22.95	23.10	23.00		
3	QPSK	1	14	22.97	23.01	23.09		
3	QPSK	8	0	21.92	22.16	21.97	23.5	1
3	QPSK	8	4	22.00	22.15	22.03		
3	QPSK	8	7	21.95	22.15	22.07		
3	QPSK	15	0	22.00	22.14	22.09		
3	16QAM	1	0	22.50	22.35	22.44	23.5	1
3	16QAM	1	8	22.02	22.40	22.28		
3	16QAM	1	14	22.40	22.10	22.09		
3	16QAM	8	0	21.12	21.17	21.07	22.5	2
3	16QAM	8	4	21.12	21.22	21.17		
3	16QAM	8	7	20.99	21.18	21.25		
3	16QAM	15	0	21.12	21.19	21.08		
3	64QAM	1	0	21.22	21.35	21.27	22.5	2
3	64QAM	1	8	21.25	21.44	21.09		
3	64QAM	1	14	21.03	21.20	21.18		
3	64QAM	8	0	20.10	20.14	20.07	21.5	3
3	64QAM	8	4	20.07	20.26	20.02		
3	64QAM	8	7	19.90	20.27	20.28		
3	64QAM	15	0	20.01	20.26	20.07		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.89	22.99	22.99	24.5	0
1.4	QPSK	1	3	22.90	23.10	23.10		
1.4	QPSK	1	5	22.85	22.97	22.97		
1.4	QPSK	3	0	22.93	23.05	23.05		
1.4	QPSK	3	1	23.07	23.08	23.08		
1.4	QPSK	3	3	22.95	23.05	23.05		
1.4	QPSK	6	0	22.05	22.16	22.16	23.5	1
1.4	16QAM	1	0	22.32	22.26	22.26	23.5	1
1.4	16QAM	1	3	22.32	22.59	22.59		
1.4	16QAM	1	5	22.15	22.40	22.40		
1.4	16QAM	3	0	22.07	21.86	21.86		
1.4	16QAM	3	1	22.00	22.00	22.00		
1.4	16QAM	3	3	21.81	22.14	22.14		
1.4	16QAM	6	0	21.03	21.24	21.24	22.5	2
1.4	64QAM	1	0	21.18	21.34	21.34	22.5	2
1.4	64QAM	1	3	21.09	21.33	21.33		
1.4	64QAM	1	5	21.23	21.40	21.40		
1.4	64QAM	3	0	21.16	21.37	21.37		
1.4	64QAM	3	1	21.25	21.38	21.38		
1.4	64QAM	3	3	20.78	21.16	21.16		
1.4	64QAM	6	0	19.93	20.17	20.17	21.5	3

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	16.62	16.75	16.66	18	0
20	QPSK	1	49	17.15	17.20	17.10		
20	QPSK	1	99	16.59	16.66	16.70		
20	QPSK	50	0	16.77	17.00	16.97	18	0
20	QPSK	50	24	16.77	16.96	16.87		
20	QPSK	50	50	16.81	16.82	16.68		
20	QPSK	100	0	16.73	16.90	16.85		
20	16QAM	1	0	16.63	16.62	16.84	18	0
20	16QAM	1	49	17.11	16.83	17.16		
20	16QAM	1	99	16.89	16.89	16.31		
20	16QAM	50	0	16.69	16.90	16.95	18	0
20	16QAM	50	24	16.81	16.92	16.83		
20	16QAM	50	50	16.66	16.76	16.72		
20	16QAM	100	0	16.80	16.84	16.72		
20	64QAM	1	0	16.31	16.33	16.64	18	0
20	64QAM	1	49	16.97	17.10	17.15		
20	64QAM	1	99	16.42	16.70	16.69		
20	64QAM	50	0	16.70	16.95	16.94	18	0
20	64QAM	50	24	16.72	16.91	16.98		
20	64QAM	50	50	16.73	16.62	16.79		
20	64QAM	100	0	16.73	16.79	16.80		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.52	16.60	16.60	18	0
15	QPSK	1	37	17.06	17.10	16.97		
15	QPSK	1	74	16.50	16.61	16.55		
15	QPSK	36	0	16.62	16.90	16.91	18	0
15	QPSK	36	20	16.70	16.81	16.76		
15	QPSK	36	39	16.67	16.75	16.62		
15	QPSK	75	0	16.68	16.79	16.78		
15	16QAM	1	0	16.51	16.52	16.76	18	0
15	16QAM	1	37	17.04	16.71	17.06		
15	16QAM	1	74	16.74	16.78	16.20		
15	16QAM	36	0	16.56	16.84	16.85	18	0
15	16QAM	36	20	16.69	16.87	16.77		
15	16QAM	36	39	16.61	16.66	16.67		
15	16QAM	75	0	16.68	16.74	16.58		
15	64QAM	1	0	16.25	16.25	16.49	18	0
15	64QAM	1	37	16.90	16.95	17.08		
15	64QAM	1	74	16.34	16.55	16.58		
15	64QAM	36	0	16.63	16.87	16.85	18	0
15	64QAM	36	20	16.65	16.81	16.87		
15	64QAM	36	39	16.60	16.53	16.69		
15	64QAM	75	0	16.61	16.70	16.75		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.53	16.66	16.61	18	0
10	QPSK	1	25	17.08	17.09	17.02		
10	QPSK	1	49	16.49	16.59	16.63		
10	QPSK	25	0	16.68	16.95	16.82	18	0
10	QPSK	25	12	16.71	16.90	16.77		
10	QPSK	25	25	16.71	16.68	16.63		
10	QPSK	50	0	16.59	16.84	16.79		
10	16QAM	1	0	16.54	16.51	16.70	18	0
10	16QAM	1	25	16.97	16.69	17.04		
10	16QAM	1	49	16.78	16.74	16.16		
10	16QAM	25	0	16.63	16.76	16.80	18	0
10	16QAM	25	12	16.68	16.77	16.73		
10	16QAM	25	25	16.58	16.68	16.64		
10	16QAM	50	0	16.71	16.79	16.58		
10	64QAM	1	0	16.26	16.22	16.50	18	0
10	64QAM	1	25	16.88	17.03	17.09		
10	64QAM	1	49	16.33	16.64	16.56		
10	64QAM	25	0	16.60	16.90	16.84	18	0
10	64QAM	25	12	16.67	16.80	16.91		
10	64QAM	25	25	16.68	16.52	16.71		
10	64QAM	50	0	16.61	16.66	16.70		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.51	16.70	16.58	18	0
5	QPSK	1	12	17.08	17.06	16.96		
5	QPSK	1	24	16.53	16.57	16.65		
5	QPSK	12	0	16.62	16.90	16.92	18	0
5	QPSK	12	7	16.67	16.84	16.75		
5	QPSK	12	13	16.73	16.69	16.60		
5	QPSK	25	0	16.66	16.75	16.72		
5	16QAM	1	0	16.48	16.49	16.73	18	0
5	16QAM	1	12	17.04	16.69	17.08		
5	16QAM	1	24	16.77	16.77	16.21		
5	16QAM	12	0	16.63	16.76	16.80	18	0
5	16QAM	12	7	16.70	16.86	16.74		
5	16QAM	12	13	16.58	16.69	16.67		
5	16QAM	25	0	16.68	16.70	16.58		
5	64QAM	1	0	16.23	16.23	16.57	18	0
5	64QAM	1	12	16.84	17.00	17.01		
5	64QAM	1	24	16.31	16.64	16.55		
5	64QAM	12	0	16.55	16.80	16.81	18	0
5	64QAM	12	7	16.63	16.85	16.89		
5	64QAM	12	13	16.63	16.55	16.67		
5	64QAM	25	0	16.63	16.73	16.67		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.53	16.63	16.60	18	0
3	QPSK	1	8	17.08	17.07	17.04		
3	QPSK	1	14	16.54	16.61	16.58		
3	QPSK	8	0	16.72	16.91	16.89	18	0
3	QPSK	8	4	16.70	16.89	16.81		
3	QPSK	8	7	16.69	16.72	16.53		
3	QPSK	15	0	16.68	16.75	16.78		
3	16QAM	1	0	16.58	16.52	16.79	18	0
3	16QAM	1	8	17.04	16.71	17.11		
3	16QAM	1	14	16.82	16.75	16.23		
3	16QAM	8	0	16.64	16.75	16.90	18	0
3	16QAM	8	4	16.67	16.81	16.73		
3	16QAM	8	7	16.59	16.64	16.67		
3	16QAM	15	0	16.72	16.78	16.63		
3	64QAM	1	0	16.20	16.24	16.51	18	0
3	64QAM	1	8	16.92	17.02	17.08		
3	64QAM	1	14	16.27	16.58	16.54		
3	64QAM	8	0	16.57	16.90	16.89	18	0
3	64QAM	8	4	16.66	16.83	16.90		
3	64QAM	8	7	16.64	16.55	16.65		
3	64QAM	15	0	16.64	16.69	16.75		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.52	16.61	16.61	18	0
1.4	QPSK	1	3	17.02	17.06	17.01		
1.4	QPSK	1	5	16.45	16.59	16.58		
1.4	QPSK	3	0	16.70	16.93	16.85		
1.4	QPSK	3	1	16.66	16.84	16.77		
1.4	QPSK	3	3	16.69	16.72	16.59		
1.4	QPSK	6	0	16.59	16.78	16.73	17	1
1.4	16QAM	1	0	16.57	16.50	16.72	17	1
1.4	16QAM	1	3	17.03	16.75	17.06		
1.4	16QAM	1	5	16.81	16.77	16.24		
1.4	16QAM	3	0	16.61	16.80	16.90		
1.4	16QAM	3	1	16.75	16.81	16.72		
1.4	16QAM	3	3	16.59	16.64	16.57		
1.4	16QAM	6	0	16.65	16.77	16.64	16	2
1.4	64QAM	1	0	16.19	16.28	16.52	16	2
1.4	64QAM	1	3	16.84	17.01	17.09		
1.4	64QAM	1	5	16.35	16.62	16.59		
1.4	64QAM	3	0	16.61	16.88	16.79		
1.4	64QAM	3	1	16.57	16.86	16.88		
1.4	64QAM	3	3	16.63	16.50	16.71		
1.4	64QAM	6	0	16.66	16.74	16.71	15	3

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	23.26	23.34	23.21	24.5	0
20	QPSK	1	49	23.70	23.72	23.71		
20	QPSK	1	99	23.12	23.20	23.31		
20	QPSK	50	0	22.28	22.48	22.46	23.5	1
20	QPSK	50	24	22.34	22.40	22.42		
20	QPSK	50	50	22.33	22.33	22.42		
20	QPSK	100	0	22.30	22.48	22.42		
20	16QAM	1	0	22.10	22.15	22.22	23.5	1
20	16QAM	1	49	22.56	22.62	22.67		
20	16QAM	1	99	22.27	22.24	22.30		
20	16QAM	50	0	21.35	21.40	21.52	22.5	2
20	16QAM	50	24	21.36	21.43	21.56		
20	16QAM	50	50	21.31	21.39	21.54		
20	16QAM	100	0	21.35	21.41	21.55		
20	64QAM	1	0	20.89	20.87	20.98	22.5	2
20	64QAM	1	49	21.24	21.35	21.47		
20	64QAM	1	99	20.98	21.03	21.14		
20	64QAM	50	0	20.23	20.38	20.44	21.5	3
20	64QAM	50	24	20.29	20.36	20.45		
20	64QAM	50	50	20.27	20.32	20.49		
20	64QAM	100	0	20.34	20.40	20.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.09	23.21	23.30	24.5	0
15	QPSK	1	37	23.30	23.32	23.32		
15	QPSK	1	74	23.27	23.26	23.33		
15	QPSK	36	0	22.34	22.41	22.54	23.5	1
15	QPSK	36	20	22.43	22.46	22.58		
15	QPSK	36	39	22.46	22.53	22.54		
15	QPSK	75	0	22.31	22.39	22.44		
15	16QAM	1	0	22.21	22.30	22.45	23.5	1
15	16QAM	1	37	22.50	22.56	22.65		
15	16QAM	1	74	22.36	22.44	22.49		
15	16QAM	36	0	21.24	21.42	21.39	22.5	2
15	16QAM	36	20	21.33	21.46	21.51		
15	16QAM	36	39	21.34	21.44	21.52		
15	16QAM	75	0	21.24	21.34	21.54		
15	64QAM	1	0	21.05	21.05	21.14	22.5	2
15	64QAM	1	37	21.24	21.33	21.47		
15	64QAM	1	74	21.09	21.20	21.32		
15	64QAM	36	0	20.26	20.44	20.50	21.5	3
15	64QAM	36	20	20.31	20.44	20.51		
15	64QAM	36	39	20.34	20.40	20.51		
15	64QAM	75	0	20.25	20.36	20.54		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.27	23.29	23.25	24.5	0
10	QPSK	1	25	23.21	23.29	23.26		
10	QPSK	1	49	23.24	23.30	23.32		
10	QPSK	25	0	22.37	22.54	22.60	23.5	1
10	QPSK	25	12	22.45	22.46	22.60		
10	QPSK	25	25	22.42	22.49	22.60		
10	QPSK	50	0	22.37	22.43	22.56		
10	16QAM	1	0	22.41	22.43	22.48	23.5	1
10	16QAM	1	25	22.38	22.46	22.54		
10	16QAM	1	49	22.42	22.50	22.62		
10	16QAM	25	0	21.34	21.57	21.64	22.5	2
10	16QAM	25	12	21.39	21.51	21.67		
10	16QAM	25	25	21.39	21.47	21.68		
10	16QAM	50	0	21.44	21.41	21.71		
10	64QAM	1	0	21.11	21.24	21.33	22.5	2
10	64QAM	1	25	21.18	21.21	21.33		
10	64QAM	1	49	21.18	21.22	21.41		
10	64QAM	25	0	20.40	20.56	20.62	21.5	3
10	64QAM	25	12	20.39	20.50	20.63		
10	64QAM	25	25	20.35	20.41	20.67		
10	64QAM	50	0	20.33	20.44	20.58		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.17	23.28	23.26	24.5	0
5	QPSK	1	12	23.31	23.27	23.24		
5	QPSK	1	24	23.17	23.26	23.29		
5	QPSK	12	0	22.25	22.56	22.59	23.5	1
5	QPSK	12	7	22.38	22.53	22.66		
5	QPSK	12	13	22.26	22.46	22.63		
5	QPSK	25	0	22.31	22.43	22.54		
5	16QAM	1	0	22.23	22.39	22.48	23.5	1
5	16QAM	1	12	22.40	22.53	22.67		
5	16QAM	1	24	22.28	22.37	22.47		
5	16QAM	12	0	21.26	21.43	21.58	22.5	2
5	16QAM	12	7	21.28	21.43	21.61		
5	16QAM	12	13	21.22	21.29	21.56		
5	16QAM	25	0	21.28	21.41	21.65		
5	64QAM	1	0	21.07	21.13	21.29	22.5	2
5	64QAM	1	12	21.10	21.37	21.55		
5	64QAM	1	24	21.06	21.16	21.32		
5	64QAM	12	0	20.23	20.43	20.58	21.5	3
5	64QAM	12	7	20.30	20.43	20.63		
5	64QAM	12	13	20.23	20.34	20.59		
5	64QAM	25	0	20.27	20.47	20.68		

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	19.66	19.58	19.68	21	0
20	QPSK	1	49	20.05	20.20	20.17		
20	QPSK	1	99	19.66	19.73	19.76		
20	QPSK	50	0	19.73	19.88	19.75	21	0
20	QPSK	50	24	19.79	19.81	19.80		
20	QPSK	50	50	19.70	19.79	19.70		
20	QPSK	100	0	19.75	19.87	19.80		
20	16QAM	1	0	19.49	19.53	19.70	21	0
20	16QAM	1	49	19.89	20.11	20.15		
20	16QAM	1	99	19.71	19.77	19.83		
20	16QAM	50	0	19.72	19.83	19.96	21	0
20	16QAM	50	24	19.73	19.87	20.02		
20	16QAM	50	50	19.70	19.82	19.95		
20	16QAM	100	0	19.73	19.86	20.02		
20	64QAM	1	0	19.24	19.33	19.38	21	0
20	64QAM	1	49	19.65	19.90	19.89		
20	64QAM	1	99	19.44	19.55	19.64		
20	64QAM	50	0	19.72	19.80	19.95	21	0
20	64QAM	50	24	19.70	19.83	19.99		
20	64QAM	50	50	19.68	19.80	19.96		
20	64QAM	100	0	19.74	19.86	19.96		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.52	19.53	19.62	21	0
15	QPSK	1	37	19.98	20.08	20.04		
15	QPSK	1	74	19.53	19.64	19.68		
15	QPSK	36	0	19.63	19.77	19.62	21	0
15	QPSK	36	20	19.71	19.71	19.65		
15	QPSK	36	39	19.64	19.72	19.62		
15	QPSK	75	0	19.67	19.74	19.68		
15	16QAM	1	0	19.37	19.38	19.60	21	0
15	16QAM	1	37	19.74	20.03	20.00		
15	16QAM	1	74	19.65	19.71	19.77		
15	16QAM	36	0	19.57	19.78	19.91	21	0
15	16QAM	36	20	19.67	19.77	19.97		
15	16QAM	36	39	19.58	19.74	19.83		
15	16QAM	75	0	19.59	19.78	19.92		
15	64QAM	1	0	19.14	19.24	19.28	21	0
15	64QAM	1	37	19.51	19.83	19.84		
15	64QAM	1	74	19.36	19.44	19.55		
15	64QAM	36	0	19.58	19.69	19.82	21	0
15	64QAM	36	20	19.60	19.70	19.92		
15	64QAM	36	39	19.61	19.72	19.87		
15	64QAM	75	0	19.60	19.72	19.88		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.55	19.44	19.59	21	0
10	QPSK	1	25	19.92	20.14	20.02		
10	QPSK	1	49	19.59	19.64	19.71		
10	QPSK	25	0	19.64	19.74	19.61	21	0
10	QPSK	25	12	19.67	19.70	19.74		
10	QPSK	25	25	19.61	19.66	19.57		
10	QPSK	50	0	19.69	19.78	19.68		
10	16QAM	1	0	19.42	19.39	19.55	21	0
10	16QAM	1	25	19.82	20.02	20.07		
10	16QAM	1	49	19.59	19.72	19.69		
10	16QAM	25	0	19.64	19.74	19.85	21	0
10	16QAM	25	12	19.68	19.75	19.91		
10	16QAM	25	25	19.58	19.69	19.86		
10	16QAM	50	0	19.65	19.76	19.92		
10	64QAM	1	0	19.18	19.26	19.32	21	0
10	64QAM	1	25	19.55	19.75	19.77		
10	64QAM	1	49	19.39	19.48	19.51		
10	64QAM	25	0	19.60	19.75	19.83	21	0
10	64QAM	25	12	19.64	19.78	19.92		
10	64QAM	25	25	19.58	19.70	19.86		
10	64QAM	50	0	19.62	19.73	19.85		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.55	19.52	19.63	21	0
5	QPSK	1	12	20.00	20.10	20.03		
5	QPSK	1	24	19.61	19.61	19.68		
5	QPSK	12	0	19.64	19.78	19.66	21	0
5	QPSK	12	7	19.65	19.66	19.71		
5	QPSK	12	13	19.61	19.73	19.56		
5	QPSK	25	0	19.62	19.78	19.67		
5	16QAM	1	0	19.34	19.38	19.57	21	0
5	16QAM	1	12	19.79	20.02	20.09		
5	16QAM	1	24	19.65	19.68	19.77		
5	16QAM	12	0	19.66	19.72	19.84	21	0
5	16QAM	12	7	19.65	19.79	19.97		
5	16QAM	12	13	19.58	19.69	19.88		
5	16QAM	25	0	19.61	19.75	19.94		
5	64QAM	1	0	19.18	19.26	19.32	21	0
5	64QAM	1	12	19.60	19.82	19.83		
5	64QAM	1	24	19.31	19.45	19.58		
5	64QAM	12	0	19.66	19.67	19.84	21	0
5	64QAM	12	7	19.61	19.70	19.93		
5	64QAM	12	13	19.57	19.75	19.89		
5	64QAM	25	0	19.62	19.79	19.89		

Band 41_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	23.30	23.22	23.18	23.43	24.5	0
20	QPSK	1	49	23.37	23.39	23.50	23.88		
20	QPSK	1	99	23.22	23.13	23.38	23.51		
20	QPSK	50	0	22.29	22.38	22.48	22.85	23.5	1
20	QPSK	50	24	22.22	22.29	22.47	22.80		
20	QPSK	50	50	22.21	22.37	22.42	22.74		
20	QPSK	100	0	22.18	22.36	22.61	22.72		
20	16QAM	1	0	22.20	22.15	22.23	22.49	23.5	1
20	16QAM	1	49	22.47	22.55	22.72	22.97		
20	16QAM	1	99	22.14	22.23	22.38	22.60		
20	16QAM	50	0	21.23	21.33	21.50	21.74	22.5	2
20	16QAM	50	24	21.23	21.35	21.51	21.92		
20	16QAM	50	50	21.25	21.33	21.51	21.90		
20	16QAM	100	0	21.19	21.35	21.48	21.83		
20	64QAM	1	0	21.02	21.04	20.96	21.36	22.5	2
20	64QAM	1	49	21.21	21.34	21.44	21.74		
20	64QAM	1	99	21.00	20.99	21.14	21.39		
20	64QAM	50	0	20.13	20.26	20.36	20.74	21.5	3
20	64QAM	50	24	20.12	20.24	20.48	20.87		
20	64QAM	50	50	20.18	20.27	20.37	20.78		
20	64QAM	100	0	20.13	20.30	20.48	20.78		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	23.15	23.06	23.21	23.25	24.5	0
15	QPSK	1	37	23.27	23.45	23.52	23.52		
15	QPSK	1	74	23.14	23.26	23.45	23.43		
15	QPSK	36	0	22.29	22.28	22.55	22.58	23.5	1
15	QPSK	36	20	22.31	22.37	22.54	22.58		
15	QPSK	36	39	22.37	22.44	22.59	22.66		
15	QPSK	75	0	22.29	22.35	22.56	22.49		
15	16QAM	1	0	22.31	22.19	22.36	22.45	23.5	1
15	16QAM	1	37	22.47	22.49	22.63	22.65		
15	16QAM	1	74	22.27	22.31	22.52	22.47		
15	16QAM	36	0	21.15	21.27	21.49	21.55	22.5	2
15	16QAM	36	20	21.21	21.24	21.51	21.54		
15	16QAM	36	39	21.16	21.29	21.46	21.56		
15	16QAM	75	0	21.19	21.26	21.45	21.56		
15	64QAM	1	0	20.88	20.97	21.07	21.10	22.5	2
15	64QAM	1	37	21.14	21.21	21.37	21.38		
15	64QAM	1	74	21.05	21.04	21.33	21.27		
15	64QAM	36	0	20.22	20.25	20.52	20.58	21.5	3
15	64QAM	36	20	20.23	20.26	20.47	20.44		
15	64QAM	36	39	20.25	20.32	20.47	20.51		
15	64QAM	75	0	20.16	20.30	20.40	20.44		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	23.20	23.23	23.44	23.49	24.5	0
10	QPSK	1	25	23.12	23.24	23.35	23.44		
10	QPSK	1	49	23.26	23.30	23.52	23.56		
10	QPSK	25	0	22.28	22.36	22.59	22.66	23.5	1
10	QPSK	25	12	22.28	22.33	22.67	22.67		
10	QPSK	25	25	22.33	22.35	22.46	22.64		
10	QPSK	50	0	22.35	22.30	22.52	22.47		
10	16QAM	1	0	22.37	22.35	22.52	22.51	23.5	1
10	16QAM	1	25	22.21	22.32	22.45	22.53		
10	16QAM	1	49	22.28	22.44	22.53	22.58		
10	16QAM	25	0	21.30	21.37	21.64	21.65	22.5	2
10	16QAM	25	12	21.30	21.30	21.54	21.63		
10	16QAM	25	25	21.36	21.34	21.51	21.61		
10	16QAM	50	0	21.32	21.36	21.58	21.49		
10	64QAM	1	0	21.02	21.11	21.18	21.24	22.5	2
10	64QAM	1	25	21.01	21.11	21.32	21.30		
10	64QAM	1	49	21.01	21.10	21.41	21.35		
10	64QAM	25	0	20.26	20.30	20.64	20.56	21.5	3
10	64QAM	25	12	20.38	20.30	20.60	20.67		
10	64QAM	25	25	20.31	20.34	20.56	20.53		
10	64QAM	50	0	20.24	20.27	20.39	20.57		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	23.18	23.12	23.33	23.29	24.5	0
5	QPSK	1	12	23.30	23.34	23.54	23.54		
5	QPSK	1	24	23.12	23.20	23.37	23.45		
5	QPSK	12	0	22.31	22.31	22.62	22.57	23.5	1
5	QPSK	12	7	22.38	22.39	22.65	22.60		
5	QPSK	12	13	22.28	22.29	22.65	22.46		
5	QPSK	25	0	22.26	22.33	22.45	22.44		
5	16QAM	1	0	22.24	22.29	22.42	22.49	23.5	1
5	16QAM	1	12	22.40	22.51	22.65	22.62		
5	16QAM	1	24	22.26	22.29	22.49	22.46		
5	16QAM	12	0	21.23	21.21	21.48	21.51	22.5	2
5	16QAM	12	7	21.32	21.30	21.53	21.62		
5	16QAM	12	13	21.19	21.22	21.45	21.47		
5	16QAM	25	0	21.32	21.30	21.52	21.55		
5	64QAM	1	0	20.97	21.01	21.27	21.15	22.5	2
5	64QAM	1	12	21.13	21.24	21.41	21.42		
5	64QAM	1	24	20.97	21.08	21.21	21.26		
5	64QAM	12	0	20.16	20.25	20.46	20.44	21.5	3
5	64QAM	12	7	20.24	20.26	20.52	20.54		
5	64QAM	12	13	20.21	20.26	20.46	20.46		
5	64QAM	25	0	20.29	20.30	20.50	20.53		

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	19.51	19.56	19.44	19.70	21	0
20	QPSK	1	49	19.59	19.69	19.88	20.15		
20	QPSK	1	99	19.50	19.55	19.63	19.79		
20	QPSK	50	0	19.49	19.42	20.04	20.05	21	0
20	QPSK	50	24	19.44	19.52	19.73	19.95		
20	QPSK	50	50	19.47	19.58	19.70	20.02		
20	QPSK	100	0	19.43	19.56	19.83	20.00		
20	16QAM	1	0	19.50	19.31	19.49	19.86	21	0
20	16QAM	1	49	19.66	19.76	19.72	19.85		
20	16QAM	1	99	19.55	19.48	19.71	19.50		
20	16QAM	50	0	19.49	19.52	19.66	19.90	21	0
20	16QAM	50	24	19.45	19.60	19.74	19.95		
20	16QAM	50	50	19.49	19.53	19.74	19.89		
20	16QAM	100	0	19.42	19.61	19.79	20.07		
20	64QAM	1	0	19.30	19.10	19.28	19.61	21	0
20	64QAM	1	49	19.44	19.46	19.50	19.70		
20	64QAM	1	99	19.20	19.21	19.49	19.61		
20	64QAM	50	0	19.45	19.44	19.76	20.06	21	0
20	64QAM	50	24	19.41	19.47	19.81	20.10		
20	64QAM	50	50	19.44	19.49	19.79	20.01		
20	64QAM	100	0	19.43	19.55	19.77	20.03		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	19.41	19.45	19.37	19.56	21	0
15	QPSK	1	37	19.52	19.59	19.78	20.05		
15	QPSK	1	74	19.42	19.45	19.54	19.72		
15	QPSK	36	0	19.34	19.33	19.61	19.95	21	0
15	QPSK	36	20	19.35	19.39	19.63	19.84		
15	QPSK	36	39	19.38	19.51	19.65	19.90		
15	QPSK	75	0	19.30	19.44	19.74	19.89		
15	16QAM	1	0	19.37	19.20	19.40	19.73	21	0
15	16QAM	1	37	19.55	19.70	19.58	19.74		
15	16QAM	1	74	19.48	19.36	19.64	19.43		
15	16QAM	36	0	19.41	19.41	19.59	19.80	21	0
15	16QAM	36	20	19.36	19.55	19.69	19.82		
15	16QAM	36	39	19.37	19.47	19.60	19.76		
15	16QAM	75	0	19.27	19.50	19.65	19.99		
15	64QAM	1	0	19.23	19.05	19.19	19.49	21	0
15	64QAM	1	37	19.39	19.37	19.42	19.59		
15	64QAM	1	74	19.10	19.10	19.36	19.46		
15	64QAM	36	0	19.37	19.29	19.69	19.99	21	0
15	64QAM	36	20	19.32	19.36	19.66	20.01		
15	64QAM	36	39	19.38	19.39	19.66	19.89		
15	64QAM	75	0	19.36	19.41	19.65	19.88		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	19.46	19.51	19.30	19.62	21	0
10	QPSK	1	25	19.47	19.57	19.75	20.10		
10	QPSK	1	49	19.45	19.50	19.57	19.66		
10	QPSK	25	0	19.39	19.30	19.59	19.99	21	0
10	QPSK	25	12	19.38	19.38	19.58	19.85		
10	QPSK	25	25	19.36	19.51	19.55	19.89		
10	QPSK	50	0	19.34	19.51	19.74	19.95		
10	16QAM	1	0	19.44	19.26	19.36	19.78	21	0
10	16QAM	1	25	19.53	19.62	19.67	19.76		
10	16QAM	1	49	19.45	19.41	19.58	19.38		
10	16QAM	25	0	19.39	19.43	19.52	19.83	21	0
10	16QAM	25	12	19.31	19.50	19.59	19.80		
10	16QAM	25	25	19.37	19.43	19.59	19.75		
10	16QAM	50	0	19.34	19.56	19.67	20.01		
10	64QAM	1	0	19.17	19.05	19.22	19.53	21	0
10	64QAM	1	25	19.35	19.35	19.35	19.65		
10	64QAM	1	49	19.15	19.15	19.35	19.47		
10	64QAM	25	0	19.31	19.38	19.62	19.99	21	0
10	64QAM	25	12	19.29	19.40	19.74	19.95		
10	64QAM	25	25	19.32	19.38	19.74	19.91		
10	64QAM	50	0	19.30	19.47	19.63	19.93		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	19.40	19.44	19.38	19.61	21	0
5	QPSK	1	12	19.46	19.64	19.83	20.05		
5	QPSK	1	24	19.36	19.43	19.53	19.69		
5	QPSK	12	0	19.36	19.34	19.56	19.95	21	0
5	QPSK	12	7	19.29	19.46	19.68	19.85		
5	QPSK	12	13	19.37	19.52	19.60	19.94		
5	QPSK	25	0	19.28	19.47	19.73	19.95		
5	16QAM	1	0	19.45	19.19	19.41	19.72	21	0
5	16QAM	1	12	19.54	19.69	19.63	19.71		
5	16QAM	1	24	19.45	19.40	19.60	19.35		
5	16QAM	12	0	19.40	19.43	19.52	19.82	21	0
5	16QAM	12	7	19.36	19.55	19.69	19.88		
5	16QAM	12	13	19.36	19.40	19.65	19.80		
5	16QAM	25	0	19.30	19.54	19.69	19.97		
5	64QAM	1	0	19.25	19.05	19.18	19.47	21	0
5	64QAM	1	12	19.35	19.32	19.41	19.63		
5	64QAM	1	24	19.07	19.15	19.38	19.50		
5	64QAM	12	0	19.35	19.30	19.64	19.94	21	0
5	64QAM	12	7	19.36	19.41	19.66	20.03		
5	64QAM	12	13	19.37	19.34	19.72	19.86		
5	64QAM	25	0	19.28	19.41	19.68	19.98		

Reduced Power for DSI2

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.28	32.39	32.42	**33.50**	23.28	23.39	23.42	24.50
GPRS 1 Tx slot	32.27	32.37	32.41	**33.50**	23.27	23.37	23.41	24.50
GPRS 2 Tx slots	29.82	29.94	29.95	**30.50**	23.82	23.94	23.95	24.50
GPRS 3 Tx slots	28.08	28.13	28.16	**28.50**	23.82	23.87	23.90	24.24
GPRS 4 Tx slots	26.73	26.83	26.82	**27.50**	23.73	23.83	23.82	24.50
EDGE 1 Tx slot	27.04	27.06	27.02	**28.00**	18.04	18.06	18.02	19.00
EDGE 2 Tx slots	24.17	24.15	23.80	**25.00**	18.17	18.15	17.80	19.00
EDGE 3 Tx slots	22.65	22.57	22.50	**24.00**	18.39	18.31	18.24	19.74
EDGE 4 Tx slots	21.07	21.15	21.01	**22.50**	18.07	18.15	18.01	19.50
GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.52	29.52	29.37	**30.50**	20.52	20.52	20.37	21.50
GPRS 1 Tx slot	29.51	29.53	29.36	**30.50**	20.51	20.53	20.36	21.50
GPRS 2 Tx slots	27.12	27.11	26.96	**27.50**	21.12	21.11	20.96	21.50
GPRS 3 Tx slots	25.35	25.38	25.20	**25.50**	21.09	21.12	20.94	21.24
GPRS 4 Tx slots	23.99	24.02	23.88	**24.50**	20.99	21.02	20.88	21.50
EDGE 1 Tx slot	25.91	26.01	25.87	**27.00**	16.91	17.01	16.87	18.00
EDGE 2 Tx slots	22.96	23.09	22.73	**24.00**	16.96	17.09	16.73	18.00
EDGE 3 Tx slots	20.85	21.01	20.93	**22.00**	16.59	16.75	16.67	17.74
EDGE 4 Tx slots	19.68	19.61	19.51	**21.00**	16.68	16.61	16.51	18.00

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	32.39	32.48	32.47	**33.50**	23.39	23.48	23.47	24.50
GPRS 1 Tx slot	32.38	32.45	32.46	**33.50**	23.38	23.45	23.46	24.50
GPRS 2 Tx slots	29.95	30.05	30.02	**30.50**	23.95	24.05	24.02	24.50
GPRS 3 Tx slots	28.16	28.21	28.21	**28.50**	23.90	23.95	23.95	24.24
GPRS 4 Tx slots	26.83	26.89	26.87	**27.50**	23.83	23.89	23.87	24.50
EDGE 1 Tx slot	27.04	27.13	26.94	**28.00**	18.04	18.13	17.94	19.00
EDGE 2 Tx slots	24.03	24.08	23.74	**25.00**	18.03	18.08	17.74	19.00
EDGE 3 Tx slots	22.63	22.56	22.38	**24.00**	18.37	18.30	18.12	19.74
EDGE 4 Tx slots	21.13	21.23	20.91	**22.50**	18.13	18.23	17.91	19.50
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	29.42	29.51	29.59	**30.50**	20.42	20.51	20.59	21.50
GPRS 1 Tx slot	29.41	29.42	29.58	**30.50**	20.41	20.42	20.58	21.50
GPRS 2 Tx slots	27.07	27.09	27.11	**27.50**	21.07	21.09	21.11	21.50
GPRS 3 Tx slots	25.30	25.24	25.37	**25.50**	21.04	20.98	21.11	21.24
GPRS 4 Tx slots	23.97	24.06	24.05	**24.50**	20.97	21.06	21.05	21.50
EDGE 1 Tx slot	25.83	26.14	26.17	**27.00**	16.83	17.14	17.17	18.00
EDGE 2 Tx slots	22.85	23.13	23.08	**24.00**	16.85	17.13	17.08	18.00
EDGE 3 Tx slots	21.02	21.23	21.13	**22.00**	16.76	16.97	16.87	17.74
EDGE 4 Tx slots	19.62	19.83	19.82	**21.00**	16.62	16.83	16.82	18.00

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA II_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.80	22.85	22.89	**24.00**	22.84	22.91	22.91	**24.00**
3GPP Rel 99	RMC 12.2Kbps	22.81	22.97	22.90	**24.00**	22.85	22.94	22.93	**24.00**
3GPP Rel 6	HSDPA Subtest-1	21.77	21.84	21.84	**23.00**	21.84	21.93	21.94	**23.00**
3GPP Rel 6	HSDPA Subtest-2	21.74	21.78	21.80	**23.00**	21.77	21.79	21.84	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.26	21.27	21.39	**22.00**	21.33	21.34	21.39	**22.00**
3GPP Rel 6	HSDPA Subtest-4	21.24	21.31	21.37	**22.00**	21.25	21.34	21.40	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-1	21.66	21.77	21.68	**23.00**	21.78	21.78	21.80	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	21.66	21.70	21.68	**23.00**	21.69	21.68	21.70	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.11	21.20	21.24	**22.00**	21.17	21.22	21.23	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-4	21.08	21.23	21.30	**22.00**	21.12	21.27	21.29	**22.00**
3GPP Rel 6	HSUPA Subtest-1	20.81	20.39	20.45	**21.00**	20.95	20.47	20.51	**21.00**
3GPP Rel 6	HSUPA Subtest-2	20.36	20.36	20.34	**21.00**	20.46	20.53	20.54	**21.00**
3GPP Rel 6	HSUPA Subtest-3	21.33	21.40	21.48	**22.00**	21.46	21.50	21.60	**22.00**
3GPP Rel 6	HSUPA Subtest-4	19.85	19.99	19.94	**20.50**	19.90	19.98	20.09	**20.50**
3GPP Rel 6	HSUPA Subtest-5	21.30	21.40	21.30	**22.00**	21.40	21.40	21.30	**22.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.23	20.23	20.23	**21.00**	20.41	20.38	20.45	**21.00**
Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.84	22.81	22.73	**24.00**	22.80	22.81	22.68	**24.00**
3GPP Rel 99	RMC 12.2Kbps	22.85	22.86	22.75	**24.00**	22.83	22.84	22.69	**24.00**
3GPP Rel 6	HSDPA Subtest-1	21.89	21.97	21.80	**23.00**	21.88	21.89	21.79	**23.00**
3GPP Rel 6	HSDPA Subtest-2	21.76	21.77	21.70	**23.00**	21.81	21.51	21.62	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.25	21.30	21.16	**22.00**	21.30	21.28	21.15	**22.00**
3GPP Rel 6	HSDPA Subtest-4	21.24	21.32	21.17	**22.00**	21.32	21.22	21.12	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-1	21.81	21.85	21.68	**23.00**	21.79	21.75	21.73	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	21.71	21.62	21.62	**23.00**	21.69	21.36	21.55	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.17	21.15	21.11	**22.00**	21.16	21.20	21.09	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-4	21.15	21.24	21.12	**22.00**	21.18	21.12	21.02	**22.00**
3GPP Rel 6	HSUPA Subtest-1	20.39	20.40	20.31	**21.00**	20.85	20.35	20.29	**21.00**
3GPP Rel 6	HSUPA Subtest-2	20.35	20.35	20.23	**21.00**	20.33	20.36	20.19	**21.00**
3GPP Rel 6	HSUPA Subtest-3	21.38	21.36	21.33	**22.00**	21.32	21.35	21.29	**22.00**
3GPP Rel 6	HSUPA Subtest-4	19.84	19.92	19.82	**20.50**	19.92	19.87	19.80	**20.50**
3GPP Rel 6	HSUPA Subtest-5	21.30	21.30	21.10	**22.00**	21.20	21.30	21.10	**22.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.26	20.21	20.12	**21.00**	20.25	20.30	20.07	**21.00**

Band		WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.07	23.07	23.10	**24.00**	22.72	22.65	22.72	**23.50**
3GPP Rel 99	RMC 12.2Kbps	23.08	23.13	23.12	**24.00**	22.75	22.77	22.65	**23.50**
3GPP Rel 6	HSDPA Subtest-1	22.13	22.10	22.14	**23.00**	21.78	21.77	21.79	**22.50**
3GPP Rel 6	HSDPA Subtest-2	22.09	22.05	21.54	**23.00**	21.66	21.63	21.68	**22.50**
3GPP Rel 6	HSDPA Subtest-3	21.57	21.52	21.57	**22.00**	21.16	21.15	21.22	**21.50**
3GPP Rel 6	HSDPA Subtest-4	21.50	21.52	21.55	**22.00**	21.12	21.12	21.20	**21.50**
3GPP Rel 8	DC-HSDPA Subtest-1	22.06	22.05	21.99	**23.00**	21.57	21.50	21.63	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-2	21.94	22.00	21.41	**23.00**	21.55	21.55	21.59	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-3	21.47	21.37	21.50	**22.00**	21.00	20.96	20.92	**21.50**
3GPP Rel 8	DC-HSDPA Subtest-4	21.37	21.39	21.41	**22.00**	21.04	21.00	21.07	**21.50**
3GPP Rel 6	HSUPA Subtest-1	20.61	20.55	20.59	**21.00**	20.36	20.28	20.28	**20.50**
3GPP Rel 6	HSUPA Subtest-2	20.62	20.56	20.61	**21.00**	20.29	20.26	20.30	**20.50**
3GPP Rel 6	HSUPA Subtest-3	21.62	21.61	21.61	**22.00**	21.28	21.21	21.28	**21.50**
3GPP Rel 6	HSUPA Subtest-4	20.13	20.15	20.08	**20.50**	19.75	19.81	19.72	**20.00**
3GPP Rel 6	HSUPA Subtest-5	21.50	21.60	21.60	**22.00**	21.30	21.20	21.10	**21.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.50	20.46	20.45	**21.00**	20.10	20.05	20.08	**20.50**

Band 2_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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.09	23.33	23.12	24.5	0
20	QPSK	1	49	23.21	23.38	23.29		
20	QPSK	1	99	23.02	23.04	23.36		
20	QPSK	50	0	22.25	22.63	22.62	23.5	1
20	QPSK	50	24	22.24	22.46	22.59		
20	QPSK	50	50	22.16	22.43	22.59		
20	QPSK	100	0	22.23	22.59	22.58		
20	16QAM	1	0	22.12	22.17	22.19	23.5	1
20	16QAM	1	49	22.62	23.05	23.03		
20	16QAM	1	99	22.36	22.20	22.78		
20	16QAM	50	0	21.25	21.41	21.66	22.5	2
20	16QAM	50	24	21.25	21.45	21.64		
20	16QAM	50	50	21.23	21.45	21.66		
20	16QAM	100	0	21.25	21.36	21.74		
20	64QAM	1	0	21.15	21.18	21.36	22.5	2
20	64QAM	1	49	21.68	21.83	21.79		
20	64QAM	1	99	21.23	21.25	21.50		
20	64QAM	50	0	20.19	20.54	20.74	21.5	3
20	64QAM	50	24	20.25	20.50	20.68		
20	64QAM	50	50	20.14	20.50	20.69		
20	64QAM	100	0	20.18	20.47	20.70		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.68	22.85	22.93	24.5	0
15	QPSK	1	37	22.93	22.89	22.95		
15	QPSK	1	74	22.68	22.83	22.92		
15	QPSK	36	0	21.79	22.00	22.26	23.5	1
15	QPSK	36	20	21.83	22.06	22.29		
15	QPSK	36	39	21.80	21.99	22.31		
15	QPSK	75	0	21.80	22.03	22.28		
15	16QAM	1	0	21.96	22.14	22.29	23.5	1
15	16QAM	1	37	22.25	22.43	22.62		
15	16QAM	1	74	21.98	22.11	22.29		
15	16QAM	36	0	20.78	21.00	21.26	22.5	2
15	16QAM	36	20	20.82	21.05	21.28		
15	16QAM	36	39	20.74	20.98	21.28		
15	16QAM	75	0	20.81	21.04	21.29		
15	64QAM	1	0	20.86	21.04	21.20	22.5	2
15	64QAM	1	37	21.12	21.27	21.44		
15	64QAM	1	74	20.85	21.01	21.26		
15	64QAM	36	0	19.82	20.04	20.24	21.5	3
15	64QAM	36	20	19.87	20.09	20.26		
15	64QAM	36	39	19.78	20.03	20.23		
15	64QAM	75	0	19.80	20.04	20.20		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.72	22.92	22.92	24.5	0
10	QPSK	1	25	22.79	22.95	22.95		
10	QPSK	1	49	22.75	22.92	22.93		
10	QPSK	25	0	21.76	22.02	22.28	23.5	1
10	QPSK	25	12	21.80	21.99	22.28		
10	QPSK	25	25	21.75	22.05	22.32		
10	QPSK	50	0	21.76	22.03	22.28		
10	16QAM	1	0	22.03	22.24	22.40	23.5	1
10	16QAM	1	25	22.11	22.34	22.54		
10	16QAM	1	49	22.00	22.21	22.41		
10	16QAM	25	0	20.79	21.03	21.27	22.5	2
10	16QAM	25	12	20.82	20.99	21.29		
10	16QAM	25	25	20.77	21.06	21.33		
10	16QAM	50	0	20.76	21.04	21.28		
10	64QAM	1	0	20.87	21.08	21.34	22.5	2
10	64QAM	1	25	21.04	21.19	21.47		
10	64QAM	1	49	20.90	21.15	21.31		
10	64QAM	25	0	19.79	20.01	20.19	21.5	3
10	64QAM	25	12	19.82	20.03	20.23		
10	64QAM	25	25	19.78	20.05	20.23		
10	64QAM	50	0	19.79	20.02	20.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.62	22.81	22.93	24.5	0
5	QPSK	1	12	22.91	22.92	22.95		
5	QPSK	1	24	22.58	22.85	22.93		
5	QPSK	12	0	21.74	21.99	22.24	23.5	1
5	QPSK	12	7	21.85	22.06	22.33		
5	QPSK	12	13	21.75	21.99	22.26		
5	QPSK	25	0	21.76	22.00	22.28		
5	16QAM	1	0	21.90	22.17	22.35	23.5	1
5	16QAM	1	12	22.23	22.45	22.64		
5	16QAM	1	24	21.85	22.12	22.31		
5	16QAM	12	0	20.74	20.99	21.24	22.5	2
5	16QAM	12	7	20.82	21.05	21.31		
5	16QAM	12	13	20.73	20.98	21.22		
5	16QAM	25	0	20.74	21.00	21.28		
5	64QAM	1	0	20.83	21.04	21.27	22.5	2
5	64QAM	1	12	21.09	21.27	21.58		
5	64QAM	1	24	20.77	20.99	21.24		
5	64QAM	12	0	19.79	20.02	20.21	21.5	3
5	64QAM	12	7	19.90	20.13	20.32		
5	64QAM	12	13	19.79	20.03	20.20		
5	64QAM	25	0	19.78	20.03	20.23		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.72	22.97	22.93	24.5	0
3	QPSK	1	8	22.72	22.95	22.95		
3	QPSK	1	14	22.70	22.94	22.91		
3	QPSK	8	0	21.78	22.01	22.28	23.5	1
3	QPSK	8	4	21.81	22.06	22.34		
3	QPSK	8	7	21.81	22.03	22.28		
3	QPSK	15	0	21.77	22.03	22.28		
3	16QAM	1	0	22.02	22.28	22.48	23.5	1
3	16QAM	1	8	22.00	22.28	22.46		
3	16QAM	1	14	22.01	22.28	22.43		
3	16QAM	8	0	20.84	21.09	21.35	22.5	2
3	16QAM	8	4	20.90	21.12	21.35		
3	16QAM	8	7	20.83	21.08	21.31		
3	16QAM	15	0	20.79	21.02	21.27		
3	64QAM	1	0	20.89	21.14	21.35	22.5	2
3	64QAM	1	8	20.93	21.17	21.41		
3	64QAM	1	14	20.92	21.17	21.37		
3	64QAM	8	0	19.84	20.11	20.29	21.5	3
3	64QAM	8	4	19.87	20.14	20.31		
3	64QAM	8	7	19.86	20.11	20.26		
3	64QAM	15	0	19.80	20.06	20.23		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.66	22.89	22.90	24.5	0
1.4	QPSK	1	3	22.77	22.92	22.93		
1.4	QPSK	1	5	22.67	22.90	22.94		
1.4	QPSK	3	0	22.77	22.91	22.94		
1.4	QPSK	3	1	22.82	22.94	22.95		
1.4	QPSK	3	3	22.79	22.92	22.94		
1.4	QPSK	6	0	21.77	22.01	22.31	23.5	1
1.4	16QAM	1	0	21.90	22.21	22.38	23.5	1
1.4	16QAM	1	3	22.08	22.32	22.49		
1.4	16QAM	1	5	21.96	22.24	22.40		
1.4	16QAM	3	0	21.75	22.02	22.24		
1.4	16QAM	3	1	21.81	22.07	22.29		
1.4	16QAM	3	3	21.78	22.04	22.24		
1.4	16QAM	6	0	20.88	21.10	21.35	22.5	2
1.4	64QAM	1	0	20.88	21.12	21.35	22.5	2
1.4	64QAM	1	3	20.92	21.21	21.41		
1.4	64QAM	1	5	20.86	21.14	21.30		
1.4	64QAM	3	0	20.91	21.10	21.35		
1.4	64QAM	3	1	20.94	21.21	21.43		
1.4	64QAM	3	3	20.88	21.12	21.33		
1.4	64QAM	6	0	19.80	20.04	20.25	21.5	3

Band 2_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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.30	23.45	23.33	24.5	0
20	QPSK	1	49	23.35	23.46	23.40		
20	QPSK	1	99	23.05	23.11	23.08		
20	QPSK	50	0	22.49	22.55	22.53	23.5	1
20	QPSK	50	24	22.47	22.50	22.50		
20	QPSK	50	50	22.42	22.45	22.46		
20	QPSK	100	0	22.43	22.52	22.48		
20	16QAM	1	0	22.42	22.50	22.42	23.5	1
20	16QAM	1	49	22.75	22.81	22.81		
20	16QAM	1	99	22.31	22.36	22.40		
20	16QAM	50	0	21.45	21.57	21.55	22.5	2
20	16QAM	50	24	21.48	21.52	21.52		
20	16QAM	50	50	21.44	21.45	21.51		
20	16QAM	100	0	21.42	21.48	21.48		
20	64QAM	1	0	21.30	21.40	21.34	22.5	2
20	64QAM	1	49	21.60	21.68	21.62		
20	64QAM	1	99	21.24	21.27	21.22		
20	64QAM	50	0	20.50	20.60	20.56	21.5	3
20	64QAM	50	24	20.50	20.54	20.55		
20	64QAM	50	50	20.41	20.43	20.40		
20	64QAM	100	0	20.43	20.50	20.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.24	23.29	23.26	24.5	0
15	QPSK	1	37	23.38	23.43	23.42		
15	QPSK	1	74	23.14	23.16	23.21		
15	QPSK	36	0	22.37	22.44	22.49	23.5	1
15	QPSK	36	20	22.37	22.47	22.51		
15	QPSK	36	39	22.31	22.40	22.47		
15	QPSK	75	0	22.36	22.45	22.48		
15	16QAM	1	0	22.50	22.56	22.55	23.5	1
15	16QAM	1	37	22.78	22.79	22.82		
15	16QAM	1	74	22.41	22.42	22.48		
15	16QAM	36	0	21.32	21.42	21.47	22.5	2
15	16QAM	36	20	21.36	21.44	21.46		
15	16QAM	36	39	21.28	21.39	21.45		
15	16QAM	75	0	21.34	21.43	21.47		
15	64QAM	1	0	21.38	21.52	21.45	22.5	2
15	64QAM	1	37	21.87	21.73	21.78		
15	64QAM	1	74	21.37	21.42	21.44		
15	64QAM	36	0	20.40	20.49	20.50	21.5	3
15	64QAM	36	20	20.39	20.48	20.46		
15	64QAM	36	39	20.30	20.40	20.39		
15	64QAM	75	0	20.38	20.45	20.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.29	23.37	23.37	24.5	0
10	QPSK	1	25	23.27	23.34	23.35		
10	QPSK	1	49	23.26	23.32	23.32		
10	QPSK	25	0	22.37	22.46	22.50	23.5	1
10	QPSK	25	12	22.37	22.44	22.48		
10	QPSK	25	25	22.32	22.46	22.48		
10	QPSK	50	0	22.35	22.45	22.52		
10	16QAM	1	0	22.58	22.68	22.64	23.5	1
10	16QAM	1	25	22.65	22.78	22.75		
10	16QAM	1	49	22.54	22.62	22.59		
10	16QAM	25	0	21.38	21.47	21.49	22.5	2
10	16QAM	25	12	21.39	21.42	21.49		
10	16QAM	25	25	21.33	21.47	21.49		
10	16QAM	50	0	21.34	21.48	21.48		
10	64QAM	1	0	21.47	21.54	21.56	22.5	2
10	64QAM	1	25	21.59	21.67	21.69		
10	64QAM	1	49	21.44	21.51	21.50		
10	64QAM	25	0	20.39	20.48	20.43	21.5	3
10	64QAM	25	12	20.42	20.50	20.43		
10	64QAM	25	25	20.38	20.44	20.39		
10	64QAM	50	0	20.37	20.46	20.41		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.17	23.27	23.26	24.5	0
5	QPSK	1	12	23.31	23.39	23.32		
5	QPSK	1	24	23.14	23.24	23.26		
5	QPSK	12	0	22.34	22.44	22.47	23.5	1
5	QPSK	12	7	22.40	22.48	22.54		
5	QPSK	12	13	22.30	22.45	22.43		
5	QPSK	25	0	22.31	22.44	22.49		
5	16QAM	1	0	22.46	22.53	22.57	23.5	1
5	16QAM	1	12	22.74	22.79	22.82		
5	16QAM	1	24	22.44	22.49	22.51		
5	16QAM	12	0	21.34	21.40	21.45	22.5	2
5	16QAM	12	7	21.42	21.50	21.53		
5	16QAM	12	13	21.27	21.40	21.41		
5	16QAM	25	0	21.35	21.45	21.46		
5	64QAM	1	0	21.34	21.44	21.44	22.5	2
5	64QAM	1	12	21.68	21.76	21.80		
5	64QAM	1	24	21.34	21.42	21.42		
5	64QAM	12	0	20.40	20.49	20.44	21.5	3
5	64QAM	12	7	20.44	20.54	20.50		
5	64QAM	12	13	20.34	20.44	20.36		
5	64QAM	25	0	20.35	20.44	20.41		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.31	23.40	23.38	24.5	0
3	QPSK	1	8	23.23	23.30	23.32		
3	QPSK	1	14	23.29	23.38	23.39		
3	QPSK	8	0	22.35	22.46	22.47	23.5	1
3	QPSK	8	4	22.39	22.47	22.51		
3	QPSK	8	7	22.36	22.42	22.45		
3	QPSK	15	0	22.37	22.42	22.49		
3	16QAM	1	0	22.57	22.65	22.67	23.5	1
3	16QAM	1	8	22.60	22.66	22.67		
3	16QAM	1	14	22.60	22.66	22.59		
3	16QAM	8	0	21.42	21.50	21.55	22.5	2
3	16QAM	8	4	21.45	21.56	21.56		
3	16QAM	8	7	21.41	21.49	21.50		
3	16QAM	15	0	21.36	21.46	21.52		
3	64QAM	1	0	21.46	21.57	21.60	22.5	2
3	64QAM	1	8	21.53	21.58	21.64		
3	64QAM	1	14	21.48	21.54	21.60		
3	64QAM	8	0	20.44	20.52	20.48	21.5	3
3	64QAM	8	4	20.46	20.52	20.50		
3	64QAM	8	7	20.41	20.50	20.45		
3	64QAM	15	0	20.38	20.48	20.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.24	23.34	23.34	24.5	0
1.4	QPSK	1	3	23.24	23.35	23.35		
1.4	QPSK	1	5	23.26	23.32	23.33		
1.4	QPSK	3	0	23.35	23.43	23.42		
1.4	QPSK	3	1	23.42	23.39	23.32		
1.4	QPSK	3	3	23.37	23.36	23.35		
1.4	QPSK	6	0	22.39	22.46	22.48	23.5	1
1.4	16QAM	1	0	22.55	22.64	22.57	23.5	1
1.4	16QAM	1	3	22.61	22.75	22.65		
1.4	16QAM	1	5	22.53	22.61	22.56		
1.4	16QAM	3	0	22.35	22.45	22.42		
1.4	16QAM	3	1	22.39	22.48	22.50		
1.4	16QAM	3	3	22.38	22.44	22.45		
1.4	16QAM	6	0	21.46	21.51	21.56	22.5	2
1.4	64QAM	1	0	21.45	21.52	21.53	22.5	2
1.4	64QAM	1	3	21.57	21.62	21.61		
1.4	64QAM	1	5	21.48	21.50	21.50		
1.4	64QAM	3	0	21.48	21.56	21.57		
1.4	64QAM	3	1	21.50	21.64	21.62		
1.4	64QAM	3	3	21.47	21.50	21.55		
1.4	64QAM	6	0	20.36	20.47	20.43	21.5	3

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	22.87	23.21	23.06	24.5	0
20	QPSK	1	49	23.13	23.24	23.14		
20	QPSK	1	99	22.78	22.97	22.89		
20	QPSK	50	0	22.17	22.25	22.24	23.5	1
20	QPSK	50	24	22.14	22.24	22.23		
20	QPSK	50	50	22.22	22.18	22.13		
20	QPSK	100	0	22.13	22.24	22.21		
20	16QAM	1	0	22.46	22.56	22.45	23.5	1
20	16QAM	1	49	22.40	22.49	22.81		
20	16QAM	1	99	21.77	22.05	21.89		
20	16QAM	50	0	21.28	21.26	21.32	22.5	2
20	16QAM	50	24	21.31	21.23	21.28		
20	16QAM	50	50	21.25	21.19	21.24		
20	16QAM	100	0	21.19	21.15	21.27		
20	64QAM	1	0	21.22	21.05	21.08	22.5	2
20	64QAM	1	49	21.10	21.59	21.69		
20	64QAM	1	99	21.20	21.16	21.25		
20	64QAM	50	0	20.21	20.14	20.23	21.5	3
20	64QAM	50	24	20.11	20.25	20.25		
20	64QAM	50	50	20.19	20.22	20.09		
20	64QAM	100	0	20.17	20.14	20.21		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.06	23.15	23.20	24.5	0
15	QPSK	1	37	23.13	23.16	23.16		
15	QPSK	1	74	23.11	23.05	23.06		
15	QPSK	36	0	22.07	22.14	22.22	23.5	1
15	QPSK	36	20	22.07	22.22	22.22		
15	QPSK	36	39	22.19	22.24	22.16		
15	QPSK	75	0	22.13	22.13	22.17		
15	16QAM	1	0	22.24	22.38	22.41	23.5	1
15	16QAM	1	37	22.58	22.35	22.65		
15	16QAM	1	74	22.18	22.11	22.55		
15	16QAM	36	0	21.21	21.19	21.33	22.5	2
15	16QAM	36	20	21.12	21.19	21.26		
15	16QAM	36	39	21.18	21.12	21.19		
15	16QAM	75	0	21.12	21.31	21.24		
15	64QAM	1	0	21.31	21.48	21.03	22.5	2
15	64QAM	1	37	21.53	21.61	21.61		
15	64QAM	1	74	21.28	21.21	21.29		
15	64QAM	36	0	20.17	20.29	20.18	21.5	3
15	64QAM	36	20	20.15	20.24	20.25		
15	64QAM	36	39	20.11	20.26	20.18		
15	64QAM	75	0	20.09	20.13	20.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.97	23.16	23.16	24.5	0
10	QPSK	1	25	23.20	23.18	23.18		
10	QPSK	1	49	23.03	23.01	23.14		
10	QPSK	25	0	22.24	22.25	22.25	23.5	1
10	QPSK	25	12	22.19	22.27	22.29		
10	QPSK	25	25	22.22	22.25	22.21		
10	QPSK	50	0	22.21	22.27	22.15		
10	16QAM	1	0	22.19	22.24	22.46	23.5	1
10	16QAM	1	25	22.75	22.66	22.59		
10	16QAM	1	49	22.18	22.35	22.48		
10	16QAM	25	0	21.21	21.32	21.20	22.5	2
10	16QAM	25	12	21.25	21.24	21.24		
10	16QAM	25	25	21.25	21.22	21.26		
10	16QAM	50	0	21.25	21.25	21.29		
10	64QAM	1	0	21.47	21.38	21.70	22.5	2
10	64QAM	1	25	21.50	21.39	21.68		
10	64QAM	1	49	21.42	21.08	21.10		
10	64QAM	25	0	20.12	20.14	20.30	21.5	3
10	64QAM	25	12	20.22	20.29	20.20		
10	64QAM	25	25	20.07	20.18	20.32		
10	64QAM	50	0	20.04	20.23	20.25		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.01	23.11	23.09	24.5	0
5	QPSK	1	12	23.18	23.13	23.19		
5	QPSK	1	24	23.04	23.02	23.03		
5	QPSK	12	0	22.08	22.21	22.21	23.5	1
5	QPSK	12	7	22.13	22.29	22.26		
5	QPSK	12	13	22.07	22.12	22.14		
5	QPSK	25	0	22.13	22.10	22.25		
5	16QAM	1	0	22.21	22.14	22.57	23.5	1
5	16QAM	1	12	22.54	22.30	22.28		
5	16QAM	1	24	22.16	22.29	22.23		
5	16QAM	12	0	21.15	21.18	21.27	22.5	2
5	16QAM	12	7	21.25	21.36	21.25		
5	16QAM	12	13	21.11	21.10	21.07		
5	16QAM	25	0	21.08	21.22	21.15		
5	64QAM	1	0	21.40	21.40	21.35	22.5	2
5	64QAM	1	12	21.20	21.74	21.63		
5	64QAM	1	24	21.22	21.25	21.29		
5	64QAM	12	0	20.02	20.19	20.16	21.5	3
5	64QAM	12	7	20.29	20.37	20.40		
5	64QAM	12	13	20.06	20.19	20.15		
5	64QAM	25	0	20.07	20.24	20.23		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.99	23.17	23.20	24.5	0
3	QPSK	1	8	23.16	23.19	23.17		
3	QPSK	1	14	23.06	23.15	23.17		
3	QPSK	8	0	22.14	22.20	22.29	23.5	1
3	QPSK	8	4	22.22	22.22	22.24		
3	QPSK	8	7	22.12	22.23	22.19		
3	QPSK	15	0	22.03	22.14	22.29		
3	16QAM	1	0	22.05	22.31	22.29	23.5	1
3	16QAM	1	8	22.53	22.39	22.67		
3	16QAM	1	14	22.34	22.58	22.57		
3	16QAM	8	0	21.17	21.20	21.36	22.5	2
3	16QAM	8	4	21.29	21.26	21.42		
3	16QAM	8	7	21.29	21.32	21.20		
3	16QAM	15	0	21.18	21.22	21.22		
3	64QAM	1	0	21.17	21.16	21.46	22.5	2
3	64QAM	1	8	20.98	21.23	21.54		
3	64QAM	1	14	21.55	21.30	21.18		
3	64QAM	8	0	20.23	20.21	20.27	21.5	3
3	64QAM	8	4	20.22	20.16	20.40		
3	64QAM	8	7	20.23	20.34	20.29		
3	64QAM	15	0	20.20	20.30	20.21		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.09	23.12	23.14	24.5	0
1.4	QPSK	1	3	23.17	23.18	23.18		
1.4	QPSK	1	5	23.01	23.14	23.15		
1.4	QPSK	3	0	23.16	23.18	23.20		
1.4	QPSK	3	1	23.19	23.19	23.19		
1.4	QPSK	3	3	23.15	23.17	23.16		
1.4	QPSK	6	0	22.05	22.25	22.27	23.5	1
1.4	16QAM	1	0	22.03	22.30	22.60	23.5	1
1.4	16QAM	1	3	22.70	22.60	22.52		
1.4	16QAM	1	5	22.02	22.33	22.39		
1.4	16QAM	3	0	22.09	22.25	22.33		
1.4	16QAM	3	1	22.06	22.29	22.35		
1.4	16QAM	3	3	22.10	22.22	22.27		
1.4	16QAM	6	0	21.45	21.50	21.44	22.5	2
1.4	64QAM	1	0	21.38	21.28	21.47	22.5	2
1.4	64QAM	1	3	21.08	21.64	21.54		
1.4	64QAM	1	5	20.91	21.25	21.40		
1.4	64QAM	3	0	21.37	21.36	21.16		
1.4	64QAM	3	1	21.35	21.56	21.44		
1.4	64QAM	3	3	21.31	21.46	21.40		
1.4	64QAM	6	0	20.11	20.26	20.36	21.5	3

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	23.20	23.29	23.27	24.5	0
20	QPSK	1	49	23.50	23.56	23.51		
20	QPSK	1	99	23.11	23.19	23.17		
20	QPSK	50	0	22.44	22.69	22.64	23.5	1
20	QPSK	50	24	22.46	22.53	22.58		
20	QPSK	50	50	22.51	22.51	22.45		
20	QPSK	100	0	22.48	22.57	22.51		
20	16QAM	1	0	22.52	22.57	22.56	23.5	1
20	16QAM	1	49	22.74	22.82	22.81		
20	16QAM	1	99	22.40	22.42	22.43		
20	16QAM	50	0	21.49	21.53	21.64	22.5	2
20	16QAM	50	24	21.52	21.54	21.57		
20	16QAM	50	50	21.55	21.55	21.49		
20	16QAM	100	0	21.52	21.49	21.54		
20	64QAM	1	0	21.50	21.48	21.53	22.5	2
20	64QAM	1	49	21.71	21.72	21.72		
20	64QAM	1	99	21.38	21.37	21.40		
20	64QAM	50	0	20.45	20.50	20.61	21.5	3
20	64QAM	50	24	20.48	20.52	20.56		
20	64QAM	50	50	20.48	20.49	20.45		
20	64QAM	100	0	20.45	20.47	20.52		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.99	23.10	23.13	24.5	0
15	QPSK	1	37	23.14	23.25	22.98		
15	QPSK	1	74	22.98	23.00	23.02		
15	QPSK	36	0	22.12	22.14	22.23	23.5	1
15	QPSK	36	20	22.11	22.15	22.22		
15	QPSK	36	39	22.12	22.15	22.12		
15	QPSK	75	0	22.10	22.14	22.17		
15	16QAM	1	0	22.32	22.40	22.37	23.5	1
15	16QAM	1	37	22.47	22.57	22.50		
15	16QAM	1	74	22.28	22.26	22.26		
15	16QAM	36	0	21.12	21.19	21.23	22.5	2
15	16QAM	36	20	21.11	21.17	21.20		
15	16QAM	36	39	21.15	21.15	21.15		
15	16QAM	75	0	21.15	21.15	21.20		
15	64QAM	1	0	21.23	21.32	21.40	22.5	2
15	64QAM	1	37	21.38	21.38	21.44		
15	64QAM	1	74	21.21	21.18	21.25		
15	64QAM	36	0	20.11	20.17	20.20	21.5	3
15	64QAM	36	20	20.12	20.17	20.21		
15	64QAM	36	39	20.08	20.17	20.12		
15	64QAM	75	0	20.08	20.14	20.16		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.09	23.16	23.20	24.5	0
10	QPSK	1	25	23.16	23.26	23.25		
10	QPSK	1	49	23.05	23.08	23.13		
10	QPSK	25	0	22.16	22.23	22.25	23.5	1
10	QPSK	25	12	22.15	22.20	22.26		
10	QPSK	25	25	22.19	22.13	22.23		
10	QPSK	50	0	22.15	22.26	22.22		
10	16QAM	1	0	22.37	22.41	22.44	23.5	1
10	16QAM	1	25	22.44	22.49	22.48		
10	16QAM	1	49	22.38	22.33	22.39		
10	16QAM	25	0	21.20	21.24	21.28	22.5	2
10	16QAM	25	12	21.20	21.25	21.27		
10	16QAM	25	25	21.22	21.18	21.16		
10	16QAM	50	0	21.21	21.29	21.22		
10	64QAM	1	0	21.33	21.35	21.39	22.5	2
10	64QAM	1	25	21.40	21.42	21.42		
10	64QAM	1	49	21.31	21.27	21.26		
10	64QAM	25	0	20.12	20.20	20.25	21.5	3
10	64QAM	25	12	20.17	20.24	20.25		
10	64QAM	25	25	20.12	20.16	20.19		
10	64QAM	50	0	20.10	20.17	20.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.95	23.02	23.04	24.5	0
5	QPSK	1	12	23.21	23.31	23.28		
5	QPSK	1	24	22.92	23.02	23.04		
5	QPSK	12	0	22.12	22.13	22.18	23.5	1
5	QPSK	12	7	22.15	22.20	22.26		
5	QPSK	12	13	22.11	22.15	22.19		
5	QPSK	25	0	22.10	22.14	22.18		
5	16QAM	1	0	22.29	22.34	22.28	23.5	1
5	16QAM	1	12	22.57	22.62	22.58		
5	16QAM	1	24	22.20	22.24	22.25		
5	16QAM	12	0	21.10	21.15	21.19	22.5	2
5	16QAM	12	7	21.20	21.24	21.23		
5	16QAM	12	13	21.13	21.13	21.13		
5	16QAM	25	0	21.16	21.16	21.18		
5	64QAM	1	0	21.21	21.25	21.28	22.5	2
5	64QAM	1	12	21.43	21.45	21.52		
5	64QAM	1	24	21.16	21.18	21.12		
5	64QAM	12	0	20.10	20.17	20.19	21.5	3
5	64QAM	12	7	20.18	20.23	20.30		
5	64QAM	12	13	20.10	20.14	20.17		
5	64QAM	25	0	20.10	20.13	20.20		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.08	23.15	23.17	24.5	0
3	QPSK	1	8	23.09	23.15	23.19		
3	QPSK	1	14	23.07	23.11	23.14		
3	QPSK	8	0	22.13	22.19	22.22	23.5	1
3	QPSK	8	4	22.17	22.20	22.26		
3	QPSK	8	7	22.12	22.20	22.23		
3	QPSK	15	0	22.13	22.19	22.23		
3	16QAM	1	0	22.36	22.40	22.40	23.5	1
3	16QAM	1	8	22.35	22.44	22.43		
3	16QAM	1	14	22.35	22.41	22.44		
3	16QAM	8	0	21.28	21.27	21.25	22.5	2
3	16QAM	8	4	21.25	21.31	21.30		
3	16QAM	8	7	21.23	21.27	21.25		
3	16QAM	15	0	21.21	21.22	21.21		
3	64QAM	1	0	21.29	21.33	21.35	22.5	2
3	64QAM	1	8	21.35	21.35	21.38		
3	64QAM	1	14	21.32	21.33	21.34		
3	64QAM	8	0	20.18	20.25	20.28	21.5	3
3	64QAM	8	4	20.22	20.25	20.31		
3	64QAM	8	7	20.15	20.20	20.28		
3	64QAM	15	0	20.14	20.19	20.25		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.04	23.12	23.15	24.5	0
1.4	QPSK	1	3	23.16	23.24	23.31		
1.4	QPSK	1	5	23.04	23.12	23.17		
1.4	QPSK	3	0	23.15	23.21	23.28		
1.4	QPSK	3	1	23.20	23.29	23.33		
1.4	QPSK	3	3	23.13	23.22	23.28		
1.4	QPSK	6	0	22.17	22.22	22.31	23.5	1
1.4	16QAM	1	0	22.33	22.38	22.44	23.5	1
1.4	16QAM	1	3	22.40	22.49	22.56		
1.4	16QAM	1	5	22.33	22.37	22.45		
1.4	16QAM	3	0	22.16	22.22	22.24		
1.4	16QAM	3	1	22.20	22.24	22.34		
1.4	16QAM	3	3	22.18	22.20	22.24		
1.4	16QAM	6	0	21.31	21.31	21.35	22.5	2
1.4	64QAM	1	0	21.27	21.29	21.36	22.5	2
1.4	64QAM	1	3	21.39	21.41	21.48		
1.4	64QAM	1	5	21.31	21.32	21.29		
1.4	64QAM	3	0	21.32	21.34	21.37		
1.4	64QAM	3	1	21.37	21.37	21.40		
1.4	64QAM	3	3	21.31	21.35	21.34		
1.4	64QAM	6	0	20.18	20.23	20.29	21.5	3

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	23.75	23.84	23.72	25	0
10	QPSK	1	25	23.83	23.88	23.79		
10	QPSK	1	49	23.71	23.69	23.68		
10	QPSK	25	0	22.84	22.88	22.80	24	1
10	QPSK	25	12	22.85	22.77	22.81		
10	QPSK	25	25	22.84	22.82	22.72		
10	QPSK	50	0	22.84	22.86	22.79		
10	16QAM	1	0	22.98	22.90	22.94	24	1
10	16QAM	1	25	23.04	22.99	22.94		
10	16QAM	1	49	22.89	22.94	22.82		
10	16QAM	25	0	21.84	21.80	21.79	23	2
10	16QAM	25	12	21.82	21.76	21.79		
10	16QAM	25	25	21.80	21.78	21.66		
10	16QAM	50	0	21.83	21.80	21.73		
10	64QAM	1	0	21.85	21.83	21.86	23	2
10	64QAM	1	25	21.97	21.96	21.87		
10	64QAM	1	49	21.82	21.84	21.79		
10	64QAM	25	0	20.88	20.86	20.83	22	3
10	64QAM	25	12	20.85	20.78	20.84		
10	64QAM	25	25	20.81	20.84	20.71		
10	64QAM	50	0	20.86	20.82	20.76		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.67	23.60	23.58	25	0
5	QPSK	1	12	23.82	23.83	23.81		
5	QPSK	1	24	23.65	23.56	23.59		
5	QPSK	12	0	22.80	22.74	22.73	24	1
5	QPSK	12	7	22.85	22.80	22.79		
5	QPSK	12	13	22.75	22.74	22.65		
5	QPSK	25	0	22.80	22.77	22.72		
5	16QAM	1	0	22.88	22.85	22.77	24	1
5	16QAM	1	12	23.09	23.05	23.08		
5	16QAM	1	24	22.85	22.80	22.71		
5	16QAM	12	0	21.73	21.68	21.70	23	2
5	16QAM	12	7	21.80	21.75	21.73		
5	16QAM	12	13	21.72	21.72	21.60		
5	16QAM	25	0	21.76	21.72	21.69		
5	64QAM	1	0	21.81	21.73	21.74	23	2
5	64QAM	1	12	22.04	22.01	21.98		
5	64QAM	1	24	21.76	21.72	21.67		
5	64QAM	12	0	20.81	20.74	20.77	22	3
5	64QAM	12	7	20.87	20.82	20.79		
5	64QAM	12	13	20.77	20.74	20.67		
5	64QAM	25	0	20.80	20.75	20.71		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.76	23.67	23.68	25	0
3	QPSK	1	8	23.73	23.69	23.69		
3	QPSK	1	14	23.72	23.69	23.68		
3	QPSK	8	0	22.81	22.71	22.72	24	1
3	QPSK	8	4	22.83	22.78	22.77		
3	QPSK	8	7	22.78	22.73	22.70		
3	QPSK	15	0	22.81	22.76	22.74		
3	16QAM	1	0	22.93	22.89	22.83	24	1
3	16QAM	1	8	22.93	22.89	22.81		
3	16QAM	1	14	22.93	22.89	22.83		
3	16QAM	8	0	21.83	21.75	21.75	23	2
3	16QAM	8	4	21.85	21.81	21.77		
3	16QAM	8	7	21.80	21.78	21.71		
3	16QAM	15	0	21.79	21.75	21.72		
3	64QAM	1	0	21.88	21.80	21.81	23	2
3	64QAM	1	8	21.89	21.83	21.78		
3	64QAM	1	14	21.83	21.88	21.80		
3	64QAM	8	0	20.85	20.78	20.82	22	3
3	64QAM	8	4	20.87	20.82	20.83		
3	64QAM	8	7	20.80	20.83	20.73		
3	64QAM	15	0	20.81	20.75	20.74		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.71	23.64	23.62	25	0
1.4	QPSK	1	3	23.82	23.74	23.76		
1.4	QPSK	1	5	23.72	23.62	23.66		
1.4	QPSK	3	0	23.83	23.74	23.76		
1.4	QPSK	3	1	23.81	23.78	23.80		
1.4	QPSK	3	3	23.82	23.74	23.73		
1.4	QPSK	6	0	22.86	22.76	22.77	24	1
1.4	16QAM	1	0	22.93	22.83	22.80	24	1
1.4	16QAM	1	3	23.02	22.98	22.92		
1.4	16QAM	1	5	22.94	22.81	22.77		
1.4	16QAM	3	0	22.78	22.70	22.67		
1.4	16QAM	3	1	22.82	22.74	22.71		
1.4	16QAM	3	3	22.76	22.71	22.63		
1.4	16QAM	6	0	21.86	21.79	21.78	23	2
1.4	64QAM	1	0	21.88	21.77	21.75	23	2
1.4	64QAM	1	3	21.96	21.85	21.85		
1.4	64QAM	1	5	21.88	21.78	21.72		
1.4	64QAM	3	0	21.91	21.80	21.80		
1.4	64QAM	3	1	21.90	21.87	21.86		
1.4	64QAM	3	3	21.87	21.83	21.78		
1.4	64QAM	6	0	20.82	20.72	20.75	22	3

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	23.69	23.62	23.62	25	0
10	QPSK	1	25	23.74	23.79	23.67		
10	QPSK	1	49	23.59	23.57	23.57		
10	QPSK	25	0	22.82	22.83	22.70	24	1
10	QPSK	25	12	22.76	22.68	22.69		
10	QPSK	25	25	22.75	22.74	22.58		
10	QPSK	50	0	22.78	22.84	22.66		
10	16QAM	1	0	22.89	22.84	22.83	24	1
10	16QAM	1	25	22.94	22.95	22.87		
10	16QAM	1	49	22.86	22.86	22.73		
10	16QAM	25	0	21.77	21.69	21.69	23	2
10	16QAM	25	12	21.72	21.68	21.66		
10	16QAM	25	25	21.68	21.72	21.54		
10	16QAM	50	0	21.74	21.71	21.62		
10	64QAM	1	0	21.78	21.73	21.77	23	2
10	64QAM	1	25	21.87	21.90	21.79		
10	64QAM	1	49	21.75	21.77	21.73		
10	64QAM	25	0	20.78	20.72	20.69	22	3
10	64QAM	25	12	20.74	20.68	20.69		
10	64QAM	25	25	20.71	20.74	20.59		
10	64QAM	50	0	20.78	20.71	20.65		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.28	23.22	23.19	25	0
5	QPSK	1	12	23.51	23.49	23.48		
5	QPSK	1	24	23.25	23.21	23.18		
5	QPSK	12	0	22.41	22.36	22.37	24	1
5	QPSK	12	7	22.46	22.44	22.38		
5	QPSK	12	13	22.36	22.37	22.27		
5	QPSK	25	0	22.41	22.38	22.32		
5	16QAM	1	0	22.47	22.48	22.37	24	1
5	16QAM	1	12	22.66	22.76	22.62		
5	16QAM	1	24	22.39	22.42	22.32		
5	16QAM	12	0	21.38	21.29	21.30	23	2
5	16QAM	12	7	21.40	21.38	21.32		
5	16QAM	12	13	21.31	21.33	21.21		
5	16QAM	25	0	21.37	21.34	21.28		
5	64QAM	1	0	21.40	21.34	21.31	23	2
5	64QAM	1	12	21.65	21.64	21.55		
5	64QAM	1	24	21.39	21.34	21.28		
5	64QAM	12	0	20.44	20.35	20.38	22	3
5	64QAM	12	7	20.46	20.44	20.40		
5	64QAM	12	13	20.35	20.40	20.29		
5	64QAM	25	0	20.40	20.37	20.33		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.37	23.29	23.30	25	0
3	QPSK	1	8	23.37	23.30	23.30		
3	QPSK	1	14	23.36	23.31	23.27		
3	QPSK	8	0	22.43	22.33	22.35	24	1
3	QPSK	8	4	22.46	22.39	22.37		
3	QPSK	8	7	22.41	22.36	22.31		
3	QPSK	15	0	22.44	22.37	22.36		
3	16QAM	1	0	22.56	22.54	22.47	24	1
3	16QAM	1	8	22.52	22.51	22.45		
3	16QAM	1	14	22.52	22.57	22.40		
3	16QAM	8	0	21.45	21.38	21.35	23	2
3	16QAM	8	4	21.45	21.45	21.40		
3	16QAM	8	7	21.42	21.39	21.30		
3	16QAM	15	0	21.40	21.37	21.32		
3	64QAM	1	0	21.51	21.40	21.40	23	2
3	64QAM	1	8	21.47	21.45	21.44		
3	64QAM	1	14	21.47	21.51	21.44		
3	64QAM	8	0	20.50	20.38	20.39	22	3
3	64QAM	8	4	20.51	20.45	20.43		
3	64QAM	8	7	20.44	20.43	20.36		
3	64QAM	15	0	20.44	20.37	20.34		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.36	23.27	23.22	25	0
1.4	QPSK	1	3	23.46	23.39	23.38		
1.4	QPSK	1	5	23.35	23.26	23.24		
1.4	QPSK	3	0	23.47	23.37	23.36		
1.4	QPSK	3	1	23.53	23.42	23.39		
1.4	QPSK	3	3	23.47	23.36	23.38		
1.4	QPSK	6	0	22.49	22.37	22.37	24	1
1.4	16QAM	1	0	22.58	22.50	22.36	24	1
1.4	16QAM	1	3	22.68	22.57	22.51		
1.4	16QAM	1	5	22.56	22.51	22.42		
1.4	16QAM	3	0	22.39	22.33	22.27		
1.4	16QAM	3	1	22.44	22.39	22.33		
1.4	16QAM	3	3	22.38	22.31	22.27		
1.4	16QAM	6	0	21.53	21.45	21.42	23	2
1.4	64QAM	1	0	21.52	21.40	21.33	23	2
1.4	64QAM	1	3	21.61	21.44	21.46		
1.4	64QAM	1	5	21.46	21.42	21.39		
1.4	64QAM	3	0	21.53	21.46	21.39		
1.4	64QAM	3	1	21.57	21.53	21.46		
1.4	64QAM	3	3	21.50	21.43	21.40		
1.4	64QAM	6	0	20.45	20.37	20.38	22	3

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	23.02	23.29	22.90	24.5	0
20	QPSK	1	49	23.25	23.37	23.28		
20	QPSK	1	99	22.93	22.99	23.14		
20	QPSK	50	0	22.23	22.28	22.29	23.5	1
20	QPSK	50	24	22.32	22.36	22.32		
20	QPSK	50	50	22.31	22.28	22.31		
20	QPSK	100	0	22.23	22.32	22.31		
20	16QAM	1	0	22.29	22.22	22.12	23.5	1
20	16QAM	1	49	22.59	22.56	22.63		
20	16QAM	1	99	22.22	22.29	22.43		
20	16QAM	50	0	21.22	21.27	21.27	22.5	2
20	16QAM	50	24	21.28	21.28	21.31		
20	16QAM	50	50	21.29	21.27	21.32		
20	16QAM	100	0	21.23	21.27	21.32		
20	64QAM	1	0	21.21	21.05	21.07	22.5	2
20	64QAM	1	49	21.50	21.45	21.51		
20	64QAM	1	99	21.16	21.14	21.30		
20	64QAM	50	0	20.25	20.25	20.29	21.5	3
20	64QAM	50	24	20.30	20.28	20.31		
20	64QAM	50	50	20.29	20.28	20.33		
20	64QAM	100	0	20.24	20.30	20.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.25	23.28	23.12	24.5	0
15	QPSK	1	37	23.28	23.27	23.22		
15	QPSK	1	74	23.28	23.25	23.27		
15	QPSK	36	0	22.32	22.31	22.36	23.5	1
15	QPSK	36	20	22.37	22.33	22.41		
15	QPSK	36	39	22.35	22.31	22.46		
15	QPSK	75	0	22.41	22.36	22.37		
15	16QAM	1	0	22.53	22.34	22.29	23.5	1
15	16QAM	1	37	22.85	22.51	22.41		
15	16QAM	1	74	22.39	22.65	22.37		
15	16QAM	36	0	21.30	21.40	21.26	22.5	2
15	16QAM	36	20	21.43	21.34	21.40		
15	16QAM	36	39	21.31	21.30	21.39		
15	16QAM	75	0	21.31	21.32	21.42		
15	64QAM	1	0	21.55	21.50	21.41	22.5	2
15	64QAM	1	37	21.90	21.14	21.95		
15	64QAM	1	74	21.57	21.45	21.68		
15	64QAM	36	0	20.41	20.33	20.35	21.5	3
15	64QAM	36	20	20.45	20.44	20.39		
15	64QAM	36	39	20.45	20.40	20.44		
15	64QAM	75	0	20.43	20.30	20.40		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.24	23.28	23.25	24.5	0
10	QPSK	1	25	23.27	23.22	23.26		
10	QPSK	1	49	23.25	23.12	23.24		
10	QPSK	25	0	22.37	22.36	22.40	23.5	1
10	QPSK	25	12	22.35	22.32	22.41		
10	QPSK	25	25	22.37	22.34	22.45		
10	QPSK	50	0	22.53	22.32	22.49		
10	16QAM	1	0	22.55	22.43	22.66	23.5	1
10	16QAM	1	25	22.59	22.49	22.65		
10	16QAM	1	49	22.33	22.72	22.59		
10	16QAM	25	0	21.44	21.39	21.47	22.5	2
10	16QAM	25	12	21.46	21.29	21.40		
10	16QAM	25	25	21.47	21.25	21.41		
10	16QAM	50	0	21.43	21.40	21.42		
10	64QAM	1	0	21.43	21.53	21.52	22.5	2
10	64QAM	1	25	21.35	21.12	21.53		
10	64QAM	1	49	21.51	21.29	21.58		
10	64QAM	25	0	20.40	20.30	20.44	21.5	3
10	64QAM	25	12	20.50	20.37	20.41		
10	64QAM	25	25	20.35	20.33	20.47		
10	64QAM	50	0	20.39	20.32	20.41		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.24	23.23	23.27	24.5	0
5	QPSK	1	12	23.27	23.23	23.26		
5	QPSK	1	24	23.21	23.15	23.26		
5	QPSK	12	0	22.38	22.21	22.50	23.5	1
5	QPSK	12	7	22.44	22.28	22.50		
5	QPSK	12	13	22.40	22.27	22.45		
5	QPSK	25	0	22.36	22.22	22.45		
5	16QAM	1	0	22.37	22.34	22.41	23.5	1
5	16QAM	1	12	22.96	22.11	22.75		
5	16QAM	1	24	22.66	22.29	22.38		
5	16QAM	12	0	21.30	21.38	21.42	22.5	2
5	16QAM	12	7	21.43	21.29	21.48		
5	16QAM	12	13	21.43	21.30	21.44		
5	16QAM	25	0	21.51	21.27	21.43		
5	64QAM	1	0	21.61	21.48	21.57	22.5	2
5	64QAM	1	12	21.95	21.55	21.90		
5	64QAM	1	24	21.44	21.15	21.61		
5	64QAM	12	0	20.39	20.25	20.45	21.5	3
5	64QAM	12	7	20.44	20.38	20.50		
5	64QAM	12	13	20.39	20.31	20.41		
5	64QAM	25	0	20.26	20.23	20.47		

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	22.38	22.28	22.42	24	0
20	QPSK	1	49	22.56	22.82	22.73		
20	QPSK	1	99	22.34	22.37	22.63		
20	QPSK	50	0	21.98	22.35	22.28	23.5	0.5
20	QPSK	50	24	22.19	22.30	22.34		
20	QPSK	50	50	22.21	22.26	22.33		
20	QPSK	100	0	22.06	22.33	22.32		
20	16QAM	1	0	21.93	22.35	22.26	23.5	0.5
20	16QAM	1	49	22.73	22.13	22.76		
20	16QAM	1	99	21.99	22.40	22.37		
20	16QAM	50	0	21.04	21.25	21.22	22.5	1.5
20	16QAM	50	24	21.18	21.23	21.24		
20	16QAM	50	50	21.17	21.11	21.25		
20	16QAM	100	0	21.05	21.16	21.27		
20	64QAM	1	0	21.21	21.15	21.09	22.5	1.5
20	64QAM	1	49	21.31	21.54	21.53		
20	64QAM	1	99	21.16	21.01	21.24		
20	64QAM	50	0	20.22	20.23	20.22	21.5	2.5
20	64QAM	50	24	20.14	20.18	20.27		
20	64QAM	50	50	20.19	20.15	20.29		
20	64QAM	100	0	20.07	20.17	20.29		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.27	22.23	22.33	24	0
15	QPSK	1	37	22.49	22.75	22.66		
15	QPSK	1	74	22.22	22.28	22.51		
15	QPSK	36	0	21.87	22.21	22.23	23.5	0.5
15	QPSK	36	20	22.13	22.25	22.22		
15	QPSK	36	39	22.06	22.15	22.25		
15	QPSK	75	0	21.92	22.20	22.17		
15	16QAM	1	0	21.79	22.21	22.15	23.5	0.5
15	16QAM	1	37	22.64	22.08	22.66		
15	16QAM	1	74	21.94	22.31	22.23		
15	16QAM	36	0	20.96	21.16	21.14	22.5	1.5
15	16QAM	36	20	21.04	21.13	21.16		
15	16QAM	36	39	21.03	21.01	21.14		
15	16QAM	75	0	20.92	21.06	21.21		
15	64QAM	1	0	21.14	21.09	21.04	22.5	1.5
15	64QAM	1	37	21.22	21.45	21.46		
15	64QAM	1	74	21.01	20.94	21.09		
15	64QAM	36	0	20.13	20.10	20.10	21.5	2.5
15	64QAM	36	20	20.05	20.05	20.15		
15	64QAM	36	39	20.11	20.00	20.21		
15	64QAM	75	0	20.01	20.09	20.20		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.23	22.14	22.28	24	0
10	QPSK	1	25	22.50	22.76	22.64		
10	QPSK	1	49	22.29	22.32	22.58		
10	QPSK	25	0	21.84	22.29	22.16	23.5	0.5
10	QPSK	25	12	22.06	22.20	22.21		
10	QPSK	25	25	22.08	22.15	22.27		
10	QPSK	50	0	21.91	22.26	22.24		
10	16QAM	1	0	21.79	22.26	22.21	23.5	0.5
10	16QAM	1	25	22.66	22.01	22.69		
10	16QAM	1	49	21.93	22.32	22.24		
10	16QAM	25	0	20.96	21.12	21.12	22.5	1.5
10	16QAM	25	12	21.10	21.10	21.10		
10	16QAM	25	25	21.10	20.96	21.19		
10	16QAM	50	0	20.99	21.09	21.16		
10	64QAM	1	0	21.06	21.07	21.02	22.5	1.5
10	64QAM	1	25	21.20	21.42	21.47		
10	64QAM	1	49	21.02	20.88	21.13		
10	64QAM	25	0	20.15	20.17	20.10	21.5	2.5
10	64QAM	25	12	20.09	20.03	20.19		
10	64QAM	25	25	20.10	20.01	20.17		
10	64QAM	50	0	19.96	20.03	20.15		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.28	22.17	22.34	24	0
5	QPSK	1	12	22.51	22.73	22.65		
5	QPSK	1	24	22.25	22.30	22.52		
5	QPSK	12	0	21.91	22.25	22.20	23.5	0.5
5	QPSK	12	7	22.05	22.22	22.29		
5	QPSK	12	13	22.16	22.18	22.25		
5	QPSK	25	0	21.98	22.24	22.26		
5	16QAM	1	0	21.84	22.26	22.21	23.5	0.5
5	16QAM	1	12	22.67	22.06	22.68		
5	16QAM	1	24	21.90	22.26	22.29		
5	16QAM	12	0	20.97	21.12	21.07	22.5	1.5
5	16QAM	12	7	21.07	21.09	21.09		
5	16QAM	12	13	21.05	21.01	21.14		
5	16QAM	25	0	20.96	21.09	21.20		
5	64QAM	1	0	21.15	21.06	21.00	22.5	1.5
5	64QAM	1	12	21.19	21.44	21.43		
5	64QAM	1	24	21.05	20.88	21.16		
5	64QAM	12	0	20.08	20.13	20.12	21.5	2.5
5	64QAM	12	7	20.09	20.10	20.12		
5	64QAM	12	13	20.13	20.01	20.14		
5	64QAM	25	0	19.95	20.04	20.22		

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		23.67		25	0
10	QPSK	1	25		23.71			
10	QPSK	1	49		23.44			
10	QPSK	25	0		22.61		24	1
10	QPSK	25	12		22.55			
10	QPSK	25	25		22.47			
10	QPSK	50	0		22.55			
10	16QAM	1	0		22.76		24	1
10	16QAM	1	25		22.93			
10	16QAM	1	49		22.66			
10	16QAM	25	0		21.58		23	2
10	16QAM	25	12		21.61			
10	16QAM	25	25		21.60			
10	16QAM	50	0		21.61			
10	64QAM	1	0		21.58		23	2
10	64QAM	1	25		21.90			
10	64QAM	1	49		21.81			
10	64QAM	25	0		20.57		22	3
10	64QAM	25	12		20.65			
10	64QAM	25	25		20.61			
10	64QAM	50	0		20.49			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.39	23.49	23.35	25	0
5	QPSK	1	12	23.47	23.44	23.48		
5	QPSK	1	24	23.36	23.31	23.16		
5	QPSK	12	0	22.50	22.59	22.57	24	1
5	QPSK	12	7	22.57	22.64	22.61		
5	QPSK	12	13	22.59	22.51	22.53		
5	QPSK	25	0	22.56	22.57	22.55		
5	16QAM	1	0	22.91	22.52	22.62	24	1
5	16QAM	1	12	22.94	23.00	23.15		
5	16QAM	1	24	22.84	22.62	22.45		
5	16QAM	12	0	21.39	21.55	21.45	23	2
5	16QAM	12	7	21.56	21.50	21.39		
5	16QAM	12	13	21.50	21.42	21.47		
5	16QAM	25	0	21.39	21.42	21.54		
5	64QAM	1	0	21.43	21.56	21.23	23	2
5	64QAM	1	12	22.02	21.96	21.64		
5	64QAM	1	24	21.65	21.66	21.42		
5	64QAM	12	0	20.50	20.61	20.46	22	3
5	64QAM	12	7	20.66	20.61	20.58		
5	64QAM	12	13	20.53	20.55	20.57		
5	64QAM	25	0	20.48	20.44	20.54		

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		23.42		25	0
10	QPSK	1	25		23.63			
10	QPSK	1	49		23.37			
10	QPSK	25	0		22.52		24	1
10	QPSK	25	12		22.51			
10	QPSK	25	25		22.49			
10	QPSK	50	0		22.51			
10	16QAM	1	0		22.68		24	1
10	16QAM	1	25		22.78			
10	16QAM	1	49		22.61			
10	16QAM	25	0		21.49		23	2
10	16QAM	25	12		21.49			
10	16QAM	25	25		21.48			
10	16QAM	50	0		21.47			
10	64QAM	1	0		21.54		23	2
10	64QAM	1	25		21.68			
10	64QAM	1	49		21.54			
10	64QAM	25	0		20.51		22	3
10	64QAM	25	12		20.53			
10	64QAM	25	25		20.52			
10	64QAM	50	0		20.51			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.34	23.31	23.31	25	0
5	QPSK	1	12	23.62	23.61	23.61		
5	QPSK	1	24	23.33	23.30	23.25		
5	QPSK	12	0	22.46	22.50	22.47	24	1
5	QPSK	12	7	22.56	22.55	22.50		
5	QPSK	12	13	22.45	22.47	22.45		
5	QPSK	25	0	22.49	22.49	22.45		
5	16QAM	1	0	22.58	22.60	22.55	24	1
5	16QAM	1	12	22.92	22.85	22.89		
5	16QAM	1	24	22.62	22.58	22.54		
5	16QAM	12	0	21.39	21.47	21.45	23	2
5	16QAM	12	7	21.51	21.45	21.45		
5	16QAM	12	13	21.43	21.42	21.39		
5	16QAM	25	0	21.45	21.46	21.43		
5	64QAM	1	0	21.49	21.44	21.46	23	2
5	64QAM	1	12	21.73	21.74	21.74		
5	64QAM	1	24	21.46	21.47	21.37		
5	64QAM	12	0	20.45	20.52	20.49	22	3
5	64QAM	12	7	20.59	20.54	20.50		
5	64QAM	12	13	20.49	20.46	20.44		
5	64QAM	25	0	20.45	20.47	20.43		

Band 18_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					23925			
Frequency (MHz)					822.5			
15	QPSK	1	0		23.56		25	0
15	QPSK	1	37		23.64			
15	QPSK	1	74		23.46			
15	QPSK	36	0		22.65		24	1
15	QPSK	36	20		22.62			
15	QPSK	36	39		22.64			
15	QPSK	75	0		22.67			
15	16QAM	1	0		22.68		24	1
15	16QAM	1	37		22.63			
15	16QAM	1	74		22.85			
15	16QAM	36	0		21.57		23	2
15	16QAM	36	20		21.62			
15	16QAM	36	39		21.58			
15	16QAM	75	0		21.55			
15	64QAM	1	0		21.73		23	2
15	64QAM	1	37		21.88			
15	64QAM	1	74		21.41			
15	64QAM	36	0		20.65		22	3
15	64QAM	36	20		20.63			
15	64QAM	36	39		20.55			
15	64QAM	75	0		20.56			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	23.53	23.55	23.53	25	0
10	QPSK	1	25	23.52	23.55	23.54		
10	QPSK	1	49	23.53	23.47	23.50		
10	QPSK	25	0	22.56	22.61	22.52	24	1
10	QPSK	25	12	22.62	22.63	22.56		
10	QPSK	25	25	22.62	22.55	22.55		
10	QPSK	50	0	22.62	22.58	22.58		
10	16QAM	1	0	22.92	22.95	22.99	24	1
10	16QAM	1	25	22.69	23.00	22.46		
10	16QAM	1	49	22.70	23.00	22.84		
10	16QAM	25	0	21.65	21.55	21.55	23	2
10	16QAM	25	12	21.60	21.52	21.60		
10	16QAM	25	25	21.64	21.61	21.61		
10	16QAM	50	0	21.63	21.57	21.64		
10	64QAM	1	0	21.78	21.85	21.63	23	2
10	64QAM	1	25	21.86	21.95	21.75		
10	64QAM	1	49	21.58	21.84	21.46		
10	64QAM	25	0	20.61	20.56	20.58	22	3
10	64QAM	25	12	20.60	20.48	20.56		
10	64QAM	25	25	20.64	20.59	20.50		
10	64QAM	50	0	20.56	20.59	20.62		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	23.37	23.45	23.42	25	0
5	QPSK	1	12	23.54	23.52	23.44		
5	QPSK	1	24	23.47	23.34	23.39		
5	QPSK	12	0	22.57	22.46	22.55	24	1
5	QPSK	12	7	22.60	22.54	22.61		
5	QPSK	12	13	22.58	22.59	22.54		
5	QPSK	25	0	22.58	22.54	22.53		
5	16QAM	1	0	22.80	22.55	22.35	24	1
5	16QAM	1	12	22.98	22.81	22.81		
5	16QAM	1	24	22.83	22.56	22.51		
5	16QAM	12	0	21.59	21.52	21.54	23	2
5	16QAM	12	7	21.68	21.58	21.56		
5	16QAM	12	13	21.61	21.61	21.51		
5	16QAM	25	0	21.68	21.53	21.50		
5	64QAM	1	0	21.26	21.62	21.61	23	2
5	64QAM	1	12	22.08	21.80	21.88		
5	64QAM	1	24	21.81	21.60	21.72		
5	64QAM	12	0	20.49	20.43	20.52	22	3
5	64QAM	12	7	20.65	20.57	20.52		
5	64QAM	12	13	20.65	20.60	20.48		
5	64QAM	25	0	20.52	20.46	20.40		

Band 18_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					23925			
Frequency (MHz)					822.5			
15	QPSK	1	0		23.35		25	0
15	QPSK	1	37		23.67			
15	QPSK	1	74		23.28			
15	QPSK	36	0		22.49		24	1
15	QPSK	36	20		22.43			
15	QPSK	36	39		22.43			
15	QPSK	75	0		22.45			
15	16QAM	1	0		22.60		24	1
15	16QAM	1	37		22.87			
15	16QAM	1	74		22.50			
15	16QAM	36	0		21.45		23	2
15	16QAM	36	20		21.47			
15	16QAM	36	39		21.40			
15	16QAM	75	0		21.45			
15	64QAM	1	0		21.58		23	2
15	64QAM	1	37		21.81			
15	64QAM	1	74		21.47			
15	64QAM	36	0		20.44		22	3
15	64QAM	36	20		20.45			
15	64QAM	36	39		20.41			
15	64QAM	75	0		20.43			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	23.42	23.44	23.39	25	0
10	QPSK	1	25	23.53	23.47	23.46		
10	QPSK	1	49	23.42	23.39	23.32		
10	QPSK	25	0	22.49	22.44	22.44	24	1
10	QPSK	25	12	22.50	22.46	22.46		
10	QPSK	25	25	22.49	22.44	22.39		
10	QPSK	50	0	22.51	22.46	22.43		
10	16QAM	1	0	22.70	22.67	22.64	24	1
10	16QAM	1	25	22.74	22.75	22.71		
10	16QAM	1	49	22.64	22.59	22.56		
10	16QAM	25	0	21.48	21.45	21.44	23	2
10	16QAM	25	12	21.52	21.47	21.47		
10	16QAM	25	25	21.51	21.43	21.41		
10	16QAM	50	0	21.50	21.49	21.41		
10	64QAM	1	0	21.59	21.62	21.54	23	2
10	64QAM	1	25	21.67	21.72	21.58		
10	64QAM	1	49	21.59	21.55	21.49		
10	64QAM	25	0	20.48	20.43	20.41	22	3
10	64QAM	25	12	20.49	20.44	20.42		
10	64QAM	25	25	20.48	20.42	20.36		
10	64QAM	50	0	20.48	20.46	20.39		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	23.31	23.32	23.27	25	0
5	QPSK	1	12	23.61	23.57	23.46		
5	QPSK	1	24	23.32	23.28	23.22		
5	QPSK	12	0	22.45	22.41	22.42	24	1
5	QPSK	12	7	22.53	22.45	22.41		
5	QPSK	12	13	22.49	22.42	22.35		
5	QPSK	25	0	22.47	22.39	22.38		
5	16QAM	1	0	22.58	22.58	22.51	24	1
5	16QAM	1	12	22.82	22.84	22.70		
5	16QAM	1	24	22.57	22.55	22.49		
5	16QAM	12	0	21.46	21.38	21.40	23	2
5	16QAM	12	7	21.52	21.44	21.42		
5	16QAM	12	13	21.47	21.41	21.36		
5	16QAM	25	0	21.49	21.38	21.39		
5	64QAM	1	0	21.51	21.50	21.41	23	2
5	64QAM	1	12	21.76	21.63	21.63		
5	64QAM	1	24	21.46	21.43	21.39		
5	64QAM	12	0	20.40	20.39	20.41	22	3
5	64QAM	12	7	20.52	20.45	20.42		
5	64QAM	12	13	20.51	20.41	20.35		
5	64QAM	25	0	20.46	20.34	20.34		

Band 19_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					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		23.57		25	0
15	QPSK	1	37		23.65			
15	QPSK	1	74		23.30			
15	QPSK	36	0		22.57		24	1
15	QPSK	36	20		22.56			
15	QPSK	36	39		22.56			
15	QPSK	75	0		22.44			
15	16QAM	1	0		22.68		24	1
15	16QAM	1	37		22.49			
15	16QAM	1	74		22.68			
15	16QAM	36	0		21.63		23	2
15	16QAM	36	20		21.48			
15	16QAM	36	39		21.49			
15	16QAM	75	0		21.52			
15	64QAM	1	0		21.50		23	2
15	64QAM	1	37		21.87			
15	64QAM	1	74		21.54			
15	64QAM	36	0		20.50		22	3
15	64QAM	36	20		20.53			
15	64QAM	36	39		20.53			
15	64QAM	75	0		20.55			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	23.44	23.52	23.44	25	0
10	QPSK	1	25	23.56	23.55	23.51		
10	QPSK	1	49	23.39	23.44	23.41		
10	QPSK	25	0	22.72	22.62	22.55	24	1
10	QPSK	25	12	22.60	22.53	22.59		
10	QPSK	25	25	22.58	22.49	22.43		
10	QPSK	50	0	22.60	22.62	22.58		
10	16QAM	1	0	22.87	22.95	22.74	24	1
10	16QAM	1	25	22.88	23.08	23.01		
10	16QAM	1	49	22.66	22.84	22.46		
10	16QAM	25	0	21.58	21.66	21.58	23	2
10	16QAM	25	12	21.63	21.51	21.58		
10	16QAM	25	25	21.60	21.46	21.41		
10	16QAM	50	0	21.55	21.55	21.59		
10	64QAM	1	0	21.55	21.70	21.85	23	2
10	64QAM	1	25	21.91	21.68	21.85		
10	64QAM	1	49	21.47	21.59	21.46		
10	64QAM	25	0	20.55	20.55	20.62	22	3
10	64QAM	25	12	20.51	20.66	20.54		
10	64QAM	25	25	20.56	20.46	20.58		
10	64QAM	50	0	20.60	20.57	20.54		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	23.37	23.43	23.30	25	0
5	QPSK	1	12	23.54	23.55	23.53		
5	QPSK	1	24	23.36	23.31	23.14		
5	QPSK	12	0	22.55	22.46	22.51	24	1
5	QPSK	12	7	22.54	22.58	22.52		
5	QPSK	12	13	22.47	22.49	22.42		
5	QPSK	25	0	22.58	22.51	22.45		
5	16QAM	1	0	22.59	22.86	22.81	24	1
5	16QAM	1	12	23.17	23.11	23.06		
5	16QAM	1	24	22.77	22.30	22.64		
5	16QAM	12	0	21.42	21.46	21.38	23	2
5	16QAM	12	7	21.57	21.56	21.54		
5	16QAM	12	13	21.50	21.52	21.41		
5	16QAM	25	0	21.53	21.48	21.52		
5	64QAM	1	0	21.37	21.45	21.59	23	2
5	64QAM	1	12	21.82	21.86	21.81		
5	64QAM	1	24	21.61	21.41	21.36		
5	64QAM	12	0	20.42	20.51	20.56	22	3
5	64QAM	12	7	20.71	20.68	20.56		
5	64QAM	12	13	20.54	20.48	20.39		
5	64QAM	25	0	20.52	20.59	20.47		

Band 19_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					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		23.41		25	0
15	QPSK	1	37		23.58			
15	QPSK	1	74		23.27			
15	QPSK	36	0		22.65		24	1
15	QPSK	36	20		22.56			
15	QPSK	36	39		22.49			
15	QPSK	75	0		22.52			
15	16QAM	1	0		22.62		24	1
15	16QAM	1	37		22.90			
15	16QAM	1	74		22.49			
15	16QAM	36	0		21.55		23	2
15	16QAM	36	20		21.53			
15	16QAM	36	39		21.51			
15	16QAM	75	0		21.55			
15	64QAM	1	0		21.60		23	2
15	64QAM	1	37		21.86			
15	64QAM	1	74		21.42			
15	64QAM	36	0		20.53		22	3
15	64QAM	36	20		20.56			
15	64QAM	36	39		20.48			
15	64QAM	75	0		20.50			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	23.45	23.42	23.46	25	0
10	QPSK	1	25	23.49	23.56	23.54		
10	QPSK	1	49	23.39	23.40	23.31		
10	QPSK	25	0	22.60	22.55	22.53	24	1
10	QPSK	25	12	22.55	22.54	22.52		
10	QPSK	25	25	22.56	22.53	22.47		
10	QPSK	50	0	22.59	22.57	22.51		
10	16QAM	1	0	22.65	22.69	22.73	24	1
10	16QAM	1	25	22.84	22.83	22.80		
10	16QAM	1	49	22.71	22.64	22.57		
10	16QAM	25	0	21.62	21.58	21.55	23	2
10	16QAM	25	12	21.56	21.56	21.52		
10	16QAM	25	25	21.56	21.56	21.47		
10	16QAM	50	0	21.58	21.56	21.53		
10	64QAM	1	0	21.61	21.65	21.65	23	2
10	64QAM	1	25	21.78	21.72	21.75		
10	64QAM	1	49	21.62	21.56	21.49		
10	64QAM	25	0	20.56	20.48	20.51	22	3
10	64QAM	25	12	20.53	20.52	20.50		
10	64QAM	25	25	20.56	20.52	20.43		
10	64QAM	50	0	20.53	20.53	20.47		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	23.33	23.36	23.28	25	0
5	QPSK	1	12	23.54	23.54	23.49		
5	QPSK	1	24	23.33	23.29	23.19		
5	QPSK	12	0	22.50	22.50	22.47	24	1
5	QPSK	12	7	22.56	22.55	22.52		
5	QPSK	12	13	22.47	22.52	22.38		
5	QPSK	25	0	22.52	22.49	22.42		
5	16QAM	1	0	22.55	22.59	22.57	24	1
5	16QAM	1	12	22.83	22.91	22.81		
5	16QAM	1	24	22.54	22.55	22.48		
5	16QAM	12	0	21.50	21.51	21.49	23	2
5	16QAM	12	7	21.56	21.55	21.50		
5	16QAM	12	13	21.52	21.47	21.38		
5	16QAM	25	0	21.50	21.51	21.43		
5	64QAM	1	0	21.51	21.57	21.50	23	2
5	64QAM	1	12	21.83	21.85	21.86		
5	64QAM	1	24	21.53	21.50	21.41		
5	64QAM	12	0	20.49	20.48	20.46	22	3
5	64QAM	12	7	20.54	20.54	20.49		
5	64QAM	12	13	20.50	20.49	20.38		
5	64QAM	25	0	20.47	20.46	20.37		

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	23.73	23.76	23.61	25	0
15	QPSK	1	37	23.66	23.89	23.67		
15	QPSK	1	74	23.61	23.57	23.52		
15	QPSK	36	0	22.77	22.89	22.78	24	1
15	QPSK	36	20	22.86	22.69	22.70		
15	QPSK	36	39	22.83	22.63	22.49		
15	QPSK	75	0	22.74	22.78	22.60		
15	16QAM	1	0	23.05	23.03	22.72	24	1
15	16QAM	1	37	22.90	22.74	23.01		
15	16QAM	1	74	22.71	23.00	22.77		
15	16QAM	36	0	21.87	21.76	21.66	23	2
15	16QAM	36	20	21.83	21.72	21.62		
15	16QAM	36	39	21.81	21.64	21.52		
15	16QAM	75	0	21.76	21.76	21.64		
15	64QAM	1	0	21.76	22.05	21.83	23	2
15	64QAM	1	37	21.82	21.93	21.72		
15	64QAM	1	74	21.89	21.62	21.64		
15	64QAM	36	0	20.78	20.75	20.75	22	3
15	64QAM	36	20	20.84	20.71	20.61		
15	64QAM	36	39	20.79	20.63	20.50		
15	64QAM	75	0	20.76	20.71	20.66		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.65	23.63	23.62	25	0
10	QPSK	1	25	23.69	23.75	23.63		
10	QPSK	1	49	23.73	23.53	23.46		
10	QPSK	25	0	22.85	22.76	22.62	24	1
10	QPSK	25	12	22.75	22.67	22.60		
10	QPSK	25	25	22.76	22.72	22.49		
10	QPSK	50	0	22.81	22.76	22.52		
10	16QAM	1	0	22.61	22.84	22.90	24	1
10	16QAM	1	25	23.29	22.89	22.73		
10	16QAM	1	49	22.89	23.11	22.99		
10	16QAM	25	0	21.88	21.68	21.72	23	2
10	16QAM	25	12	21.72	21.62	21.59		
10	16QAM	25	25	21.80	21.60	21.42		
10	16QAM	50	0	21.87	21.62	21.56		
10	64QAM	1	0	21.54	21.53	21.61	23	2
10	64QAM	1	25	21.85	22.10	21.88		
10	64QAM	1	49	21.99	21.57	21.80		
10	64QAM	25	0	20.77	20.79	20.58	22	3
10	64QAM	25	12	20.79	20.68	20.67		
10	64QAM	25	25	20.85	20.75	20.45		
10	64QAM	50	0	20.77	20.69	20.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.62	23.42	23.40	25	0
5	QPSK	1	12	23.75	23.72	23.62		
5	QPSK	1	24	23.70	23.48	23.52		
5	QPSK	12	0	22.81	22.69	22.55	24	1
5	QPSK	12	7	22.88	22.73	22.58		
5	QPSK	12	13	22.75	22.59	22.41		
5	QPSK	25	0	22.72	22.74	22.48		
5	16QAM	1	0	23.10	22.73	22.60	24	1
5	16QAM	1	12	23.17	22.73	22.67		
5	16QAM	1	24	23.07	22.62	22.80		
5	16QAM	12	0	21.82	21.76	21.58	23	2
5	16QAM	12	7	21.87	21.76	21.57		
5	16QAM	12	13	21.75	21.63	21.30		
5	16QAM	25	0	21.76	21.64	21.59		
5	64QAM	1	0	22.01	21.93	21.46	23	2
5	64QAM	1	12	22.32	22.03	22.02		
5	64QAM	1	24	21.88	21.33	21.51		
5	64QAM	12	0	20.86	20.69	20.49	22	3
5	64QAM	12	7	20.81	20.70	20.57		
5	64QAM	12	13	20.78	20.71	20.38		
5	64QAM	25	0	20.72	20.67	20.48		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.71	23.63	23.45	25	0
3	QPSK	1	8	23.63	23.72	23.50		
3	QPSK	1	14	23.70	23.70	23.44		
3	QPSK	8	0	22.79	22.70	22.55	24	1
3	QPSK	8	4	22.73	22.78	22.64		
3	QPSK	8	7	22.80	22.74	22.56		
3	QPSK	15	0	22.77	22.73	22.45		
3	16QAM	1	0	22.84	23.11	22.66	24	1
3	16QAM	1	8	23.14	23.05	22.56		
3	16QAM	1	14	23.14	23.05	22.79		
3	16QAM	8	0	21.87	21.75	21.68	23	2
3	16QAM	8	4	22.00	21.83	21.53		
3	16QAM	8	7	21.98	21.67	21.55		
3	16QAM	15	0	21.90	21.79	21.63		
3	64QAM	1	0	21.53	21.46	21.80	23	2
3	64QAM	1	8	21.87	21.84	21.51		
3	64QAM	1	14	21.90	21.83	21.71		
3	64QAM	8	0	20.80	20.74	20.56	22	3
3	64QAM	8	4	20.92	20.61	20.47		
3	64QAM	8	7	20.84	20.75	20.54		
3	64QAM	15	0	20.86	20.65	20.53		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.73	23.58	23.36	25	0
1.4	QPSK	1	3	23.73	23.72	23.63		
1.4	QPSK	1	5	23.63	23.58	23.43		
1.4	QPSK	3	0	23.67	23.65	23.51		
1.4	QPSK	3	1	23.73	23.71	23.52		
1.4	QPSK	3	3	23.73	23.73	23.55		
1.4	QPSK	6	0	22.76	22.71	22.56	24	1
1.4	16QAM	1	0	22.85	22.57	22.49	24	1
1.4	16QAM	1	3	23.05	22.76	22.67		
1.4	16QAM	1	5	22.55	22.67	22.49		
1.4	16QAM	3	0	22.77	22.60	22.55		
1.4	16QAM	3	1	22.90	22.64	22.60		
1.4	16QAM	3	3	22.82	22.54	22.36		
1.4	16QAM	6	0	21.83	21.72	21.69	23	2
1.4	64QAM	1	0	21.94	21.82	21.50	23	2
1.4	64QAM	1	3	21.78	22.11	21.76		
1.4	64QAM	1	5	22.08	21.52	21.79		
1.4	64QAM	3	0	21.99	21.77	21.72		
1.4	64QAM	3	1	22.07	21.79	21.71		
1.4	64QAM	3	3	21.94	21.64	21.69		
1.4	64QAM	6	0	20.79	20.70	20.55	22	3

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	23.53	23.62	23.56	25	0
15	QPSK	1	37	23.60	23.83	23.53		
15	QPSK	1	74	23.55	23.57	23.46		
15	QPSK	36	0	22.51	22.54	22.41	24	1
15	QPSK	36	20	22.53	22.48	22.37		
15	QPSK	36	39	22.50	22.45	22.25		
15	QPSK	75	0	22.48	22.50	22.35		
15	16QAM	1	0	22.66	22.57	22.54	24	1
15	16QAM	1	37	22.83	22.81	22.71		
15	16QAM	1	74	22.59	22.51	22.41		
15	16QAM	36	0	21.51	21.52	21.40	23	2
15	16QAM	36	20	21.54	21.43	21.35		
15	16QAM	36	39	21.51	21.40	21.21		
15	16QAM	75	0	21.52	21.48	21.33		
15	64QAM	1	0	21.62	21.49	21.43	23	2
15	64QAM	1	37	21.82	21.73	21.64		
15	64QAM	1	74	21.48	21.45	21.33		
15	64QAM	36	0	20.49	20.48	20.43	22	3
15	64QAM	36	20	20.54	20.44	20.35		
15	64QAM	36	39	20.49	20.42	20.21		
15	64QAM	75	0	20.46	20.44	20.33		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.51	23.37	23.30	25	0
10	QPSK	1	25	23.57	23.45	23.29		
10	QPSK	1	49	23.41	23.32	23.20		
10	QPSK	25	0	22.57	22.54	22.39	24	1
10	QPSK	25	12	22.56	22.45	22.34		
10	QPSK	25	25	22.58	22.42	22.19		
10	QPSK	50	0	22.58	22.50	22.31		
10	16QAM	1	0	22.69	22.57	22.59	24	1
10	16QAM	1	25	22.78	22.68	22.56		
10	16QAM	1	49	22.66	22.61	22.47		
10	16QAM	25	0	21.55	21.51	21.37	23	2
10	16QAM	25	12	21.58	21.43	21.33		
10	16QAM	25	25	21.58	21.41	21.15		
10	16QAM	50	0	21.58	21.46	21.28		
10	64QAM	1	0	21.63	21.55	21.48	23	2
10	64QAM	1	25	21.77	21.61	21.52		
10	64QAM	1	49	21.66	21.47	21.39		
10	64QAM	25	0	20.53	20.52	20.38	22	3
10	64QAM	25	12	20.53	20.43	20.32		
10	64QAM	25	25	20.53	20.41	20.19		
10	64QAM	50	0	20.54	20.48	20.31		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.40	23.28	23.10	25	0
5	QPSK	1	12	22.61	23.50	23.43		
5	QPSK	1	24	23.39	23.25	23.13		
5	QPSK	12	0	22.52	22.43	22.32	24	1
5	QPSK	12	7	22.55	22.44	22.31		
5	QPSK	12	13	22.54	22.37	22.18		
5	QPSK	25	0	22.52	22.38	22.27		
5	16QAM	1	0	22.62	22.52	22.38	24	1
5	16QAM	1	12	22.91	22.78	22.60		
5	16QAM	1	24	22.61	22.47	22.37		
5	16QAM	12	0	21.53	21.39	21.29	23	2
5	16QAM	12	7	21.57	21.40	21.28		
5	16QAM	12	13	21.53	21.34	21.16		
5	16QAM	25	0	21.54	21.37	21.26		
5	64QAM	1	0	21.57	21.43	21.29	23	2
5	64QAM	1	12	21.87	21.66	21.52		
5	64QAM	1	24	21.59	21.45	21.30		
5	64QAM	12	0	20.52	20.43	20.33	22	3
5	64QAM	12	7	20.56	20.43	20.34		
5	64QAM	12	13	20.52	20.38	20.17		
5	64QAM	25	0	20.48	20.38	20.27		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.53	23.42	23.21	25	0
3	QPSK	1	8	23.48	23.36	23.22		
3	QPSK	1	14	23.49	23.36	23.25		
3	QPSK	8	0	22.54	22.40	22.28	24	1
3	QPSK	8	4	22.58	22.45	22.32		
3	QPSK	8	7	22.52	22.40	22.27		
3	QPSK	15	0	22.58	22.43	22.28		
3	16QAM	1	0	22.72	22.63	22.45	24	1
3	16QAM	1	8	22.72	22.59	22.47		
3	16QAM	1	14	22.75	22.61	22.47		
3	16QAM	8	0	21.63	21.47	21.33	23	2
3	16QAM	8	4	21.63	21.49	21.35		
3	16QAM	8	7	21.60	21.44	21.30		
3	16QAM	15	0	21.58	21.40	21.29		
3	64QAM	1	0	21.69	21.52	21.36	23	2
3	64QAM	1	8	21.65	21.53	21.41		
3	64QAM	1	14	21.72	21.52	21.40		
3	64QAM	8	0	20.55	20.44	20.31	22	3
3	64QAM	8	4	20.58	20.44	20.29		
3	64QAM	8	7	20.55	20.41	20.29		
3	64QAM	15	0	20.50	20.39	20.24		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.44	23.30	23.15	25	0
1.4	QPSK	1	3	23.55	23.40	23.28		
1.4	QPSK	1	5	23.44	23.28	23.17		
1.4	QPSK	3	0	23.54	23.42	23.27		
1.4	QPSK	3	1	23.58	23.47	23.35		
1.4	QPSK	3	3	23.56	23.41	23.29		
1.4	QPSK	6	0	22.57	22.42	22.30	24	1
1.4	16QAM	1	0	22.61	22.55	22.39	24	1
1.4	16QAM	1	3	22.78	22.67	22.47		
1.4	16QAM	1	5	22.64	22.57	22.35		
1.4	16QAM	3	0	22.50	22.37	22.24		
1.4	16QAM	3	1	22.54	22.41	22.29		
1.4	16QAM	3	3	22.52	22.38	22.22		
1.4	16QAM	6	0	21.65	21.46	21.37	23	2
1.4	64QAM	1	0	21.62	21.48	21.32	23	2
1.4	64QAM	1	3	21.79	21.54	21.41		
1.4	64QAM	1	5	21.62	21.48	21.33		
1.4	64QAM	3	0	21.66	21.50	21.36		
1.4	64QAM	3	1	21.71	21.54	21.42		
1.4	64QAM	3	3	21.64	21.47	21.39		
1.4	64QAM	6	0	20.52	20.38	20.26	22	3

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	22.63	22.87	22.82	24.5	0
20	QPSK	1	49	23.12	23.27	23.24		
20	QPSK	1	99	22.55	22.80	22.76		
20	QPSK	50	0	22.18	22.33	22.31	23.5	1
20	QPSK	50	24	21.95	22.22	22.16		
20	QPSK	50	50	22.11	22.07	21.94		
20	QPSK	100	0	22.00	22.20	22.18		
20	16QAM	1	0	22.15	22.26	22.11	23.5	1
20	16QAM	1	49	22.62	22.52	22.35		
20	16QAM	1	99	21.63	22.17	22.03		
20	16QAM	50	0	21.07	21.31	21.28	22.5	2
20	16QAM	50	24	21.13	21.22	21.18		
20	16QAM	50	50	21.06	21.03	21.13		
20	16QAM	100	0	21.07	21.18	21.17		
20	64QAM	1	0	20.52	21.12	21.21	22.5	2
20	64QAM	1	49	21.24	21.35	21.51		
20	64QAM	1	99	20.71	21.14	21.11		
20	64QAM	50	0	20.04	20.20	20.29	21.5	3
20	64QAM	50	24	20.02	20.24	20.20		
20	64QAM	50	50	19.99	20.12	19.88		
20	64QAM	100	0	20.07	20.09	20.17		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.82	23.02	23.05	24.5	0
15	QPSK	1	37	23.24	23.16	23.11		
15	QPSK	1	74	22.76	22.90	22.85		
15	QPSK	36	0	22.31	22.16	22.19	23.5	1
15	QPSK	36	20	22.16	22.20	22.16		
15	QPSK	36	39	21.94	22.18	22.10		
15	QPSK	75	0	22.18	22.14	22.15		
15	16QAM	1	0	22.11	22.14	22.19	23.5	1
15	16QAM	1	37	22.35	22.67	22.67		
15	16QAM	1	74	22.03	22.46	21.92		
15	16QAM	36	0	21.28	21.17	21.29	22.5	2
15	16QAM	36	20	21.18	21.27	21.21		
15	16QAM	36	39	21.13	21.16	21.10		
15	16QAM	75	0	21.17	21.26	21.24		
15	64QAM	1	0	21.21	21.44	21.11	22.5	2
15	64QAM	1	37	21.51	21.20	21.44		
15	64QAM	1	74	21.11	21.12	21.11		
15	64QAM	36	0	20.29	20.19	20.12	21.5	3
15	64QAM	36	20	20.20	20.23	20.18		
15	64QAM	36	39	19.88	20.07	20.10		
15	64QAM	75	0	20.17	20.19	20.17		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.92	23.03	23.22	24.5	0
10	QPSK	1	25	23.12	23.22	23.06		
10	QPSK	1	49	22.82	23.13	22.88		
10	QPSK	25	0	22.02	22.11	22.20	23.5	1
10	QPSK	25	12	21.97	22.14	22.17		
10	QPSK	25	25	22.09	22.13	22.04		
10	QPSK	50	0	21.98	22.16	22.16		
10	16QAM	1	0	22.10	22.61	22.54	23.5	1
10	16QAM	1	25	22.11	22.63	22.32		
10	16QAM	1	49	22.20	22.29	22.42		
10	16QAM	25	0	21.04	21.19	21.17	22.5	2
10	16QAM	25	12	21.02	21.25	21.18		
10	16QAM	25	25	21.12	21.15	21.12		
10	16QAM	50	0	21.06	21.25	21.09		
10	64QAM	1	0	21.31	21.28	21.46	22.5	2
10	64QAM	1	25	21.38	21.42	21.42		
10	64QAM	1	49	20.89	21.37	21.33		
10	64QAM	25	0	19.98	20.19	20.23	21.5	3
10	64QAM	25	12	20.13	20.24	20.09		
10	64QAM	25	25	19.93	20.15	19.97		
10	64QAM	50	0	20.03	20.15	20.12		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.84	23.01	22.93	24.5	0
5	QPSK	1	12	23.10	23.07	23.25		
5	QPSK	1	24	22.94	22.96	22.94		
5	QPSK	12	0	21.92	22.12	22.12	23.5	1
5	QPSK	12	7	22.05	22.19	22.20		
5	QPSK	12	13	22.04	22.13	22.09		
5	QPSK	25	0	22.00	22.01	22.07		
5	16QAM	1	0	22.40	22.10	22.15	23.5	1
5	16QAM	1	12	22.35	22.29	22.14		
5	16QAM	1	24	22.06	22.14	21.78		
5	16QAM	12	0	21.01	21.09	21.18	22.5	2
5	16QAM	12	7	21.13	21.15	21.21		
5	16QAM	12	13	20.95	21.13	21.10		
5	16QAM	25	0	21.05	21.20	21.03		
5	64QAM	1	0	21.15	21.06	21.24	22.5	2
5	64QAM	1	12	21.21	21.70	21.37		
5	64QAM	1	24	21.13	21.29	21.18		
5	64QAM	12	0	19.98	20.17	20.06	21.5	3
5	64QAM	12	7	20.06	20.11	20.26		
5	64QAM	12	13	19.99	20.03	20.03		
5	64QAM	25	0	19.91	20.07	20.14		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.89	23.17	22.97	24.5	0
3	QPSK	1	8	22.95	23.10	23.00		
3	QPSK	1	14	22.97	23.01	23.09		
3	QPSK	8	0	21.92	22.16	21.97	23.5	1
3	QPSK	8	4	22.00	22.15	22.03		
3	QPSK	8	7	21.95	22.15	22.07		
3	QPSK	15	0	22.00	22.14	22.09		
3	16QAM	1	0	22.50	22.35	22.44	23.5	1
3	16QAM	1	8	22.02	22.40	22.28		
3	16QAM	1	14	22.40	22.10	22.09		
3	16QAM	8	0	21.12	21.17	21.07	22.5	2
3	16QAM	8	4	21.12	21.22	21.17		
3	16QAM	8	7	20.99	21.18	21.25		
3	16QAM	15	0	21.12	21.19	21.08		
3	64QAM	1	0	21.22	21.35	21.27	22.5	2
3	64QAM	1	8	21.25	21.44	21.09		
3	64QAM	1	14	21.03	21.20	21.18		
3	64QAM	8	0	20.10	20.14	20.07	21.5	3
3	64QAM	8	4	20.07	20.26	20.02		
3	64QAM	8	7	19.90	20.27	20.28		
3	64QAM	15	0	20.01	20.26	20.07		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.89	22.99	22.99	24.5	0
1.4	QPSK	1	3	22.90	23.10	23.10		
1.4	QPSK	1	5	22.85	22.97	22.97		
1.4	QPSK	3	0	22.93	23.05	23.05		
1.4	QPSK	3	1	23.07	23.08	23.08		
1.4	QPSK	3	3	22.95	23.05	23.05		
1.4	QPSK	6	0	22.05	22.16	22.16	23.5	1
1.4	16QAM	1	0	22.32	22.26	22.26	23.5	1
1.4	16QAM	1	3	22.32	22.59	22.59		
1.4	16QAM	1	5	22.15	22.40	22.40		
1.4	16QAM	3	0	22.07	21.86	21.86		
1.4	16QAM	3	1	22.00	22.00	22.00		
1.4	16QAM	3	3	21.81	22.14	22.14		
1.4	16QAM	6	0	21.03	21.24	21.24	22.5	2
1.4	64QAM	1	0	21.18	21.34	21.34	22.5	2
1.4	64QAM	1	3	21.09	21.33	21.33		
1.4	64QAM	1	5	21.23	21.40	21.40		
1.4	64QAM	3	0	21.16	21.37	21.37		
1.4	64QAM	3	1	21.25	21.38	21.38		
1.4	64QAM	3	3	20.78	21.16	21.16		
1.4	64QAM	6	0	19.93	20.17	20.17	21.5	3

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	22.93	23.04	23.05	24.5	0
20	QPSK	1	49	23.33	23.57	23.37		
20	QPSK	1	99	22.84	22.88	22.88		
20	QPSK	50	0	22.24	22.45	22.44	23.5	1
20	QPSK	50	24	22.23	22.37	22.41		
20	QPSK	50	50	22.22	22.28	22.23		
20	QPSK	100	0	22.22	22.32	22.30		
20	16QAM	1	0	22.23	22.24	22.34	23.5	1
20	16QAM	1	49	22.62	22.62	22.66		
20	16QAM	1	99	22.12	22.18	22.13		
20	16QAM	50	0	21.25	21.43	21.49	22.5	2
20	16QAM	50	24	21.29	21.40	21.43		
20	16QAM	50	50	21.28	21.32	21.24		
20	16QAM	100	0	21.26	21.32	21.33		
20	64QAM	1	0	21.12	21.21	21.24	22.5	2
20	64QAM	1	49	21.57	21.54	21.53		
20	64QAM	1	99	21.11	21.08	21.06		
20	64QAM	50	0	20.25	20.43	20.47	21.5	3
20	64QAM	50	24	20.27	20.38	20.41		
20	64QAM	50	50	20.24	20.29	20.22		
20	64QAM	100	0	20.24	20.32	20.32		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.05	23.19	23.21	24.5	0
15	QPSK	1	37	23.32	23.38	23.46		
15	QPSK	1	74	22.99	23.10	23.05		
15	QPSK	36	0	22.20	22.37	22.39	23.5	1
15	QPSK	36	20	22.23	22.39	22.35		
15	QPSK	36	39	22.23	22.26	22.25		
15	QPSK	75	0	22.22	22.32	22.33		
15	16QAM	1	0	22.39	22.43	22.48	23.5	1
15	16QAM	1	37	22.67	22.71	22.70		
15	16QAM	1	74	22.33	22.33	22.30		
15	16QAM	36	0	21.24	21.34	21.40	22.5	2
15	16QAM	36	20	21.26	21.36	21.35		
15	16QAM	36	39	21.21	21.29	21.26		
15	16QAM	75	0	21.29	21.32	21.37		
15	64QAM	1	0	21.29	21.40	21.41	22.5	2
15	64QAM	1	37	21.55	21.59	21.71		
15	64QAM	1	74	21.23	21.40	21.22		
15	64QAM	36	0	20.20	20.35	20.40	21.5	3
15	64QAM	36	20	20.25	20.35	20.35		
15	64QAM	36	39	20.22	20.29	20.23		
15	64QAM	75	0	20.21	20.29	20.30		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.10	23.24	23.23	24.5	0
10	QPSK	1	25	23.26	23.34	23.35		
10	QPSK	1	49	23.08	23.20	23.09		
10	QPSK	25	0	22.19	22.31	22.37	23.5	1
10	QPSK	25	12	22.24	22.33	22.31		
10	QPSK	25	25	22.24	22.26	22.25		
10	QPSK	50	0	22.22	22.31	22.32		
10	16QAM	1	0	22.42	22.48	22.47	23.5	1
10	16QAM	1	25	22.57	22.60	22.55		
10	16QAM	1	49	22.39	22.46	22.36		
10	16QAM	25	0	21.24	21.34	21.42	22.5	2
10	16QAM	25	12	21.29	21.37	21.36		
10	16QAM	25	25	21.27	21.28	21.27		
10	16QAM	50	0	21.28	21.35	21.36		
10	64QAM	1	0	21.32	21.42	21.44	22.5	2
10	64QAM	1	25	21.49	21.52	21.51		
10	64QAM	1	49	21.33	21.40	21.31		
10	64QAM	25	0	20.18	20.35	20.36	21.5	3
10	64QAM	25	12	20.25	20.34	20.33		
10	64QAM	25	25	20.20	20.30	20.22		
10	64QAM	50	0	20.21	20.33	20.29		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.01	23.15	23.11	24.5	0
5	QPSK	1	12	23.32	23.40	23.33		
5	QPSK	1	24	23.03	23.11	23.08		
5	QPSK	12	0	22.13	22.24	22.30	23.5	1
5	QPSK	12	7	22.20	22.31	22.26		
5	QPSK	12	13	22.19	22.23	22.22		
5	QPSK	25	0	22.13	22.22	22.27		
5	16QAM	1	0	22.33	22.45	22.42	23.5	1
5	16QAM	1	12	22.56	22.64	22.65		
5	16QAM	1	24	22.31	22.35	22.32		
5	16QAM	12	0	21.16	21.26	21.31	22.5	2
5	16QAM	12	7	21.23	21.33	21.30		
5	16QAM	12	13	21.23	21.22	21.22		
5	16QAM	25	0	21.18	21.27	21.27		
5	64QAM	1	0	21.25	21.35	21.37	22.5	2
5	64QAM	1	12	21.50	21.58	21.58		
5	64QAM	1	24	21.25	21.27	21.26		
5	64QAM	12	0	20.19	20.28	20.29	21.5	3
5	64QAM	12	7	20.24	20.34	20.33		
5	64QAM	12	13	20.17	20.27	20.22		
5	64QAM	25	0	20.13	20.22	20.25		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.15	23.26	23.22	24.5	0
3	QPSK	1	8	23.10	23.25	23.18		
3	QPSK	1	14	23.14	23.24	23.18		
3	QPSK	8	0	22.16	22.29	22.27	23.5	1
3	QPSK	8	4	22.20	22.31	22.26		
3	QPSK	8	7	22.16	22.28	22.25		
3	QPSK	15	0	22.16	22.29	22.25		
3	16QAM	1	0	22.39	22.50	22.50	23.5	1
3	16QAM	1	8	22.38	22.48	22.44		
3	16QAM	1	14	22.44	22.47	22.45		
3	16QAM	8	0	21.28	21.40	21.33	22.5	2
3	16QAM	8	4	21.30	21.39	21.34		
3	16QAM	8	7	21.26	21.35	21.33		
3	16QAM	15	0	21.22	21.32	21.30		
3	64QAM	1	0	21.39	21.42	21.40	22.5	2
3	64QAM	1	8	21.36	21.46	21.39		
3	64QAM	1	14	21.39	21.44	21.41		
3	64QAM	8	0	20.23	20.34	20.29	21.5	3
3	64QAM	8	4	20.25	20.37	20.35		
3	64QAM	8	7	20.23	20.36	20.29		
3	64QAM	15	0	20.16	20.29	20.27		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.05	23.19	23.14	24.5	0
1.4	QPSK	1	3	23.18	23.31	23.29		
1.4	QPSK	1	5	23.08	23.20	23.13		
1.4	QPSK	3	0	23.15	23.30	23.24		
1.4	QPSK	3	1	23.21	23.38	23.29		
1.4	QPSK	3	3	23.16	23.31	23.26		
1.4	QPSK	6	0	22.18	22.27	22.28	23.5	1
1.4	16QAM	1	0	22.34	22.47	22.36	23.5	1
1.4	16QAM	1	3	22.45	22.59	22.53		
1.4	16QAM	1	5	22.33	22.45	22.39		
1.4	16QAM	3	0	22.18	22.30	22.21		
1.4	16QAM	3	1	22.22	22.38	22.30		
1.4	16QAM	3	3	22.16	22.29	22.18		
1.4	16QAM	6	0	21.31	21.41	21.36	22.5	2
1.4	64QAM	1	0	21.28	21.35	21.32	22.5	2
1.4	64QAM	1	3	21.41	21.54	21.50		
1.4	64QAM	1	5	21.27	21.40	21.33		
1.4	64QAM	3	0	21.30	21.40	21.40		
1.4	64QAM	3	1	21.41	21.47	21.46		
1.4	64QAM	3	3	21.34	21.40	21.40		
1.4	64QAM	6	0	20.18	20.32	20.25	21.5	3

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	23.26	23.34	23.21	24.5	0
20	QPSK	1	49	23.70	23.72	23.71		
20	QPSK	1	99	23.12	23.20	23.31		
20	QPSK	50	0	22.28	22.48	22.46	23.5	1
20	QPSK	50	24	22.34	22.40	22.42		
20	QPSK	50	50	22.33	22.33	22.42		
20	QPSK	100	0	22.30	22.48	22.42		
20	16QAM	1	0	22.10	22.15	22.22	23.5	1
20	16QAM	1	49	22.56	22.62	22.67		
20	16QAM	1	99	22.27	22.24	22.30		
20	16QAM	50	0	21.35	21.40	21.52	22.5	2
20	16QAM	50	24	21.36	21.43	21.56		
20	16QAM	50	50	21.31	21.39	21.54		
20	16QAM	100	0	21.35	21.41	21.55		
20	64QAM	1	0	20.89	20.87	20.98	22.5	2
20	64QAM	1	49	21.24	21.35	21.47		
20	64QAM	1	99	20.98	21.03	21.14		
20	64QAM	50	0	20.23	20.38	20.44	21.5	3
20	64QAM	50	24	20.29	20.36	20.45		
20	64QAM	50	50	20.27	20.32	20.49		
20	64QAM	100	0	20.34	20.40	20.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.09	23.21	23.30	24.5	0
15	QPSK	1	37	23.30	23.32	23.32		
15	QPSK	1	74	23.27	23.26	23.33		
15	QPSK	36	0	22.34	22.41	22.54	23.5	1
15	QPSK	36	20	22.43	22.46	22.58		
15	QPSK	36	39	22.46	22.53	22.54		
15	QPSK	75	0	22.31	22.39	22.44		
15	16QAM	1	0	22.21	22.30	22.45	23.5	1
15	16QAM	1	37	22.50	22.56	22.65		
15	16QAM	1	74	22.36	22.44	22.49		
15	16QAM	36	0	21.24	21.42	21.39	22.5	2
15	16QAM	36	20	21.33	21.46	21.51		
15	16QAM	36	39	21.34	21.44	21.52		
15	16QAM	75	0	21.24	21.34	21.54		
15	64QAM	1	0	21.05	21.05	21.14	22.5	2
15	64QAM	1	37	21.24	21.33	21.47		
15	64QAM	1	74	21.09	21.20	21.32		
15	64QAM	36	0	20.26	20.44	20.50	21.5	3
15	64QAM	36	20	20.31	20.44	20.51		
15	64QAM	36	39	20.34	20.40	20.51		
15	64QAM	75	0	20.25	20.36	20.54		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.27	23.29	23.25	24.5	0
10	QPSK	1	25	23.21	23.29	23.26		
10	QPSK	1	49	23.24	23.30	23.32		
10	QPSK	25	0	22.37	22.54	22.60	23.5	1
10	QPSK	25	12	22.45	22.46	22.60		
10	QPSK	25	25	22.42	22.49	22.60		
10	QPSK	50	0	22.37	22.43	22.56		
10	16QAM	1	0	22.41	22.43	22.48	23.5	1
10	16QAM	1	25	22.38	22.46	22.54		
10	16QAM	1	49	22.42	22.50	22.62		
10	16QAM	25	0	21.34	21.57	21.64	22.5	2
10	16QAM	25	12	21.39	21.51	21.67		
10	16QAM	25	25	21.39	21.47	21.68		
10	16QAM	50	0	21.44	21.41	21.71		
10	64QAM	1	0	21.11	21.24	21.33	22.5	2
10	64QAM	1	25	21.18	21.21	21.33		
10	64QAM	1	49	21.18	21.22	21.41		
10	64QAM	25	0	20.40	20.56	20.62	21.5	3
10	64QAM	25	12	20.39	20.50	20.63		
10	64QAM	25	25	20.35	20.41	20.67		
10	64QAM	50	0	20.33	20.44	20.58		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.17	23.28	23.26	24.5	0
5	QPSK	1	12	23.31	23.27	23.24		
5	QPSK	1	24	23.17	23.26	23.29		
5	QPSK	12	0	22.25	22.56	22.59	23.5	1
5	QPSK	12	7	22.38	22.53	22.66		
5	QPSK	12	13	22.26	22.46	22.63		
5	QPSK	25	0	22.31	22.43	22.54		
5	16QAM	1	0	22.23	22.39	22.48	23.5	1
5	16QAM	1	12	22.40	22.53	22.67		
5	16QAM	1	24	22.28	22.37	22.47		
5	16QAM	12	0	21.26	21.43	21.58	22.5	2
5	16QAM	12	7	21.28	21.43	21.61		
5	16QAM	12	13	21.22	21.29	21.56		
5	16QAM	25	0	21.28	21.41	21.65		
5	64QAM	1	0	21.07	21.13	21.29	22.5	2
5	64QAM	1	12	21.10	21.37	21.55		
5	64QAM	1	24	21.06	21.16	21.32		
5	64QAM	12	0	20.23	20.43	20.58	21.5	3
5	64QAM	12	7	20.30	20.43	20.63		
5	64QAM	12	13	20.23	20.34	20.59		
5	64QAM	25	0	20.27	20.47	20.68		

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	22.79	22.91	23.05	24.5	0
20	QPSK	1	49	23.36	23.62	23.52		
20	QPSK	1	99	23.08	23.16	23.22		
20	QPSK	50	0	22.19	22.44	22.42	23.5	1
20	QPSK	50	24	22.24	22.38	22.43		
20	QPSK	50	50	22.17	22.29	22.38		
20	QPSK	100	0	22.24	22.48	22.44		
20	16QAM	1	0	21.92	22.04	22.19	23.5	1
20	16QAM	1	49	22.43	22.57	22.66		
20	16QAM	1	99	22.15	22.29	22.37		
20	16QAM	50	0	21.17	21.31	21.49	22.5	2
20	16QAM	50	24	21.23	21.36	21.53		
20	16QAM	50	50	21.22	21.33	21.49		
20	16QAM	100	0	21.22	21.36	21.50		
20	64QAM	1	0	20.66	20.82	20.88	22.5	2
20	64QAM	1	49	21.15	21.28	21.38		
20	64QAM	1	99	20.87	20.96	21.09		
20	64QAM	50	0	20.12	20.28	20.45	21.5	3
20	64QAM	50	24	20.18	20.29	20.47		
20	64QAM	50	50	20.19	20.31	20.45		
20	64QAM	100	0	20.16	20.32	20.48		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.99	23.13	23.32	24.5	0
15	QPSK	1	37	23.31	23.47	23.51		
15	QPSK	1	74	23.14	23.24	23.47		
15	QPSK	36	0	22.26	22.40	22.55	23.5	1
15	QPSK	36	20	22.27	22.47	22.47		
15	QPSK	36	39	22.31	22.49	22.53		
15	QPSK	75	0	22.17	22.30	22.40		
15	16QAM	1	0	22.16	22.24	22.39	23.5	1
15	16QAM	1	37	22.43	22.54	22.64		
15	16QAM	1	74	22.24	22.44	22.51		
15	16QAM	36	0	21.16	21.33	21.39	22.5	2
15	16QAM	36	20	21.23	21.37	21.44		
15	16QAM	36	39	21.27	21.37	21.53		
15	16QAM	75	0	21.18	21.30	21.47		
15	64QAM	1	0	20.96	20.99	21.13	22.5	2
15	64QAM	1	37	21.15	21.32	21.44		
15	64QAM	1	74	21.02	21.16	21.31		
15	64QAM	36	0	20.14	20.33	20.46	21.5	3
15	64QAM	36	20	20.24	20.38	20.51		
15	64QAM	36	39	20.28	20.38	20.53		
15	64QAM	75	0	20.12	20.34	20.40		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.17	23.33	23.42	24.5	0
10	QPSK	1	25	23.26	23.27	23.43		
10	QPSK	1	49	23.19	23.38	23.51		
10	QPSK	25	0	23.18	22.49	22.53	23.5	1
10	QPSK	25	12	23.20	22.46	22.55		
10	QPSK	25	25	22.26	22.48	22.58		
10	QPSK	50	0	22.34	22.41	22.58		
10	16QAM	1	0	22.34	22.42	22.59	23.5	1
10	16QAM	1	25	22.36	22.38	22.50		
10	16QAM	1	49	22.31	22.46	22.57		
10	16QAM	25	0	22.37	21.47	21.61	22.5	2
10	16QAM	25	12	22.29	21.52	21.63		
10	16QAM	25	25	21.24	21.43	21.65		
10	16QAM	50	0	21.28	21.50	21.66		
10	64QAM	1	0	21.35	21.19	21.33	22.5	2
10	64QAM	1	25	21.29	21.18	21.31		
10	64QAM	1	49	21.05	21.21	21.39		
10	64QAM	25	0	21.03	20.48	20.60	21.5	3
10	64QAM	25	12	21.07	20.44	20.62		
10	64QAM	25	25	20.26	20.44	20.67		
10	64QAM	50	0	20.30	20.40	20.60		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.08	23.19	23.34	24.5	0
5	QPSK	1	12	23.23	23.40	23.58		
5	QPSK	1	24	23.08	23.28	23.44		
5	QPSK	12	0	22.19	22.41	22.63	23.5	1
5	QPSK	12	7	22.32	22.49	22.63		
5	QPSK	12	13	22.18	22.44	22.64		
5	QPSK	25	0	22.30	22.35	22.52		
5	16QAM	1	0	22.19	22.30	22.49	23.5	1
5	16QAM	1	12	22.33	22.58	22.72		
5	16QAM	1	24	22.25	22.35	22.55		
5	16QAM	12	0	21.14	21.34	21.55	22.5	2
5	16QAM	12	7	21.25	21.38	21.64		
5	16QAM	12	13	21.12	21.32	21.53		
5	16QAM	25	0	21.25	21.44	21.64		
5	64QAM	1	0	20.93	21.14	21.27	22.5	2
5	64QAM	1	12	21.13	21.33	21.42		
5	64QAM	1	24	20.99	21.09	21.30		
5	64QAM	12	0	20.17	20.42	20.58	21.5	3
5	64QAM	12	7	20.28	20.43	20.62		
5	64QAM	12	13	20.19	20.33	20.54		
5	64QAM	25	0	20.22	20.47	20.65		

Band 41_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	23.30	23.22	23.18	23.43	24.5	0
20	QPSK	1	49	23.37	23.39	23.50	23.88		
20	QPSK	1	99	23.22	23.13	23.38	23.51		
20	QPSK	50	0	22.29	22.38	22.48	22.85	23.5	1
20	QPSK	50	24	22.22	22.29	22.47	22.80		
20	QPSK	50	50	22.21	22.37	22.42	22.74		
20	QPSK	100	0	22.18	22.36	22.61	22.72		
20	16QAM	1	0	22.20	22.15	22.23	22.49	23.5	1
20	16QAM	1	49	22.47	22.55	22.72	22.97		
20	16QAM	1	99	22.14	22.23	22.38	22.60		
20	16QAM	50	0	21.23	21.33	21.50	21.74	22.5	2
20	16QAM	50	24	21.23	21.35	21.51	21.92		
20	16QAM	50	50	21.25	21.33	21.51	21.90		
20	16QAM	100	0	21.19	21.35	21.48	21.83		
20	64QAM	1	0	21.02	21.04	20.96	21.36	22.5	2
20	64QAM	1	49	21.21	21.34	21.44	21.74		
20	64QAM	1	99	21.00	20.99	21.14	21.39		
20	64QAM	50	0	20.13	20.26	20.36	20.74	21.5	3
20	64QAM	50	24	20.12	20.24	20.48	20.87		
20	64QAM	50	50	20.18	20.27	20.37	20.78		
20	64QAM	100	0	20.13	20.30	20.48	20.78		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	23.15	23.06	23.21	23.25	24.5	0
15	QPSK	1	37	23.27	23.45	23.52	23.52		
15	QPSK	1	74	23.14	23.26	23.45	23.43		
15	QPSK	36	0	22.29	22.28	22.55	22.58	23.5	1
15	QPSK	36	20	22.31	22.37	22.54	22.58		
15	QPSK	36	39	22.37	22.44	22.59	22.66		
15	QPSK	75	0	22.29	22.35	22.56	22.49		
15	16QAM	1	0	22.31	22.19	22.36	22.45	23.5	1
15	16QAM	1	37	22.47	22.49	22.63	22.65		
15	16QAM	1	74	22.27	22.31	22.52	22.47		
15	16QAM	36	0	21.15	21.27	21.49	21.55	22.5	2
15	16QAM	36	20	21.21	21.24	21.51	21.54		
15	16QAM	36	39	21.16	21.29	21.46	21.56		
15	16QAM	75	0	21.19	21.26	21.45	21.56		
15	64QAM	1	0	20.88	20.97	21.07	21.10	22.5	2
15	64QAM	1	37	21.14	21.21	21.37	21.38		
15	64QAM	1	74	21.05	21.04	21.33	21.27		
15	64QAM	36	0	20.22	20.25	20.52	20.58	21.5	3
15	64QAM	36	20	20.23	20.26	20.47	20.44		
15	64QAM	36	39	20.25	20.32	20.47	20.51		
15	64QAM	75	0	20.16	20.30	20.40	20.44		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	23.20	23.23	23.44	23.49	24.5	0
10	QPSK	1	25	23.12	23.24	23.35	23.44		
10	QPSK	1	49	23.26	23.30	23.52	23.56		
10	QPSK	25	0	22.28	22.36	22.59	22.66	23.5	1
10	QPSK	25	12	22.28	22.33	22.67	22.67		
10	QPSK	25	25	22.33	22.35	22.46	22.64		
10	QPSK	50	0	22.35	22.30	22.52	22.47		
10	16QAM	1	0	22.37	22.35	22.52	22.51	23.5	1
10	16QAM	1	25	22.21	22.32	22.45	22.53		
10	16QAM	1	49	22.28	22.44	22.53	22.58		
10	16QAM	25	0	21.30	21.37	21.64	21.65	22.5	2
10	16QAM	25	12	21.30	21.30	21.54	21.63		
10	16QAM	25	25	21.36	21.34	21.51	21.61		
10	16QAM	50	0	21.32	21.36	21.58	21.49		
10	64QAM	1	0	21.02	21.11	21.18	21.24	22.5	2
10	64QAM	1	25	21.01	21.11	21.32	21.30		
10	64QAM	1	49	21.01	21.10	21.41	21.35		
10	64QAM	25	0	20.26	20.30	20.64	20.56	21.5	3
10	64QAM	25	12	20.38	20.30	20.60	20.67		
10	64QAM	25	25	20.31	20.34	20.56	20.53		
10	64QAM	50	0	20.24	20.27	20.39	20.57		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	23.18	23.12	23.33	23.29	24.5	0
5	QPSK	1	12	23.30	23.34	23.54	23.54		
5	QPSK	1	24	23.12	23.20	23.37	23.45		
5	QPSK	12	0	22.31	22.31	22.62	22.57	23.5	1
5	QPSK	12	7	22.38	22.39	22.65	22.60		
5	QPSK	12	13	22.28	22.29	22.65	22.46		
5	QPSK	25	0	22.26	22.33	22.45	22.44		
5	16QAM	1	0	22.24	22.29	22.42	22.49	23.5	1
5	16QAM	1	12	22.40	22.51	22.65	22.62		
5	16QAM	1	24	22.26	22.29	22.49	22.46		
5	16QAM	12	0	21.23	21.21	21.48	21.51	22.5	2
5	16QAM	12	7	21.32	21.30	21.53	21.62		
5	16QAM	12	13	21.19	21.22	21.45	21.47		
5	16QAM	25	0	21.32	21.30	21.52	21.55		
5	64QAM	1	0	20.97	21.01	21.27	21.15	22.5	2
5	64QAM	1	12	21.13	21.24	21.41	21.42		
5	64QAM	1	24	20.97	21.08	21.21	21.26		
5	64QAM	12	0	20.16	20.25	20.46	20.44	21.5	3
5	64QAM	12	7	20.24	20.26	20.52	20.54		
5	64QAM	12	13	20.21	20.26	20.46	20.46		
5	64QAM	25	0	20.29	20.30	20.50	20.53		

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	22.80	22.83	22.85	23.13	24.5	0
20	QPSK	1	49	22.99	23.10	23.33	23.68		
20	QPSK	1	99	22.85	22.95	23.10	23.17		
20	QPSK	50	0	21.89	22.01	22.28	22.55	23.5	1
20	QPSK	50	24	21.82	21.95	22.27	22.49		
20	QPSK	50	50	21.86	21.99	22.18	22.38		
20	QPSK	100	0	21.85	22.00	22.27	22.44		
20	16QAM	1	0	21.71	21.76	21.94	22.19	23.5	1
20	16QAM	1	49	22.10	22.25	22.43	22.40		
20	16QAM	1	99	21.80	21.91	22.14	22.24		
20	16QAM	50	0	20.99	20.96	21.26	21.56	22.5	2
20	16QAM	50	24	20.88	20.99	21.21	21.57		
20	16QAM	50	50	20.91	21.04	21.23	21.56		
20	16QAM	100	0	20.84	21.07	21.28	21.54		
20	64QAM	1	0	20.59	20.56	20.66	21.02	22.5	2
20	64QAM	1	49	20.87	20.93	21.22	21.43		
20	64QAM	1	99	20.57	20.62	20.95	21.07		
20	64QAM	50	0	19.74	19.90	20.10	20.46	21.5	3
20	64QAM	50	24	19.85	19.95	20.24	20.57		
20	64QAM	50	50	19.85	19.98	20.22	20.45		
20	64QAM	100	0	19.81	20.01	20.26	20.49		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	22.69	22.77	23.03	23.05	24.5	0
15	QPSK	1	37	22.87	23.07	23.37	23.29		
15	QPSK	1	74	22.70	22.92	23.18	23.25		
15	QPSK	36	0	21.83	22.04	22.35	22.33	23.5	1
15	QPSK	36	20	21.85	22.09	22.30	22.39		
15	QPSK	36	39	21.91	22.10	22.38	22.40		
15	QPSK	75	0	21.82	21.96	22.30	22.29		
15	16QAM	1	0	21.87	21.87	22.07	22.09	23.5	1
15	16QAM	1	37	22.01	22.17	22.41	22.42		
15	16QAM	1	74	21.86	22.10	22.32	22.30		
15	16QAM	36	0	20.79	20.96	21.21	21.27	22.5	2
15	16QAM	36	20	20.86	20.95	21.24	21.25		
15	16QAM	36	39	20.83	21.02	21.25	21.29		
15	16QAM	75	0	20.85	20.95	21.24	21.26		
15	64QAM	1	0	20.58	20.65	20.90	20.92	22.5	2
15	64QAM	1	37	20.75	20.89	21.15	21.16		
15	64QAM	1	74	20.65	20.83	21.05	21.06		
15	64QAM	36	0	19.83	19.97	20.26	20.22	21.5	3
15	64QAM	36	20	19.81	20.00	20.24	20.17		
15	64QAM	36	39	19.89	20.05	20.25	20.29		
15	64QAM	75	0	19.87	19.97	20.18	20.27		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	22.84	22.95	23.15	23.14	24.5	0
10	QPSK	1	25	22.66	22.85	23.13	23.13		
10	QPSK	1	49	22.78	22.99	23.26	23.29		
10	QPSK	25	0	21.82	22.00	22.38	22.38	23.5	1
10	QPSK	25	12	21.83	21.98	22.38	22.37		
10	QPSK	25	25	21.91	22.04	22.34	22.35		
10	QPSK	50	0	21.91	22.05	22.26	22.26		
10	16QAM	1	0	21.85	22.02	22.24	22.27	23.5	1
10	16QAM	1	25	21.78	22.01	22.32	22.31		
10	16QAM	1	49	21.89	22.06	22.35	22.42		
10	16QAM	25	0	20.85	21.03	21.33	21.45	22.5	2
10	16QAM	25	12	20.95	20.96	21.34	21.40		
10	16QAM	25	25	20.95	21.06	21.25	21.33		
10	16QAM	50	0	20.95	21.04	21.36	21.38		
10	64QAM	1	0	20.69	20.74	21.04	21.03	22.5	2
10	64QAM	1	25	20.59	20.80	21.03	21.03		
10	64QAM	1	49	20.71	20.84	21.07	21.08		
10	64QAM	25	0	19.86	19.99	20.32	20.40	21.5	3
10	64QAM	25	12	19.94	20.09	20.35	20.38		
10	64QAM	25	25	19.92	20.06	20.32	20.40		
10	64QAM	50	0	19.87	20.01	20.28	20.34		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	22.63	22.70	23.02	23.06	24.5	0
5	QPSK	1	12	22.92	22.94	23.30	23.29		
5	QPSK	1	24	22.68	22.75	23.14	23.17		
5	QPSK	12	0	21.82	21.92	22.38	22.37	23.5	1
5	QPSK	12	7	21.88	21.95	22.40	22.41		
5	QPSK	12	13	21.84	21.96	22.31	22.33		
5	QPSK	25	0	21.79	21.91	22.27	22.30		
5	16QAM	1	0	21.85	21.93	22.16	22.20	23.5	1
5	16QAM	1	12	21.99	22.13	22.46	22.39		
5	16QAM	1	24	21.74	22.00	22.29	22.29		
5	16QAM	12	0	20.69	20.90	21.25	21.22	22.5	2
5	16QAM	12	7	20.76	21.03	21.27	21.32		
5	16QAM	12	13	20.75	20.96	21.26	21.21		
5	16QAM	25	0	20.82	20.97	21.32	21.33		
5	64QAM	1	0	20.50	20.73	20.99	20.99	22.5	2
5	64QAM	1	12	20.68	20.95	21.14	21.15		
5	64QAM	1	24	20.50	20.67	21.05	21.05		
5	64QAM	12	0	19.78	19.96	20.32	20.33	21.5	3
5	64QAM	12	7	19.83	19.96	20.31	20.35		
5	64QAM	12	13	19.73	19.99	20.23	20.25		
5	64QAM	25	0	19.75	19.96	20.36	20.36		

Reduced Power for DSI3

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.28	32.39	32.42	**33.50**	23.28	23.39	23.42	24.50
GPRS 1 Tx slot	32.27	32.37	32.41	**33.50**	23.27	23.37	23.41	24.50
GPRS 2 Tx slots	29.82	29.94	29.95	**30.50**	23.82	23.94	23.95	24.50
GPRS 3 Tx slots	28.08	28.13	28.16	**28.50**	23.82	23.87	23.90	24.24
GPRS 4 Tx slots	26.73	26.83	26.82	**27.50**	23.73	23.83	23.82	24.50
EDGE 1 Tx slot	27.04	27.06	27.02	**28.00**	18.04	18.06	18.02	19.00
EDGE 2 Tx slots	24.17	24.15	23.80	**25.00**	18.17	18.15	17.80	19.00
EDGE 3 Tx slots	22.65	22.57	22.50	**24.00**	18.39	18.31	18.24	19.74
EDGE 4 Tx slots	21.07	21.15	21.01	**22.50**	18.07	18.15	18.01	19.50
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	27.82	27.85	27.69	**28.50**	18.82	18.85	18.69	19.50
GPRS 1 Tx slot	27.79	27.80	27.64	**28.50**	18.79	18.80	18.64	19.50
GPRS 2 Tx slots	25.20	25.21	25.07	**25.50**	19.20	19.21	19.07	19.50
GPRS 3 Tx slots	23.16	23.22	23.09	**23.50**	18.90	18.96	18.83	19.24
GPRS 4 Tx slots	22.00	22.12	22.03	**22.50**	19.00	19.12	19.03	19.50
EDGE 1 Tx slot	24.05	24.14	24.05	**25.00**	15.05	15.14	15.05	16.00
EDGE 2 Tx slots	20.95	21.02	21.02	**22.00**	14.95	15.02	15.02	16.00
EDGE 3 Tx slots	18.85	19.02	18.92	**20.00**	14.59	14.76	14.66	15.74
EDGE 4 Tx slots	17.86	17.84	17.73	**19.00**	14.86	14.84	14.73	16.00

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Rx Channel		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.75	19.85	19.90	**21.00**
3GPP Rel 99	RMC 12.2Kbps	19.78	19.95	19.93	**21.00**
3GPP Rel 6	HSDPA Subtest-1	18.84	18.90	18.89	**20.00**
3GPP Rel 6	HSDPA Subtest-2	18.73	18.83	18.87	**20.00**
3GPP Rel 6	HSDPA Subtest-3	18.26	18.31	18.34	**19.00**
3GPP Rel 6	HSDPA Subtest-4	18.25	18.31	18.36	**19.00**
3GPP Rel 8	DC-HSDPA Subtest-1	18.48	18.61	18.50	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-2	18.62	18.62	18.64	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-3	17.95	18.20	18.08	**19.00**
3GPP Rel 8	DC-HSDPA Subtest-4	17.92	18.22	18.14	**19.00**
3GPP Rel 6	HSUPA Subtest-1	17.91	17.43	17.52	**18.00**
3GPP Rel 6	HSUPA Subtest-2	17.37	17.43	17.54	**18.00**
3GPP Rel 6	HSUPA Subtest-3	18.35	18.51	18.48	**19.00**
3GPP Rel 6	HSUPA Subtest-4	16.82	16.88	17.02	**17.50**
3GPP Rel 6	HSUPA Subtest-5	18.30	18.40	18.40	**19.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.23	17.06	17.23	**18.00**
Band		WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.84	22.81	22.73	**24.00**
3GPP Rel 99	RMC 12.2Kbps	22.85	22.86	22.75	**24.00**
3GPP Rel 6	HSDPA Subtest-1	21.89	21.97	21.80	**23.00**
3GPP Rel 6	HSDPA Subtest-2	21.76	21.77	21.70	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.25	21.30	21.16	**22.00**
3GPP Rel 6	HSDPA Subtest-4	21.24	21.32	21.17	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-1	21.81	21.85	21.68	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	21.71	21.62	21.62	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.17	21.15	21.11	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-4	21.15	21.24	21.12	**22.00**
3GPP Rel 6	HSUPA Subtest-1	20.39	20.40	20.31	**21.00**
3GPP Rel 6	HSUPA Subtest-2	20.35	20.35	20.23	**21.00**
3GPP Rel 6	HSUPA Subtest-3	21.38	21.36	21.33	**22.00**
3GPP Rel 6	HSUPA Subtest-4	19.84	19.92	19.82	**20.50**
3GPP Rel 6	HSUPA Subtest-5	21.30	21.30	21.10	**22.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.26	20.21	20.12	**21.00**

Band		WCDMA IV_Ant 0			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Rx Channel		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.08	20.05	20.10	**21.00**
3GPP Rel 99	RMC 12.2Kbps	20.06	20.13	20.11	**21.00**
3GPP Rel 6	HSDPA Subtest-1	19.13	19.16	19.12	**20.00**
3GPP Rel 6	HSDPA Subtest-2	19.07	19.04	19.07	**20.00**
3GPP Rel 6	HSDPA Subtest-3	18.56	18.51	18.52	**19.00**
3GPP Rel 6	HSDPA Subtest-4	18.55	18.51	18.55	**19.00**
3GPP Rel 8	DC-HSDPA Subtest-1	18.88	19.05	18.81	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-2	18.85	18.86	18.32	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-3	18.45	18.32	18.48	**19.00**
3GPP Rel 8	DC-HSDPA Subtest-4	18.35	18.26	18.39	**19.00**
3GPP Rel 6	HSUPA Subtest-1	17.68	17.66	17.65	**18.00**
3GPP Rel 6	HSUPA Subtest-2	17.69	17.54	17.64	**18.00**
3GPP Rel 6	HSUPA Subtest-3	18.64	18.64	18.65	**19.00**
3GPP Rel 6	HSUPA Subtest-4	17.20	17.15	17.19	**17.50**
3GPP Rel 6	HSUPA Subtest-5	18.50	18.60	18.60	**19.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.39	17.45	17.34	**18.00**

Band 2_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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.20	20.12	20.21	21.5	0
20	QPSK	1	49	20.33	20.39	20.35		
20	QPSK	1	99	20.04	20.13	20.18		
20	QPSK	50	0	20.22	20.38	20.37	21.5	0
20	QPSK	50	24	20.35	20.28	20.26		
20	QPSK	50	50	20.13	20.23	20.10		
20	QPSK	100	0	20.17	20.23	20.20		
20	16QAM	1	0	19.87	19.94	19.92	21.5	0
20	16QAM	1	49	20.01	20.00	19.97		
20	16QAM	1	99	20.32	20.27	20.22		
20	16QAM	50	0	20.18	20.33	20.31	21.5	0
20	16QAM	50	24	20.26	20.19	20.25		
20	16QAM	50	50	20.11	20.18	20.20		
20	16QAM	100	0	20.21	20.21	20.24		
20	64QAM	1	0	20.06	20.25	20.34	21.5	0
20	64QAM	1	49	20.31	20.03	20.20		
20	64QAM	1	99	20.15	20.32	20.35		
20	64QAM	50	0	20.16	20.25	20.30	21.5	0
20	64QAM	50	24	20.24	20.18	20.27		
20	64QAM	50	50	20.21	20.22	20.22		
20	64QAM	100	0	20.21	20.23	20.27		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.09	20.02	20.06	21.5	0
15	QPSK	1	37	20.21	20.28	20.29		
15	QPSK	1	74	19.92	19.99	20.08		
15	QPSK	36	0	20.14	20.29	20.31	21.5	0
15	QPSK	36	20	20.28	20.19	20.17		
15	QPSK	36	39	19.98	20.09	19.96		
15	QPSK	75	0	20.11	20.16	20.09		
15	16QAM	1	0	19.76	19.85	19.81	21.5	0
15	16QAM	1	37	19.94	19.91	19.84		
15	16QAM	1	74	20.19	20.19	20.07		
15	16QAM	36	0	20.07	20.22	20.25	21.5	0
15	16QAM	36	20	20.18	20.07	20.13		
15	16QAM	36	39	19.99	20.10	20.06		
15	16QAM	75	0	20.06	20.07	20.14		
15	64QAM	1	0	19.95	20.16	20.27	21.5	0
15	64QAM	1	37	20.17	19.89	20.09		
15	64QAM	1	74	20.06	20.21	20.25		
15	64QAM	36	0	20.02	20.15	20.23	21.5	0
15	64QAM	36	20	20.09	20.10	20.15		
15	64QAM	36	39	20.07	20.16	20.15		
15	64QAM	75	0	20.11	20.08	20.21		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.11	20.02	20.06	21.5	0
10	QPSK	1	25	20.20	20.22	20.24		
10	QPSK	1	49	19.96	20.04	20.04		
10	QPSK	25	0	20.12	20.30	20.23	21.5	0
10	QPSK	25	12	20.24	20.13	20.11		
10	QPSK	25	25	20.02	20.12	20.00		
10	QPSK	50	0	20.09	20.14	20.05		
10	16QAM	1	0	19.74	19.81	19.75	21.5	0
10	16QAM	1	25	19.87	19.85	19.80		
10	16QAM	1	49	20.25	20.11	20.07		
10	16QAM	25	0	20.06	20.17	20.23	21.5	0
10	16QAM	25	12	20.14	20.12	20.11		
10	16QAM	25	25	19.99	20.04	20.06		
10	16QAM	50	0	20.13	20.07	20.07		
10	64QAM	1	0	19.90	20.17	20.17	21.5	0
10	64QAM	1	25	20.14	19.89	20.03		
10	64QAM	1	49	20.03	20.21	20.28		
10	64QAM	25	0	20.03	20.12	20.17	21.5	0
10	64QAM	25	12	20.15	20.03	20.18		
10	64QAM	25	25	20.10	20.09	20.05		
10	64QAM	50	0	20.14	20.11	20.16		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.04	19.95	20.11	21.5	0
5	QPSK	1	12	20.18	20.27	20.21		
5	QPSK	1	24	19.90	20.03	20.06		
5	QPSK	12	0	20.14	20.28	20.21	21.5	0
5	QPSK	12	7	20.27	20.19	20.17		
5	QPSK	12	13	20.05	20.06	19.92		
5	QPSK	25	0	20.03	20.11	20.06		
5	16QAM	1	0	19.73	19.85	19.84	21.5	0
5	16QAM	1	12	19.90	19.92	19.80		
5	16QAM	1	24	20.15	20.15	20.05		
5	16QAM	12	0	20.06	20.16	20.19	21.5	0
5	16QAM	12	7	20.18	20.06	20.09		
5	16QAM	12	13	19.94	20.03	20.03		
5	16QAM	25	0	20.10	20.09	20.09		
5	64QAM	1	0	19.94	20.12	20.17	21.5	0
5	64QAM	1	12	20.23	19.86	20.03		
5	64QAM	1	24	19.98	20.14	20.19		
5	64QAM	12	0	20.05	20.17	20.21	21.5	0
5	64QAM	12	7	20.12	20.01	20.17		
5	64QAM	12	13	20.13	20.12	20.13		
5	64QAM	25	0	20.10	20.15	20.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.11	20.03	20.13	21.5	0
3	QPSK	1	8	20.24	20.30	20.25		
3	QPSK	1	14	19.92	20.05	20.01		
3	QPSK	8	0	20.04	20.27	20.24	21.5	0
3	QPSK	8	4	20.20	20.10	20.09		
3	QPSK	8	7	20.05	20.12	20.01		
3	QPSK	15	0	20.07	20.09	20.02		
3	16QAM	1	0	19.74	19.77	19.78	21.5	0
3	16QAM	1	8	19.83	19.89	19.86		
3	16QAM	1	14	20.24	20.19	20.13		
3	16QAM	8	0	20.06	20.21	20.16	21.5	0
3	16QAM	8	4	20.11	20.08	20.16		
3	16QAM	8	7	19.98	20.09	20.06		
3	16QAM	15	0	20.11	20.10	20.16		
3	64QAM	1	0	19.90	20.09	20.25	21.5	0
3	64QAM	1	8	20.23	19.91	20.08		
3	64QAM	1	14	19.99	20.16	20.24		
3	64QAM	8	0	20.00	20.11	20.17	21.5	0
3	64QAM	8	4	20.11	20.08	20.09		
3	64QAM	8	7	20.05	20.11	20.14		
3	64QAM	15	0	20.11	20.13	20.11		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.01	19.92	20.04	21.5	0
1.4	QPSK	1	3	20.16	20.24	20.20		
1.4	QPSK	1	5	19.94	19.94	19.98		
1.4	QPSK	3	0	20.08	20.22	20.21		
1.4	QPSK	3	1	20.21	20.12	20.07		
1.4	QPSK	3	3	20.00	20.11	19.92		
1.4	QPSK	6	0	20.02	20.04	20.09	21.5	0
1.4	16QAM	1	0	19.67	19.84	19.73	21.5	0
1.4	16QAM	1	3	19.87	19.85	19.84		
1.4	16QAM	1	5	20.19	20.10	20.03		
1.4	16QAM	3	0	20.04	20.13	20.16		
1.4	16QAM	3	1	20.06	20.06	20.15		
1.4	16QAM	3	3	19.93	20.05	20.04		
1.4	16QAM	6	0	20.11	20.10	20.13	21.5	0
1.4	64QAM	1	0	19.94	20.05	20.15	21.5	0
1.4	64QAM	1	3	20.19	19.92	20.07		
1.4	64QAM	1	5	19.99	20.20	20.25		
1.4	64QAM	3	0	19.99	20.11	20.16		
1.4	64QAM	3	1	20.07	20.01	20.10		
1.4	64QAM	3	3	20.09	20.07	20.10		
1.4	64QAM	6	0	20.11	20.12	20.15	21.5	0

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	20.06	20.14	20.14	21.5	0
20	QPSK	1	49	20.38	20.40	20.30		
20	QPSK	1	99	20.08	20.07	20.06		
20	QPSK	50	0	20.34	20.35	20.33	21.5	0
20	QPSK	50	24	20.26	20.32	20.25		
20	QPSK	50	50	20.34	20.22	20.30		
20	QPSK	100	0	20.19	20.25	20.15		
20	16QAM	1	0	19.99	20.25	20.37	21.5	0
20	16QAM	1	49	20.24	20.35	20.33		
20	16QAM	1	99	20.21	20.18	20.25		
20	16QAM	50	0	20.35	20.39	20.38	21.5	0
20	16QAM	50	24	20.29	20.27	20.38		
20	16QAM	50	50	20.25	20.34	20.20		
20	16QAM	100	0	20.33	20.37	20.32		
20	64QAM	1	0	20.15	20.13	20.32	21.5	0
20	64QAM	1	49	20.28	20.30	20.25		
20	64QAM	1	99	19.95	20.30	20.02		
20	64QAM	50	0	20.34	20.33	20.31	21.5	0
20	64QAM	50	24	20.36	20.34	20.37		
20	64QAM	50	50	20.31	20.32	20.29		
20	64QAM	100	0	20.29	20.32	20.37		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.97	20.05	20.00	21.5	0
15	QPSK	1	37	20.31	20.31	20.18		
15	QPSK	1	74	19.95	19.99	19.97		
15	QPSK	36	0	20.28	20.21	20.28	21.5	0
15	QPSK	36	20	20.19	20.18	20.19		
15	QPSK	36	39	20.27	20.15	20.20		
15	QPSK	75	0	20.10	20.20	20.08		
15	16QAM	1	0	19.90	20.19	20.29	21.5	0
15	16QAM	1	37	20.19	20.20	20.23		
15	16QAM	1	74	20.11	20.13	20.16		
15	16QAM	36	0	20.29	20.28	20.24	21.5	0
15	16QAM	36	20	20.17	20.12	20.30		
15	16QAM	36	39	20.20	20.26	20.14		
15	16QAM	75	0	20.27	20.30	20.20		
15	64QAM	1	0	20.03	20.07	20.21	21.5	0
15	64QAM	1	37	20.16	20.17	20.14		
15	64QAM	1	74	19.83	20.16	19.90		
15	64QAM	36	0	20.20	20.23	20.26	21.5	0
15	64QAM	36	20	20.21	20.29	20.22		
15	64QAM	36	39	20.21	20.21	20.16		
15	64QAM	75	0	20.23	20.19	20.31		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.99	20.05	20.02	21.5	0
10	QPSK	1	25	20.29	20.35	20.16		
10	QPSK	1	49	20.01	20.02	19.98		
10	QPSK	25	0	20.24	20.20	20.24	21.5	0
10	QPSK	25	12	20.16	20.24	20.12		
10	QPSK	25	25	20.26	20.13	20.23		
10	QPSK	50	0	20.12	20.17	20.04		
10	16QAM	1	0	19.86	20.18	20.26	21.5	0
10	16QAM	1	25	20.12	20.21	20.22		
10	16QAM	1	49	20.12	20.11	20.19		
10	16QAM	25	0	20.26	20.27	20.27	21.5	0
10	16QAM	25	12	20.24	20.14	20.28		
10	16QAM	25	25	20.13	20.28	20.05		
10	16QAM	50	0	20.24	20.27	20.21		
10	64QAM	1	0	20.05	20.01	20.24	21.5	0
10	64QAM	1	25	20.14	20.24	20.15		
10	64QAM	1	49	19.85	20.22	19.97		
10	64QAM	25	0	20.28	20.21	20.21	21.5	0
10	64QAM	25	12	20.28	20.24	20.28		
10	64QAM	25	25	20.23	20.20	20.15		
10	64QAM	50	0	20.19	20.17	20.22		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.93	20.03	20.00	21.5	0
5	QPSK	1	12	20.27	20.32	20.16		
5	QPSK	1	24	19.94	19.96	19.97		
5	QPSK	12	0	20.27	20.23	20.18	21.5	0
5	QPSK	12	7	20.13	20.19	20.17		
5	QPSK	12	13	20.22	20.14	20.19		
5	QPSK	25	0	20.10	20.16	20.09		
5	16QAM	1	0	19.89	20.14	20.31	21.5	0
5	16QAM	1	12	20.18	20.27	20.25		
5	16QAM	1	24	20.16	20.12	20.14		
5	16QAM	12	0	20.20	20.32	20.33	21.5	0
5	16QAM	12	7	20.22	20.22	20.32		
5	16QAM	12	13	20.13	20.20	20.09		
5	16QAM	25	0	20.27	20.29	20.27		
5	64QAM	1	0	20.03	19.98	20.25	21.5	0
5	64QAM	1	12	20.17	20.24	20.19		
5	64QAM	1	24	19.81	20.16	19.90		
5	64QAM	12	0	20.24	20.25	20.17	21.5	0
5	64QAM	12	7	20.23	20.24	20.24		
5	64QAM	12	13	20.18	20.18	20.15		
5	64QAM	25	0	20.16	20.24	20.28		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.92	20.02	19.99	21.5	0
3	QPSK	1	8	20.32	20.35	20.24		
3	QPSK	1	14	19.95	20.02	19.96		
3	QPSK	8	0	20.29	20.29	20.25	21.5	0
3	QPSK	8	4	20.17	20.27	20.13		
3	QPSK	8	7	20.26	20.14	20.19		
3	QPSK	15	0	20.04	20.18	20.03		
3	16QAM	1	0	19.93	20.17	20.24	21.5	0
3	16QAM	1	8	20.14	20.26	20.20		
3	16QAM	1	14	20.10	20.13	20.15		
3	16QAM	8	0	20.23	20.30	20.23	21.5	0
3	16QAM	8	4	20.24	20.14	20.23		
3	16QAM	8	7	20.12	20.29	20.12		
3	16QAM	15	0	20.19	20.23	20.26		
3	64QAM	1	0	20.06	20.08	20.17	21.5	0
3	64QAM	1	8	20.22	20.18	20.15		
3	64QAM	1	14	19.86	20.16	19.88		
3	64QAM	8	0	20.21	20.21	20.17	21.5	0
3	64QAM	8	4	20.29	20.23	20.28		
3	64QAM	8	7	20.18	20.22	20.16		
3	64QAM	15	0	20.24	20.26	20.24		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.99	20.02	20.09	21.5	0
1.4	QPSK	1	3	20.30	20.35	20.24		
1.4	QPSK	1	5	19.96	19.99	19.93		
1.4	QPSK	3	0	20.28	20.26	20.25		
1.4	QPSK	3	1	20.17	20.19	20.18		
1.4	QPSK	3	3	20.20	20.12	20.17		
1.4	QPSK	6	0	20.14	20.17	20.03	21.5	0
1.4	16QAM	1	0	19.91	20.18	20.25	21.5	0
1.4	16QAM	1	3	20.12	20.28	20.24		
1.4	16QAM	1	5	20.11	20.12	20.14		
1.4	16QAM	3	0	20.22	20.32	20.33		
1.4	16QAM	3	1	20.16	20.14	20.30		
1.4	16QAM	3	3	20.16	20.19	20.11		
1.4	16QAM	6	0	20.22	20.31	20.22	21.5	0
1.4	64QAM	1	0	20.04	19.99	20.23	21.5	0
1.4	64QAM	1	3	20.20	20.20	20.17		
1.4	64QAM	1	5	19.80	20.15	19.92		
1.4	64QAM	3	0	20.27	20.28	20.21		
1.4	64QAM	3	1	20.23	20.25	20.25		
1.4	64QAM	3	3	20.21	20.23	20.17		
1.4	64QAM	6	0	20.23	20.26	20.26	21.5	0

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	23.75	23.84	23.72	25	0
10	QPSK	1	25	23.83	23.88	23.79		
10	QPSK	1	49	23.71	23.69	23.68		
10	QPSK	25	0	22.84	22.88	22.80	24	1
10	QPSK	25	12	22.85	22.77	22.81		
10	QPSK	25	25	22.84	22.82	22.72		
10	QPSK	50	0	22.84	22.86	22.79		
10	16QAM	1	0	22.98	22.90	22.94	24	1
10	16QAM	1	25	23.04	22.99	22.94		
10	16QAM	1	49	22.89	22.94	22.82		
10	16QAM	25	0	21.84	21.80	21.79	23	2
10	16QAM	25	12	21.82	21.76	21.79		
10	16QAM	25	25	21.80	21.78	21.66		
10	16QAM	50	0	21.83	21.80	21.73		
10	64QAM	1	0	21.85	21.83	21.86	23	2
10	64QAM	1	25	21.97	21.96	21.87		
10	64QAM	1	49	21.82	21.84	21.79		
10	64QAM	25	0	20.88	20.86	20.83	22	3
10	64QAM	25	12	20.85	20.78	20.84		
10	64QAM	25	25	20.81	20.84	20.71		
10	64QAM	50	0	20.86	20.82	20.76		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.67	23.60	23.58	25	0
5	QPSK	1	12	23.82	23.83	23.81		
5	QPSK	1	24	23.65	23.56	23.59		
5	QPSK	12	0	22.80	22.74	22.73	24	1
5	QPSK	12	7	22.85	22.80	22.79		
5	QPSK	12	13	22.75	22.74	22.65		
5	QPSK	25	0	22.80	22.77	22.72		
5	16QAM	1	0	22.88	22.85	22.77	24	1
5	16QAM	1	12	23.09	23.05	23.08		
5	16QAM	1	24	22.85	22.80	22.71		
5	16QAM	12	0	21.73	21.68	21.70	23	2
5	16QAM	12	7	21.80	21.75	21.73		
5	16QAM	12	13	21.72	21.72	21.60		
5	16QAM	25	0	21.76	21.72	21.69		
5	64QAM	1	0	21.81	21.73	21.74	23	2
5	64QAM	1	12	22.04	22.01	21.98		
5	64QAM	1	24	21.76	21.72	21.67		
5	64QAM	12	0	20.81	20.74	20.77	22	3
5	64QAM	12	7	20.87	20.82	20.79		
5	64QAM	12	13	20.77	20.74	20.67		
5	64QAM	25	0	20.80	20.75	20.71		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.76	23.67	23.68	25	0
3	QPSK	1	8	23.73	23.69	23.69		
3	QPSK	1	14	23.72	23.69	23.68		
3	QPSK	8	0	22.81	22.71	22.72	24	1
3	QPSK	8	4	22.83	22.78	22.77		
3	QPSK	8	7	22.78	22.73	22.70		
3	QPSK	15	0	22.81	22.76	22.74		
3	16QAM	1	0	22.93	22.89	22.83	24	1
3	16QAM	1	8	22.93	22.89	22.81		
3	16QAM	1	14	22.93	22.89	22.83		
3	16QAM	8	0	21.83	21.75	21.75	23	2
3	16QAM	8	4	21.85	21.81	21.77		
3	16QAM	8	7	21.80	21.78	21.71		
3	16QAM	15	0	21.79	21.75	21.72		
3	64QAM	1	0	21.88	21.80	21.81	23	2
3	64QAM	1	8	21.89	21.83	21.78		
3	64QAM	1	14	21.83	21.88	21.80		
3	64QAM	8	0	20.85	20.78	20.82	22	3
3	64QAM	8	4	20.87	20.82	20.83		
3	64QAM	8	7	20.80	20.83	20.73		
3	64QAM	15	0	20.81	20.75	20.74		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.71	23.64	23.62	25	0
1.4	QPSK	1	3	23.82	23.74	23.76		
1.4	QPSK	1	5	23.72	23.62	23.66		
1.4	QPSK	3	0	23.83	23.74	23.76		
1.4	QPSK	3	1	23.81	23.78	23.80		
1.4	QPSK	3	3	23.82	23.74	23.73		
1.4	QPSK	6	0	22.86	22.76	22.77	24	1
1.4	16QAM	1	0	22.93	22.83	22.80	24	1
1.4	16QAM	1	3	23.02	22.98	22.92		
1.4	16QAM	1	5	22.94	22.81	22.77		
1.4	16QAM	3	0	22.78	22.70	22.67		
1.4	16QAM	3	1	22.82	22.74	22.71		
1.4	16QAM	3	3	22.76	22.71	22.63		
1.4	16QAM	6	0	21.86	21.79	21.78	23	2
1.4	64QAM	1	0	21.88	21.77	21.75	23	2
1.4	64QAM	1	3	21.96	21.85	21.85		
1.4	64QAM	1	5	21.88	21.78	21.72		
1.4	64QAM	3	0	21.91	21.80	21.80		
1.4	64QAM	3	1	21.90	21.87	21.86		
1.4	64QAM	3	3	21.87	21.83	21.78		
1.4	64QAM	6	0	20.82	20.72	20.75	22	3

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	20.27	20.25	20.24	21.5	0
20	QPSK	1	49	20.45	20.55	20.49		
20	QPSK	1	99	20.19	20.24	20.20		
20	QPSK	50	0	20.33	20.52	20.40	21.5	0
20	QPSK	50	24	20.48	20.50	20.45		
20	QPSK	50	50	20.47	20.40	20.39		
20	QPSK	100	0	20.42	20.51	20.43		
20	16QAM	1	0	20.48	20.34	20.20	21.5	0
20	16QAM	1	49	20.35	20.42	20.44		
20	16QAM	1	99	20.43	20.38	20.42		
20	16QAM	50	0	20.42	20.24	20.36	21.5	0
20	16QAM	50	24	20.23	20.31	20.45		
20	16QAM	50	50	20.44	20.33	20.44		
20	16QAM	100	0	20.37	20.27	20.43		
20	64QAM	1	0	20.21	20.20	20.35	21.5	0
20	64QAM	1	49	20.51	20.44	20.45		
20	64QAM	1	99	20.37	20.30	20.40		
20	64QAM	50	0	20.35	20.45	20.41	21.5	0
20	64QAM	50	24	20.45	20.47	20.37		
20	64QAM	50	50	20.39	20.29	20.41		
20	64QAM	100	0	20.36	20.29	20.41		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.15	20.17	20.18	21.5	0
15	QPSK	1	37	20.33	20.46	20.34		
15	QPSK	1	74	20.11	20.12	20.10		
15	QPSK	36	0	20.26	20.47	20.33	21.5	0
15	QPSK	36	20	20.42	20.37	20.38		
15	QPSK	36	39	20.32	20.27	20.33		
15	QPSK	75	0	20.37	20.42	20.32		
15	16QAM	1	0	20.35	20.28	20.10	21.5	0
15	16QAM	1	37	20.27	20.29	20.30		
15	16QAM	1	74	20.33	20.24	20.36		
15	16QAM	36	0	20.31	20.18	20.23	21.5	0
15	16QAM	36	20	20.12	20.22	20.40		
15	16QAM	36	39	20.38	20.24	20.30		
15	16QAM	75	0	20.24	20.15	20.35		
15	64QAM	1	0	20.13	20.05	20.23	21.5	0
15	64QAM	1	37	20.46	20.29	20.36		
15	64QAM	1	74	20.24	20.21	20.33		
15	64QAM	36	0	20.25	20.36	20.27	21.5	0
15	64QAM	36	20	20.30	20.37	20.26		
15	64QAM	36	39	20.33	20.24	20.31		
15	64QAM	75	0	20.30	20.22	20.35		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.16	20.20	20.09	21.5	0
10	QPSK	1	25	20.36	20.43	20.42		
10	QPSK	1	49	20.08	20.18	20.09		
10	QPSK	25	0	20.18	20.43	20.29	21.5	0
10	QPSK	25	12	20.35	20.44	20.35		
10	QPSK	25	25	20.37	20.32	20.29		
10	QPSK	50	0	20.37	20.43	20.30		
10	16QAM	1	0	20.41	20.26	20.05	21.5	0
10	16QAM	1	25	20.21	20.32	20.31		
10	16QAM	1	49	20.33	20.28	20.32		
10	16QAM	25	0	20.28	20.16	20.30	21.5	0
10	16QAM	25	12	20.10	20.19	20.40		
10	16QAM	25	25	20.36	20.22	20.32		
10	16QAM	50	0	20.29	20.19	20.34		
10	64QAM	1	0	20.06	20.15	20.24	21.5	0
10	64QAM	1	25	20.45	20.39	20.36		
10	64QAM	1	49	20.29	20.20	20.30		
10	64QAM	25	0	20.20	20.34	20.33	21.5	0
10	64QAM	25	12	20.40	20.38	20.31		
10	64QAM	25	25	20.29	20.20	20.32		
10	64QAM	50	0	20.27	20.24	20.35		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.19	20.10	20.12	21.5	0
5	QPSK	1	12	20.35	20.43	20.41		
5	QPSK	1	24	20.14	20.09	20.13		
5	QPSK	12	0	20.25	20.46	20.29	21.5	0
5	QPSK	12	7	20.36	20.43	20.35		
5	QPSK	12	13	20.36	20.31	20.27		
5	QPSK	25	0	20.37	20.37	20.30		
5	16QAM	1	0	20.42	20.25	20.06	21.5	0
5	16QAM	1	12	20.24	20.30	20.37		
5	16QAM	1	24	20.35	20.25	20.37		
5	16QAM	12	0	20.34	20.18	20.29	21.5	0
5	16QAM	12	7	20.17	20.17	20.30		
5	16QAM	12	13	20.34	20.24	20.34		
5	16QAM	25	0	20.28	20.14	20.30		
5	64QAM	1	0	20.06	20.09	20.26	21.5	0
5	64QAM	1	12	20.41	20.39	20.32		
5	64QAM	1	24	20.23	20.18	20.25		
5	64QAM	12	0	20.30	20.39	20.32	21.5	0
5	64QAM	12	7	20.39	20.32	20.26		
5	64QAM	12	13	20.24	20.19	20.36		
5	64QAM	25	0	20.24	20.16	20.33		

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		23.67		25	0
10	QPSK	1	25		23.71			
10	QPSK	1	49		23.44			
10	QPSK	25	0		22.61		24	1
10	QPSK	25	12		22.55			
10	QPSK	25	25		22.47			
10	QPSK	50	0		22.55			
10	16QAM	1	0		22.76		24	1
10	16QAM	1	25		22.93			
10	16QAM	1	49		22.66			
10	16QAM	25	0		21.58		23	2
10	16QAM	25	12		21.61			
10	16QAM	25	25		21.60			
10	16QAM	50	0		21.61			
10	64QAM	1	0		21.58		23	2
10	64QAM	1	25		21.90			
10	64QAM	1	49		21.81			
10	64QAM	25	0		20.57		22	3
10	64QAM	25	12		20.65			
10	64QAM	25	25		20.61			
10	64QAM	50	0		20.49			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.39	23.49	23.35	25	0
5	QPSK	1	12	23.47	23.44	23.48		
5	QPSK	1	24	23.36	23.31	23.16		
5	QPSK	12	0	22.50	22.59	22.57	24	1
5	QPSK	12	7	22.57	22.64	22.61		
5	QPSK	12	13	22.59	22.51	22.53		
5	QPSK	25	0	22.56	22.57	22.55		
5	16QAM	1	0	22.91	22.52	22.62	24	1
5	16QAM	1	12	22.94	23.00	23.15		
5	16QAM	1	24	22.84	22.62	22.45		
5	16QAM	12	0	21.39	21.55	21.45	23	2
5	16QAM	12	7	21.56	21.50	21.39		
5	16QAM	12	13	21.50	21.42	21.47		
5	16QAM	25	0	21.39	21.42	21.54		
5	64QAM	1	0	21.43	21.56	21.23	23	2
5	64QAM	1	12	22.02	21.96	21.64		
5	64QAM	1	24	21.65	21.66	21.42		
5	64QAM	12	0	20.50	20.61	20.46	22	3
5	64QAM	12	7	20.66	20.61	20.58		
5	64QAM	12	13	20.53	20.55	20.57		
5	64QAM	25	0	20.48	20.44	20.54		

Band 18_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				23925				
Frequency (MHz)				822.5				
15	QPSK	1	0		23.56		25	0
15	QPSK	1	37		23.64			
15	QPSK	1	74		23.46			
15	QPSK	36	0		22.65		24	1
15	QPSK	36	20		22.62			
15	QPSK	36	39		22.64			
15	QPSK	75	0		22.67			
15	16QAM	1	0		22.68		24	1
15	16QAM	1	37		22.63			
15	16QAM	1	74		22.85			
15	16QAM	36	0		21.57		23	2
15	16QAM	36	20		21.62			
15	16QAM	36	39		21.58			
15	16QAM	75	0		21.55			
15	64QAM	1	0		21.73		23	2
15	64QAM	1	37		21.88			
15	64QAM	1	74		21.41			
15	64QAM	36	0		20.65		22	3
15	64QAM	36	20		20.63			
15	64QAM	36	39		20.55			
15	64QAM	75	0		20.56			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	23.53	23.55	23.53	25	0
10	QPSK	1	25	23.52	23.55	23.54		
10	QPSK	1	49	23.53	23.47	23.50		
10	QPSK	25	0	22.56	22.61	22.52	24	1
10	QPSK	25	12	22.62	22.63	22.56		
10	QPSK	25	25	22.62	22.55	22.55		
10	QPSK	50	0	22.62	22.58	22.58		
10	16QAM	1	0	22.92	22.95	22.99	24	1
10	16QAM	1	25	22.69	23.00	22.46		
10	16QAM	1	49	22.70	23.00	22.84		
10	16QAM	25	0	21.65	21.55	21.55	23	2
10	16QAM	25	12	21.60	21.52	21.60		
10	16QAM	25	25	21.64	21.61	21.61		
10	16QAM	50	0	21.63	21.57	21.64		
10	64QAM	1	0	21.78	21.85	21.63	23	2
10	64QAM	1	25	21.86	21.95	21.75		
10	64QAM	1	49	21.58	21.84	21.46		
10	64QAM	25	0	20.61	20.56	20.58	22	3
10	64QAM	25	12	20.60	20.48	20.56		
10	64QAM	25	25	20.64	20.59	20.50		
10	64QAM	50	0	20.56	20.59	20.62		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	23.37	23.45	23.42	25	0
5	QPSK	1	12	23.54	23.52	23.44		
5	QPSK	1	24	23.47	23.34	23.39		
5	QPSK	12	0	22.57	22.46	22.55	24	1
5	QPSK	12	7	22.60	22.54	22.61		
5	QPSK	12	13	22.58	22.59	22.54		
5	QPSK	25	0	22.58	22.54	22.53		
5	16QAM	1	0	22.80	22.55	22.35	24	1
5	16QAM	1	12	22.98	22.81	22.81		
5	16QAM	1	24	22.83	22.56	22.51		
5	16QAM	12	0	21.59	21.52	21.54	23	2
5	16QAM	12	7	21.68	21.58	21.56		
5	16QAM	12	13	21.61	21.61	21.51		
5	16QAM	25	0	21.68	21.53	21.50		
5	64QAM	1	0	21.26	21.62	21.61	23	2
5	64QAM	1	12	22.08	21.80	21.88		
5	64QAM	1	24	21.81	21.60	21.72		
5	64QAM	12	0	20.49	20.43	20.52	22	3
5	64QAM	12	7	20.65	20.57	20.52		
5	64QAM	12	13	20.65	20.60	20.48		
5	64QAM	25	0	20.52	20.46	20.40		

Band 19_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					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		23.57		25	0
15	QPSK	1	37		23.65			
15	QPSK	1	74		23.30			
15	QPSK	36	0		22.57		24	1
15	QPSK	36	20		22.56			
15	QPSK	36	39		22.56			
15	QPSK	75	0		22.44			
15	16QAM	1	0		22.68		24	1
15	16QAM	1	37		22.49			
15	16QAM	1	74		22.68			
15	16QAM	36	0		21.63		23	2
15	16QAM	36	20		21.48			
15	16QAM	36	39		21.49			
15	16QAM	75	0		21.52			
15	64QAM	1	0		21.50		23	2
15	64QAM	1	37		21.87			
15	64QAM	1	74		21.54			
15	64QAM	36	0		20.50		22	3
15	64QAM	36	20		20.53			
15	64QAM	36	39		20.53			
15	64QAM	75	0		20.55			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	23.44	23.52	23.44	25	0
10	QPSK	1	25	23.56	23.55	23.51		
10	QPSK	1	49	23.39	23.44	23.41		
10	QPSK	25	0	22.72	22.62	22.55	24	1
10	QPSK	25	12	22.60	22.53	22.59		
10	QPSK	25	25	22.58	22.49	22.43		
10	QPSK	50	0	22.60	22.62	22.58		
10	16QAM	1	0	22.87	22.95	22.74	24	1
10	16QAM	1	25	22.88	23.08	23.01		
10	16QAM	1	49	22.66	22.84	22.46		
10	16QAM	25	0	21.58	21.66	21.58	23	2
10	16QAM	25	12	21.63	21.51	21.58		
10	16QAM	25	25	21.60	21.46	21.41		
10	16QAM	50	0	21.55	21.55	21.59		
10	64QAM	1	0	21.55	21.70	21.85	23	2
10	64QAM	1	25	21.91	21.68	21.85		
10	64QAM	1	49	21.47	21.59	21.46		
10	64QAM	25	0	20.55	20.55	20.62	22	3
10	64QAM	25	12	20.51	20.66	20.54		
10	64QAM	25	25	20.56	20.46	20.58		
10	64QAM	50	0	20.60	20.57	20.54		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	23.37	23.43	23.30	25	0
5	QPSK	1	12	23.54	23.55	23.53		
5	QPSK	1	24	23.36	23.31	23.14		
5	QPSK	12	0	22.55	22.46	22.51	24	1
5	QPSK	12	7	22.54	22.58	22.52		
5	QPSK	12	13	22.47	22.49	22.42		
5	QPSK	25	0	22.58	22.51	22.45		
5	16QAM	1	0	22.59	22.86	22.81	24	1
5	16QAM	1	12	23.17	23.11	23.06		
5	16QAM	1	24	22.77	22.30	22.64		
5	16QAM	12	0	21.42	21.46	21.38	23	2
5	16QAM	12	7	21.57	21.56	21.54		
5	16QAM	12	13	21.50	21.52	21.41		
5	16QAM	25	0	21.53	21.48	21.52		
5	64QAM	1	0	21.37	21.45	21.59	23	2
5	64QAM	1	12	21.82	21.86	21.81		
5	64QAM	1	24	21.61	21.41	21.36		
5	64QAM	12	0	20.42	20.51	20.56	22	3
5	64QAM	12	7	20.71	20.68	20.56		
5	64QAM	12	13	20.54	20.48	20.39		
5	64QAM	25	0	20.52	20.59	20.47		

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	23.73	23.76	23.61	25	0
15	QPSK	1	37	23.66	23.89	23.67		
15	QPSK	1	74	23.61	23.57	23.52		
15	QPSK	36	0	22.77	22.89	22.78	24	1
15	QPSK	36	20	22.86	22.69	22.70		
15	QPSK	36	39	22.83	22.63	22.49		
15	QPSK	75	0	22.74	22.78	22.60		
15	16QAM	1	0	23.05	23.03	22.72	24	1
15	16QAM	1	37	22.90	22.74	23.01		
15	16QAM	1	74	22.71	23.00	22.77		
15	16QAM	36	0	21.87	21.76	21.66	23	2
15	16QAM	36	20	21.83	21.72	21.62		
15	16QAM	36	39	21.81	21.64	21.52		
15	16QAM	75	0	21.76	21.76	21.64		
15	64QAM	1	0	21.76	22.05	21.83	23	2
15	64QAM	1	37	21.82	21.93	21.72		
15	64QAM	1	74	21.89	21.62	21.64		
15	64QAM	36	0	20.78	20.75	20.75	22	3
15	64QAM	36	20	20.84	20.71	20.61		
15	64QAM	36	39	20.79	20.63	20.50		
15	64QAM	75	0	20.76	20.71	20.66		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.65	23.63	23.62	25	0
10	QPSK	1	25	23.69	23.75	23.63		
10	QPSK	1	49	23.73	23.53	23.46		
10	QPSK	25	0	22.85	22.76	22.62	24	1
10	QPSK	25	12	22.75	22.67	22.60		
10	QPSK	25	25	22.76	22.72	22.49		
10	QPSK	50	0	22.81	22.76	22.52		
10	16QAM	1	0	22.61	22.84	22.90	24	1
10	16QAM	1	25	23.29	22.89	22.73		
10	16QAM	1	49	22.89	23.11	22.99		
10	16QAM	25	0	21.88	21.68	21.72	23	2
10	16QAM	25	12	21.72	21.62	21.59		
10	16QAM	25	25	21.80	21.60	21.42		
10	16QAM	50	0	21.87	21.62	21.56		
10	64QAM	1	0	21.54	21.53	21.61	23	2
10	64QAM	1	25	21.85	22.10	21.88		
10	64QAM	1	49	21.99	21.57	21.80		
10	64QAM	25	0	20.77	20.79	20.58	22	3
10	64QAM	25	12	20.79	20.68	20.67		
10	64QAM	25	25	20.85	20.75	20.45		
10	64QAM	50	0	20.77	20.69	20.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.62	23.42	23.40	25	0
5	QPSK	1	12	23.75	23.72	23.62		
5	QPSK	1	24	23.70	23.48	23.52		
5	QPSK	12	0	22.81	22.69	22.55	24	1
5	QPSK	12	7	22.88	22.73	22.58		
5	QPSK	12	13	22.75	22.59	22.41		
5	QPSK	25	0	22.72	22.74	22.48		
5	16QAM	1	0	23.10	22.73	22.60	24	1
5	16QAM	1	12	23.17	22.73	22.67		
5	16QAM	1	24	23.07	22.62	22.80		
5	16QAM	12	0	21.82	21.76	21.58	23	2
5	16QAM	12	7	21.87	21.76	21.57		
5	16QAM	12	13	21.75	21.63	21.30		
5	16QAM	25	0	21.76	21.64	21.59		
5	64QAM	1	0	22.01	21.93	21.46	23	2
5	64QAM	1	12	22.32	22.03	22.02		
5	64QAM	1	24	21.88	21.33	21.51		
5	64QAM	12	0	20.86	20.69	20.49	22	3
5	64QAM	12	7	20.81	20.70	20.57		
5	64QAM	12	13	20.78	20.71	20.38		
5	64QAM	25	0	20.72	20.67	20.48		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.71	23.63	23.45	25	0
3	QPSK	1	8	23.63	23.72	23.50		
3	QPSK	1	14	23.70	23.70	23.44		
3	QPSK	8	0	22.79	22.70	22.55	24	1
3	QPSK	8	4	22.73	22.78	22.64		
3	QPSK	8	7	22.80	22.74	22.56		
3	QPSK	15	0	22.77	22.73	22.45		
3	16QAM	1	0	22.84	23.11	22.66	24	1
3	16QAM	1	8	23.14	23.05	22.56		
3	16QAM	1	14	23.14	23.05	22.79		
3	16QAM	8	0	21.87	21.75	21.68	23	2
3	16QAM	8	4	22.00	21.83	21.53		
3	16QAM	8	7	21.98	21.67	21.55		
3	16QAM	15	0	21.90	21.79	21.63		
3	64QAM	1	0	21.53	21.46	21.80	23	2
3	64QAM	1	8	21.87	21.84	21.51		
3	64QAM	1	14	21.90	21.83	21.71		
3	64QAM	8	0	20.80	20.74	20.56	22	3
3	64QAM	8	4	20.92	20.61	20.47		
3	64QAM	8	7	20.84	20.75	20.54		
3	64QAM	15	0	20.86	20.65	20.53		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.73	23.58	23.36	25	0
1.4	QPSK	1	3	23.73	23.72	23.63		
1.4	QPSK	1	5	23.63	23.58	23.43		
1.4	QPSK	3	0	23.67	23.65	23.51		
1.4	QPSK	3	1	23.73	23.71	23.52		
1.4	QPSK	3	3	23.73	23.73	23.55		
1.4	QPSK	6	0	22.76	22.71	22.56	24	1
1.4	16QAM	1	0	22.85	22.57	22.49	24	1
1.4	16QAM	1	3	23.05	22.76	22.67		
1.4	16QAM	1	5	22.55	22.67	22.49		
1.4	16QAM	3	0	22.77	22.60	22.55		
1.4	16QAM	3	1	22.90	22.64	22.60		
1.4	16QAM	3	3	22.82	22.54	22.36		
1.4	16QAM	6	0	21.83	21.72	21.69	23	2
1.4	64QAM	1	0	21.94	21.82	21.50	23	2
1.4	64QAM	1	3	21.78	22.11	21.76		
1.4	64QAM	1	5	22.08	21.52	21.79		
1.4	64QAM	3	0	21.99	21.77	21.72		
1.4	64QAM	3	1	22.07	21.79	21.71		
1.4	64QAM	3	3	21.94	21.64	21.69		
1.4	64QAM	6	0	20.79	20.70	20.55	22	3

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	19.92	19.87	20.03	21.5	0
20	QPSK	1	49	20.10	20.38	20.32		
20	QPSK	1	99	19.74	19.95	19.78		
20	QPSK	50	0	20.19	20.36	20.35	21.5	0
20	QPSK	50	24	20.18	20.24	20.31		
20	QPSK	50	50	20.20	20.17	20.10		
20	QPSK	100	0	20.19	20.29	20.22		
20	16QAM	1	0	20.11	20.28	20.10	21.5	0
20	16QAM	1	49	20.20	20.19	20.05		
20	16QAM	1	99	19.91	20.17	20.09		
20	16QAM	50	0	20.06	20.13	20.27	21.5	0
20	16QAM	50	24	19.99	20.18	20.15		
20	16QAM	50	50	19.88	20.04	19.93		
20	16QAM	100	0	19.93	19.99	20.11		
20	64QAM	1	0	19.78	20.09	20.15	21.5	0
20	64QAM	1	49	20.27	20.06	20.19		
20	64QAM	1	99	19.94	19.77	19.97		
20	64QAM	50	0	19.99	20.07	20.17	21.5	0
20	64QAM	50	24	20.01	20.08	20.19		
20	64QAM	50	50	19.95	20.01	19.92		
20	64QAM	100	0	19.97	20.02	20.06		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.82	19.77	19.85	21.5	0
15	QPSK	1	37	19.97	20.18	20.22		
15	QPSK	1	74	19.61	19.79	19.61		
15	QPSK	36	0	20.09	20.21	20.23	21.5	0
15	QPSK	36	20	20.01	20.10	20.14		
15	QPSK	36	39	20.03	20.04	19.98		
15	QPSK	75	0	20.07	20.18	20.08		
15	16QAM	1	0	19.99	20.08	19.97	21.5	0
15	16QAM	1	37	20.03	20.01	19.89		
15	16QAM	1	74	19.81	19.99	19.93		
15	16QAM	36	0	19.91	20.03	20.08	21.5	0
15	16QAM	36	20	19.79	20.03	20.00		
15	16QAM	36	39	19.71	19.86	19.75		
15	16QAM	75	0	19.76	19.82	19.93		
15	64QAM	1	0	19.58	19.90	19.95	21.5	0
15	64QAM	1	37	20.15	19.96	20.00		
15	64QAM	1	74	19.80	19.61	19.81		
15	64QAM	36	0	19.88	19.95	20.04	21.5	0
15	64QAM	36	20	19.86	19.92	20.01		
15	64QAM	36	39	19.82	19.83	19.76		
15	64QAM	75	0	19.78	19.83	19.96		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.79	19.70	19.85	21.5	0
10	QPSK	1	25	19.92	20.26	20.12		
10	QPSK	1	49	19.60	19.75	19.62		
10	QPSK	25	0	19.99	20.24	20.19	21.5	0
10	QPSK	25	12	20.07	20.07	20.17		
10	QPSK	25	25	20.09	20.00	19.93		
10	QPSK	50	0	20.04	20.14	20.04		
10	16QAM	1	0	20.00	20.11	19.99	21.5	0
10	16QAM	1	25	20.10	20.03	19.87		
10	16QAM	1	49	19.77	20.04	19.90		
10	16QAM	25	0	19.95	19.99	20.17	21.5	0
10	16QAM	25	12	19.82	20.08	20.03		
10	16QAM	25	25	19.68	19.87	19.78		
10	16QAM	50	0	19.78	19.83	19.91		
10	64QAM	1	0	19.64	19.89	19.98	21.5	0
10	64QAM	1	25	20.16	19.88	20.07		
10	64QAM	1	49	19.78	19.67	19.82		
10	64QAM	25	0	19.83	19.93	19.98	21.5	0
10	64QAM	25	12	19.85	19.94	20.04		
10	64QAM	25	25	19.75	19.84	19.76		
10	64QAM	50	0	19.78	19.86	19.87		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.74	19.77	19.83	21.5	0
5	QPSK	1	12	19.93	20.22	20.19		
5	QPSK	1	24	19.63	19.82	19.61		
5	QPSK	12	0	20.04	20.22	20.19	21.5	0
5	QPSK	12	7	20.04	20.09	20.20		
5	QPSK	12	13	20.01	20.05	19.92		
5	QPSK	25	0	20.00	20.15	20.05		
5	16QAM	1	0	19.97	20.16	19.90	21.5	0
5	16QAM	1	12	20.09	20.05	19.95		
5	16QAM	1	24	19.76	20.02	19.95		
5	16QAM	12	0	19.92	19.99	20.16	21.5	0
5	16QAM	12	7	19.79	20.07	19.98		
5	16QAM	12	13	19.78	19.84	19.83		
5	16QAM	25	0	19.75	19.80	19.97		
5	64QAM	1	0	19.67	19.93	20.05	21.5	0
5	64QAM	1	12	20.09	19.95	20.05		
5	64QAM	1	24	19.84	19.61	19.86		
5	64QAM	12	0	19.83	19.96	20.04	21.5	0
5	64QAM	12	7	19.88	19.92	20.05		
5	64QAM	12	13	19.82	19.82	19.72		
5	64QAM	25	0	19.84	19.90	19.91		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.81	19.76	19.85	21.5	0
3	QPSK	1	8	19.96	20.26	20.16		
3	QPSK	1	14	19.58	19.85	19.68		
3	QPSK	8	0	19.99	20.23	20.18	21.5	0
3	QPSK	8	4	20.04	20.14	20.21		
3	QPSK	8	7	20.04	19.97	19.94		
3	QPSK	15	0	20.01	20.12	20.12		
3	16QAM	1	0	19.99	20.10	19.93	21.5	0
3	16QAM	1	8	20.09	20.06	19.85		
3	16QAM	1	14	19.77	20.01	19.95		
3	16QAM	8	0	19.94	20.03	20.12	21.5	0
3	16QAM	8	4	19.83	20.04	19.95		
3	16QAM	8	7	19.69	19.91	19.76		
3	16QAM	15	0	19.78	19.81	19.99		
3	64QAM	1	0	19.59	19.92	20.05	21.5	0
3	64QAM	1	8	20.07	19.87	20.05		
3	64QAM	1	14	19.77	19.64	19.83		
3	64QAM	8	0	19.84	19.94	20.07	21.5	0
3	64QAM	8	4	19.85	19.97	20.07		
3	64QAM	8	7	19.76	19.87	19.75		
3	64QAM	15	0	19.87	19.84	19.90		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.73	19.75	19.85	21.5	0
1.4	QPSK	1	3	19.91	20.21	20.20		
1.4	QPSK	1	5	19.61	19.78	19.64		
1.4	QPSK	3	0	20.05	20.23	20.21		
1.4	QPSK	3	1	20.04	20.11	20.14		
1.4	QPSK	3	3	20.07	19.99	19.90		
1.4	QPSK	6	0	20.07	20.16	20.06	21.5	0
1.4	16QAM	1	0	20.00	20.15	19.90	21.5	0
1.4	16QAM	1	3	20.09	20.00	19.87		
1.4	16QAM	1	5	19.81	20.05	19.97		
1.4	16QAM	3	0	19.88	19.93	20.17		
1.4	16QAM	3	1	19.83	20.00	20.00		
1.4	16QAM	3	3	19.68	19.89	19.77		
1.4	16QAM	6	0	19.80	19.81	19.92	21.5	0
1.4	64QAM	1	0	19.63	19.89	20.05	21.5	0
1.4	64QAM	1	3	20.12	19.95	20.03		
1.4	64QAM	1	5	19.78	19.58	19.79		
1.4	64QAM	3	0	19.79	19.89	19.99		
1.4	64QAM	3	1	19.89	19.91	20.06		
1.4	64QAM	3	3	19.78	19.83	19.82		
1.4	64QAM	6	0	19.84	19.92	19.89	21.5	0

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	21.30	21.38	21.40	22.5	0
20	QPSK	1	49	21.79	21.94	21.88		
20	QPSK	1	99	21.47	21.56	21.59		
20	QPSK	50	0	21.53	21.80	21.75	22.5	0
20	QPSK	50	24	21.59	21.64	21.60		
20	QPSK	50	50	21.58	21.62	21.69		
20	QPSK	100	0	21.59	21.77	21.70		
20	16QAM	1	0	21.33	21.44	21.52	22.5	0
20	16QAM	1	49	21.76	21.90	21.88		
20	16QAM	1	99	21.53	21.57	21.68		
20	16QAM	50	0	21.54	21.60	21.78	22.5	0
20	16QAM	50	24	21.53	21.73	21.87		
20	16QAM	50	50	21.59	21.64	21.84		
20	16QAM	100	0	21.61	21.73	21.82		
20	64QAM	1	0	21.11	21.11	21.28	22.5	0
20	64QAM	1	49	21.51	21.67	21.78		
20	64QAM	1	99	21.26	21.37	21.45		
20	64QAM	50	0	20.52	20.62	20.83	21.5	1
20	64QAM	50	24	20.56	20.65	20.76		
20	64QAM	50	50	20.46	20.64	20.82		
20	64QAM	100	0	20.61	20.72	20.79		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.16	21.25	21.32	22.5	0
15	QPSK	1	37	21.64	21.85	21.76		
15	QPSK	1	74	21.42	21.51	21.52		
15	QPSK	36	0	21.38	21.65	21.60	22.5	0
15	QPSK	36	20	21.44	21.53	21.45		
15	QPSK	36	39	21.47	21.53	21.54		
15	QPSK	75	0	21.53	21.67	21.64		
15	16QAM	1	0	21.20	21.39	21.37	22.5	0
15	16QAM	1	37	21.71	21.81	21.78		
15	16QAM	1	74	21.41	21.43	21.55		
15	16QAM	36	0	21.47	21.53	21.72	22.5	0
15	16QAM	36	20	21.41	21.58	21.82		
15	16QAM	36	39	21.53	21.56	21.79		
15	16QAM	75	0	21.54	21.58	21.76		
15	64QAM	1	0	20.98	21.06	21.15	22.5	0
15	64QAM	1	37	21.37	21.55	21.64		
15	64QAM	1	74	21.18	21.24	21.33		
15	64QAM	36	0	20.37	20.48	20.70	21.5	1
15	64QAM	36	20	20.46	20.59	20.68		
15	64QAM	36	39	20.36	20.57	20.73		
15	64QAM	75	0	20.53	20.67	20.64		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.25	21.33	21.26	22.5	0
10	QPSK	1	25	21.69	21.88	21.77		
10	QPSK	1	49	21.37	21.44	21.49		
10	QPSK	25	0	21.38	21.72	21.67	22.5	0
10	QPSK	25	12	21.52	21.55	21.45		
10	QPSK	25	25	21.45	21.49	21.58		
10	QPSK	50	0	21.53	21.71	21.62		
10	16QAM	1	0	21.27	21.37	21.47	22.5	0
10	16QAM	1	25	21.67	21.84	21.75		
10	16QAM	1	49	21.45	21.44	21.60		
10	16QAM	25	0	21.44	21.46	21.68	22.5	0
10	16QAM	25	12	21.47	21.61	21.80		
10	16QAM	25	25	21.52	21.56	21.73		
10	16QAM	50	0	21.53	21.66	21.68		
10	64QAM	1	0	21.03	21.03	21.16	22.5	0
10	64QAM	1	25	21.38	21.56	21.63		
10	64QAM	1	49	21.11	21.30	21.37		
10	64QAM	25	0	20.45	20.56	20.76	21.5	1
10	64QAM	25	12	20.41	20.58	20.68		
10	64QAM	25	25	20.40	20.49	20.73		
10	64QAM	50	0	20.51	20.61	20.71		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.19	21.25	21.25	22.5	0
5	QPSK	1	12	21.65	21.87	21.81		
5	QPSK	1	24	21.36	21.42	21.49		
5	QPSK	12	0	21.39	21.74	21.70	22.5	0
5	QPSK	12	7	21.51	21.56	21.49		
5	QPSK	12	13	21.48	21.47	21.61		
5	QPSK	25	0	21.52	21.71	21.65		
5	16QAM	1	0	21.25	21.29	21.38	22.5	0
5	16QAM	1	12	21.64	21.85	21.83		
5	16QAM	1	24	21.41	21.50	21.56		
5	16QAM	12	0	21.48	21.49	21.71	22.5	0
5	16QAM	12	7	21.48	21.63	21.74		
5	16QAM	12	13	21.48	21.54	21.72		
5	16QAM	25	0	21.54	21.68	21.73		
5	64QAM	1	0	20.99	21.04	21.16	22.5	0
5	64QAM	1	12	21.43	21.53	21.63		
5	64QAM	1	24	21.12	21.25	21.32		
5	64QAM	12	0	20.43	20.57	20.78	21.5	1
5	64QAM	12	7	20.49	20.58	20.69		
5	64QAM	12	13	20.37	20.53	20.69		
5	64QAM	25	0	20.50	20.59	20.72		

Band 41_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	21.10	21.15	21.29	21.60	22.5	0
20	QPSK	1	49	21.51	21.55	21.70	21.85		
20	QPSK	1	99	21.20	21.32	21.47	21.57		
20	QPSK	50	0	21.19	21.35	21.54	21.75	22.5	0
20	QPSK	50	24	21.29	21.41	21.55	21.70		
20	QPSK	50	50	21.35	21.41	21.48	21.66		
20	QPSK	100	0	21.22	21.39	21.62	21.80		
20	16QAM	1	0	21.02	21.08	21.36	21.71	22.5	0
20	16QAM	1	49	21.53	21.59	21.76	21.70		
20	16QAM	1	99	21.16	21.32	21.48	21.80		
20	16QAM	50	0	21.19	21.35	21.59	21.81	22.5	0
20	16QAM	50	24	21.27	21.42	21.62	21.80		
20	16QAM	50	50	21.32	21.44	21.66	21.69		
20	16QAM	100	0	21.27	21.41	21.66	21.62		
20	64QAM	1	0	21.00	21.06	21.01	21.44	22.5	0
20	64QAM	1	49	21.28	21.30	21.47	21.66		
20	64QAM	1	99	21.05	21.09	21.24	21.46		
20	64QAM	50	0	20.25	20.26	20.42	20.84	21.5	1
20	64QAM	50	24	20.28	20.34	20.54	20.95		
20	64QAM	50	50	20.31	20.34	20.58	20.86		
20	64QAM	100	0	20.22	20.40	20.59	20.86		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	20.98	21.04	21.20	21.51	22.5	0
15	QPSK	1	37	21.46	21.48	21.57	21.73		
15	QPSK	1	74	21.09	21.26	21.38	21.50		
15	QPSK	36	0	21.12	21.26	21.40	21.70	22.5	0
15	QPSK	36	20	21.23	21.36	21.40	21.65		
15	QPSK	36	39	21.25	21.36	21.35	21.54		
15	QPSK	75	0	21.07	21.34	21.55	21.67		
15	16QAM	1	0	20.88	21.00	21.23	21.62	22.5	0
15	16QAM	1	37	21.45	21.54	21.71	21.63		
15	16QAM	1	74	21.01	21.21	21.42	21.66		
15	16QAM	36	0	21.04	21.22	21.51	21.71	22.5	0
15	16QAM	36	20	21.16	21.37	21.57	21.75		
15	16QAM	36	39	21.26	21.31	21.56	21.56		
15	16QAM	75	0	21.15	21.27	21.60	21.55		
15	64QAM	1	0	20.86	20.95	20.96	21.34	22.5	0
15	64QAM	1	37	21.15	21.23	21.32	21.58		
15	64QAM	1	74	20.95	20.96	21.09	21.32		
15	64QAM	36	0	20.16	20.20	20.31	20.74	21.5	1
15	64QAM	36	20	20.20	20.22	20.40	20.87		
15	64QAM	36	39	20.23	20.24	20.51	20.80		
15	64QAM	75	0	20.07	20.29	20.54	20.75		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	20.98	21.00	21.21	21.47	22.5	0
10	QPSK	1	25	21.42	21.42	21.65	21.78		
10	QPSK	1	49	21.11	21.27	21.37	21.52		
10	QPSK	25	0	21.09	21.23	21.41	21.60	22.5	0
10	QPSK	25	12	21.21	21.34	21.40	21.63		
10	QPSK	25	25	21.23	21.31	21.39	21.56		
10	QPSK	50	0	21.11	21.33	21.53	21.67		
10	16QAM	1	0	20.91	21.01	21.23	21.61	22.5	0
10	16QAM	1	25	21.44	21.47	21.63	21.59		
10	16QAM	1	49	21.10	21.23	21.37	21.69		
10	16QAM	25	0	21.14	21.29	21.51	21.71	22.5	0
10	16QAM	25	12	21.22	21.33	21.54	21.70		
10	16QAM	25	25	21.17	21.32	21.57	21.56		
10	16QAM	50	0	21.17	21.29	21.61	21.54		
10	64QAM	1	0	20.88	20.91	20.92	21.35	22.5	0
10	64QAM	1	25	21.21	21.17	21.36	21.58		
10	64QAM	1	49	21.00	21.04	21.19	21.38		
10	64QAM	25	0	20.10	20.21	20.35	20.75	21.5	1
10	64QAM	25	12	20.17	20.22	20.41	20.89		
10	64QAM	25	25	20.16	20.27	20.43	20.81		
10	64QAM	50	0	20.14	20.25	20.46	20.75		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	21.04	21.00	21.15	21.45	22.5	0
5	QPSK	1	12	21.42	21.40	21.56	21.75		
5	QPSK	1	24	21.10	21.25	21.32	21.52		
5	QPSK	12	0	21.12	21.20	21.41	21.62	22.5	0
5	QPSK	12	7	21.22	21.30	21.49	21.61		
5	QPSK	12	13	21.25	21.28	21.36	21.58		
5	QPSK	25	0	21.08	21.25	21.47	21.66		
5	16QAM	1	0	20.87	20.93	21.21	21.62	22.5	0
5	16QAM	1	12	21.46	21.47	21.66	21.61		
5	16QAM	1	24	21.03	21.25	21.42	21.68		
5	16QAM	12	0	21.08	21.20	21.53	21.69	22.5	0
5	16QAM	12	7	21.19	21.37	21.49	21.74		
5	16QAM	12	13	21.17	21.32	21.61	21.54		
5	16QAM	25	0	21.17	21.30	21.54	21.48		
5	64QAM	1	0	20.85	20.95	20.94	21.39	22.5	0
5	64QAM	1	12	21.21	21.21	21.38	21.60		
5	64QAM	1	24	20.95	21.01	21.10	21.35		
5	64QAM	12	0	20.20	20.20	20.35	20.72	21.5	1
5	64QAM	12	7	20.19	20.24	20.45	20.86		
5	64QAM	12	13	20.22	20.25	20.43	20.80		
5	64QAM	25	0	20.12	20.25	20.50	20.75		

Reduced Power for DSI4

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	32.39	32.48	32.47	**33.50**	23.39	23.48	23.47	24.50
GPRS 1 Tx slot	32.38	32.45	32.46	**33.50**	23.38	23.45	23.46	24.50
GPRS 2 Tx slots	29.95	30.05	30.02	**30.50**	23.95	24.05	24.02	24.50
GPRS 3 Tx slots	28.16	28.21	28.21	**28.50**	23.90	23.95	23.95	24.24
GPRS 4 Tx slots	26.83	26.89	26.87	**27.50**	23.83	23.89	23.87	24.50
EDGE 1 Tx slot	27.04	27.13	26.94	**28.00**	18.04	18.13	17.94	19.00
EDGE 2 Tx slots	24.03	24.08	23.74	**25.00**	18.03	18.08	17.74	19.00
EDGE 3 Tx slots	22.63	22.56	22.38	**24.00**	18.37	18.30	18.12	19.74
EDGE 4 Tx slots	21.13	21.23	20.91	**22.50**	18.13	18.23	17.91	19.50
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	29.42	29.51	29.59	**30.50**	20.42	20.51	20.59	21.50
GPRS 1 Tx slot	29.41	29.42	29.58	**30.50**	20.41	20.42	20.58	21.50
GPRS 2 Tx slots	27.07	27.09	27.11	**27.50**	21.07	21.09	21.11	21.50
GPRS 3 Tx slots	25.30	25.24	25.37	**25.50**	21.04	20.98	21.11	21.24
GPRS 4 Tx slots	23.97	24.06	24.05	**24.50**	20.97	21.06	21.05	21.50
EDGE 1 Tx slot	25.83	26.14	26.17	**27.00**	16.83	17.14	17.17	18.00
EDGE 2 Tx slots	22.85	23.13	23.08	**24.00**	16.85	17.13	17.08	18.00
EDGE 3 Tx slots	21.02	21.23	21.13	**22.00**	16.76	16.97	16.87	17.74
EDGE 4 Tx slots	19.62	19.83	19.82	**21.00**	16.62	16.83	16.82	18.00

Band		WCDMA II_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Rx Channel		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	18.90	18.95	18.92	**20.00**
3GPP Rel 99	RMC 12.2Kbps	18.95	18.98	18.94	**20.00**
3GPP Rel 6	HSDPA Subtest-1	17.90	17.92	17.99	**19.00**
3GPP Rel 6	HSDPA Subtest-2	17.80	17.87	17.92	**19.00**
3GPP Rel 6	HSDPA Subtest-3	17.30	17.33	17.36	**18.00**
3GPP Rel 6	HSDPA Subtest-4	17.24	17.32	17.35	**18.00**
3GPP Rel 8	DC-HSDPA Sublest-1	17.61	17.76	17.63	**19.00**
3GPP Rel 8	DC-HSDPA Sublest-2	17.53	17.62	17.54	**19.00**
3GPP Rel 8	DC-HSDPA Sublest-3	17.08	17.09	17.14	**18.00**
3GPP Rel 8	DC-HSDPA Sublest-4	17.07	17.19	17.24	**18.00**
3GPP Rel 6	HSUPA Subtest-1	16.44	16.51	16.55	**17.00**
3GPP Rel 6	HSUPA Subtest-2	16.39	16.49	16.54	**17.00**
3GPP Rel 6	HSUPA Subtest-3	17.50	17.48	17.53	**18.00**
3GPP Rel 6	HSUPA Subtest-4	15.95	16.03	15.99	**16.50**
3GPP Rel 6	HSUPA Subtest-5	17.40	17.40	17.40	**18.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.23	16.29	16.27	**17.00**
Band		WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.80	22.81	22.68	**24.00**
3GPP Rel 99	RMC 12.2Kbps	22.83	22.84	22.69	**24.00**
3GPP Rel 6	HSDPA Subtest-1	21.88	21.89	21.79	**23.00**
3GPP Rel 6	HSDPA Subtest-2	21.81	21.51	21.62	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.30	21.28	21.15	**22.00**
3GPP Rel 6	HSDPA Subtest-4	21.32	21.22	21.12	**22.00**
3GPP Rel 8	DC-HSDPA Sublest-1	21.79	21.75	21.73	**23.00**
3GPP Rel 8	DC-HSDPA Sublest-2	21.69	21.36	21.55	**23.00**
3GPP Rel 8	DC-HSDPA Sublest-3	21.16	21.20	21.09	**22.00**
3GPP Rel 8	DC-HSDPA Sublest-4	21.18	21.12	21.02	**22.00**
3GPP Rel 6	HSUPA Subtest-1	20.85	20.35	20.29	**21.00**
3GPP Rel 6	HSUPA Subtest-2	20.33	20.36	20.19	**21.00**
3GPP Rel 6	HSUPA Subtest-3	21.32	21.35	21.29	**22.00**
3GPP Rel 6	HSUPA Subtest-4	19.92	19.87	19.80	**20.50**
3GPP Rel 6	HSUPA Subtest-5	21.20	21.30	21.10	**22.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.25	20.30	20.07	**21.00**

Band		WCDMA IV_Ant 1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Rx Channel		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.22	21.23	21.25	**22.00**
3GPP Rel 99	RMC 12.2Kbps	21.23	21.28	21.27	**22.00**
3GPP Rel 6	HSDPA Subtest-1	20.24	20.23	20.21	**21.00**
3GPP Rel 6	HSDPA Subtest-2	20.14	20.13	20.16	**21.00**
3GPP Rel 6	HSDPA Subtest-3	19.63	19.64	19.69	**20.00**
3GPP Rel 6	HSDPA Subtest-4	19.60	19.61	19.63	**20.00**
3GPP Rel 8	DC-HSDPA Sublest-1	19.89	19.87	19.95	**21.00**
3GPP Rel 8	DC-HSDPA Sublest-2	19.93	19.93	19.97	**21.00**
3GPP Rel 8	DC-HSDPA Sublest-3	19.50	19.35	19.42	**20.00**
3GPP Rel 8	DC-HSDPA Sublest-4	19.35	19.37	19.38	**20.00**
3GPP Rel 6	HSUPA Subtest-1	18.89	18.79	18.81	**19.00**
3GPP Rel 6	HSUPA Subtest-2	18.79	18.77	18.76	**19.00**
3GPP Rel 6	HSUPA Subtest-3	19.81	19.74	19.80	**20.00**
3GPP Rel 6	HSUPA Subtest-4	18.31	18.26	18.21	**18.50**
3GPP Rel 6	HSUPA Subtest-5	19.70	19.70	19.70	**20.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest	18.52	18.39	18.50	**19.00**

Band 2_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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.30	19.13	19.26	20.5	0
20	QPSK	1	49	19.49	19.63	19.55		
20	QPSK	1	99	19.16	19.12	19.33		
20	QPSK	50	0	19.55	19.60	19.54	20.5	0
20	QPSK	50	24	19.56	19.54	19.57		
20	QPSK	50	50	19.54	19.41	19.53		
20	QPSK	100	0	19.53	19.58	19.45		
20	16QAM	1	0	19.31	19.33	19.50	20.5	0
20	16QAM	1	49	19.59	19.52	19.50		
20	16QAM	1	99	19.15	19.62	19.44		
20	16QAM	50	0	19.55	19.40	19.45	20.5	0
20	16QAM	50	24	19.53	19.52	19.60		
20	16QAM	50	50	19.59	19.53	19.56		
20	16QAM	100	0	19.55	19.54	19.57		
20	64QAM	1	0	19.62	19.13	19.59	20.5	0
20	64QAM	1	49	19.54	19.49	19.55		
20	64QAM	1	99	19.31	19.37	19.45		
20	64QAM	50	0	19.56	19.59	19.52	20.5	0
20	64QAM	50	24	19.57	19.49	19.54		
20	64QAM	50	50	19.56	19.52	19.56		
20	64QAM	100	0	19.50	19.56	19.58		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.17	18.99	19.20	20.5	0
15	QPSK	1	37	19.39	19.52	19.40		
15	QPSK	1	74	19.05	19.04	19.28		
15	QPSK	36	0	19.40	19.53	19.39	20.5	0
15	QPSK	36	20	19.44	19.44	19.44		
15	QPSK	36	39	19.44	19.31	19.48		
15	QPSK	75	0	19.39	19.51	19.33		
15	16QAM	1	0	19.25	19.27	19.45	20.5	0
15	16QAM	1	37	19.48	19.41	19.44		
15	16QAM	1	74	19.05	19.56	19.37		
15	16QAM	36	0	19.40	19.31	19.31	20.5	0
15	16QAM	36	20	19.40	19.38	19.48		
15	16QAM	36	39	19.52	19.47	19.48		
15	16QAM	75	0	19.50	19.45	19.48		
15	64QAM	1	0	19.57	19.02	19.45	20.5	0
15	64QAM	1	37	19.43	19.44	19.47		
15	64QAM	1	74	19.22	19.25	19.39		
15	64QAM	36	0	19.42	19.47	19.37	20.5	0
15	64QAM	36	20	19.52	19.38	19.47		
15	64QAM	36	39	19.47	19.45	19.47		
15	64QAM	75	0	19.35	19.44	19.51		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.25	19.06	19.16	20.5	0
10	QPSK	1	25	19.37	19.56	19.42		
10	QPSK	1	49	19.09	19.03	19.18		
10	QPSK	25	0	19.43	19.45	19.49	20.5	0
10	QPSK	25	12	19.43	19.44	19.48		
10	QPSK	25	25	19.41	19.36	19.40		
10	QPSK	50	0	19.46	19.50	19.38		
10	16QAM	1	0	19.20	19.22	19.37	20.5	0
10	16QAM	1	25	19.53	19.47	19.40		
10	16QAM	1	49	19.06	19.55	19.31		
10	16QAM	25	0	19.46	19.31	19.40	20.5	0
10	16QAM	25	12	19.46	19.43	19.55		
10	16QAM	25	25	19.48	19.47	19.46		
10	16QAM	50	0	19.47	19.43	19.46		
10	64QAM	1	0	19.53	19.05	19.50	20.5	0
10	64QAM	1	25	19.39	19.41	19.43		
10	64QAM	1	49	19.16	19.25	19.30		
10	64QAM	25	0	19.42	19.44	19.38	20.5	0
10	64QAM	25	12	19.42	19.36	19.43		
10	64QAM	25	25	19.51	19.45	19.51		
10	64QAM	50	0	19.41	19.47	19.53		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.18	19.04	19.13	20.5	0
5	QPSK	1	12	19.32	19.49	19.42		
5	QPSK	1	24	19.07	19.03	19.22		
5	QPSK	12	0	19.40	19.52	19.43	20.5	0
5	QPSK	12	7	19.42	19.38	19.46		
5	QPSK	12	13	19.41	19.30	19.39		
5	QPSK	25	0	19.35	19.44	19.34		
5	16QAM	1	0	19.16	19.16	19.37	20.5	0
5	16QAM	1	12	19.43	19.42	19.34		
5	16QAM	1	24	19.03	19.46	19.30		
5	16QAM	12	0	19.41	19.31	19.29	20.5	0
5	16QAM	12	7	19.40	19.37	19.44		
5	16QAM	12	13	19.47	19.39	19.48		
5	16QAM	25	0	19.38	19.38	19.40		
5	64QAM	1	0	19.46	18.98	19.48	20.5	0
5	64QAM	1	12	19.38	19.35	19.41		
5	64QAM	1	24	19.16	19.20	19.28		
5	64QAM	12	0	19.38	19.46	19.34	20.5	0
5	64QAM	12	7	19.43	19.39	19.42		
5	64QAM	12	13	19.46	19.36	19.43		
5	64QAM	25	0	19.40	19.47	19.49		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.22	18.96	19.09	20.5	0
3	QPSK	1	8	19.34	19.54	19.39		
3	QPSK	1	14	19.00	19.02	19.15		
3	QPSK	8	0	19.47	19.49	19.44	20.5	0
3	QPSK	8	4	19.40	19.39	19.45		
3	QPSK	8	7	19.36	19.30	19.43		
3	QPSK	15	0	19.42	19.42	19.27		
3	16QAM	1	0	19.16	19.22	19.38	20.5	0
3	16QAM	1	8	19.43	19.39	19.38		
3	16QAM	1	14	19.07	19.48	19.35		
3	16QAM	8	0	19.43	19.26	19.30	20.5	0
3	16QAM	8	4	19.37	19.37	19.48		
3	16QAM	8	7	19.44	19.36	19.45		
3	16QAM	15	0	19.47	19.46	19.46		
3	64QAM	1	0	19.46	19.04	19.42	20.5	0
3	64QAM	1	8	19.44	19.40	19.46		
3	64QAM	1	14	19.23	19.25	19.28		
3	64QAM	8	0	19.46	19.47	19.35	20.5	0
3	64QAM	8	4	19.46	19.38	19.36		
3	64QAM	8	7	19.48	19.38	19.41		
3	64QAM	15	0	19.33	19.44	19.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.18	18.96	19.14	20.5	0
1.4	QPSK	1	3	19.38	19.46	19.42		
1.4	QPSK	1	5	19.02	18.93	19.19		
1.4	QPSK	3	0	19.38	19.41	19.38		
1.4	QPSK	3	1	19.43	19.42	19.43		
1.4	QPSK	3	3	19.40	19.26	19.43		
1.4	QPSK	6	0	19.39	19.39	19.31	20.5	0
1.4	16QAM	1	0	19.15	19.21	19.37	20.5	0
1.4	16QAM	1	3	19.48	19.40	19.40		
1.4	16QAM	1	5	18.95	19.46	19.32		
1.4	16QAM	3	0	19.37	19.21	19.25		
1.4	16QAM	3	1	19.39	19.35	19.44		
1.4	16QAM	3	3	19.39	19.37	19.44		
1.4	16QAM	6	0	19.44	19.44	19.37	20.5	0
1.4	64QAM	1	0	19.47	18.98	19.44	20.5	0
1.4	64QAM	1	3	19.43	19.36	19.40		
1.4	64QAM	1	5	19.11	19.27	19.29		
1.4	64QAM	3	0	19.44	19.42	19.33		
1.4	64QAM	3	1	19.40	19.39	19.38		
1.4	64QAM	3	3	19.39	19.36	19.43		
1.4	64QAM	6	0	19.38	19.40	19.44	20.5	0

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	21.16	21.17	21.27	22.5	0
20	QPSK	1	49	21.46	21.51	21.39		
20	QPSK	1	99	21.16	21.30	21.18		
20	QPSK	50	0	21.40	21.49	21.43	22.5	0
20	QPSK	50	24	21.47	21.48	21.47		
20	QPSK	50	50	21.47	21.37	21.38		
20	QPSK	100	0	21.40	21.45	21.41		
20	16QAM	1	0	21.30	21.47	21.44	22.5	0
20	16QAM	1	49	21.33	21.50	21.45		
20	16QAM	1	99	21.24	21.25	21.29		
20	16QAM	50	0	21.50	21.49	21.35	22.5	0
20	16QAM	50	24	21.50	21.48	21.49		
20	16QAM	50	50	21.50	21.49	21.45		
20	16QAM	100	0	21.46	21.48	21.39		
20	64QAM	1	0	21.43	21.45	21.30	22.5	0
20	64QAM	1	49	21.46	21.39	21.50		
20	64QAM	1	99	21.43	20.98	21.36		
20	64QAM	50	0	20.37	20.46	20.51	21.5	1
20	64QAM	50	24	20.40	20.43	20.51		
20	64QAM	50	50	20.36	20.45	20.30		
20	64QAM	100	0	20.33	20.37	20.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.09	21.10	21.14	22.5	0
15	QPSK	1	37	21.36	21.46	21.25		
15	QPSK	1	74	21.03	21.17	21.09		
15	QPSK	36	0	21.34	21.41	21.35	22.5	0
15	QPSK	36	20	21.40	21.34	21.36		
15	QPSK	36	39	21.37	21.23	21.28		
15	QPSK	75	0	21.27	21.36	21.30		
15	16QAM	1	0	21.15	21.40	21.36	22.5	0
15	16QAM	1	37	21.25	21.45	21.36		
15	16QAM	1	74	21.10	21.15	21.19		
15	16QAM	36	0	21.35	21.38	21.20	22.5	0
15	16QAM	36	20	21.45	21.35	21.41		
15	16QAM	36	39	21.37	21.43	21.32		
15	16QAM	75	0	21.32	21.37	21.28		
15	64QAM	1	0	21.29	21.30	21.21	22.5	0
15	64QAM	1	37	21.40	21.25	21.36		
15	64QAM	1	74	21.33	20.87	21.27		
15	64QAM	36	0	20.31	20.38	20.44	21.5	1
15	64QAM	36	20	20.34	20.32	20.38		
15	64QAM	36	39	20.29	20.31	20.16		
15	64QAM	75	0	20.22	20.27	20.23		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.06	21.09	21.15	22.5	0
10	QPSK	1	25	21.34	21.36	21.27		
10	QPSK	1	49	21.01	21.18	21.06		
10	QPSK	25	0	21.33	21.39	21.31	22.5	0
10	QPSK	25	12	21.39	21.34	21.36		
10	QPSK	25	25	21.37	21.31	21.30		
10	QPSK	50	0	21.27	21.36	21.36		
10	16QAM	1	0	21.15	21.33	21.29	22.5	0
10	16QAM	1	25	21.27	21.43	21.32		
10	16QAM	1	49	21.18	21.17	21.19		
10	16QAM	25	0	21.41	21.36	21.25	22.5	0
10	16QAM	25	12	21.37	21.39	21.39		
10	16QAM	25	25	21.45	21.39	21.30		
10	16QAM	50	0	21.33	21.34	21.24		
10	64QAM	1	0	21.30	21.40	21.23	22.5	0
10	64QAM	1	25	21.36	21.27	21.41		
10	64QAM	1	49	21.30	20.88	21.24		
10	64QAM	25	0	20.25	20.33	20.44	21.5	1
10	64QAM	25	12	20.33	20.35	20.43		
10	64QAM	25	25	20.26	20.33	20.22		
10	64QAM	50	0	20.28	20.27	20.33		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.01	21.06	21.17	22.5	0
5	QPSK	1	12	21.35	21.41	21.24		
5	QPSK	1	24	21.01	21.25	21.13		
5	QPSK	12	0	21.30	21.42	21.30	22.5	0
5	QPSK	12	7	21.41	21.42	21.41		
5	QPSK	12	13	21.37	21.25	21.26		
5	QPSK	25	0	21.28	21.40	21.28		
5	16QAM	1	0	21.16	21.41	21.31	22.5	0
5	16QAM	1	12	21.27	21.40	21.31		
5	16QAM	1	24	21.17	21.14	21.17		
5	16QAM	12	0	21.35	21.43	21.23	22.5	0
5	16QAM	12	7	21.38	21.37	21.42		
5	16QAM	12	13	21.45	21.44	21.39		
5	16QAM	25	0	21.40	21.39	21.29		
5	64QAM	1	0	21.31	21.33	21.20	22.5	0
5	64QAM	1	12	21.39	21.33	21.41		
5	64QAM	1	24	21.32	20.89	21.22		
5	64QAM	12	0	20.24	20.37	20.40	21.5	1
5	64QAM	12	7	20.30	20.38	20.46		
5	64QAM	12	13	20.23	20.30	20.16		
5	64QAM	25	0	20.19	20.29	20.23		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.02	21.02	21.19	22.5	0
3	QPSK	1	8	21.39	21.42	21.34		
3	QPSK	1	14	21.01	21.18	21.11		
3	QPSK	8	0	21.32	21.34	21.34	22.5	0
3	QPSK	8	4	21.35	21.43	21.40		
3	QPSK	8	7	21.32	21.24	21.26		
3	QPSK	15	0	21.35	21.40	21.31		
3	16QAM	1	0	21.15	21.36	21.39	22.5	0
3	16QAM	1	8	21.18	21.35	21.32		
3	16QAM	1	14	21.11	21.11	21.17		
3	16QAM	8	0	21.41	21.42	21.22	22.5	0
3	16QAM	8	4	21.41	21.41	21.42		
3	16QAM	8	7	21.41	21.43	21.36		
3	16QAM	15	0	21.32	21.37	21.26		
3	64QAM	1	0	21.28	21.35	21.25	22.5	0
3	64QAM	1	8	21.35	21.25	21.42		
3	64QAM	1	14	21.38	20.93	21.21		
3	64QAM	8	0	20.24	20.39	20.44	21.5	1
3	64QAM	8	4	20.26	20.31	20.45		
3	64QAM	8	7	20.21	20.33	20.21		
3	64QAM	15	0	20.18	20.22	20.24		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.04	21.04	21.22	22.5	0
1.4	QPSK	1	3	21.40	21.37	21.25		
1.4	QPSK	1	5	21.06	21.15	21.13		
1.4	QPSK	3	0	21.28	21.36	21.37		
1.4	QPSK	3	1	21.38	21.35	21.41		
1.4	QPSK	3	3	21.33	21.22	21.25		
1.4	QPSK	6	0	21.31	21.31	21.28	22.5	0
1.4	16QAM	1	0	21.25	21.35	21.38	22.5	0
1.4	16QAM	1	3	21.22	21.43	21.32		
1.4	16QAM	1	5	21.09	21.17	21.14		
1.4	16QAM	3	0	21.39	21.39	21.27		
1.4	16QAM	3	1	21.40	21.35	21.37		
1.4	16QAM	3	3	21.42	21.39	21.35		
1.4	16QAM	6	0	21.31	21.39	21.26	22.5	0
1.4	64QAM	1	0	21.38	21.39	21.21	22.5	0
1.4	64QAM	1	3	21.31	21.28	21.41		
1.4	64QAM	1	5	21.31	20.83	21.27		
1.4	64QAM	3	0	21.23	21.40	21.38		
1.4	64QAM	3	1	21.25	21.38	21.44		
1.4	64QAM	3	3	21.24	21.23	21.24		
1.4	64QAM	6	0	20.19	20.27	20.32	21.5	1

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	23.69	23.62	23.62	25	0
10	QPSK	1	25	23.74	23.79	23.67		
10	QPSK	1	49	23.59	23.57	23.57		
10	QPSK	25	0	22.82	22.83	22.70	24	1
10	QPSK	25	12	22.76	22.68	22.69		
10	QPSK	25	25	22.75	22.74	22.58		
10	QPSK	50	0	22.78	22.84	22.66		
10	16QAM	1	0	22.89	22.84	22.83	24	1
10	16QAM	1	25	22.94	22.95	22.87		
10	16QAM	1	49	22.86	22.86	22.73		
10	16QAM	25	0	21.77	21.69	21.69	23	2
10	16QAM	25	12	21.72	21.68	21.66		
10	16QAM	25	25	21.68	21.72	21.54		
10	16QAM	50	0	21.74	21.71	21.62		
10	64QAM	1	0	21.78	21.73	21.77	23	2
10	64QAM	1	25	21.87	21.90	21.79		
10	64QAM	1	49	21.75	21.77	21.73		
10	64QAM	25	0	20.78	20.72	20.69	22	3
10	64QAM	25	12	20.74	20.68	20.69		
10	64QAM	25	25	20.71	20.74	20.59		
10	64QAM	50	0	20.78	20.71	20.65		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.28	23.22	23.19	25	0
5	QPSK	1	12	23.51	23.49	23.48		
5	QPSK	1	24	23.25	23.21	23.18		
5	QPSK	12	0	22.41	22.36	22.37	24	1
5	QPSK	12	7	22.46	22.44	22.38		
5	QPSK	12	13	22.36	22.37	22.27		
5	QPSK	25	0	22.41	22.38	22.32		
5	16QAM	1	0	22.47	22.48	22.37	24	1
5	16QAM	1	12	22.66	22.76	22.62		
5	16QAM	1	24	22.39	22.42	22.32		
5	16QAM	12	0	21.38	21.29	21.30	23	2
5	16QAM	12	7	21.40	21.38	21.32		
5	16QAM	12	13	21.31	21.33	21.21		
5	16QAM	25	0	21.37	21.34	21.28		
5	64QAM	1	0	21.40	21.34	21.31	23	2
5	64QAM	1	12	21.65	21.64	21.55		
5	64QAM	1	24	21.39	21.34	21.28		
5	64QAM	12	0	20.44	20.35	20.38	22	3
5	64QAM	12	7	20.46	20.44	20.40		
5	64QAM	12	13	20.35	20.40	20.29		
5	64QAM	25	0	20.40	20.37	20.33		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.37	23.29	23.30	25	0
3	QPSK	1	8	23.37	23.30	23.30		
3	QPSK	1	14	23.36	23.31	23.27		
3	QPSK	8	0	22.43	22.33	22.35	24	1
3	QPSK	8	4	22.46	22.39	22.37		
3	QPSK	8	7	22.41	22.36	22.31		
3	QPSK	15	0	22.44	22.37	22.36		
3	16QAM	1	0	22.56	22.54	22.47	24	1
3	16QAM	1	8	22.52	22.51	22.45		
3	16QAM	1	14	22.52	22.57	22.40		
3	16QAM	8	0	21.45	21.38	21.35	23	2
3	16QAM	8	4	21.45	21.45	21.40		
3	16QAM	8	7	21.42	21.39	21.30		
3	16QAM	15	0	21.40	21.37	21.32		
3	64QAM	1	0	21.51	21.40	21.40	23	2
3	64QAM	1	8	21.47	21.45	21.44		
3	64QAM	1	14	21.47	21.51	21.44		
3	64QAM	8	0	20.50	20.38	20.39	22	3
3	64QAM	8	4	20.51	20.45	20.43		
3	64QAM	8	7	20.44	20.43	20.36		
3	64QAM	15	0	20.44	20.37	20.34		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.36	23.27	23.22	25	0
1.4	QPSK	1	3	23.46	23.39	23.38		
1.4	QPSK	1	5	23.35	23.26	23.24		
1.4	QPSK	3	0	23.47	23.37	23.36		
1.4	QPSK	3	1	23.53	23.42	23.39		
1.4	QPSK	3	3	23.47	23.36	23.38		
1.4	QPSK	6	0	22.49	22.37	22.37	24	1
1.4	16QAM	1	0	22.58	22.50	22.36	24	1
1.4	16QAM	1	3	22.68	22.57	22.51		
1.4	16QAM	1	5	22.56	22.51	22.42		
1.4	16QAM	3	0	22.39	22.33	22.27		
1.4	16QAM	3	1	22.44	22.39	22.33		
1.4	16QAM	3	3	22.38	22.31	22.27		
1.4	16QAM	6	0	21.53	21.45	21.42	23	2
1.4	64QAM	1	0	21.52	21.40	21.33	23	2
1.4	64QAM	1	3	21.61	21.44	21.46		
1.4	64QAM	1	5	21.46	21.42	21.39		
1.4	64QAM	3	0	21.53	21.46	21.39		
1.4	64QAM	3	1	21.57	21.53	21.46		
1.4	64QAM	3	3	21.50	21.43	21.40		
1.4	64QAM	6	0	20.45	20.37	20.38	22	3

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	16.94	16.87	16.70	18.5	0
20	QPSK	1	49	17.22	17.29	17.24		
20	QPSK	1	99	16.87	16.96	17.25		
20	QPSK	50	0	17.16	17.25	17.22	18.5	0
20	QPSK	50	24	17.19	17.20	17.24		
20	QPSK	50	50	17.13	17.23	17.16		
20	QPSK	100	0	17.10	17.23	17.21		
20	16QAM	1	0	16.88	17.01	16.83	18.5	0
20	16QAM	1	49	17.01	17.20	17.02		
20	16QAM	1	99	17.04	16.94	17.14		
20	16QAM	50	0	17.05	16.94	16.98	18.5	0
20	16QAM	50	24	17.19	17.17	17.04		
20	16QAM	50	50	16.93	17.01	17.04		
20	16QAM	100	0	17.09	16.96	16.95		
20	64QAM	1	0	17.05	16.87	16.86	18.5	0
20	64QAM	1	49	17.12	17.05	17.14		
20	64QAM	1	99	17.05	16.88	16.97		
20	64QAM	50	0	17.18	17.14	16.93	18.5	0
20	64QAM	50	24	17.11	17.10	17.18		
20	64QAM	50	50	17.17	16.90	17.02		
20	64QAM	100	0	17.18	17.13	16.98		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.89	16.75	16.55	18.5	0
15	QPSK	1	37	17.08	17.17	17.12		
15	QPSK	1	74	16.82	16.81	17.10		
15	QPSK	36	0	17.04	17.19	17.13	18.5	0
15	QPSK	36	20	17.06	17.13	17.10		
15	QPSK	36	39	17.00	17.08	17.07		
15	QPSK	75	0	17.04	17.16	17.14		
15	16QAM	1	0	16.79	16.87	16.74	18.5	0
15	16QAM	1	37	16.86	17.12	16.93		
15	16QAM	1	74	16.93	16.88	17.03		
15	16QAM	36	0	16.98	16.87	16.87	18.5	0
15	16QAM	36	20	17.14	17.09	16.90		
15	16QAM	36	39	16.86	16.94	16.99		
15	16QAM	75	0	17.03	16.84	16.82		
15	64QAM	1	0	16.98	16.79	16.81	18.5	0
15	64QAM	1	37	16.99	16.98	17.05		
15	64QAM	1	74	17.00	16.78	16.86		
15	64QAM	36	0	17.06	17.00	16.82	18.5	0
15	64QAM	36	20	17.03	16.99	17.08		
15	64QAM	36	39	17.03	16.77	16.96		
15	64QAM	75	0	17.09	17.00	16.88		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.82	16.77	16.58	18.5	0
10	QPSK	1	25	17.08	17.24	17.19		
10	QPSK	1	49	16.80	16.81	17.15		
10	QPSK	25	0	17.11	17.17	17.09	18.5	0
10	QPSK	25	12	17.06	17.09	17.17		
10	QPSK	25	25	17.02	17.10	17.02		
10	QPSK	50	0	17.03	17.17	17.08		
10	16QAM	1	0	16.74	16.86	16.73	18.5	0
10	16QAM	1	25	16.93	17.07	16.91		
10	16QAM	1	49	16.96	16.81	17.08		
10	16QAM	25	0	16.93	16.86	16.85	18.5	0
10	16QAM	25	12	17.12	17.11	16.96		
10	16QAM	25	25	16.79	16.89	16.93		
10	16QAM	50	0	17.03	16.90	16.87		
10	64QAM	1	0	16.98	16.78	16.78	18.5	0
10	64QAM	1	25	17.04	16.97	17.01		
10	64QAM	1	49	16.91	16.74	16.83		
10	64QAM	25	0	17.09	17.04	16.88	18.5	0
10	64QAM	25	12	17.01	16.99	17.04		
10	64QAM	25	25	17.06	16.76	16.97		
10	64QAM	50	0	17.03	17.01	16.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.87	16.75	16.55	18.5	0
5	QPSK	1	12	17.07	17.22	17.19		
5	QPSK	1	24	16.78	16.90	17.14		
5	QPSK	12	0	17.07	17.15	17.15	18.5	0
5	QPSK	12	7	17.06	17.13	17.19		
5	QPSK	12	13	17.08	17.13	17.01		
5	QPSK	25	0	17.02	17.09	17.12		
5	16QAM	1	0	16.79	16.86	16.70	18.5	0
5	16QAM	1	12	16.90	17.07	16.91		
5	16QAM	1	24	16.93	16.82	17.01		
5	16QAM	12	0	16.98	16.84	16.92	18.5	0
5	16QAM	12	7	17.12	17.03	16.98		
5	16QAM	12	13	16.86	16.89	16.90		
5	16QAM	25	0	16.96	16.86	16.80		
5	64QAM	1	0	16.96	16.80	16.80	18.5	0
5	64QAM	1	12	17.02	16.99	17.01		
5	64QAM	1	24	16.94	16.76	16.90		
5	64QAM	12	0	17.04	17.05	16.87	18.5	0
5	64QAM	12	7	17.05	17.02	17.04		
5	64QAM	12	13	17.12	16.83	16.92		
5	64QAM	25	0	17.03	16.98	16.84		

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		23.42		25	0
10	QPSK	1	25		23.63			
10	QPSK	1	49		23.37			
10	QPSK	25	0		22.52		24	1
10	QPSK	25	12		22.51			
10	QPSK	25	25		22.49			
10	QPSK	50	0		22.51			
10	16QAM	1	0		22.68		24	1
10	16QAM	1	25		22.78			
10	16QAM	1	49		22.61			
10	16QAM	25	0		21.49		23	2
10	16QAM	25	12		21.49			
10	16QAM	25	25		21.48			
10	16QAM	50	0		21.47			
10	64QAM	1	0		21.54		23	2
10	64QAM	1	25		21.68			
10	64QAM	1	49		21.54			
10	64QAM	25	0		20.51		22	3
10	64QAM	25	12		20.53			
10	64QAM	25	25		20.52			
10	64QAM	50	0		20.51			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.34	23.31	23.31	25	0
5	QPSK	1	12	23.62	23.61	23.61		
5	QPSK	1	24	23.33	23.30	23.25		
5	QPSK	12	0	22.46	22.50	22.47	24	1
5	QPSK	12	7	22.56	22.55	22.50		
5	QPSK	12	13	22.45	22.47	22.45		
5	QPSK	25	0	22.49	22.49	22.45		
5	16QAM	1	0	22.58	22.60	22.55	24	1
5	16QAM	1	12	22.92	22.85	22.89		
5	16QAM	1	24	22.62	22.58	22.54		
5	16QAM	12	0	21.39	21.47	21.45	23	2
5	16QAM	12	7	21.51	21.45	21.45		
5	16QAM	12	13	21.43	21.42	21.39		
5	16QAM	25	0	21.45	21.46	21.43		
5	64QAM	1	0	21.49	21.44	21.46	23	2
5	64QAM	1	12	21.73	21.74	21.74		
5	64QAM	1	24	21.46	21.47	21.37		
5	64QAM	12	0	20.45	20.52	20.49	22	3
5	64QAM	12	7	20.59	20.54	20.50		
5	64QAM	12	13	20.49	20.46	20.44		
5	64QAM	25	0	20.45	20.47	20.43		

Band 18_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				23925				
Frequency (MHz)				822.5				
15	QPSK	1	0		23.36		25	0
15	QPSK	1	37		23.67			
15	QPSK	1	74		23.28			
15	QPSK	36	0		22.49		24	1
15	QPSK	36	20		22.43			
15	QPSK	36	39		22.43			
15	QPSK	75	0		22.45			
15	16QAM	1	0		22.60		24	1
15	16QAM	1	37		22.87			
15	16QAM	1	74		22.50			
15	16QAM	36	0		21.45		23	2
15	16QAM	36	20		21.47			
15	16QAM	36	39		21.40			
15	16QAM	75	0		21.45			
15	64QAM	1	0		21.58		23	2
15	64QAM	1	37		21.81			
15	64QAM	1	74		21.47			
15	64QAM	36	0		20.44		22	3
15	64QAM	36	20		20.45			
15	64QAM	36	39		20.41			
15	64QAM	75	0		20.43			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	23.42	23.44	23.39	25	0
10	QPSK	1	25	23.53	23.47	23.46		
10	QPSK	1	49	23.42	23.39	23.32		
10	QPSK	25	0	22.49	22.44	22.44	24	1
10	QPSK	25	12	22.50	22.46	22.46		
10	QPSK	25	25	22.49	22.44	22.39		
10	QPSK	50	0	22.51	22.46	22.43		
10	16QAM	1	0	22.70	22.67	22.64	24	1
10	16QAM	1	25	22.74	22.75	22.71		
10	16QAM	1	49	22.64	22.59	22.56		
10	16QAM	25	0	21.48	21.45	21.44	23	2
10	16QAM	25	12	21.52	21.47	21.47		
10	16QAM	25	25	21.51	21.43	21.41		
10	16QAM	50	0	21.50	21.49	21.41		
10	64QAM	1	0	21.59	21.62	21.54	23	2
10	64QAM	1	25	21.67	21.72	21.58		
10	64QAM	1	49	21.59	21.55	21.49		
10	64QAM	25	0	20.48	20.43	20.41	22	3
10	64QAM	25	12	20.49	20.44	20.42		
10	64QAM	25	25	20.48	20.42	20.36		
10	64QAM	50	0	20.48	20.46	20.39		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	23.31	23.32	23.27	25	0
5	QPSK	1	12	23.61	23.57	23.46		
5	QPSK	1	24	23.32	23.28	23.22		
5	QPSK	12	0	22.45	22.41	22.42	24	1
5	QPSK	12	7	22.53	22.45	22.41		
5	QPSK	12	13	22.49	22.42	22.35		
5	QPSK	25	0	22.47	22.39	22.38		
5	16QAM	1	0	22.58	22.58	22.51	24	1
5	16QAM	1	12	22.82	22.84	22.70		
5	16QAM	1	24	22.57	22.55	22.49		
5	16QAM	12	0	21.46	21.38	21.40	23	2
5	16QAM	12	7	21.52	21.44	21.42		
5	16QAM	12	13	21.47	21.41	21.36		
5	16QAM	25	0	21.49	21.38	21.39		
5	64QAM	1	0	21.51	21.50	21.41	23	2
5	64QAM	1	12	21.76	21.63	21.63		
5	64QAM	1	24	21.46	21.43	21.39		
5	64QAM	12	0	20.40	20.39	20.41	22	3
5	64QAM	12	7	20.52	20.45	20.42		
5	64QAM	12	13	20.51	20.41	20.35		
5	64QAM	25	0	20.46	20.34	20.34		

Band 19_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					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		23.41		25	0
15	QPSK	1	37		23.58			
15	QPSK	1	74		23.27			
15	QPSK	36	0		22.65		24	1
15	QPSK	36	20		22.56			
15	QPSK	36	39		22.49			
15	QPSK	75	0		22.52			
15	16QAM	1	0		22.62		24	1
15	16QAM	1	37		22.90			
15	16QAM	1	74		22.49			
15	16QAM	36	0		21.55		23	2
15	16QAM	36	20		21.53			
15	16QAM	36	39		21.51			
15	16QAM	75	0		21.55			
15	64QAM	1	0		21.60		23	2
15	64QAM	1	37		21.86			
15	64QAM	1	74		21.42			
15	64QAM	36	0		20.53		22	3
15	64QAM	36	20		20.56			
15	64QAM	36	39		20.48			
15	64QAM	75	0		20.50			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	23.45	23.42	23.46	25	0
10	QPSK	1	25	23.49	23.56	23.54		
10	QPSK	1	49	23.39	23.40	23.31		
10	QPSK	25	0	22.60	22.55	22.53	24	1
10	QPSK	25	12	22.55	22.54	22.52		
10	QPSK	25	25	22.56	22.53	22.47		
10	QPSK	50	0	22.59	22.57	22.51		
10	16QAM	1	0	22.65	22.69	22.73	24	1
10	16QAM	1	25	22.84	22.83	22.80		
10	16QAM	1	49	22.71	22.64	22.57		
10	16QAM	25	0	21.62	21.58	21.55	23	2
10	16QAM	25	12	21.56	21.56	21.52		
10	16QAM	25	25	21.56	21.56	21.47		
10	16QAM	50	0	21.58	21.56	21.53		
10	64QAM	1	0	21.61	21.65	21.65	23	2
10	64QAM	1	25	21.78	21.72	21.75		
10	64QAM	1	49	21.62	21.56	21.49		
10	64QAM	25	0	20.56	20.48	20.51	22	3
10	64QAM	25	12	20.53	20.52	20.50		
10	64QAM	25	25	20.56	20.52	20.43		
10	64QAM	50	0	20.53	20.53	20.47		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	23.33	23.36	23.28	25	0
5	QPSK	1	12	23.54	23.54	23.49		
5	QPSK	1	24	23.33	23.29	23.19		
5	QPSK	12	0	22.50	22.50	22.47	24	1
5	QPSK	12	7	22.56	22.55	22.52		
5	QPSK	12	13	22.47	22.52	22.38		
5	QPSK	25	0	22.52	22.49	22.42		
5	16QAM	1	0	22.55	22.59	22.57	24	1
5	16QAM	1	12	22.83	22.91	22.81		
5	16QAM	1	24	22.54	22.55	22.48		
5	16QAM	12	0	21.50	21.51	21.49	23	2
5	16QAM	12	7	21.56	21.55	21.50		
5	16QAM	12	13	21.52	21.47	21.38		
5	16QAM	25	0	21.50	21.51	21.43		
5	64QAM	1	0	21.51	21.57	21.50	23	2
5	64QAM	1	12	21.83	21.85	21.86		
5	64QAM	1	24	21.53	21.50	21.41		
5	64QAM	12	0	20.49	20.48	20.46	22	3
5	64QAM	12	7	20.54	20.54	20.49		
5	64QAM	12	13	20.50	20.49	20.38		
5	64QAM	25	0	20.47	20.46	20.37		

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	23.53	23.62	23.56	25	0
15	QPSK	1	37	23.60	23.83	23.53		
15	QPSK	1	74	23.35	23.27	23.16		
15	QPSK	36	0	22.51	22.54	22.41	24	1
15	QPSK	36	20	22.53	22.48	22.37		
15	QPSK	36	39	22.50	22.45	22.25		
15	QPSK	75	0	22.48	22.50	22.35		
15	16QAM	1	0	22.66	22.57	22.54	24	1
15	16QAM	1	37	22.83	22.81	22.71		
15	16QAM	1	74	22.59	22.51	22.41		
15	16QAM	36	0	21.51	21.52	21.40	23	2
15	16QAM	36	20	21.54	21.43	21.35		
15	16QAM	36	39	21.51	21.40	21.21		
15	16QAM	75	0	21.52	21.48	21.33		
15	64QAM	1	0	21.62	21.49	21.43	23	2
15	64QAM	1	37	21.82	21.73	21.64		
15	64QAM	1	74	21.48	21.45	21.33		
15	64QAM	36	0	20.49	20.48	20.43	22	3
15	64QAM	36	20	20.54	20.44	20.35		
15	64QAM	36	39	20.49	20.42	20.21		
15	64QAM	75	0	20.46	20.44	20.33		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.51	23.37	23.30	25	0
10	QPSK	1	25	23.57	23.45	23.29		
10	QPSK	1	49	23.41	23.32	23.20		
10	QPSK	25	0	22.57	22.54	22.39	24	1
10	QPSK	25	12	22.56	22.45	22.34		
10	QPSK	25	25	22.58	22.42	22.19		
10	QPSK	50	0	22.58	22.50	22.31		
10	16QAM	1	0	22.69	22.57	22.59	24	1
10	16QAM	1	25	22.78	22.68	22.56		
10	16QAM	1	49	22.66	22.61	22.47		
10	16QAM	25	0	21.55	21.51	21.37	23	2
10	16QAM	25	12	21.58	21.43	21.33		
10	16QAM	25	25	21.58	21.41	21.15		
10	16QAM	50	0	21.58	21.46	21.28		
10	64QAM	1	0	21.63	21.55	21.48	23	2
10	64QAM	1	25	21.77	21.61	21.52		
10	64QAM	1	49	21.66	21.47	21.39		
10	64QAM	25	0	20.53	20.52	20.38	22	3
10	64QAM	25	12	20.53	20.43	20.32		
10	64QAM	25	25	20.53	20.41	20.19		
10	64QAM	50	0	20.54	20.48	20.31		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.40	23.28	23.10	25	0
5	QPSK	1	12	22.61	23.50	23.43		
5	QPSK	1	24	23.39	23.25	23.13		
5	QPSK	12	0	22.52	22.43	22.32	24	1
5	QPSK	12	7	22.55	22.44	22.31		
5	QPSK	12	13	22.54	22.37	22.18		
5	QPSK	25	0	22.52	22.38	22.27		
5	16QAM	1	0	22.62	22.52	22.38	24	1
5	16QAM	1	12	22.91	22.78	22.60		
5	16QAM	1	24	22.61	22.47	22.37		
5	16QAM	12	0	21.53	21.39	21.29	23	2
5	16QAM	12	7	21.57	21.40	21.28		
5	16QAM	12	13	21.53	21.34	21.16		
5	16QAM	25	0	21.54	21.37	21.26		
5	64QAM	1	0	21.57	21.43	21.29	23	2
5	64QAM	1	12	21.87	21.66	21.52		
5	64QAM	1	24	21.59	21.45	21.30		
5	64QAM	12	0	20.52	20.43	20.33	22	3
5	64QAM	12	7	20.56	20.43	20.34		
5	64QAM	12	13	20.52	20.38	20.17		
5	64QAM	25	0	20.48	20.38	20.27		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.53	23.42	23.21	25	0
3	QPSK	1	8	23.48	23.36	23.22		
3	QPSK	1	14	23.49	23.36	23.25		
3	QPSK	8	0	22.54	22.40	22.28	24	1
3	QPSK	8	4	22.58	22.45	22.32		
3	QPSK	8	7	22.52	22.40	22.27		
3	QPSK	15	0	22.58	22.43	22.28		
3	16QAM	1	0	22.72	22.63	22.45	24	1
3	16QAM	1	8	22.72	22.59	22.47		
3	16QAM	1	14	22.75	22.61	22.47		
3	16QAM	8	0	21.63	21.47	21.33	23	2
3	16QAM	8	4	21.63	21.49	21.35		
3	16QAM	8	7	21.60	21.44	21.30		
3	16QAM	15	0	21.58	21.40	21.29		
3	64QAM	1	0	21.69	21.52	21.36	23	2
3	64QAM	1	8	21.65	21.53	21.41		
3	64QAM	1	14	21.72	21.52	21.40		
3	64QAM	8	0	20.55	20.44	20.31	22	3
3	64QAM	8	4	20.58	20.44	20.29		
3	64QAM	8	7	20.55	20.41	20.29		
3	64QAM	15	0	20.50	20.39	20.24		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.44	23.30	23.15	25	0
1.4	QPSK	1	3	23.55	23.40	23.28		
1.4	QPSK	1	5	23.44	23.28	23.17		
1.4	QPSK	3	0	23.54	23.42	23.27		
1.4	QPSK	3	1	23.58	23.47	23.35		
1.4	QPSK	3	3	23.56	23.41	23.29		
1.4	QPSK	6	0	22.57	22.42	22.30	24	1
1.4	16QAM	1	0	22.61	22.55	22.39	24	1
1.4	16QAM	1	3	22.78	22.67	22.47		
1.4	16QAM	1	5	22.64	22.57	22.35		
1.4	16QAM	3	0	22.50	22.37	22.24		
1.4	16QAM	3	1	22.54	22.41	22.29		
1.4	16QAM	3	3	22.52	22.38	22.22		
1.4	16QAM	6	0	21.65	21.46	21.37	23	2
1.4	64QAM	1	0	21.62	21.48	21.32	23	2
1.4	64QAM	1	3	21.79	21.54	21.41		
1.4	64QAM	1	5	21.62	21.48	21.33		
1.4	64QAM	3	0	21.66	21.50	21.36		
1.4	64QAM	3	1	21.71	21.54	21.42		
1.4	64QAM	3	3	21.64	21.47	21.39		
1.4	64QAM	6	0	20.52	20.38	20.26	22	3

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	20.98	21.04	21.19	22.5	0
20	QPSK	1	49	21.31	21.46	21.25		
20	QPSK	1	99	20.91	21.14	21.08		
20	QPSK	50	0	21.24	21.45	21.39	22.5	0
20	QPSK	50	24	21.36	21.44	21.40		
20	QPSK	50	50	21.32	21.35	21.22		
20	QPSK	100	0	21.26	21.35	21.30		
20	16QAM	1	0	21.29	21.34	21.31	22.5	0
20	16QAM	1	49	21.30	21.20	21.25		
20	16QAM	1	99	21.12	21.28	21.19		
20	16QAM	50	0	21.37	21.33	21.20	22.5	0
20	16QAM	50	24	21.25	21.35	21.35		
20	16QAM	50	50	21.43	21.24	21.32		
20	16QAM	100	0	21.34	21.40	21.43		
20	64QAM	1	0	21.31	21.30	20.99	22.5	0
20	64QAM	1	49	21.35	21.30	21.33		
20	64QAM	1	99	21.05	21.25	20.85		
20	64QAM	50	0	20.38	20.37	20.49	21.5	1
20	64QAM	50	24	20.36	20.37	20.46		
20	64QAM	50	50	20.31	20.37	20.28		
20	64QAM	100	0	20.31	20.32	20.32		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.88	20.90	21.06	22.5	0
15	QPSK	1	37	21.17	21.36	21.10		
15	QPSK	1	74	20.85	21.07	20.98		
15	QPSK	36	0	21.16	21.39	21.26	22.5	0
15	QPSK	36	20	21.24	21.35	21.26		
15	QPSK	36	39	21.20	21.20	21.11		
15	QPSK	75	0	21.16	21.26	21.24		
15	16QAM	1	0	21.20	21.26	21.17	22.5	0
15	16QAM	1	37	21.20	21.07	21.16		
15	16QAM	1	74	21.03	21.23	21.10		
15	16QAM	36	0	21.30	21.27	21.06	22.5	0
15	16QAM	36	20	21.19	21.23	21.27		
15	16QAM	36	39	21.31	21.17	21.19		
15	16QAM	75	0	21.19	21.27	21.37		
15	64QAM	1	0	21.23	21.19	20.85	22.5	0
15	64QAM	1	37	21.22	21.23	21.19		
15	64QAM	1	74	20.99	21.14	20.78		
15	64QAM	36	0	20.23	20.29	20.36	21.5	1
15	64QAM	36	20	20.23	20.26	20.35		
15	64QAM	36	39	20.24	20.23	20.22		
15	64QAM	75	0	20.18	20.24	20.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.86	20.91	21.05	22.5	0
10	QPSK	1	25	21.21	21.39	21.13		
10	QPSK	1	49	20.80	21.03	20.98		
10	QPSK	25	0	21.17	21.32	21.30	22.5	0
10	QPSK	25	12	21.30	21.38	21.32		
10	QPSK	25	25	21.21	21.22	21.11		
10	QPSK	50	0	21.16	21.25	21.16		
10	16QAM	1	0	21.24	21.27	21.20	22.5	0
10	16QAM	1	25	21.22	21.15	21.19		
10	16QAM	1	49	20.99	21.14	21.08		
10	16QAM	25	0	21.25	21.28	21.08	22.5	0
10	16QAM	25	12	21.17	21.23	21.22		
10	16QAM	25	25	21.32	21.10	21.18		
10	16QAM	50	0	21.26	21.26	21.32		
10	64QAM	1	0	21.19	21.24	20.94	22.5	0
10	64QAM	1	25	21.29	21.21	21.21		
10	64QAM	1	49	20.93	21.10	20.72		
10	64QAM	25	0	20.23	20.27	20.40	21.5	1
10	64QAM	25	12	20.24	20.22	20.37		
10	64QAM	25	25	20.25	20.27	20.20		
10	64QAM	50	0	20.21	20.26	20.18		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.84	20.95	21.07	22.5	0
5	QPSK	1	12	21.26	21.33	21.11		
5	QPSK	1	24	20.86	21.01	20.96		
5	QPSK	12	0	21.15	21.37	21.26	22.5	0
5	QPSK	12	7	21.27	21.32	21.27		
5	QPSK	12	13	21.24	21.20	21.13		
5	QPSK	25	0	21.11	21.23	21.17		
5	16QAM	1	0	21.19	21.26	21.23	22.5	0
5	16QAM	1	12	21.21	21.14	21.20		
5	16QAM	1	24	20.98	21.13	21.09		
5	16QAM	12	0	21.30	21.27	21.12	22.5	0
5	16QAM	12	7	21.19	21.22	21.20		
5	16QAM	12	13	21.35	21.17	21.21		
5	16QAM	25	0	21.28	21.29	21.29		
5	64QAM	1	0	21.22	21.25	20.92	22.5	0
5	64QAM	1	12	21.28	21.17	21.23		
5	64QAM	1	24	20.96	21.19	20.73		
5	64QAM	12	0	20.25	20.26	20.38	21.5	1
5	64QAM	12	7	20.29	20.26	20.32		
5	64QAM	12	13	20.23	20.26	20.18		
5	64QAM	25	0	20.23	20.24	20.19		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.86	20.89	21.09	22.5	0
3	QPSK	1	8	21.18	21.38	21.16		
3	QPSK	1	14	20.86	21.07	21.01		
3	QPSK	8	0	21.10	21.33	21.30	22.5	0
3	QPSK	8	4	21.21	21.36	21.35		
3	QPSK	8	7	21.25	21.25	21.08		
3	QPSK	15	0	21.12	21.21	21.20		
3	16QAM	1	0	21.15	21.29	21.21	22.5	0
3	16QAM	1	8	21.25	21.05	21.14		
3	16QAM	1	14	21.05	21.23	21.14		
3	16QAM	8	0	21.22	21.24	21.07	22.5	0
3	16QAM	8	4	21.16	21.22	21.26		
3	16QAM	8	7	21.37	21.16	21.21		
3	16QAM	15	0	21.29	21.29	21.36		
3	64QAM	1	0	21.20	21.18	20.91	22.5	0
3	64QAM	1	8	21.20	21.23	21.26		
3	64QAM	1	14	21.00	21.14	20.80		
3	64QAM	8	0	20.27	20.26	20.34	21.5	1
3	64QAM	8	4	20.22	20.26	20.38		
3	64QAM	8	7	20.26	20.26	20.18		
3	64QAM	15	0	20.16	20.19	20.19		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.93	20.96	21.09	22.5	0
1.4	QPSK	1	3	21.21	21.35	21.15		
1.4	QPSK	1	5	20.82	21.06	20.95		
1.4	QPSK	3	0	21.10	21.32	21.27		
1.4	QPSK	3	1	21.24	21.36	21.30		
1.4	QPSK	3	3	21.27	21.24	21.13		
1.4	QPSK	6	0	21.17	21.21	21.16	22.5	0
1.4	16QAM	1	0	21.18	21.20	21.18	22.5	0
1.4	16QAM	1	3	21.18	21.05	21.10		
1.4	16QAM	1	5	21.05	21.17	21.08		
1.4	16QAM	3	0	21.27	21.22	21.14		
1.4	16QAM	3	1	21.11	21.29	21.29		
1.4	16QAM	3	3	21.37	21.14	21.17		
1.4	16QAM	6	0	21.23	21.26	21.29	22.5	0
1.4	64QAM	1	0	21.17	21.22	20.92	22.5	0
1.4	64QAM	1	3	21.26	21.23	21.20		
1.4	64QAM	1	5	20.99	21.20	20.71		
1.4	64QAM	3	0	21.26	21.22	21.34		
1.4	64QAM	3	1	21.25	21.23	21.34		
1.4	64QAM	3	3	21.19	21.26	21.29		
1.4	64QAM	6	0	20.25	20.18	20.25	21.5	1

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	19.16	19.19	19.13	20.5	0
20	QPSK	1	49	19.50	19.59	19.55		
20	QPSK	1	99	19.28	19.26	19.30		
20	QPSK	50	0	19.24	19.51	19.47	20.5	0
20	QPSK	50	24	19.26	19.39	19.50		
20	QPSK	50	50	19.24	19.28	19.49		
20	QPSK	100	0	19.24	19.40	19.35		
20	16QAM	1	0	19.03	19.08	19.21	20.5	0
20	16QAM	1	49	19.48	19.50	19.55		
20	16QAM	1	99	19.18	19.32	19.39		
20	16QAM	50	0	19.25	19.34	19.50	20.5	0
20	16QAM	50	24	19.20	19.30	19.54		
20	16QAM	50	50	19.22	19.36	19.46		
20	16QAM	100	0	19.27	19.35	19.58		
20	64QAM	1	0	18.77	18.85	18.95	20.5	0
20	64QAM	1	49	19.23	19.31	19.40		
20	64QAM	1	99	18.88	19.07	19.20		
20	64QAM	50	0	18.65	18.80	18.91	20	0.5
20	64QAM	50	24	18.71	18.87	19.01		
20	64QAM	50	50	18.77	18.82	18.98		
20	64QAM	100	0	18.71	18.81	19.00		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.07	19.08	19.00	20.5	0
15	QPSK	1	37	19.43	19.47	19.50		
15	QPSK	1	74	19.16	19.14	19.21		
15	QPSK	36	0	19.13	19.45	19.36	20.5	0
15	QPSK	36	20	19.20	19.31	19.41		
15	QPSK	36	39	19.10	19.15	19.40		
15	QPSK	75	0	19.09	19.35	19.29		
15	16QAM	1	0	18.91	18.96	19.13	20.5	0
15	16QAM	1	37	19.35	19.45	19.46		
15	16QAM	1	74	19.04	19.21	19.25		
15	16QAM	36	0	19.17	19.29	19.45	20.5	0
15	16QAM	36	20	19.06	19.19	19.40		
15	16QAM	36	39	19.17	19.31	19.41		
15	16QAM	75	0	19.14	19.28	19.53		
15	64QAM	1	0	18.64	18.78	18.89	20.5	0
15	64QAM	1	37	19.16	19.19	19.32		
15	64QAM	1	74	18.75	18.94	19.12		
15	64QAM	36	0	18.59	18.71	18.78	20	0.5
15	64QAM	36	20	18.59	18.73	18.87		
15	64QAM	36	39	18.70	18.72	18.91		
15	64QAM	75	0	18.59	18.74	18.94		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.08	19.05	19.00	20.5	0
10	QPSK	1	25	19.39	19.54	19.49		
10	QPSK	1	49	19.13	19.14	19.19		
10	QPSK	25	0	19.10	19.41	19.32	20.5	0
10	QPSK	25	12	19.12	19.34	19.39		
10	QPSK	25	25	19.12	19.22	19.41		
10	QPSK	50	0	19.10	19.32	19.24		
10	16QAM	1	0	18.89	18.95	19.16	20.5	0
10	16QAM	1	25	19.42	19.45	19.48		
10	16QAM	1	49	19.10	19.17	19.27		
10	16QAM	25	0	19.18	19.19	19.39	20.5	0
10	16QAM	25	12	19.06	19.16	19.41		
10	16QAM	25	25	19.17	19.26	19.34		
10	16QAM	50	0	19.19	19.26	19.49		
10	64QAM	1	0	18.69	18.79	18.88	20.5	0
10	64QAM	1	25	19.10	19.24	19.27		
10	64QAM	1	49	18.81	19.00	19.13		
10	64QAM	25	0	18.56	18.70	18.78	20	0.5
10	64QAM	25	12	18.59	18.80	18.94		
10	64QAM	25	25	18.63	18.68	18.85		
10	64QAM	50	0	18.65	18.69	18.88		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.08	19.13	19.04	20.5	0
5	QPSK	1	12	19.39	19.53	19.40		
5	QPSK	1	24	19.13	19.18	19.23		
5	QPSK	12	0	19.18	19.43	19.34	20.5	0
5	QPSK	12	7	19.20	19.32	19.38		
5	QPSK	12	13	19.11	19.21	19.34		
5	QPSK	25	0	19.09	19.34	19.27		
5	16QAM	1	0	18.91	19.01	19.11	20.5	0
5	16QAM	1	12	19.41	19.44	19.43		
5	16QAM	1	24	19.13	19.18	19.29		
5	16QAM	12	0	19.15	19.28	19.36	20.5	0
5	16QAM	12	7	19.13	19.21	19.44		
5	16QAM	12	13	19.11	19.23	19.40		
5	16QAM	25	0	19.21	19.30	19.48		
5	64QAM	1	0	18.69	18.70	18.89	20.5	0
5	64QAM	1	12	19.10	19.16	19.35		
5	64QAM	1	24	18.82	18.97	19.12		
5	64QAM	12	0	18.59	18.71	18.86	20	0.5
5	64QAM	12	7	18.63	18.75	18.91		
5	64QAM	12	13	18.64	18.73	18.86		
5	64QAM	25	0	18.58	18.73	18.86		

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	19.05	19.00	19.03	19.20	20.5	0
20	QPSK	1	49	19.09	19.17	19.42	19.71		
20	QPSK	1	99	19.19	19.08	19.14	19.20		
20	QPSK	50	0	18.86	18.99	19.21	19.54	20.5	0
20	QPSK	50	24	18.92	19.06	19.26	19.50		
20	QPSK	50	50	18.86	19.10	19.32	19.46		
20	QPSK	100	0	18.86	19.06	19.28	19.45		
20	16QAM	1	0	18.95	19.00	19.03	19.42	20.5	0
20	16QAM	1	49	19.14	19.18	19.51	19.70		
20	16QAM	1	99	18.99	19.02	19.22	19.33		
20	16QAM	50	0	18.95	18.94	19.30	19.55	20.5	0
20	16QAM	50	24	18.95	19.00	19.19	19.69		
20	16QAM	50	50	18.96	19.05	19.22	19.55		
20	16QAM	100	0	18.90	19.06	19.26	19.57		
20	64QAM	1	0	18.85	18.90	18.78	19.05	20.5	0
20	64QAM	1	49	18.87	18.95	19.28	19.49		
20	64QAM	1	99	18.80	18.72	19.00	19.08		
20	64QAM	50	0	18.69	18.64	18.93	19.04	20.5	0
20	64QAM	50	24	18.57	18.67	19.01	19.11		
20	64QAM	50	50	18.59	18.76	18.99	19.04		
20	64QAM	100	0	18.57	18.74	19.04	19.05		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	18.92	18.89	18.96	19.07	20.5	0
15	QPSK	1	37	18.94	19.02	19.37	19.66		
15	QPSK	1	74	19.12	18.94	19.06	19.12		
15	QPSK	36	0	18.71	18.93	19.10	19.49	20.5	0
15	QPSK	36	20	18.77	19.01	19.19	19.45		
15	QPSK	36	39	18.73	19.01	19.26	19.39		
15	QPSK	75	0	18.77	19.00	19.14	19.33		
15	16QAM	1	0	18.87	18.90	18.96	19.34	20.5	0
15	16QAM	1	37	19.07	19.10	19.37	19.61		
15	16QAM	1	74	18.90	18.91	19.08	19.24		
15	16QAM	36	0	18.85	18.81	19.23	19.41	20.5	0
15	16QAM	36	20	18.84	18.87	19.11	19.57		
15	16QAM	36	39	18.87	18.97	19.09	19.42		
15	16QAM	75	0	18.75	18.99	19.18	19.49		
15	64QAM	1	0	18.79	18.78	18.65	18.98	20.5	0
15	64QAM	1	37	18.80	18.85	19.17	19.37		
15	64QAM	1	74	18.65	18.58	18.86	19.02		
15	64QAM	36	0	18.61	18.55	18.81	18.89	20.5	0
15	64QAM	36	20	18.47	18.60	18.96	19.01		
15	64QAM	36	39	18.52	18.62	18.93	18.99		
15	64QAM	75	0	18.42	18.63	18.92	18.97		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	18.91	18.89	18.96	19.06	20.5	0
10	QPSK	1	25	19.02	19.05	19.29	19.62		
10	QPSK	1	49	19.14	18.93	19.07	19.06		
10	QPSK	25	0	18.78	18.86	19.15	19.48	20.5	0
10	QPSK	25	12	18.85	18.99	19.17	19.40		
10	QPSK	25	25	18.81	19.00	19.19	19.34		
10	QPSK	50	0	18.80	19.00	19.23	19.32		
10	16QAM	1	0	18.80	18.91	18.95	19.30	20.5	0
10	16QAM	1	25	19.01	19.08	19.38	19.60		
10	16QAM	1	49	18.91	18.92	19.16	19.20		
10	16QAM	25	0	18.86	18.85	19.20	19.49	20.5	0
10	16QAM	25	12	18.89	18.86	19.08	19.59		
10	16QAM	25	25	18.88	18.91	19.14	19.50		
10	16QAM	50	0	18.78	19.00	19.12	19.49		
10	64QAM	1	0	18.73	18.83	18.72	18.98	20.5	0
10	64QAM	1	25	18.72	18.88	19.15	19.40		
10	64QAM	1	49	18.75	18.61	18.94	18.98		
10	64QAM	25	0	18.63	18.51	18.88	18.97	20.5	0
10	64QAM	25	12	18.48	18.54	18.92	18.97		
10	64QAM	25	25	18.46	18.63	18.93	18.91		
10	64QAM	50	0	18.46	18.66	18.96	18.97		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	18.90	18.91	18.98	19.05	20.5	0
5	QPSK	1	12	19.02	19.03	19.28	19.59		
5	QPSK	1	24	19.09	18.95	19.01	19.05		
5	QPSK	12	0	18.74	18.88	19.08	19.40	20.5	0
5	QPSK	12	7	18.85	18.98	19.19	19.35		
5	QPSK	12	13	18.81	19.01	19.26	19.33		
5	QPSK	25	0	18.77	18.91	19.17	19.31		
5	16QAM	1	0	18.89	18.93	18.93	19.27	20.5	0
5	16QAM	1	12	19.02	19.04	19.46	19.55		
5	16QAM	1	24	18.92	18.88	19.09	19.18		
5	16QAM	12	0	18.83	18.79	19.24	19.42	20.5	0
5	16QAM	12	7	18.84	18.95	19.07	19.57		
5	16QAM	12	13	18.84	18.95	19.12	19.44		
5	16QAM	25	0	18.83	18.96	19.18	19.51		
5	64QAM	1	0	18.79	18.85	18.67	19.00	20.5	0
5	64QAM	1	12	18.80	18.82	19.20	19.35		
5	64QAM	1	24	18.65	18.64	18.88	18.98		
5	64QAM	12	0	18.64	18.59	18.79	18.97	20.5	0
5	64QAM	12	7	18.49	18.54	18.89	19.05		
5	64QAM	12	13	18.46	18.68	18.93	18.95		
5	64QAM	25	0	18.45	18.68	18.93	18.98		

Reduced Power for DSI6

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.28	32.39	32.42	**33.50**	23.28	23.39	23.42	24.50
GPRS 1 Tx slot	32.27	32.37	32.41	**33.50**	23.27	23.37	23.41	24.50
GPRS 2 Tx slots	29.82	29.94	29.95	**30.50**	23.82	23.94	23.95	24.50
GPRS 3 Tx slots	28.08	28.13	28.16	**28.50**	23.82	23.87	23.90	24.24
GPRS 4 Tx slots	26.73	26.83	26.82	**27.50**	23.73	23.83	23.82	24.50
EDGE 1 Tx slot	27.04	27.06	27.02	**28.00**	18.04	18.06	18.02	19.00
EDGE 2 Tx slots	24.17	24.15	23.80	**25.00**	18.17	18.15	17.80	19.00
EDGE 3 Tx slots	22.65	22.57	22.50	**24.00**	18.39	18.31	18.24	19.74
EDGE 4 Tx slots	21.07	21.15	21.01	**22.50**	18.07	18.15	18.01	19.50
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	26.83	26.80	26.70	**27.50**	17.83	17.80	17.70	18.50
GPRS 1 Tx slot	26.81	26.79	26.64	**27.50**	17.81	17.79	17.64	18.50
GPRS 2 Tx slots	24.12	24.14	24.01	**24.50**	18.12	18.14	18.01	18.50
GPRS 3 Tx slots	22.00	22.13	22.03	**22.50**	17.74	17.87	17.77	18.24
GPRS 4 Tx slots	21.08	21.23	21.19	**21.50**	18.08	18.23	18.19	18.50
EDGE 1 Tx slot	23.21	23.24	23.14	**24.00**	14.21	14.24	14.14	15.00
EDGE 2 Tx slots	20.04	20.01	20.02	**21.00**	14.04	14.01	14.02	15.00
EDGE 3 Tx slots	17.92	17.96	17.91	**19.00**	13.66	13.70	13.65	14.74
EDGE 4 Tx slots	16.82	16.93	16.80	**18.00**	13.82	13.93	13.80	15.00

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	32.39	32.48	32.47	**33.50**	23.39	23.48	23.47	24.50
GPRS 1 Tx slot	32.38	32.45	32.46	**33.50**	23.38	23.45	23.46	24.50
GPRS 2 Tx slots	29.95	30.05	30.02	**30.50**	23.95	24.05	24.02	24.50
GPRS 3 Tx slots	28.16	28.21	28.21	**28.50**	23.90	23.95	23.95	24.24
GPRS 4 Tx slots	26.83	26.89	26.87	**27.50**	23.83	23.89	23.87	24.50
EDGE 1 Tx slot	27.04	27.13	26.94	**28.00**	18.04	18.13	17.94	19.00
EDGE 2 Tx slots	24.03	24.08	23.74	**25.00**	18.03	18.08	17.74	19.00
EDGE 3 Tx slots	22.63	22.56	22.38	**24.00**	18.37	18.30	18.12	19.74
EDGE 4 Tx slots	21.13	21.23	20.91	**22.50**	18.13	18.23	17.91	19.50
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	29.42	29.51	29.59	**30.50**	20.42	20.51	20.59	21.50
GPRS 1 Tx slot	29.41	29.42	29.58	**30.50**	20.41	20.42	20.58	21.50
GPRS 2 Tx slots	27.07	27.09	27.11	**27.50**	21.07	21.09	21.11	21.50
GPRS 3 Tx slots	25.30	25.24	25.37	**25.50**	21.04	20.98	21.11	21.24
GPRS 4 Tx slots	23.97	24.06	24.05	**24.50**	20.97	21.06	21.05	21.50
EDGE 1 Tx slot	25.83	26.14	26.17	**27.00**	16.83	17.14	17.17	18.00
EDGE 2 Tx slots	22.85	23.13	23.08	**24.00**	16.85	17.13	17.08	18.00
EDGE 3 Tx slots	21.02	21.23	21.13	**22.00**	16.76	16.97	16.87	17.74
EDGE 4 Tx slots	19.62	19.83	19.82	**21.00**	16.62	16.83	16.82	18.00

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA II_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.75	19.85	19.90	**21.00**	17.90	17.94	17.96	**19.00**
3GPP Rel 99	RMC 12.2Kbps	19.78	19.95	19.93	**21.00**	18.00	18.05	18.02	**19.00**
3GPP Rel 6	HSDPA Subtest-1	18.84	18.90	18.89	**20.00**	16.90	16.97	16.99	**18.00**
3GPP Rel 6	HSDPA Subtest-2	18.73	18.83	18.87	**20.00**	16.81	16.83	16.91	**18.00**
3GPP Rel 6	HSDPA Subtest-3	18.26	18.31	18.34	**19.00**	16.35	16.30	16.42	**17.00**
3GPP Rel 6	HSDPA Subtest-4	18.25	18.31	18.36	**19.00**	16.28	16.31	16.38	**17.00**
3GPP Rel 8	DC-HSDPA Subtest-1	18.48	18.61	18.50	**20.00**	16.72	16.72	16.74	**18.00**
3GPP Rel 8	DC-HSDPA Subtest-2	18.62	18.62	18.64	**20.00**	16.62	16.64	16.63	**18.00**
3GPP Rel 8	DC-HSDPA Subtest-3	17.95	18.20	18.08	**19.00**	16.02	16.12	16.08	**17.00**
3GPP Rel 8	DC-HSDPA Subtest-4	17.92	18.22	18.14	**19.00**	16.05	16.14	16.22	**17.00**
3GPP Rel 6	HSUPA Subtest-1	17.91	17.43	17.52	**18.00**	15.88	15.90	15.76	**16.00**
3GPP Rel 6	HSUPA Subtest-2	17.37	17.43	17.54	**18.00**	15.50	15.51	15.59	**16.00**
3GPP Rel 6	HSUPA Subtest-3	18.35	18.51	18.48	**19.00**	16.43	16.47	16.54	**17.00**
3GPP Rel 6	HSUPA Subtest-4	16.82	16.88	17.02	**17.50**	15.00	15.02	15.04	**15.50**
3GPP Rel 6	HSUPA Subtest-5	18.30	18.40	18.40	**19.00**	16.30	16.50	16.40	**17.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.23	17.06	17.23	**18.00**	15.33	15.25	15.40	**16.00**
Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.84	22.81	22.73	**24.00**	22.80	22.81	22.68	**24.00**
3GPP Rel 99	RMC 12.2Kbps	22.85	22.86	22.75	**24.00**	22.83	22.84	22.69	**24.00**
3GPP Rel 6	HSDPA Subtest-1	21.89	21.97	21.80	**23.00**	21.88	21.89	21.79	**23.00**
3GPP Rel 6	HSDPA Subtest-2	21.76	21.77	21.70	**23.00**	21.81	21.51	21.62	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.25	21.30	21.16	**22.00**	21.30	21.28	21.15	**22.00**
3GPP Rel 6	HSDPA Subtest-4	21.24	21.32	21.17	**22.00**	21.32	21.22	21.12	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-1	21.81	21.85	21.68	**23.00**	21.79	21.75	21.73	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	21.71	21.62	21.62	**23.00**	21.69	21.36	21.55	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.17	21.15	21.11	**22.00**	21.16	21.20	21.09	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-4	21.15	21.24	21.12	**22.00**	21.18	21.12	21.02	**22.00**
3GPP Rel 6	HSUPA Subtest-1	20.39	20.40	20.31	**21.00**	20.85	20.35	20.29	**21.00**
3GPP Rel 6	HSUPA Subtest-2	20.35	20.35	20.23	**21.00**	20.33	20.36	20.19	**21.00**
3GPP Rel 6	HSUPA Subtest-3	21.38	21.36	21.33	**22.00**	21.32	21.35	21.29	**22.00**
3GPP Rel 6	HSUPA Subtest-4	19.84	19.92	19.82	**20.50**	19.92	19.87	19.80	**20.50**
3GPP Rel 6	HSUPA Subtest-5	21.30	21.30	21.10	**22.00**	21.20	21.30	21.10	**22.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.26	20.21	20.12	**21.00**	20.25	20.30	20.07	**21.00**

Band		WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.08	20.05	20.10	**21.00**	20.16	20.20	20.19	**21.00**
3GPP Rel 99	RMC 12.2Kbps	20.06	20.13	20.11	**21.00**	20.15	20.23	20.19	**21.00**
3GPP Rel 6	HSDPA Subtest-1	19.13	19.16	19.12	**20.00**	19.18	19.23	19.15	**20.00**
3GPP Rel 6	HSDPA Subtest-2	19.07	19.04	19.07	**20.00**	19.03	19.15	19.05	**20.00**
3GPP Rel 6	HSDPA Subtest-3	18.56	18.51	18.52	**19.00**	18.56	18.51	18.62	**19.00**
3GPP Rel 6	HSDPA Subtest-4	18.55	18.51	18.55	**19.00**	18.49	18.47	18.52	**19.00**
3GPP Rel 8	DC-HSDPA Subtest-1	18.88	19.05	18.81	**20.00**	18.88	18.76	18.94	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-2	18.85	18.86	18.32	**20.00**	18.89	18.90	18.93	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-3	18.45	18.32	18.48	**19.00**	18.40	18.38	18.32	**19.00**
3GPP Rel 8	DC-HSDPA Subtest-4	18.35	18.26	18.39	**19.00**	18.29	18.28	18.32	**19.00**
3GPP Rel 6	HSUPA Subtest-1	17.68	17.66	17.65	**18.00**	17.92	17.81	17.84	**18.00**
3GPP Rel 6	HSUPA Subtest-2	17.69	17.54	17.64	**18.00**	17.83	17.80	17.80	**18.00**
3GPP Rel 6	HSUPA Subtest-3	18.64	18.64	18.65	**19.00**	18.75	18.74	18.74	**19.00**
3GPP Rel 6	HSUPA Subtest-4	17.20	17.15	17.19	**17.50**	17.20	17.27	17.10	**17.50**
3GPP Rel 6	HSUPA Subtest-5	18.50	18.60	18.60	**19.00**	18.63	18.72	18.63	**19.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.39	17.45	17.34	**18.00**	17.55	17.38	17.53	**18.00**

Band 2_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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.17	19.02	19.18	20.5	0
20	QPSK	1	49	19.31	19.45	19.33		
20	QPSK	1	99	18.96	19.16	19.10		
20	QPSK	50	0	19.15	19.41	19.30	20.5	0
20	QPSK	50	24	19.37	19.13	19.28		
20	QPSK	50	50	19.03	19.18	19.00		
20	QPSK	100	0	19.18	19.25	19.21		
20	16QAM	1	0	18.78	18.86	18.83	20.5	0
20	16QAM	1	49	18.87	18.89	18.83		
20	16QAM	1	99	19.17	19.17	19.07		
20	16QAM	50	0	19.08	19.23	19.21	20.5	0
20	16QAM	50	24	19.27	19.23	19.26		
20	16QAM	50	50	19.14	19.15	19.23		
20	16QAM	100	0	19.14	19.17	19.17		
20	64QAM	1	0	18.99	19.11	19.27	20.5	0
20	64QAM	1	49	19.17	19.06	19.06		
20	64QAM	1	99	19.17	19.29	19.37		
20	64QAM	50	0	19.02	19.29	19.16	20.5	0
20	64QAM	50	24	19.13	19.03	19.16		
20	64QAM	50	50	19.14	19.26	19.15		
20	64QAM	100	0	19.25	19.13	19.31		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.05	18.90	19.03	20.5	0
15	QPSK	1	37	19.26	19.37	19.23		
15	QPSK	1	74	18.83	19.06	18.98		
15	QPSK	36	0	19.08	19.33	19.25	20.5	0
15	QPSK	36	20	19.32	19.04	19.22		
15	QPSK	36	39	18.92	19.05	18.95		
15	QPSK	75	0	19.10	19.18	19.06		
15	16QAM	1	0	18.70	18.80	18.70	20.5	0
15	16QAM	1	37	18.82	18.80	18.71		
15	16QAM	1	74	19.03	19.04	18.99		
15	16QAM	36	0	18.94	19.14	19.09	20.5	0
15	16QAM	36	20	19.13	19.12	19.21		
15	16QAM	36	39	19.08	19.02	19.16		
15	16QAM	75	0	19.08	19.12	19.02		
15	64QAM	1	0	18.94	18.98	19.22	20.5	0
15	64QAM	1	37	19.11	18.96	18.96		
15	64QAM	1	74	19.04	19.22	19.23		
15	64QAM	36	0	18.90	19.20	19.11	20.5	0
15	64QAM	36	20	18.98	18.89	19.05		
15	64QAM	36	39	19.00	19.21	19.07		
15	64QAM	75	0	19.15	19.02	19.21		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.11	18.97	19.04	20.5	0
10	QPSK	1	25	19.21	19.34	19.22		
10	QPSK	1	49	18.86	19.09	19.01		
10	QPSK	25	0	19.09	19.36	19.21	20.5	0
10	QPSK	25	12	19.25	18.99	19.17		
10	QPSK	25	25	18.93	19.13	18.95		
10	QPSK	50	0	19.09	19.15	19.09		
10	16QAM	1	0	18.66	18.75	18.75	20.5	0
10	16QAM	1	25	18.82	18.83	18.76		
10	16QAM	1	49	19.04	19.11	18.99		
10	16QAM	25	0	19.00	19.10	19.11	20.5	0
10	16QAM	25	12	19.18	19.18	19.14		
10	16QAM	25	25	19.09	19.02	19.11		
10	16QAM	50	0	19.08	19.10	19.02		
10	64QAM	1	0	18.88	18.98	19.16	20.5	0
10	64QAM	1	25	19.07	18.98	18.99		
10	64QAM	1	49	19.08	19.19	19.28		
10	64QAM	25	0	18.87	19.24	19.06	20.5	0
10	64QAM	25	12	19.01	18.95	19.03		
10	64QAM	25	25	19.08	19.17	19.08		
10	64QAM	50	0	19.20	19.08	19.21		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.08	18.88	19.10	20.5	0
5	QPSK	1	12	19.20	19.39	19.19		
5	QPSK	1	24	18.84	19.01	18.96		
5	QPSK	12	0	19.07	19.34	19.19	20.5	0
5	QPSK	12	7	19.25	18.99	19.23		
5	QPSK	12	13	18.98	19.06	18.91		
5	QPSK	25	0	19.08	19.11	19.11		
5	16QAM	1	0	18.66	18.76	18.75	20.5	0
5	16QAM	1	12	18.78	18.74	18.75		
5	16QAM	1	24	19.06	19.08	18.99		
5	16QAM	12	0	18.95	19.08	19.11	20.5	0
5	16QAM	12	7	19.19	19.18	19.11		
5	16QAM	12	13	19.09	19.10	19.12		
5	16QAM	25	0	19.04	19.03	19.11		
5	64QAM	1	0	18.87	19.03	19.21	20.5	0
5	64QAM	1	12	19.09	18.93	18.98		
5	64QAM	1	24	19.03	19.21	19.29		
5	64QAM	12	0	18.90	19.20	19.11	20.5	0
5	64QAM	12	7	19.04	18.93	19.05		
5	64QAM	12	13	18.99	19.18	19.05		
5	64QAM	25	0	19.17	19.06	19.22		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.11	18.87	19.09	20.5	0
3	QPSK	1	8	19.24	19.30	19.27		
3	QPSK	1	14	18.86	19.06	18.97		
3	QPSK	8	0	19.09	19.34	19.25	20.5	0
3	QPSK	8	4	19.22	18.98	19.20		
3	QPSK	8	7	18.91	19.08	18.94		
3	QPSK	15	0	19.06	19.10	19.09		
3	16QAM	1	0	18.65	18.75	18.71	20.5	0
3	16QAM	1	8	18.77	18.82	18.69		
3	16QAM	1	14	19.02	19.09	18.97		
3	16QAM	8	0	19.00	19.14	19.08	20.5	0
3	16QAM	8	4	19.13	19.09	19.19		
3	16QAM	8	7	19.08	19.03	19.09		
3	16QAM	15	0	19.08	19.05	19.07		
3	64QAM	1	0	18.93	19.02	19.18	20.5	0
3	64QAM	1	8	19.06	18.97	18.93		
3	64QAM	1	14	19.06	19.20	19.27		
3	64QAM	8	0	18.87	19.18	19.05	20.5	0
3	64QAM	8	4	19.02	18.92	19.03		
3	64QAM	8	7	19.07	19.19	19.03		
3	64QAM	15	0	19.14	18.99	19.25		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.09	18.95	19.13	20.5	0
1.4	QPSK	1	3	19.24	19.33	19.26		
1.4	QPSK	1	5	18.84	19.02	19.03		
1.4	QPSK	3	0	19.08	19.34	19.15		
1.4	QPSK	3	1	19.22	19.05	19.19		
1.4	QPSK	3	3	18.92	19.11	18.95		
1.4	QPSK	6	0	19.05	19.11	19.06	20.5	0
1.4	16QAM	1	0	18.66	18.73	18.73	20.5	0
1.4	16QAM	1	3	18.77	18.75	18.77		
1.4	16QAM	1	5	19.11	19.02	19.00		
1.4	16QAM	3	0	19.02	19.14	19.07		
1.4	16QAM	3	1	19.12	19.09	19.12		
1.4	16QAM	3	3	19.02	19.09	19.11		
1.4	16QAM	6	0	19.04	19.05	19.07	20.5	0
1.4	64QAM	1	0	18.91	19.03	19.16	20.5	0
1.4	64QAM	1	3	19.07	18.99	19.00		
1.4	64QAM	1	5	19.10	19.16	19.25		
1.4	64QAM	3	0	18.88	19.18	19.01		
1.4	64QAM	3	1	18.99	18.89	19.04		
1.4	64QAM	3	3	19.03	19.16	19.04		
1.4	64QAM	6	0	19.16	19.04	19.22	20.5	0

Band 2_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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.34	18.14	18.30	19.5	0
20	QPSK	1	49	18.51	18.66	18.57		
20	QPSK	1	99	18.07	18.08	18.24		
20	QPSK	50	0	18.53	18.55	18.52	19.5	0
20	QPSK	50	24	18.46	18.50	18.47		
20	QPSK	50	50	18.47	18.30	18.46		
20	QPSK	100	0	18.43	18.50	18.35		
20	16QAM	1	0	18.32	18.21	18.51	19.5	0
20	16QAM	1	49	18.47	18.50	18.38		
20	16QAM	1	99	18.14	18.50	18.43		
20	16QAM	50	0	18.42	18.34	18.32	19.5	0
20	16QAM	50	24	18.54	18.43	18.61		
20	16QAM	50	50	18.61	18.41	18.58		
20	16QAM	100	0	18.48	18.56	18.50		
20	64QAM	1	0	18.49	18.13	18.46	19.5	0
20	64QAM	1	49	18.41	18.53	18.42		
20	64QAM	1	99	18.25	18.22	18.39		
20	64QAM	50	0	18.60	18.62	18.56	19.5	0
20	64QAM	50	24	18.43	18.46	18.40		
20	64QAM	50	50	18.49	18.49	18.49		
20	64QAM	100	0	18.35	18.59	18.43		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.20	18.08	18.18	19.5	0
15	QPSK	1	37	18.36	18.54	18.49		
15	QPSK	1	74	18.02	18.00	18.15		
15	QPSK	36	0	18.45	18.45	18.38	19.5	0
15	QPSK	36	20	18.32	18.42	18.33		
15	QPSK	36	39	18.35	18.23	18.38		
15	QPSK	75	0	18.38	18.41	18.23		
15	16QAM	1	0	18.17	18.09	18.40	19.5	0
15	16QAM	1	37	18.39	18.40	18.27		
15	16QAM	1	74	18.05	18.41	18.33		
15	16QAM	36	0	18.37	18.23	18.19	19.5	0
15	16QAM	36	20	18.48	18.36	18.51		
15	16QAM	36	39	18.55	18.29	18.43		
15	16QAM	75	0	18.36	18.43	18.40		
15	64QAM	1	0	18.35	18.08	18.33	19.5	0
15	64QAM	1	37	18.33	18.40	18.37		
15	64QAM	1	74	18.20	18.08	18.27		
15	64QAM	36	0	18.46	18.52	18.50	19.5	0
15	64QAM	36	20	18.36	18.31	18.33		
15	64QAM	36	39	18.44	18.34	18.41		
15	64QAM	75	0	18.20	18.50	18.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.24	18.05	18.15	19.5	0
10	QPSK	1	25	18.37	18.60	18.44		
10	QPSK	1	49	17.92	18.00	18.12		
10	QPSK	25	0	18.48	18.40	18.38	19.5	0
10	QPSK	25	12	18.36	18.40	18.34		
10	QPSK	25	25	18.34	18.20	18.39		
10	QPSK	50	0	18.34	18.36	18.22		
10	16QAM	1	0	18.23	18.15	18.38	19.5	0
10	16QAM	1	25	18.37	18.37	18.25		
10	16QAM	1	49	18.04	18.37	18.31		
10	16QAM	25	0	18.37	18.26	18.25	19.5	0
10	16QAM	25	12	18.39	18.32	18.54		
10	16QAM	25	25	18.54	18.31	18.46		
10	16QAM	50	0	18.39	18.43	18.40		
10	64QAM	1	0	18.39	18.01	18.31	19.5	0
10	64QAM	1	25	18.34	18.43	18.33		
10	64QAM	1	49	18.14	18.08	18.32		
10	64QAM	25	0	18.54	18.55	18.49	19.5	0
10	64QAM	25	12	18.38	18.41	18.33		
10	64QAM	25	25	18.38	18.43	18.36		
10	64QAM	50	0	18.20	18.46	18.36		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.25	18.04	18.22	19.5	0
5	QPSK	1	12	18.40	18.56	18.44		
5	QPSK	1	24	18.01	18.01	18.19		
5	QPSK	12	0	18.38	18.43	18.44	19.5	0
5	QPSK	12	7	18.32	18.40	18.42		
5	QPSK	12	13	18.40	18.15	18.41		
5	QPSK	25	0	18.37	18.44	18.30		
5	16QAM	1	0	18.25	18.08	18.42	19.5	0
5	16QAM	1	12	18.37	18.38	18.30		
5	16QAM	1	24	18.00	18.35	18.34		
5	16QAM	12	0	18.28	18.24	18.24	19.5	0
5	16QAM	12	7	18.43	18.38	18.53		
5	16QAM	12	13	18.46	18.34	18.51		
5	16QAM	25	0	18.34	18.41	18.43		
5	64QAM	1	0	18.34	18.01	18.35	19.5	0
5	64QAM	1	12	18.34	18.45	18.30		
5	64QAM	1	24	18.18	18.08	18.27		
5	64QAM	12	0	18.46	18.47	18.50	19.5	0
5	64QAM	12	7	18.34	18.41	18.27		
5	64QAM	12	13	18.36	18.43	18.34		
5	64QAM	25	0	18.25	18.52	18.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.22	18.04	18.16	19.5	0
3	QPSK	1	8	18.42	18.58	18.52		
3	QPSK	1	14	17.96	18.02	18.18		
3	QPSK	8	0	18.44	18.41	18.42	19.5	0
3	QPSK	8	4	18.31	18.45	18.36		
3	QPSK	8	7	18.34	18.25	18.39		
3	QPSK	15	0	18.35	18.45	18.24		
3	16QAM	1	0	18.21	18.08	18.37	19.5	0
3	16QAM	1	8	18.33	18.44	18.27		
3	16QAM	1	14	18.01	18.36	18.34		
3	16QAM	8	0	18.34	18.28	18.27	19.5	0
3	16QAM	8	4	18.46	18.34	18.48		
3	16QAM	8	7	18.50	18.26	18.46		
3	16QAM	15	0	18.43	18.45	18.37		
3	64QAM	1	0	18.36	18.06	18.38	19.5	0
3	64QAM	1	8	18.35	18.46	18.36		
3	64QAM	1	14	18.20	18.10	18.28		
3	64QAM	8	0	18.53	18.52	18.44	19.5	0
3	64QAM	8	4	18.29	18.32	18.25		
3	64QAM	8	7	18.36	18.42	18.40		
3	64QAM	15	0	18.29	18.46	18.37		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.29	18.02	18.23	19.5	0
1.4	QPSK	1	3	18.37	18.58	18.46		
1.4	QPSK	1	5	18.02	17.98	18.15		
1.4	QPSK	3	0	18.45	18.47	18.37		
1.4	QPSK	3	1	18.35	18.36	18.32		
1.4	QPSK	3	3	18.32	18.24	18.39		
1.4	QPSK	6	0	18.30	18.36	18.25	19.5	0
1.4	16QAM	1	0	18.18	18.08	18.39	19.5	0
1.4	16QAM	1	3	18.35	18.36	18.26		
1.4	16QAM	1	5	18.05	18.35	18.31		
1.4	16QAM	3	0	18.31	18.29	18.21		
1.4	16QAM	3	1	18.49	18.37	18.46		
1.4	16QAM	3	3	18.55	18.26	18.46		
1.4	16QAM	6	0	18.35	18.51	18.39	19.5	0
1.4	64QAM	1	0	18.41	18.05	18.37	19.5	0
1.4	64QAM	1	3	18.29	18.46	18.33		
1.4	64QAM	1	5	18.14	18.08	18.32		
1.4	64QAM	3	0	18.47	18.48	18.43		
1.4	64QAM	3	1	18.28	18.36	18.33		
1.4	64QAM	3	3	18.35	18.40	18.41		
1.4	64QAM	6	0	18.23	18.53	18.38	19.5	0

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	18.95	18.98	19.03	20.5	0
20	QPSK	1	49	19.23	19.38	19.25		
20	QPSK	1	99	18.98	18.98	18.96		
20	QPSK	50	0	19.20	19.25	19.22	20.5	0
20	QPSK	50	24	19.09	19.15	19.08		
20	QPSK	50	50	19.15	19.08	19.11		
20	QPSK	100	0	19.06	19.10	19.02		
20	16QAM	1	0	18.85	19.09	19.23	20.5	0
20	16QAM	1	49	19.17	19.20	19.26		
20	16QAM	1	99	19.13	19.09	19.17		
20	16QAM	50	0	19.16	19.29	19.19	20.5	0
20	16QAM	50	24	19.16	19.22	19.25		
20	16QAM	50	50	19.07	19.21	19.02		
20	16QAM	100	0	19.17	19.26	19.16		
20	64QAM	1	0	19.14	18.96	19.31	20.5	0
20	64QAM	1	49	19.20	19.22	19.17		
20	64QAM	1	99	18.86	19.18	18.93		
20	64QAM	50	0	19.30	19.28	19.27	20.5	0
20	64QAM	50	24	19.34	19.20	19.35		
20	64QAM	50	50	19.23	19.30	19.21		
20	64QAM	100	0	19.27	19.13	19.35		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.87	18.85	18.98	20.5	0
15	QPSK	1	37	19.14	19.26	19.18		
15	QPSK	1	74	18.84	18.85	18.90		
15	QPSK	36	0	19.08	19.19	19.13	20.5	0
15	QPSK	36	20	19.01	19.03	18.93		
15	QPSK	36	39	19.07	19.01	18.97		
15	QPSK	75	0	19.00	19.02	18.87		
15	16QAM	1	0	18.77	19.01	19.08	20.5	0
15	16QAM	1	37	19.11	19.12	19.11		
15	16QAM	1	74	19.03	19.03	19.08		
15	16QAM	36	0	19.09	19.16	19.08	20.5	0
15	16QAM	36	20	19.06	19.10	19.20		
15	16QAM	36	39	18.94	19.10	18.96		
15	16QAM	75	0	19.12	19.17	19.05		
15	64QAM	1	0	19.03	18.91	19.22	20.5	0
15	64QAM	1	37	19.13	19.10	19.07		
15	64QAM	1	74	18.76	19.10	18.80		
15	64QAM	36	0	19.20	19.17	19.15	20.5	0
15	64QAM	36	20	19.29	19.09	19.26		
15	64QAM	36	39	19.09	19.15	19.10		
15	64QAM	75	0	19.12	18.99	19.26		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.89	18.86	18.96	20.5	0
10	QPSK	1	25	19.09	19.31	19.12		
10	QPSK	1	49	18.92	18.89	18.82		
10	QPSK	25	0	19.08	19.19	19.17	20.5	0
10	QPSK	25	12	18.97	19.06	18.95		
10	QPSK	25	25	19.02	18.97	18.97		
10	QPSK	50	0	18.95	18.98	18.93		
10	16QAM	1	0	18.74	18.98	19.10	20.5	0
10	16QAM	1	25	19.06	19.13	19.16		
10	16QAM	1	49	19.03	18.96	19.04		
10	16QAM	25	0	19.05	19.24	19.09	20.5	0
10	16QAM	25	12	19.10	19.11	19.19		
10	16QAM	25	25	18.94	19.10	18.96		
10	16QAM	50	0	19.06	19.15	19.09		
10	64QAM	1	0	19.02	18.83	19.17	20.5	0
10	64QAM	1	25	19.13	19.13	19.06		
10	64QAM	1	49	18.74	19.03	18.84		
10	64QAM	25	0	19.22	19.17	19.15	20.5	0
10	64QAM	25	12	19.26	19.05	19.25		
10	64QAM	25	25	19.16	19.15	19.13		
10	64QAM	50	0	19.12	19.06	19.26		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.86	18.83	18.93	20.5	0
5	QPSK	1	12	19.11	19.28	19.18		
5	QPSK	1	24	18.87	18.93	18.88		
5	QPSK	12	0	19.11	19.11	19.16	20.5	0
5	QPSK	12	7	18.95	19.01	18.95		
5	QPSK	12	13	19.02	18.99	18.97		
5	QPSK	25	0	19.01	18.95	18.88		
5	16QAM	1	0	18.71	18.99	19.18	20.5	0
5	16QAM	1	12	19.05	19.11	19.18		
5	16QAM	1	24	19.04	19.03	19.03		
5	16QAM	12	0	19.02	19.21	19.11	20.5	0
5	16QAM	12	7	19.06	19.10	19.15		
5	16QAM	12	13	18.96	19.12	18.89		
5	16QAM	25	0	19.08	19.13	19.01		
5	64QAM	1	0	19.01	18.83	19.23	20.5	0
5	64QAM	1	12	19.05	19.17	19.06		
5	64QAM	1	24	18.78	19.03	18.81		
5	64QAM	12	0	19.16	19.22	19.15	20.5	0
5	64QAM	12	7	19.23	19.12	19.28		
5	64QAM	12	13	19.16	19.22	19.12		
5	64QAM	25	0	19.14	19.06	19.20		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.82	18.84	18.97	20.5	0
3	QPSK	1	8	19.16	19.33	19.12		
3	QPSK	1	14	18.87	18.84	18.89		
3	QPSK	8	0	19.13	19.17	19.15	20.5	0
3	QPSK	8	4	19.02	19.02	18.96		
3	QPSK	8	7	19.07	18.93	19.01		
3	QPSK	15	0	18.91	19.03	18.90		
3	16QAM	1	0	18.72	18.98	19.14	20.5	0
3	16QAM	1	8	19.11	19.07	19.20		
3	16QAM	1	14	19.01	19.03	19.09		
3	16QAM	8	0	19.02	19.16	19.12	20.5	0
3	16QAM	8	4	19.07	19.11	19.15		
3	16QAM	8	7	18.94	19.11	18.95		
3	16QAM	15	0	19.11	19.12	19.05		
3	64QAM	1	0	19.02	18.88	19.18	20.5	0
3	64QAM	1	8	19.13	19.07	19.04		
3	64QAM	1	14	18.73	19.04	18.81		
3	64QAM	8	0	19.21	19.18	19.20	20.5	0
3	64QAM	8	4	19.23	19.13	19.26		
3	64QAM	8	7	19.08	19.20	19.11		
3	64QAM	15	0	19.13	19.03	19.22		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.81	18.85	18.91	20.5	0
1.4	QPSK	1	3	19.12	19.32	19.10		
1.4	QPSK	1	5	18.83	18.93	18.88		
1.4	QPSK	3	0	19.07	19.18	19.15		
1.4	QPSK	3	1	18.97	19.04	19.00		
1.4	QPSK	3	3	19.07	18.98	19.01		
1.4	QPSK	6	0	19.01	18.95	18.97	20.5	0
1.4	16QAM	1	0	18.73	18.97	19.18	20.5	0
1.4	16QAM	1	3	19.08	19.11	19.11		
1.4	16QAM	1	5	18.98	19.00	19.03		
1.4	16QAM	3	0	19.07	19.22	19.07		
1.4	16QAM	3	1	19.03	19.14	19.14		
1.4	16QAM	3	3	18.93	19.14	18.97		
1.4	16QAM	6	0	19.12	19.12	19.10	20.5	0
1.4	64QAM	1	0	19.07	18.89	19.25	20.5	0
1.4	64QAM	1	3	19.15	19.10	19.10		
1.4	64QAM	1	5	18.79	19.13	18.78		
1.4	64QAM	3	0	19.19	19.19	19.12		
1.4	64QAM	3	1	19.29	19.07	19.30		
1.4	64QAM	3	3	19.08	19.19	19.08		
1.4	64QAM	6	0	19.13	18.99	19.20	20.5	0

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	19.16	19.07	19.27	20.5	0
20	QPSK	1	49	19.37	19.59	19.30		
20	QPSK	1	99	19.04	19.33	19.06		
20	QPSK	50	0	19.37	19.55	19.40	20.5	0
20	QPSK	50	24	19.36	19.52	19.36		
20	QPSK	50	50	19.32	19.38	19.23		
20	QPSK	100	0	19.39	19.43	19.40		
20	16QAM	1	0	19.23	19.47	19.37	20.5	0
20	16QAM	1	49	19.27	19.50	19.39		
20	16QAM	1	99	19.25	19.27	19.30		
20	16QAM	50	0	19.40	19.44	19.25	20.5	0
20	16QAM	50	24	19.54	19.50	19.53		
20	16QAM	50	50	19.49	19.52	19.44		
20	16QAM	100	0	19.35	19.44	19.28		
20	64QAM	1	0	19.46	19.44	19.33	20.5	0
20	64QAM	1	49	19.46	19.34	19.50		
20	64QAM	1	99	19.43	18.85	19.36		
20	64QAM	50	0	19.25	19.27	19.41	20.5	0
20	64QAM	50	24	19.27	19.32	19.35		
20	64QAM	50	50	19.25	19.42	19.22		
20	64QAM	100	0	19.28	19.25	19.35		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.05	18.92	19.14	20.5	0
15	QPSK	1	37	18.32	18.51	19.18		
15	QPSK	1	74	17.97	18.18	18.91		
15	QPSK	36	0	18.31	18.48	19.26	20.5	0
15	QPSK	36	20	18.31	18.46	19.25		
15	QPSK	36	39	18.18	18.28	19.13		
15	QPSK	75	0	18.24	18.29	19.34		
15	16QAM	1	0	18.13	18.35	19.25	20.5	0
15	16QAM	1	37	18.17	18.36	19.32		
15	16QAM	1	74	18.18	18.15	19.17		
15	16QAM	36	0	18.25	18.29	19.13	20.5	0
15	16QAM	36	20	18.47	18.38	19.39		
15	16QAM	36	39	18.42	18.41	19.34		
15	16QAM	75	0	18.24	18.30	19.23		
15	64QAM	1	0	18.36	18.31	19.21	20.5	0
15	64QAM	1	37	19.40	19.23	19.38		
15	64QAM	1	74	19.33	18.80	19.31		
15	64QAM	36	0	19.30	19.30	19.46	20.5	0
15	64QAM	36	20	19.21	19.30	19.29		
15	64QAM	36	39	19.12	19.41	19.09		
15	64QAM	75	0	19.41	19.22	19.48		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.02	19.02	19.22	20.5	0
10	QPSK	1	25	19.27	19.49	19.17		
10	QPSK	1	49	18.93	19.22	18.91		
10	QPSK	25	0	19.29	19.42	19.27	20.5	0
10	QPSK	25	12	19.31	19.43	19.30		
10	QPSK	25	25	19.22	19.24	19.17		
10	QPSK	50	0	19.31	19.38	19.29		
10	16QAM	1	0	19.09	19.33	19.27	20.5	0
10	16QAM	1	25	19.15	19.36	19.31		
10	16QAM	1	49	19.19	19.22	19.24		
10	16QAM	25	0	19.31	19.33	19.20	20.5	0
10	16QAM	25	12	19.40	19.44	19.44		
10	16QAM	25	25	19.40	19.41	19.36		
10	16QAM	50	0	19.20	19.32	19.22		
10	64QAM	1	0	19.35	19.29	19.24	20.5	0
10	64QAM	1	25	19.36	19.25	19.38		
10	64QAM	1	49	19.31	18.79	19.25		
10	64QAM	25	0	19.29	19.30	19.45	20.5	0
10	64QAM	25	12	19.20	19.40	19.28		
10	64QAM	25	25	19.21	19.43	19.18		
10	64QAM	50	0	19.33	19.26	19.40		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.11	18.99	19.12	20.5	0
5	QPSK	1	12	19.29	19.45	19.23		
5	QPSK	1	24	18.95	19.20	19.00		
5	QPSK	12	0	19.22	19.43	19.33	20.5	0
5	QPSK	12	7	19.29	19.43	19.29		
5	QPSK	12	13	19.25	19.28	19.10		
5	QPSK	25	0	19.34	19.31	19.34		
5	16QAM	1	0	19.17	19.36	19.23	20.5	0
5	16QAM	1	12	19.22	19.37	19.26		
5	16QAM	1	24	19.14	19.20	19.19		
5	16QAM	12	0	19.26	19.38	19.16	20.5	0
5	16QAM	12	7	19.44	19.35	19.38		
5	16QAM	12	13	19.43	19.39	19.36		
5	16QAM	25	0	19.23	19.30	19.15		
5	64QAM	1	0	19.31	19.35	19.26	20.5	0
5	64QAM	1	12	19.41	19.29	19.37		
5	64QAM	1	24	19.32	18.77	19.21		
5	64QAM	12	0	19.32	19.27	19.48	20.5	0
5	64QAM	12	7	19.13	19.33	19.21		
5	64QAM	12	13	19.24	19.40	19.21		
5	64QAM	25	0	19.29	19.39	19.36		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.08	19.00	19.14	20.5	0
3	QPSK	1	8	19.27	19.51	19.21		
3	QPSK	1	14	18.90	19.22	18.97		
3	QPSK	8	0	19.26	19.46	19.33	20.5	0
3	QPSK	8	4	19.31	19.47	19.28		
3	QPSK	8	7	19.26	19.32	19.10		
3	QPSK	15	0	19.29	19.33	19.27		
3	16QAM	1	0	19.16	19.38	19.26	20.5	0
3	16QAM	1	8	19.18	19.43	19.34		
3	16QAM	1	14	19.17	19.21	19.24		
3	16QAM	8	0	19.34	19.32	19.17	20.5	0
3	16QAM	8	4	19.45	19.43	19.41		
3	16QAM	8	7	19.38	19.46	19.36		
3	16QAM	15	0	19.20	19.37	19.17		
3	64QAM	1	0	19.32	19.36	19.24	20.5	0
3	64QAM	1	8	19.31	19.19	19.40		
3	64QAM	1	14	19.38	18.76	19.22		
3	64QAM	8	0	19.23	19.31	19.39	20.5	0
3	64QAM	8	4	19.14	19.39	19.22		
3	64QAM	8	7	19.16	19.36	19.13		
3	64QAM	15	0	19.36	19.21	19.43		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.05	18.96	19.19	20.5	0
1.4	QPSK	1	3	19.23	19.54	19.24		
1.4	QPSK	1	5	18.92	19.20	18.94		
1.4	QPSK	3	0	19.22	19.50	19.28		
1.4	QPSK	3	1	19.28	19.45	19.28		
1.4	QPSK	3	3	19.20	19.30	19.14		
1.4	QPSK	6	0	19.30	19.37	19.27	20.5	0
1.4	16QAM	1	0	19.10	19.39	19.26	20.5	0
1.4	16QAM	1	3	19.21	19.37	19.24		
1.4	16QAM	1	5	19.17	19.21	19.19		
1.4	16QAM	3	0	19.26	19.30	19.12		
1.4	16QAM	3	1	19.42	19.43	19.44		
1.4	16QAM	3	3	19.44	19.44	19.39		
1.4	16QAM	6	0	19.30	19.31	19.16	20.5	0
1.4	64QAM	1	0	19.40	19.30	19.23	20.5	0
1.4	64QAM	1	3	19.38	19.20	19.37		
1.4	64QAM	1	5	19.29	18.80	19.27		
1.4	64QAM	3	0	19.24	19.27	19.40		
1.4	64QAM	3	1	19.29	19.26	19.37		
1.4	64QAM	3	3	19.17	19.38	19.14		
1.4	64QAM	6	0	19.41	19.28	19.48	20.5	0

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	23.75	23.84	23.72	25	0
10	QPSK	1	25	23.83	23.88	23.79		
10	QPSK	1	49	23.71	23.69	23.68		
10	QPSK	25	0	22.84	22.88	22.80	24	1
10	QPSK	25	12	22.85	22.77	22.81		
10	QPSK	25	25	22.84	22.82	22.72		
10	QPSK	50	0	22.84	22.86	22.79		
10	16QAM	1	0	22.98	22.90	22.94	24	1
10	16QAM	1	25	23.04	22.99	22.94		
10	16QAM	1	49	22.89	22.94	22.82		
10	16QAM	25	0	21.84	21.80	21.79	23	2
10	16QAM	25	12	21.82	21.76	21.79		
10	16QAM	25	25	21.80	21.78	21.66		
10	16QAM	50	0	21.83	21.80	21.73		
10	64QAM	1	0	21.85	21.83	21.86	23	2
10	64QAM	1	25	21.97	21.96	21.87		
10	64QAM	1	49	21.82	21.84	21.79		
10	64QAM	25	0	20.88	20.86	20.83	22	3
10	64QAM	25	12	20.85	20.78	20.84		
10	64QAM	25	25	20.81	20.84	20.71		
10	64QAM	50	0	20.86	20.82	20.76		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.67	23.60	23.58	25	0
5	QPSK	1	12	23.82	23.83	23.81		
5	QPSK	1	24	23.65	23.56	23.59		
5	QPSK	12	0	22.80	22.74	22.73	24	1
5	QPSK	12	7	22.85	22.80	22.79		
5	QPSK	12	13	22.75	22.74	22.65		
5	QPSK	25	0	22.80	22.77	22.72		
5	16QAM	1	0	22.88	22.85	22.77	24	1
5	16QAM	1	12	23.09	23.05	23.08		
5	16QAM	1	24	22.85	22.80	22.71		
5	16QAM	12	0	21.73	21.68	21.70	23	2
5	16QAM	12	7	21.80	21.75	21.73		
5	16QAM	12	13	21.72	21.72	21.60		
5	16QAM	25	0	21.76	21.72	21.69		
5	64QAM	1	0	21.81	21.73	21.74	23	2
5	64QAM	1	12	22.04	22.01	21.98		
5	64QAM	1	24	21.76	21.72	21.67		
5	64QAM	12	0	20.81	20.74	20.77	22	3
5	64QAM	12	7	20.87	20.82	20.79		
5	64QAM	12	13	20.77	20.74	20.67		
5	64QAM	25	0	20.80	20.75	20.71		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.76	23.67	23.68	25	0
3	QPSK	1	8	23.73	23.69	23.69		
3	QPSK	1	14	23.72	23.69	23.68		
3	QPSK	8	0	22.81	22.71	22.72	24	1
3	QPSK	8	4	22.83	22.78	22.77		
3	QPSK	8	7	22.78	22.73	22.70		
3	QPSK	15	0	22.81	22.76	22.74		
3	16QAM	1	0	22.93	22.89	22.83	24	1
3	16QAM	1	8	22.93	22.89	22.81		
3	16QAM	1	14	22.93	22.89	22.83		
3	16QAM	8	0	21.83	21.75	21.75	23	2
3	16QAM	8	4	21.85	21.81	21.77		
3	16QAM	8	7	21.80	21.78	21.71		
3	16QAM	15	0	21.79	21.75	21.72		
3	64QAM	1	0	21.88	21.80	21.81	23	2
3	64QAM	1	8	21.89	21.83	21.78		
3	64QAM	1	14	21.83	21.88	21.80		
3	64QAM	8	0	20.85	20.78	20.82	22	3
3	64QAM	8	4	20.87	20.82	20.83		
3	64QAM	8	7	20.80	20.83	20.73		
3	64QAM	15	0	20.81	20.75	20.74		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.71	23.64	23.62	25	0
1.4	QPSK	1	3	23.82	23.74	23.76		
1.4	QPSK	1	5	23.72	23.62	23.66		
1.4	QPSK	3	0	23.83	23.74	23.76		
1.4	QPSK	3	1	23.81	23.78	23.80		
1.4	QPSK	3	3	23.82	23.74	23.73		
1.4	QPSK	6	0	22.86	22.76	22.77	24	1
1.4	16QAM	1	0	22.93	22.83	22.80	24	1
1.4	16QAM	1	3	23.02	22.98	22.92		
1.4	16QAM	1	5	22.94	22.81	22.77		
1.4	16QAM	3	0	22.78	22.70	22.67		
1.4	16QAM	3	1	22.82	22.74	22.71		
1.4	16QAM	3	3	22.76	22.71	22.63		
1.4	16QAM	6	0	21.86	21.79	21.78	23	2
1.4	64QAM	1	0	21.88	21.77	21.75	23	2
1.4	64QAM	1	3	21.96	21.85	21.85		
1.4	64QAM	1	5	21.88	21.78	21.72		
1.4	64QAM	3	0	21.91	21.80	21.80		
1.4	64QAM	3	1	21.90	21.87	21.86		
1.4	64QAM	3	3	21.87	21.83	21.78		
1.4	64QAM	6	0	20.82	20.72	20.75	22	3

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	23.69	23.62	23.62	25	0
10	QPSK	1	25	23.74	23.79	23.67		
10	QPSK	1	49	23.59	23.57	23.57		
10	QPSK	25	0	22.82	22.83	22.70	24	1
10	QPSK	25	12	22.76	22.68	22.69		
10	QPSK	25	25	22.75	22.74	22.58		
10	QPSK	50	0	22.78	22.84	22.66		
10	16QAM	1	0	22.89	22.84	22.83	24	1
10	16QAM	1	25	22.94	22.95	22.87		
10	16QAM	1	49	22.86	22.86	22.73		
10	16QAM	25	0	21.77	21.69	21.69	23	2
10	16QAM	25	12	21.72	21.68	21.66		
10	16QAM	25	25	21.68	21.72	21.54		
10	16QAM	50	0	21.74	21.71	21.62		
10	64QAM	1	0	21.78	21.73	21.77	23	2
10	64QAM	1	25	21.87	21.90	21.79		
10	64QAM	1	49	21.75	21.77	21.73		
10	64QAM	25	0	20.78	20.72	20.69	22	3
10	64QAM	25	12	20.74	20.68	20.69		
10	64QAM	25	25	20.71	20.74	20.59		
10	64QAM	50	0	20.78	20.71	20.65		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.28	23.22	23.19	25	0
5	QPSK	1	12	23.51	23.49	23.48		
5	QPSK	1	24	23.25	23.21	23.18		
5	QPSK	12	0	22.41	22.36	22.37	24	1
5	QPSK	12	7	22.46	22.44	22.38		
5	QPSK	12	13	22.36	22.37	22.27		
5	QPSK	25	0	22.41	22.38	22.32		
5	16QAM	1	0	22.47	22.48	22.37	24	1
5	16QAM	1	12	22.66	22.76	22.62		
5	16QAM	1	24	22.39	22.42	22.32		
5	16QAM	12	0	21.38	21.29	21.30	23	2
5	16QAM	12	7	21.40	21.38	21.32		
5	16QAM	12	13	21.31	21.33	21.21		
5	16QAM	25	0	21.37	21.34	21.28		
5	64QAM	1	0	21.40	21.34	21.31	23	2
5	64QAM	1	12	21.65	21.64	21.55		
5	64QAM	1	24	21.39	21.34	21.28		
5	64QAM	12	0	20.44	20.35	20.38	22	3
5	64QAM	12	7	20.46	20.44	20.40		
5	64QAM	12	13	20.35	20.40	20.29		
5	64QAM	25	0	20.40	20.37	20.33		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.37	23.29	23.30	25	0
3	QPSK	1	8	23.37	23.30	23.30		
3	QPSK	1	14	23.36	23.31	23.27		
3	QPSK	8	0	22.43	22.33	22.35	24	1
3	QPSK	8	4	22.46	22.39	22.37		
3	QPSK	8	7	22.41	22.36	22.31		
3	QPSK	15	0	22.44	22.37	22.36		
3	16QAM	1	0	22.56	22.54	22.47	24	1
3	16QAM	1	8	22.52	22.51	22.45		
3	16QAM	1	14	22.52	22.57	22.40		
3	16QAM	8	0	21.45	21.38	21.35	23	2
3	16QAM	8	4	21.45	21.45	21.40		
3	16QAM	8	7	21.42	21.39	21.30		
3	16QAM	15	0	21.40	21.37	21.32		
3	64QAM	1	0	21.51	21.40	21.40	23	2
3	64QAM	1	8	21.47	21.45	21.44		
3	64QAM	1	14	21.47	21.51	21.44		
3	64QAM	8	0	20.50	20.38	20.39	22	3
3	64QAM	8	4	20.51	20.45	20.43		
3	64QAM	8	7	20.44	20.43	20.36		
3	64QAM	15	0	20.44	20.37	20.34		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.36	23.27	23.22	25	0
1.4	QPSK	1	3	23.46	23.39	23.38		
1.4	QPSK	1	5	23.35	23.26	23.24		
1.4	QPSK	3	0	23.47	23.37	23.36		
1.4	QPSK	3	1	23.53	23.42	23.39		
1.4	QPSK	3	3	23.47	23.36	23.38		
1.4	QPSK	6	0	22.49	22.37	22.37	24	1
1.4	16QAM	1	0	22.58	22.50	22.36	24	1
1.4	16QAM	1	3	22.68	22.57	22.51		
1.4	16QAM	1	5	22.56	22.51	22.42		
1.4	16QAM	3	0	22.39	22.33	22.27		
1.4	16QAM	3	1	22.44	22.39	22.33		
1.4	16QAM	3	3	22.38	22.31	22.27		
1.4	16QAM	6	0	21.53	21.45	21.42	23	2
1.4	64QAM	1	0	21.52	21.40	21.33	23	2
1.4	64QAM	1	3	21.61	21.44	21.46		
1.4	64QAM	1	5	21.46	21.42	21.39		
1.4	64QAM	3	0	21.53	21.46	21.39		
1.4	64QAM	3	1	21.57	21.53	21.46		
1.4	64QAM	3	3	21.50	21.43	21.40		
1.4	64QAM	6	0	20.45	20.37	20.38	22	3

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	20.27	20.25	20.24	21.5	0
20	QPSK	1	49	20.45	20.55	20.49		
20	QPSK	1	99	20.19	20.24	20.20		
20	QPSK	50	0	20.33	20.52	20.40	21.5	0
20	QPSK	50	24	20.48	20.50	20.45		
20	QPSK	50	50	20.47	20.40	20.39		
20	QPSK	100	0	20.42	20.51	20.43		
20	16QAM	1	0	20.48	20.34	20.20	21.5	0
20	16QAM	1	49	20.35	20.42	20.44		
20	16QAM	1	99	20.43	20.38	20.42		
20	16QAM	50	0	20.42	20.24	20.36	21.5	0
20	16QAM	50	24	20.23	20.31	20.45		
20	16QAM	50	50	20.44	20.33	20.44		
20	16QAM	100	0	20.37	20.27	20.43		
20	64QAM	1	0	20.21	20.20	20.35	21.5	0
20	64QAM	1	49	20.51	20.44	20.45		
20	64QAM	1	99	20.37	20.30	20.40		
20	64QAM	50	0	20.35	20.45	20.41	21.5	0
20	64QAM	50	24	20.45	20.47	20.37		
20	64QAM	50	50	20.39	20.29	20.41		
20	64QAM	100	0	20.36	20.29	20.41		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.15	20.17	20.18	21.5	0
15	QPSK	1	37	20.33	20.46	20.34		
15	QPSK	1	74	20.11	20.12	20.10		
15	QPSK	36	0	20.26	20.47	20.33	21.5	0
15	QPSK	36	20	20.42	20.37	20.38		
15	QPSK	36	39	20.32	20.27	20.33		
15	QPSK	75	0	20.37	20.42	20.32		
15	16QAM	1	0	20.35	20.28	20.10	21.5	0
15	16QAM	1	37	20.27	20.29	20.30		
15	16QAM	1	74	20.33	20.24	20.36		
15	16QAM	36	0	20.31	20.18	20.23	21.5	0
15	16QAM	36	20	20.12	20.22	20.40		
15	16QAM	36	39	20.38	20.24	20.30		
15	16QAM	75	0	20.24	20.15	20.35		
15	64QAM	1	0	20.13	20.05	20.23	21.5	0
15	64QAM	1	37	20.46	20.29	20.36		
15	64QAM	1	74	20.24	20.21	20.33		
15	64QAM	36	0	20.25	20.36	20.27	21.5	0
15	64QAM	36	20	20.30	20.37	20.26		
15	64QAM	36	39	20.33	20.24	20.31		
15	64QAM	75	0	20.30	20.22	20.35		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.16	20.20	20.09	21.5	0
10	QPSK	1	25	20.36	20.43	20.42		
10	QPSK	1	49	20.08	20.18	20.09		
10	QPSK	25	0	20.18	20.43	20.29	21.5	0
10	QPSK	25	12	20.35	20.44	20.35		
10	QPSK	25	25	20.37	20.32	20.29		
10	QPSK	50	0	20.37	20.43	20.30		
10	16QAM	1	0	20.41	20.26	20.05	21.5	0
10	16QAM	1	25	20.21	20.32	20.31		
10	16QAM	1	49	20.33	20.28	20.32		
10	16QAM	25	0	20.28	20.16	20.30	21.5	0
10	16QAM	25	12	20.10	20.19	20.40		
10	16QAM	25	25	20.36	20.22	20.32		
10	16QAM	50	0	20.29	20.19	20.34		
10	64QAM	1	0	20.06	20.15	20.24	21.5	0
10	64QAM	1	25	20.45	20.39	20.36		
10	64QAM	1	49	20.29	20.20	20.30		
10	64QAM	25	0	20.20	20.34	20.33	21.5	0
10	64QAM	25	12	20.40	20.38	20.31		
10	64QAM	25	25	20.29	20.20	20.32		
10	64QAM	50	0	20.27	20.24	20.35		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.19	20.10	20.12	21.5	0
5	QPSK	1	12	20.35	20.43	20.41		
5	QPSK	1	24	20.14	20.09	20.13		
5	QPSK	12	0	20.25	20.46	20.29	21.5	0
5	QPSK	12	7	20.36	20.43	20.35		
5	QPSK	12	13	20.36	20.31	20.27		
5	QPSK	25	0	20.37	20.37	20.30		
5	16QAM	1	0	20.42	20.25	20.06	21.5	0
5	16QAM	1	12	20.24	20.30	20.37		
5	16QAM	1	24	20.35	20.25	20.37		
5	16QAM	12	0	20.34	20.18	20.29	21.5	0
5	16QAM	12	7	20.17	20.17	20.30		
5	16QAM	12	13	20.34	20.24	20.34		
5	16QAM	25	0	20.28	20.14	20.30		
5	64QAM	1	0	20.06	20.09	20.26	21.5	0
5	64QAM	1	12	20.41	20.39	20.32		
5	64QAM	1	24	20.23	20.18	20.25		
5	64QAM	12	0	20.30	20.39	20.32	21.5	0
5	64QAM	12	7	20.39	20.32	20.26		
5	64QAM	12	13	20.24	20.19	20.36		
5	64QAM	25	0	20.24	20.16	20.33		

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	15.85	15.71	15.61	17.5	0
20	QPSK	1	49	16.07	16.29	16.09		
20	QPSK	1	99	15.85	15.79	16.23		
20	QPSK	50	0	15.98	16.23	16.04	17.5	0
20	QPSK	50	24	16.14	16.04	16.19		
20	QPSK	50	50	16.00	16.19	16.03		
20	QPSK	100	0	16.10	16.22	16.21		
20	16QAM	1	0	15.87	16.00	15.82	17.5	0
20	16QAM	1	49	15.82	16.14	15.83		
20	16QAM	1	99	15.95	15.81	16.05		
20	16QAM	50	0	15.92	15.78	15.85	17.5	0
20	16QAM	50	24	16.00	16.07	15.85		
20	16QAM	50	50	15.74	15.84	15.85		
20	16QAM	100	0	16.04	15.94	15.90		
20	64QAM	1	0	15.92	15.81	15.73	17.5	0
20	64QAM	1	49	16.02	16.01	16.04		
20	64QAM	1	99	15.95	15.82	15.87		
20	64QAM	50	0	16.18	15.98	15.93	17.5	0
20	64QAM	50	24	15.97	16.04	16.04		
20	64QAM	50	50	16.04	15.71	15.89		
20	64QAM	100	0	16.09	16.07	15.89		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.89	15.75	15.55	17.5	0
15	QPSK	1	37	16.08	16.17	16.12		
15	QPSK	1	74	15.82	15.81	16.10		
15	QPSK	36	0	16.04	16.19	16.13	17.5	0
15	QPSK	36	20	16.06	16.13	16.10		
15	QPSK	36	39	16.00	16.08	16.07		
15	QPSK	75	0	16.04	16.16	16.14		
15	16QAM	1	0	15.79	15.87	15.74	17.5	0
15	16QAM	1	37	15.86	16.12	15.93		
15	16QAM	1	74	15.93	15.88	16.03		
15	16QAM	36	0	15.98	15.87	15.87	17.5	0
15	16QAM	36	20	16.14	16.09	15.90		
15	16QAM	36	39	15.86	15.94	15.99		
15	16QAM	75	0	16.03	15.84	15.82		
15	64QAM	1	0	15.98	15.79	15.81	17.5	0
15	64QAM	1	37	15.99	15.98	16.05		
15	64QAM	1	74	16.00	15.78	15.86		
15	64QAM	36	0	16.06	16.00	15.82	17.5	0
15	64QAM	36	20	16.03	15.99	16.08		
15	64QAM	36	39	16.03	15.77	15.96		
15	64QAM	75	0	16.09	16.00	15.88		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.82	15.77	15.58	17.5	0
10	QPSK	1	25	16.08	16.24	16.19		
10	QPSK	1	49	15.80	15.81	16.15		
10	QPSK	25	0	16.11	16.17	16.09	17.5	0
10	QPSK	25	12	16.06	16.09	16.17		
10	QPSK	25	25	16.02	16.10	16.02		
10	QPSK	50	0	16.03	16.17	16.08		
10	16QAM	1	0	15.74	15.86	15.73	17.5	0
10	16QAM	1	25	15.93	16.07	15.91		
10	16QAM	1	49	15.96	15.81	16.08		
10	16QAM	25	0	15.93	15.86	15.85	17.5	0
10	16QAM	25	12	16.12	16.11	15.96		
10	16QAM	25	25	15.79	15.89	15.93		
10	16QAM	50	0	16.03	15.90	15.87		
10	64QAM	1	0	15.98	15.78	15.78	17.5	0
10	64QAM	1	25	16.04	15.97	16.01		
10	64QAM	1	49	15.91	15.74	15.83		
10	64QAM	25	0	16.09	16.04	15.88	17.5	0
10	64QAM	25	12	16.01	15.99	16.04		
10	64QAM	25	25	16.06	15.76	15.97		
10	64QAM	50	0	16.03	16.01	15.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.87	15.75	15.55	17.5	0
5	QPSK	1	12	16.07	16.22	16.19		
5	QPSK	1	24	15.78	15.90	16.14		
5	QPSK	12	0	16.07	16.15	16.15	17.5	0
5	QPSK	12	7	16.06	16.13	16.19		
5	QPSK	12	13	16.08	16.13	16.01		
5	QPSK	25	0	16.02	16.09	16.12		
5	16QAM	1	0	15.79	15.86	15.70	17.5	0
5	16QAM	1	12	15.90	16.07	15.91		
5	16QAM	1	24	15.93	15.82	16.01		
5	16QAM	12	0	15.98	15.84	15.92	17.5	0
5	16QAM	12	7	16.12	16.03	15.98		
5	16QAM	12	13	15.86	15.89	15.90		
5	16QAM	25	0	15.96	15.86	15.80		
5	64QAM	1	0	15.96	15.80	15.80	17.5	0
5	64QAM	1	12	16.02	15.99	16.01		
5	64QAM	1	24	15.94	15.76	15.90		
5	64QAM	12	0	16.04	16.05	15.87	17.5	0
5	64QAM	12	7	16.05	16.02	16.04		
5	64QAM	12	13	16.12	15.83	15.92		
5	64QAM	25	0	16.03	15.98	15.84		

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		23.67		25	0
10	QPSK	1	25		23.71			
10	QPSK	1	49		23.44			
10	QPSK	25	0		22.61		24	1
10	QPSK	25	12		22.55			
10	QPSK	25	25		22.47			
10	QPSK	50	0		22.55			
10	16QAM	1	0		22.76		24	1
10	16QAM	1	25		22.93			
10	16QAM	1	49		22.66			
10	16QAM	25	0		21.58		23	2
10	16QAM	25	12		21.61			
10	16QAM	25	25		21.60			
10	16QAM	50	0		21.61			
10	64QAM	1	0		21.58		23	2
10	64QAM	1	25		21.90			
10	64QAM	1	49		21.81			
10	64QAM	25	0		20.57		22	3
10	64QAM	25	12		20.65			
10	64QAM	25	25		20.61			
10	64QAM	50	0		20.49			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.39	23.49	23.35	25	0
5	QPSK	1	12	23.47	23.44	23.48		
5	QPSK	1	24	23.36	23.31	23.16		
5	QPSK	12	0	22.50	22.59	22.57	24	1
5	QPSK	12	7	22.57	22.64	22.61		
5	QPSK	12	13	22.59	22.51	22.53		
5	QPSK	25	0	22.56	22.57	22.55		
5	16QAM	1	0	22.91	22.52	22.62	24	1
5	16QAM	1	12	22.94	23.00	23.15		
5	16QAM	1	24	22.84	22.62	22.45		
5	16QAM	12	0	21.39	21.55	21.45	23	2
5	16QAM	12	7	21.56	21.50	21.39		
5	16QAM	12	13	21.50	21.42	21.47		
5	16QAM	25	0	21.39	21.42	21.54		
5	64QAM	1	0	21.43	21.56	21.23	23	2
5	64QAM	1	12	22.02	21.96	21.64		
5	64QAM	1	24	21.65	21.66	21.42		
5	64QAM	12	0	20.50	20.61	20.46	22	3
5	64QAM	12	7	20.66	20.61	20.58		
5	64QAM	12	13	20.53	20.55	20.57		
5	64QAM	25	0	20.48	20.44	20.54		

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		23.42		25	0
10	QPSK	1	25		23.63			
10	QPSK	1	49		23.37			
10	QPSK	25	0		22.52		24	1
10	QPSK	25	12		22.51			
10	QPSK	25	25		22.49			
10	QPSK	50	0		22.51			
10	16QAM	1	0		22.68		24	1
10	16QAM	1	25		22.78			
10	16QAM	1	49		22.61			
10	16QAM	25	0		21.49		23	2
10	16QAM	25	12		21.49			
10	16QAM	25	25		21.48			
10	16QAM	50	0		21.47			
10	64QAM	1	0		21.54		23	2
10	64QAM	1	25		21.68			
10	64QAM	1	49		21.54			
10	64QAM	25	0		20.51		22	3
10	64QAM	25	12		20.53			
10	64QAM	25	25		20.52			
10	64QAM	50	0		20.51			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.34	23.31	23.31	25	0
5	QPSK	1	12	23.62	23.61	23.61		
5	QPSK	1	24	23.33	23.30	23.25		
5	QPSK	12	0	22.46	22.50	22.47	24	1
5	QPSK	12	7	22.56	22.55	22.50		
5	QPSK	12	13	22.45	22.47	22.45		
5	QPSK	25	0	22.49	22.49	22.45		
5	16QAM	1	0	22.58	22.60	22.55	24	1
5	16QAM	1	12	22.92	22.85	22.89		
5	16QAM	1	24	22.62	22.58	22.54		
5	16QAM	12	0	21.39	21.47	21.45	23	2
5	16QAM	12	7	21.51	21.45	21.45		
5	16QAM	12	13	21.43	21.42	21.39		
5	16QAM	25	0	21.45	21.46	21.43		
5	64QAM	1	0	21.49	21.44	21.46	23	2
5	64QAM	1	12	21.73	21.74	21.74		
5	64QAM	1	24	21.46	21.47	21.37		
5	64QAM	12	0	20.45	20.52	20.49	22	3
5	64QAM	12	7	20.59	20.54	20.50		
5	64QAM	12	13	20.49	20.46	20.44		
5	64QAM	25	0	20.45	20.47	20.43		

Band 18_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					23925			
Frequency (MHz)					822.5			
15	QPSK	1	0		23.56		25	0
15	QPSK	1	37		23.64			
15	QPSK	1	74		23.46			
15	QPSK	36	0		22.65		24	1
15	QPSK	36	20		22.62			
15	QPSK	36	39		22.64			
15	QPSK	75	0		22.67			
15	16QAM	1	0		22.68		24	1
15	16QAM	1	37		22.63			
15	16QAM	1	74		22.85			
15	16QAM	36	0		21.57		23	2
15	16QAM	36	20		21.62			
15	16QAM	36	39		21.58			
15	16QAM	75	0		21.55			
15	64QAM	1	0		21.73		23	2
15	64QAM	1	37		21.88			
15	64QAM	1	74		21.41			
15	64QAM	36	0		20.65		22	3
15	64QAM	36	20		20.63			
15	64QAM	36	39		20.55			
15	64QAM	75	0		20.56			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	23.53	23.55	23.53	25	0
10	QPSK	1	25	23.52	23.55	23.54		
10	QPSK	1	49	23.53	23.47	23.50		
10	QPSK	25	0	22.56	22.61	22.52	24	1
10	QPSK	25	12	22.62	22.63	22.56		
10	QPSK	25	25	22.62	22.55	22.55		
10	QPSK	50	0	22.62	22.58	22.58		
10	16QAM	1	0	22.92	22.95	22.99	24	1
10	16QAM	1	25	22.69	23.00	22.46		
10	16QAM	1	49	22.70	23.00	22.84		
10	16QAM	25	0	21.65	21.55	21.55	23	2
10	16QAM	25	12	21.60	21.52	21.60		
10	16QAM	25	25	21.64	21.61	21.61		
10	16QAM	50	0	21.63	21.57	21.64		
10	64QAM	1	0	21.78	21.85	21.63	23	2
10	64QAM	1	25	21.86	21.95	21.75		
10	64QAM	1	49	21.58	21.84	21.46		
10	64QAM	25	0	20.61	20.56	20.58	22	3
10	64QAM	25	12	20.60	20.48	20.56		
10	64QAM	25	25	20.64	20.59	20.50		
10	64QAM	50	0	20.56	20.59	20.62		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	23.37	23.45	23.42	25	0
5	QPSK	1	12	23.54	23.52	23.44		
5	QPSK	1	24	23.47	23.34	23.39		
5	QPSK	12	0	22.57	22.46	22.55	24	1
5	QPSK	12	7	22.60	22.54	22.61		
5	QPSK	12	13	22.58	22.59	22.54		
5	QPSK	25	0	22.58	22.54	22.53		
5	16QAM	1	0	22.80	22.55	22.35	24	1
5	16QAM	1	12	22.98	22.81	22.81		
5	16QAM	1	24	22.83	22.56	22.51		
5	16QAM	12	0	21.59	21.52	21.54	23	2
5	16QAM	12	7	21.68	21.58	21.56		
5	16QAM	12	13	21.61	21.61	21.51		
5	16QAM	25	0	21.68	21.53	21.50		
5	64QAM	1	0	21.26	21.62	21.61	23	2
5	64QAM	1	12	22.08	21.80	21.88		
5	64QAM	1	24	21.81	21.60	21.72		
5	64QAM	12	0	20.49	20.43	20.52	22	3
5	64QAM	12	7	20.65	20.57	20.52		
5	64QAM	12	13	20.65	20.60	20.48		
5	64QAM	25	0	20.52	20.46	20.40		

Band 18_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					23925			
Frequency (MHz)					822.5			
15	QPSK	1	0		23.35		25	0
15	QPSK	1	37		23.67			
15	QPSK	1	74		23.28			
15	QPSK	36	0		22.49		24	1
15	QPSK	36	20		22.43			
15	QPSK	36	39		22.43			
15	QPSK	75	0		22.45			
15	16QAM	1	0		22.60		24	1
15	16QAM	1	37		22.87			
15	16QAM	1	74		22.50			
15	16QAM	36	0		21.45		23	2
15	16QAM	36	20		21.47			
15	16QAM	36	39		21.40			
15	16QAM	75	0		21.45			
15	64QAM	1	0		21.58		23	2
15	64QAM	1	37		21.81			
15	64QAM	1	74		21.47			
15	64QAM	36	0		20.44		22	3
15	64QAM	36	20		20.45			
15	64QAM	36	39		20.41			
15	64QAM	75	0		20.43			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	23.42	23.44	23.39	25	0
10	QPSK	1	25	23.53	23.47	23.46		
10	QPSK	1	49	23.42	23.39	23.32		
10	QPSK	25	0	22.49	22.44	22.44	24	1
10	QPSK	25	12	22.50	22.46	22.46		
10	QPSK	25	25	22.49	22.44	22.39		
10	QPSK	50	0	22.51	22.46	22.43		
10	16QAM	1	0	22.70	22.67	22.64	24	1
10	16QAM	1	25	22.74	22.75	22.71		
10	16QAM	1	49	22.64	22.59	22.56		
10	16QAM	25	0	21.48	21.45	21.44	23	2
10	16QAM	25	12	21.52	21.47	21.47		
10	16QAM	25	25	21.51	21.43	21.41		
10	16QAM	50	0	21.50	21.49	21.41		
10	64QAM	1	0	21.59	21.62	21.54	23	2
10	64QAM	1	25	21.67	21.72	21.58		
10	64QAM	1	49	21.59	21.55	21.49		
10	64QAM	25	0	20.48	20.43	20.41	22	3
10	64QAM	25	12	20.49	20.44	20.42		
10	64QAM	25	25	20.48	20.42	20.36		
10	64QAM	50	0	20.48	20.46	20.39		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	23.31	23.32	23.27	25	0
5	QPSK	1	12	23.61	23.57	23.46		
5	QPSK	1	24	23.32	23.28	23.22		
5	QPSK	12	0	22.45	22.41	22.42	24	1
5	QPSK	12	7	22.53	22.45	22.41		
5	QPSK	12	13	22.49	22.42	22.35		
5	QPSK	25	0	22.47	22.39	22.38		
5	16QAM	1	0	22.58	22.58	22.51	24	1
5	16QAM	1	12	22.82	22.84	22.70		
5	16QAM	1	24	22.57	22.55	22.49		
5	16QAM	12	0	21.46	21.38	21.40	23	2
5	16QAM	12	7	21.52	21.44	21.42		
5	16QAM	12	13	21.47	21.41	21.36		
5	16QAM	25	0	21.49	21.38	21.39		
5	64QAM	1	0	21.51	21.50	21.41	23	2
5	64QAM	1	12	21.76	21.63	21.63		
5	64QAM	1	24	21.46	21.43	21.39		
5	64QAM	12	0	20.40	20.39	20.41	22	3
5	64QAM	12	7	20.52	20.45	20.42		
5	64QAM	12	13	20.51	20.41	20.35		
5	64QAM	25	0	20.46	20.34	20.34		

Band 19_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					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		23.57		25	0
15	QPSK	1	37		23.65			
15	QPSK	1	74		23.30			
15	QPSK	36	0		22.57		24	1
15	QPSK	36	20		22.56			
15	QPSK	36	39		22.56			
15	QPSK	75	0		22.44			
15	16QAM	1	0		22.68		24	1
15	16QAM	1	37		22.49			
15	16QAM	1	74		22.68			
15	16QAM	36	0		21.63		23	2
15	16QAM	36	20		21.48			
15	16QAM	36	39		21.49			
15	16QAM	75	0		21.52			
15	64QAM	1	0		21.50		23	2
15	64QAM	1	37		21.87			
15	64QAM	1	74		21.54			
15	64QAM	36	0		20.50		22	3
15	64QAM	36	20		20.53			
15	64QAM	36	39		20.53			
15	64QAM	75	0		20.55			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	23.44	23.52	23.44	25	0
10	QPSK	1	25	23.56	23.55	23.51		
10	QPSK	1	49	23.39	23.44	23.41		
10	QPSK	25	0	22.72	22.62	22.55	24	1
10	QPSK	25	12	22.60	22.53	22.59		
10	QPSK	25	25	22.58	22.49	22.43		
10	QPSK	50	0	22.60	22.62	22.58		
10	16QAM	1	0	22.87	22.95	22.74	24	1
10	16QAM	1	25	22.88	23.08	23.01		
10	16QAM	1	49	22.66	22.84	22.46		
10	16QAM	25	0	21.58	21.66	21.58	23	2
10	16QAM	25	12	21.63	21.51	21.58		
10	16QAM	25	25	21.60	21.46	21.41		
10	16QAM	50	0	21.55	21.55	21.59		
10	64QAM	1	0	21.55	21.70	21.85	23	2
10	64QAM	1	25	21.91	21.68	21.85		
10	64QAM	1	49	21.47	21.59	21.46		
10	64QAM	25	0	20.55	20.55	20.62	22	3
10	64QAM	25	12	20.51	20.66	20.54		
10	64QAM	25	25	20.56	20.46	20.58		
10	64QAM	50	0	20.60	20.57	20.54		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	23.37	23.43	23.30	25	0
5	QPSK	1	12	23.54	23.55	23.53		
5	QPSK	1	24	23.36	23.31	23.14		
5	QPSK	12	0	22.55	22.46	22.51	24	1
5	QPSK	12	7	22.54	22.58	22.52		
5	QPSK	12	13	22.47	22.49	22.42		
5	QPSK	25	0	22.58	22.51	22.45		
5	16QAM	1	0	22.59	22.86	22.81	24	1
5	16QAM	1	12	23.17	23.11	23.06		
5	16QAM	1	24	22.77	22.30	22.64		
5	16QAM	12	0	21.42	21.46	21.38	23	2
5	16QAM	12	7	21.57	21.56	21.54		
5	16QAM	12	13	21.50	21.52	21.41		
5	16QAM	25	0	21.53	21.48	21.52		
5	64QAM	1	0	21.37	21.45	21.59	23	2
5	64QAM	1	12	21.82	21.86	21.81		
5	64QAM	1	24	21.61	21.41	21.36		
5	64QAM	12	0	20.42	20.51	20.56	22	3
5	64QAM	12	7	20.71	20.68	20.56		
5	64QAM	12	13	20.54	20.48	20.39		
5	64QAM	25	0	20.52	20.59	20.47		

Band 19_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					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		23.41		25	0
15	QPSK	1	37		23.58			
15	QPSK	1	74		23.27			
15	QPSK	36	0		22.65		24	1
15	QPSK	36	20		22.56			
15	QPSK	36	39		22.49			
15	QPSK	75	0		22.52			
15	16QAM	1	0		22.62		24	1
15	16QAM	1	37		22.90			
15	16QAM	1	74		22.49			
15	16QAM	36	0		21.55		23	2
15	16QAM	36	20		21.53			
15	16QAM	36	39		21.51			
15	16QAM	75	0		21.55			
15	64QAM	1	0		21.60		23	2
15	64QAM	1	37		21.86			
15	64QAM	1	74		21.42			
15	64QAM	36	0		20.53		22	3
15	64QAM	36	20		20.56			
15	64QAM	36	39		20.48			
15	64QAM	75	0		20.50			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	23.45	23.42	23.46	25	0
10	QPSK	1	25	23.49	23.56	23.54		
10	QPSK	1	49	23.39	23.40	23.31		
10	QPSK	25	0	22.60	22.55	22.53	24	1
10	QPSK	25	12	22.55	22.54	22.52		
10	QPSK	25	25	22.56	22.53	22.47		
10	QPSK	50	0	22.59	22.57	22.51		
10	16QAM	1	0	22.65	22.69	22.73	24	1
10	16QAM	1	25	22.84	22.83	22.80		
10	16QAM	1	49	22.71	22.64	22.57		
10	16QAM	25	0	21.62	21.58	21.55	23	2
10	16QAM	25	12	21.56	21.56	21.52		
10	16QAM	25	25	21.56	21.56	21.47		
10	16QAM	50	0	21.58	21.56	21.53		
10	64QAM	1	0	21.61	21.65	21.65	23	2
10	64QAM	1	25	21.78	21.72	21.75		
10	64QAM	1	49	21.62	21.56	21.49		
10	64QAM	25	0	20.56	20.48	20.51	22	3
10	64QAM	25	12	20.53	20.52	20.50		
10	64QAM	25	25	20.56	20.52	20.43		
10	64QAM	50	0	20.53	20.53	20.47		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	23.33	23.36	23.28	25	0
5	QPSK	1	12	23.54	23.54	23.49		
5	QPSK	1	24	23.33	23.29	23.19		
5	QPSK	12	0	22.50	22.50	22.47	24	1
5	QPSK	12	7	22.56	22.55	22.52		
5	QPSK	12	13	22.47	22.52	22.38		
5	QPSK	25	0	22.52	22.49	22.42		
5	16QAM	1	0	22.55	22.59	22.57	24	1
5	16QAM	1	12	22.83	22.91	22.81		
5	16QAM	1	24	22.54	22.55	22.48		
5	16QAM	12	0	21.50	21.51	21.49	23	2
5	16QAM	12	7	21.56	21.55	21.50		
5	16QAM	12	13	21.52	21.47	21.38		
5	16QAM	25	0	21.50	21.51	21.43		
5	64QAM	1	0	21.51	21.57	21.50	23	2
5	64QAM	1	12	21.83	21.85	21.86		
5	64QAM	1	24	21.53	21.50	21.41		
5	64QAM	12	0	20.49	20.48	20.46	22	3
5	64QAM	12	7	20.54	20.54	20.49		
5	64QAM	12	13	20.50	20.49	20.38		
5	64QAM	25	0	20.47	20.46	20.37		

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	23.73	23.76	23.61	25	0
15	QPSK	1	37	23.66	23.89	23.67		
15	QPSK	1	74	23.61	23.57	23.52		
15	QPSK	36	0	22.77	22.89	22.78	24	1
15	QPSK	36	20	22.86	22.69	22.70		
15	QPSK	36	39	22.83	22.63	22.49		
15	QPSK	75	0	22.74	22.78	22.60		
15	16QAM	1	0	23.05	23.03	22.72	24	1
15	16QAM	1	37	22.90	22.74	23.01		
15	16QAM	1	74	22.71	23.00	22.77		
15	16QAM	36	0	21.87	21.76	21.66	23	2
15	16QAM	36	20	21.83	21.72	21.62		
15	16QAM	36	39	21.81	21.64	21.52		
15	16QAM	75	0	21.76	21.76	21.64		
15	64QAM	1	0	21.76	22.05	21.83	23	2
15	64QAM	1	37	21.82	21.93	21.72		
15	64QAM	1	74	21.89	21.62	21.64		
15	64QAM	36	0	20.78	20.75	20.75	22	3
15	64QAM	36	20	20.84	20.71	20.61		
15	64QAM	36	39	20.79	20.63	20.50		
15	64QAM	75	0	20.76	20.71	20.66		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.65	23.63	23.62	25	0
10	QPSK	1	25	23.69	23.75	23.63		
10	QPSK	1	49	23.73	23.53	23.46		
10	QPSK	25	0	22.85	22.76	22.62	24	1
10	QPSK	25	12	22.75	22.67	22.60		
10	QPSK	25	25	22.76	22.72	22.49		
10	QPSK	50	0	22.81	22.76	22.52		
10	16QAM	1	0	22.61	22.84	22.90	24	1
10	16QAM	1	25	23.29	22.89	22.73		
10	16QAM	1	49	22.89	23.11	22.99		
10	16QAM	25	0	21.88	21.68	21.72	23	2
10	16QAM	25	12	21.72	21.62	21.59		
10	16QAM	25	25	21.80	21.60	21.42		
10	16QAM	50	0	21.87	21.62	21.56		
10	64QAM	1	0	21.54	21.53	21.61	23	2
10	64QAM	1	25	21.85	22.10	21.88		
10	64QAM	1	49	21.99	21.57	21.80		
10	64QAM	25	0	20.77	20.79	20.58	22	3
10	64QAM	25	12	20.79	20.68	20.67		
10	64QAM	25	25	20.85	20.75	20.45		
10	64QAM	50	0	20.77	20.69	20.53		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.62	23.42	23.40	25	0
5	QPSK	1	12	23.75	23.72	23.62		
5	QPSK	1	24	23.70	23.48	23.52		
5	QPSK	12	0	22.81	22.69	22.55	24	1
5	QPSK	12	7	22.88	22.73	22.58		
5	QPSK	12	13	22.75	22.59	22.41		
5	QPSK	25	0	22.72	22.74	22.48		
5	16QAM	1	0	23.10	22.73	22.60	24	1
5	16QAM	1	12	23.17	22.73	22.67		
5	16QAM	1	24	23.07	22.62	22.80		
5	16QAM	12	0	21.82	21.76	21.58	23	2
5	16QAM	12	7	21.87	21.76	21.57		
5	16QAM	12	13	21.75	21.63	21.30		
5	16QAM	25	0	21.76	21.64	21.59		
5	64QAM	1	0	22.01	21.93	21.46	23	2
5	64QAM	1	12	22.32	22.03	22.02		
5	64QAM	1	24	21.88	21.33	21.51		
5	64QAM	12	0	20.86	20.69	20.49	22	3
5	64QAM	12	7	20.81	20.70	20.57		
5	64QAM	12	13	20.78	20.71	20.38		
5	64QAM	25	0	20.72	20.67	20.48		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.71	23.63	23.45	25	0
3	QPSK	1	8	23.63	23.72	23.50		
3	QPSK	1	14	23.70	23.70	23.44		
3	QPSK	8	0	22.79	22.70	22.55	24	1
3	QPSK	8	4	22.73	22.78	22.64		
3	QPSK	8	7	22.80	22.74	22.56		
3	QPSK	15	0	22.77	22.73	22.45		
3	16QAM	1	0	22.84	23.11	22.66	24	1
3	16QAM	1	8	23.14	23.05	22.56		
3	16QAM	1	14	23.14	23.05	22.79		
3	16QAM	8	0	21.87	21.75	21.68	23	2
3	16QAM	8	4	22.00	21.83	21.53		
3	16QAM	8	7	21.98	21.67	21.55		
3	16QAM	15	0	21.90	21.79	21.63		
3	64QAM	1	0	21.53	21.46	21.80	23	2
3	64QAM	1	8	21.87	21.84	21.51		
3	64QAM	1	14	21.90	21.83	21.71		
3	64QAM	8	0	20.80	20.74	20.56	22	3
3	64QAM	8	4	20.92	20.61	20.47		
3	64QAM	8	7	20.84	20.75	20.54		
3	64QAM	15	0	20.86	20.65	20.53		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.73	23.58	23.36	25	0
1.4	QPSK	1	3	23.73	23.72	23.63		
1.4	QPSK	1	5	23.63	23.58	23.43		
1.4	QPSK	3	0	23.67	23.65	23.51		
1.4	QPSK	3	1	23.73	23.71	23.52		
1.4	QPSK	3	3	23.73	23.73	23.55		
1.4	QPSK	6	0	22.76	22.71	22.56	24	1
1.4	16QAM	1	0	22.85	22.57	22.49	24	1
1.4	16QAM	1	3	23.05	22.76	22.67		
1.4	16QAM	1	5	22.55	22.67	22.49		
1.4	16QAM	3	0	22.77	22.60	22.55		
1.4	16QAM	3	1	22.90	22.64	22.60		
1.4	16QAM	3	3	22.82	22.54	22.36		
1.4	16QAM	6	0	21.83	21.72	21.69	23	2
1.4	64QAM	1	0	21.94	21.82	21.50	23	2
1.4	64QAM	1	3	21.78	22.11	21.76		
1.4	64QAM	1	5	22.08	21.52	21.79		
1.4	64QAM	3	0	21.99	21.77	21.72		
1.4	64QAM	3	1	22.07	21.79	21.71		
1.4	64QAM	3	3	21.94	21.64	21.69		
1.4	64QAM	6	0	20.79	20.70	20.55	22	3

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	23.53	23.62	23.56	25	0
15	QPSK	1	37	23.60	23.83	23.53		
15	QPSK	1	74	23.35	23.27	23.16		
15	QPSK	36	0	22.51	22.54	22.41	24	1
15	QPSK	36	20	22.53	22.48	22.37		
15	QPSK	36	39	22.50	22.45	22.25		
15	QPSK	75	0	22.48	22.50	22.35		
15	16QAM	1	0	22.66	22.57	22.54	24	1
15	16QAM	1	37	22.83	22.81	22.71		
15	16QAM	1	74	22.59	22.51	22.41		
15	16QAM	36	0	21.51	21.52	21.40	23	2
15	16QAM	36	20	21.54	21.43	21.35		
15	16QAM	36	39	21.51	21.40	21.21		
15	16QAM	75	0	21.52	21.48	21.33		
15	64QAM	1	0	21.62	21.49	21.43	23	2
15	64QAM	1	37	21.82	21.73	21.64		
15	64QAM	1	74	21.48	21.45	21.33		
15	64QAM	36	0	20.49	20.48	20.43	22	3
15	64QAM	36	20	20.54	20.44	20.35		
15	64QAM	36	39	20.49	20.42	20.21		
15	64QAM	75	0	20.46	20.44	20.33		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.51	23.37	23.30	25	0
10	QPSK	1	25	23.57	23.45	23.29		
10	QPSK	1	49	23.41	23.32	23.20		
10	QPSK	25	0	22.57	22.54	22.39	24	1
10	QPSK	25	12	22.56	22.45	22.34		
10	QPSK	25	25	22.58	22.42	22.19		
10	QPSK	50	0	22.58	22.50	22.31		
10	16QAM	1	0	22.69	22.57	22.59	24	1
10	16QAM	1	25	22.78	22.68	22.56		
10	16QAM	1	49	22.66	22.61	22.47		
10	16QAM	25	0	21.55	21.51	21.37	23	2
10	16QAM	25	12	21.58	21.43	21.33		
10	16QAM	25	25	21.58	21.41	21.15		
10	16QAM	50	0	21.58	21.46	21.28		
10	64QAM	1	0	21.63	21.55	21.48	23	2
10	64QAM	1	25	21.77	21.61	21.52		
10	64QAM	1	49	21.66	21.47	21.39		
10	64QAM	25	0	20.53	20.52	20.38	22	3
10	64QAM	25	12	20.53	20.43	20.32		
10	64QAM	25	25	20.53	20.41	20.19		
10	64QAM	50	0	20.54	20.48	20.31		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.40	23.28	23.10	25	0
5	QPSK	1	12	22.61	23.50	23.43		
5	QPSK	1	24	23.39	23.25	23.13		
5	QPSK	12	0	22.52	22.43	22.32	24	1
5	QPSK	12	7	22.55	22.44	22.31		
5	QPSK	12	13	22.54	22.37	22.18		
5	QPSK	25	0	22.52	22.38	22.27		
5	16QAM	1	0	22.62	22.52	22.38	24	1
5	16QAM	1	12	22.91	22.78	22.60		
5	16QAM	1	24	22.61	22.47	22.37		
5	16QAM	12	0	21.53	21.39	21.29	23	2
5	16QAM	12	7	21.57	21.40	21.28		
5	16QAM	12	13	21.53	21.34	21.16		
5	16QAM	25	0	21.54	21.37	21.26		
5	64QAM	1	0	21.57	21.43	21.29	23	2
5	64QAM	1	12	21.87	21.66	21.52		
5	64QAM	1	24	21.59	21.45	21.30		
5	64QAM	12	0	20.52	20.43	20.33	22	3
5	64QAM	12	7	20.56	20.43	20.34		
5	64QAM	12	13	20.52	20.38	20.17		
5	64QAM	25	0	20.48	20.38	20.27		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.53	23.42	23.21	25	0
3	QPSK	1	8	23.48	23.36	23.22		
3	QPSK	1	14	23.49	23.36	23.25		
3	QPSK	8	0	22.54	22.40	22.28	24	1
3	QPSK	8	4	22.58	22.45	22.32		
3	QPSK	8	7	22.52	22.40	22.27		
3	QPSK	15	0	22.58	22.43	22.28		
3	16QAM	1	0	22.72	22.63	22.45	24	1
3	16QAM	1	8	22.72	22.59	22.47		
3	16QAM	1	14	22.75	22.61	22.47		
3	16QAM	8	0	21.63	21.47	21.33	23	2
3	16QAM	8	4	21.63	21.49	21.35		
3	16QAM	8	7	21.60	21.44	21.30		
3	16QAM	15	0	21.58	21.40	21.29		
3	64QAM	1	0	21.69	21.52	21.36	23	2
3	64QAM	1	8	21.65	21.53	21.41		
3	64QAM	1	14	21.72	21.52	21.40		
3	64QAM	8	0	20.55	20.44	20.31	22	3
3	64QAM	8	4	20.58	20.44	20.29		
3	64QAM	8	7	20.55	20.41	20.29		
3	64QAM	15	0	20.50	20.39	20.24		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.44	23.30	23.15	25	0
1.4	QPSK	1	3	23.55	23.40	23.28		
1.4	QPSK	1	5	23.44	23.28	23.17		
1.4	QPSK	3	0	23.54	23.42	23.27		
1.4	QPSK	3	1	23.58	23.47	23.35		
1.4	QPSK	3	3	23.56	23.41	23.29		
1.4	QPSK	6	0	22.57	22.42	22.30	24	1
1.4	16QAM	1	0	22.61	22.55	22.39	24	1
1.4	16QAM	1	3	22.78	22.67	22.47		
1.4	16QAM	1	5	22.64	22.57	22.35		
1.4	16QAM	3	0	22.50	22.37	22.24		
1.4	16QAM	3	1	22.54	22.41	22.29		
1.4	16QAM	3	3	22.52	22.38	22.22		
1.4	16QAM	6	0	21.65	21.46	21.37	23	2
1.4	64QAM	1	0	21.62	21.48	21.32	23	2
1.4	64QAM	1	3	21.79	21.54	21.41		
1.4	64QAM	1	5	21.62	21.48	21.33		
1.4	64QAM	3	0	21.66	21.50	21.36		
1.4	64QAM	3	1	21.71	21.54	21.42		
1.4	64QAM	3	3	21.64	21.47	21.39		
1.4	64QAM	6	0	20.52	20.38	20.26	22	3

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	19.47	19.34	19.58	21	0
20	QPSK	1	49	19.50	19.89	19.72		
20	QPSK	1	99	19.28	19.34	19.32		
20	QPSK	50	0	19.65	19.87	19.81	21	0
20	QPSK	50	24	19.70	19.61	19.83		
20	QPSK	50	50	19.59	19.69	19.49		
20	QPSK	100	0	19.69	19.76	19.72		
20	16QAM	1	0	19.63	19.74	19.62	21	0
20	16QAM	1	49	19.67	19.72	19.52		
20	16QAM	1	99	19.32	19.69	19.50		
20	16QAM	50	0	19.56	19.58	19.77	21	0
20	16QAM	50	24	19.45	19.55	19.61		
20	16QAM	50	50	19.36	19.49	19.41		
20	16QAM	100	0	19.45	19.39	19.63		
20	64QAM	1	0	19.30	19.61	19.67	21	0
20	64QAM	1	49	19.73	19.45	19.65		
20	64QAM	1	99	19.49	19.24	19.52		
20	64QAM	50	0	19.42	19.48	19.60	21	0
20	64QAM	50	24	19.45	19.63	19.63		
20	64QAM	50	50	19.45	19.40	19.42		
20	64QAM	100	0	19.51	19.53	19.60		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.42	19.20	19.51	21	0
15	QPSK	1	37	19.40	19.84	19.64		
15	QPSK	1	74	19.22	19.27	19.22		
15	QPSK	36	0	19.57	19.72	19.69	21	0
15	QPSK	36	20	19.59	19.50	19.76		
15	QPSK	36	39	19.44	19.63	19.39		
15	QPSK	75	0	19.60	19.64	19.66		
15	16QAM	1	0	19.51	19.64	19.57	21	0
15	16QAM	1	37	19.52	19.66	19.39		
15	16QAM	1	74	19.25	19.56	19.40		
15	16QAM	36	0	19.50	19.50	19.65	21	0
15	16QAM	36	20	19.40	19.46	19.46		
15	16QAM	36	39	19.23	19.34	19.30		
15	16QAM	75	0	19.34	19.26	19.56		
15	64QAM	1	0	19.18	19.51	19.54	21	0
15	64QAM	1	37	19.68	19.35	19.50		
15	64QAM	1	74	19.44	19.13	19.47		
15	64QAM	36	0	19.36	19.43	19.45	21	0
15	64QAM	36	20	19.33	19.49	19.57		
15	64QAM	36	39	19.40	19.26	19.27		
15	64QAM	75	0	19.44	19.41	19.51		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.34	19.23	19.44	21	0
10	QPSK	1	25	19.41	19.78	19.67		
10	QPSK	1	49	19.22	19.21	19.25		
10	QPSK	25	0	19.54	19.75	19.71	21	0
10	QPSK	25	12	19.56	19.52	19.73		
10	QPSK	25	25	19.53	19.54	19.34		
10	QPSK	50	0	19.55	19.67	19.67		
10	16QAM	1	0	19.50	19.60	19.57	21	0
10	16QAM	1	25	19.60	19.59	19.45		
10	16QAM	1	49	19.19	19.57	19.36		
10	16QAM	25	0	19.45	19.53	19.64	21	0
10	16QAM	25	12	19.33	19.42	19.52		
10	16QAM	25	25	19.21	19.39	19.29		
10	16QAM	50	0	19.30	19.34	19.51		
10	64QAM	1	0	19.21	19.46	19.57	21	0
10	64QAM	1	25	19.63	19.38	19.54		
10	64QAM	1	49	19.35	19.13	19.42		
10	64QAM	25	0	19.36	19.41	19.47	21	0
10	64QAM	25	12	19.36	19.53	19.50		
10	64QAM	25	25	19.35	19.26	19.28		
10	64QAM	50	0	19.39	19.39	19.50		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.37	19.19	19.48	21	0
5	QPSK	1	12	19.39	19.75	19.57		
5	QPSK	1	24	19.23	19.20	19.23		
5	QPSK	12	0	19.58	19.76	19.74	21	0
5	QPSK	12	7	19.58	19.50	19.72		
5	QPSK	12	13	19.46	19.56	19.44		
5	QPSK	25	0	19.61	19.71	19.57		
5	16QAM	1	0	19.55	19.66	19.54	21	0
5	16QAM	1	12	19.59	19.65	19.45		
5	16QAM	1	24	19.23	19.56	19.35		
5	16QAM	12	0	19.41	19.44	19.66	21	0
5	16QAM	12	7	19.40	19.48	19.49		
5	16QAM	12	13	19.27	19.42	19.36		
5	16QAM	25	0	19.40	19.25	19.52		
5	64QAM	1	0	19.20	19.46	19.55	21	0
5	64QAM	1	12	19.58	19.36	19.59		
5	64QAM	1	24	19.44	19.10	19.42		
5	64QAM	12	0	19.29	19.34	19.48	21	0
5	64QAM	12	7	19.40	19.51	19.58		
5	64QAM	12	13	19.35	19.26	19.31		
5	64QAM	25	0	19.42	19.48	19.53		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.33	19.29	19.49	21	0
3	QPSK	1	8	19.35	19.80	19.61		
3	QPSK	1	14	19.14	19.21	19.23		
3	QPSK	8	0	19.54	19.75	19.76	21	0
3	QPSK	8	4	19.58	19.56	19.76		
3	QPSK	8	7	19.51	19.58	19.40		
3	QPSK	15	0	19.55	19.66	19.64		
3	16QAM	1	0	19.55	19.60	19.51	21	0
3	16QAM	1	8	19.53	19.60	19.41		
3	16QAM	1	14	19.22	19.55	19.37		
3	16QAM	8	0	19.44	19.44	19.71	21	0
3	16QAM	8	4	19.37	19.42	19.52		
3	16QAM	8	7	19.21	19.41	19.32		
3	16QAM	15	0	19.32	19.31	19.55		
3	64QAM	1	0	19.25	19.47	19.57	21	0
3	64QAM	1	8	19.63	19.37	19.56		
3	64QAM	1	14	19.42	19.13	19.39		
3	64QAM	8	0	19.35	19.40	19.54	21	0
3	64QAM	8	4	19.37	19.53	19.52		
3	64QAM	8	7	19.30	19.28	19.27		
3	64QAM	15	0	19.43	19.38	19.49		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.33	19.20	19.44	21	0
1.4	QPSK	1	3	19.43	19.76	19.62		
1.4	QPSK	1	5	19.20	19.23	19.23		
1.4	QPSK	3	0	19.54	19.77	19.76		
1.4	QPSK	3	1	19.63	19.54	19.77		
1.4	QPSK	3	3	19.53	19.54	19.41		
1.4	QPSK	6	0	19.58	19.69	19.59	21	0
1.4	16QAM	1	0	19.49	19.69	19.53	21	0
1.4	16QAM	1	3	19.55	19.66	19.43		
1.4	16QAM	1	5	19.20	19.63	19.44		
1.4	16QAM	3	0	19.44	19.49	19.72		
1.4	16QAM	3	1	19.40	19.44	19.50		
1.4	16QAM	3	3	19.23	19.38	19.34		
1.4	16QAM	6	0	19.37	19.34	19.51	21	0
1.4	64QAM	1	0	19.24	19.49	19.55	21	0
1.4	64QAM	1	3	19.60	19.34	19.56		
1.4	64QAM	1	5	19.42	19.11	19.42		
1.4	64QAM	3	0	19.27	19.37	19.49		
1.4	64QAM	3	1	19.37	19.55	19.51		
1.4	64QAM	3	3	19.31	19.31	19.27		
1.4	64QAM	6	0	19.39	19.42	19.50	21	0

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	19.02	19.07	19.23	20.5	0
20	QPSK	1	49	19.33	19.60	19.35		
20	QPSK	1	99	18.83	19.18	19.00		
20	QPSK	50	0	19.26	19.44	19.41	20.5	0
20	QPSK	50	24	19.39	19.40	19.43		
20	QPSK	50	50	19.27	19.39	19.17		
20	QPSK	100	0	19.28	19.33	19.32		
20	16QAM	1	0	19.26	19.28	19.28	20.5	0
20	16QAM	1	49	19.28	19.22	19.23		
20	16QAM	1	99	19.13	19.23	19.20		
20	16QAM	50	0	19.32	19.36	19.15	20.5	0
20	16QAM	50	24	19.12	19.36	19.22		
20	16QAM	50	50	19.30	19.28	19.19		
20	16QAM	100	0	19.33	19.31	19.42		
20	64QAM	1	0	19.26	19.27	18.94	20.5	0
20	64QAM	1	49	19.31	19.18	19.29		
20	64QAM	1	99	19.00	19.23	18.80		
20	64QAM	50	0	19.07	19.27	19.29	20.5	0
20	64QAM	50	24	19.09	19.34	19.23		
20	64QAM	50	50	19.22	19.27	19.20		
20	64QAM	100	0	19.21	19.29	19.29		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.89	18.98	19.14	20.5	0
15	QPSK	1	37	19.04	19.38	18.95		
15	QPSK	1	74	18.72	19.08	18.86		
15	QPSK	36	0	19.17	19.35	19.26	20.5	0
15	QPSK	36	20	19.34	19.27	19.31		
15	QPSK	36	39	19.14	19.30	19.03		
15	QPSK	75	0	19.14	19.23	19.19		
15	16QAM	1	0	19.20	19.16	19.21	20.5	0
15	16QAM	1	37	19.17	19.14	19.08		
15	16QAM	1	74	19.06	19.17	19.10		
15	16QAM	36	0	19.23	19.22	19.07	20.5	0
15	16QAM	36	20	19.06	19.21	19.12		
15	16QAM	36	39	19.24	19.14	19.06		
15	16QAM	75	0	19.27	19.20	19.29		
15	64QAM	1	0	19.20	19.22	18.89	20.5	0
15	64QAM	1	37	19.20	19.05	19.21		
15	64QAM	1	74	18.88	19.14	18.70		
15	64QAM	36	0	18.97	19.25	19.19	20.5	0
15	64QAM	36	20	18.90	19.23	19.04		
15	64QAM	36	39	19.10	19.19	19.08		
15	64QAM	75	0	19.09	19.18	19.17		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.94	18.96	19.14	20.5	0
10	QPSK	1	25	19.11	19.31	19.03		
10	QPSK	1	49	18.76	19.09	18.89		
10	QPSK	25	0	19.17	19.37	19.26	20.5	0
10	QPSK	25	12	19.29	19.34	19.30		
10	QPSK	25	25	19.18	19.30	19.05		
10	QPSK	50	0	19.22	19.28	19.18		
10	16QAM	1	0	19.15	19.14	19.13	20.5	0
10	16QAM	1	25	19.15	19.09	19.12		
10	16QAM	1	49	19.05	19.12	19.15		
10	16QAM	25	0	19.20	19.25	19.01	20.5	0
10	16QAM	25	12	19.00	19.27	19.11		
10	16QAM	25	25	19.18	19.20	19.14		
10	16QAM	50	0	19.21	19.23	19.30		
10	64QAM	1	0	19.12	19.13	18.88	20.5	0
10	64QAM	1	25	19.17	19.13	19.21		
10	64QAM	1	49	18.94	19.10	18.68		
10	64QAM	25	0	18.98	19.21	19.20	20.5	0
10	64QAM	25	12	18.90	19.24	19.04		
10	64QAM	25	25	19.06	19.12	19.04		
10	64QAM	50	0	19.06	19.14	19.14		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.96	18.94	19.11	20.5	0
5	QPSK	1	12	19.11	19.33	18.99		
5	QPSK	1	24	18.77	19.13	18.87		
5	QPSK	12	0	19.14	19.38	19.32	20.5	0
5	QPSK	12	7	19.31	19.29	19.37		
5	QPSK	12	13	19.15	19.31	19.02		
5	QPSK	25	0	19.20	19.25	19.21		
5	16QAM	1	0	19.12	19.20	19.16	20.5	0
5	16QAM	1	12	19.13	19.10	19.18		
5	16QAM	1	24	19.01	19.13	19.11		
5	16QAM	12	0	19.24	19.27	19.06	20.5	0
5	16QAM	12	7	18.98	19.31	19.14		
5	16QAM	12	13	19.17	19.17	19.04		
5	16QAM	25	0	19.20	19.24	19.36		
5	64QAM	1	0	19.18	19.15	18.86	20.5	0
5	64QAM	1	12	19.17	19.06	19.21		
5	64QAM	1	24	18.92	19.14	18.65		
5	64QAM	12	0	18.96	19.19	19.18	20.5	0
5	64QAM	12	7	19.08	19.34	19.22		
5	64QAM	12	13	19.14	19.11	19.12		
5	64QAM	25	0	19.17	19.29	19.25		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.90	18.97	19.09	20.5	0
3	QPSK	1	8	19.05	19.34	19.04		
3	QPSK	1	14	18.73	19.06	18.92		
3	QPSK	8	0	19.14	19.35	19.33	20.5	0
3	QPSK	8	4	19.24	19.28	19.36		
3	QPSK	8	7	19.14	19.29	19.02		
3	QPSK	15	0	19.13	19.26	19.20		
3	16QAM	1	0	19.15	19.23	19.16	20.5	0
3	16QAM	1	8	19.17	19.08	19.15		
3	16QAM	1	14	19.08	19.08	19.09		
3	16QAM	8	0	19.20	19.25	19.03	20.5	0
3	16QAM	8	4	19.04	19.28	19.17		
3	16QAM	8	7	19.24	19.14	19.14		
3	16QAM	15	0	19.22	19.21	19.27		
3	64QAM	1	0	19.21	19.19	18.81	20.5	0
3	64QAM	1	8	19.21	19.05	19.19		
3	64QAM	1	14	18.87	19.18	18.72		
3	64QAM	8	0	18.88	19.08	19.10	20.5	0
3	64QAM	8	4	19.04	19.29	19.18		
3	64QAM	8	7	19.03	19.25	19.01		
3	64QAM	15	0	19.06	19.21	19.14		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.90	18.99	19.16	20.5	0
1.4	QPSK	1	3	18.10	18.31	18.96		
1.4	QPSK	1	5	17.69	18.05	18.86		
1.4	QPSK	3	0	18.17	18.29	19.30		
1.4	QPSK	3	1	19.28	19.30	19.30		
1.4	QPSK	3	3	19.14	19.26	19.02		
1.4	QPSK	6	0	19.22	19.23	19.22	20.5	0
1.4	16QAM	1	0	19.19	19.19	19.16	20.5	0
1.4	16QAM	1	3	19.20	19.16	19.09		
1.4	16QAM	1	5	19.00	19.10	19.07		
1.4	16QAM	3	0	19.25	19.29	19.01		
1.4	16QAM	3	1	18.99	19.28	19.12		
1.4	16QAM	3	3	19.25	19.22	19.12		
1.4	16QAM	6	0	19.21	19.23	19.36	20.5	0
1.4	64QAM	1	0	19.21	19.16	18.86	20.5	0
1.4	64QAM	1	3	19.16	19.07	19.14		
1.4	64QAM	1	5	18.93	19.12	18.65		
1.4	64QAM	3	0	18.89	19.11	19.11		
1.4	64QAM	3	1	19.05	19.31	19.19		
1.4	64QAM	3	3	19.12	19.22	19.10		
1.4	64QAM	6	0	19.16	19.13	19.24	20.5	0

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	20.26	20.35	20.36	21.5	0
20	QPSK	1	49	20.65	20.88	20.74		
20	QPSK	1	99	20.36	20.54	20.48		
20	QPSK	50	0	20.57	20.75	20.65	21.5	0
20	QPSK	50	24	20.50	20.68	20.51		
20	QPSK	50	50	20.52	20.50	20.63		
20	QPSK	100	0	20.51	20.65	20.62		
20	16QAM	1	0	20.29	20.39	20.48	21.5	0
20	16QAM	1	49	20.72	20.85	20.84		
20	16QAM	1	99	20.44	20.58	20.59		
20	16QAM	50	0	20.56	20.52	20.80	21.5	0
20	16QAM	50	24	20.42	20.72	20.76		
20	16QAM	50	50	20.53	20.56	20.78		
20	16QAM	100	0	20.59	20.77	20.80		
20	64QAM	1	0	20.01	20.03	20.18	21.5	0
20	64QAM	1	49	20.49	20.68	20.76		
20	64QAM	1	99	20.24	20.27	20.43		
20	64QAM	50	0	20.45	20.56	20.76	21.5	0
20	64QAM	50	24	20.40	20.54	20.60		
20	64QAM	50	50	20.41	20.63	20.77		
20	64QAM	100	0	20.47	20.66	20.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.12	20.25	20.27	21.5	0
15	QPSK	1	37	20.57	20.82	20.67		
15	QPSK	1	74	20.23	20.49	20.43		
15	QPSK	36	0	20.43	20.68	20.56	21.5	0
15	QPSK	36	20	20.36	20.61	20.43		
15	QPSK	36	39	20.47	20.35	20.57		
15	QPSK	75	0	20.43	20.55	20.49		
15	16QAM	1	0	20.19	20.29	20.35	21.5	0
15	16QAM	1	37	20.61	20.75	20.78		
15	16QAM	1	74	20.35	20.49	20.44		
15	16QAM	36	0	20.45	20.43	20.69	21.5	0
15	16QAM	36	20	20.30	20.60	20.62		
15	16QAM	36	39	20.40	20.48	20.67		
15	16QAM	75	0	20.50	20.70	20.75		
15	64QAM	1	0	19.86	19.94	20.09	21.5	0
15	64QAM	1	37	20.34	20.58	20.67		
15	64QAM	1	74	20.14	20.19	20.28		
15	64QAM	36	0	20.34	20.43	20.67	21.5	0
15	64QAM	36	20	20.34	20.47	20.49		
15	64QAM	36	39	20.27	20.56	20.70		
15	64QAM	75	0	20.37	20.51	20.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.15	20.21	20.21	21.5	0
10	QPSK	1	25	20.54	20.74	20.65		
10	QPSK	1	49	20.21	20.49	20.33		
10	QPSK	25	0	20.48	20.63	20.57	21.5	0
10	QPSK	25	12	20.38	20.59	20.46		
10	QPSK	25	25	20.37	20.44	20.58		
10	QPSK	50	0	20.37	20.58	20.55		
10	16QAM	1	0	20.21	20.33	20.36	21.5	0
10	16QAM	1	25	20.65	20.70	20.78		
10	16QAM	1	49	20.31	20.50	20.54		
10	16QAM	25	0	20.47	20.46	20.70	21.5	0
10	16QAM	25	12	20.33	20.62	20.71		
10	16QAM	25	25	20.42	20.51	20.73		
10	16QAM	50	0	20.47	20.69	20.74		
10	64QAM	1	0	19.93	19.94	20.06	21.5	0
10	64QAM	1	25	20.34	20.63	20.70		
10	64QAM	1	49	20.15	20.19	20.36		
10	64QAM	25	0	20.36	20.43	20.68	21.5	0
10	64QAM	25	12	20.25	20.39	20.55		
10	64QAM	25	25	20.31	20.58	20.72		
10	64QAM	50	0	20.39	20.54	20.52		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.13	20.20	20.30	21.5	0
5	QPSK	1	12	20.56	20.76	20.67		
5	QPSK	1	24	20.23	20.46	20.41		
5	QPSK	12	0	20.45	20.60	20.51	21.5	0
5	QPSK	12	7	20.36	20.61	20.41		
5	QPSK	12	13	20.46	20.37	20.56		
5	QPSK	25	0	20.40	20.58	20.47		
5	16QAM	1	0	20.18	20.25	20.43	21.5	0
5	16QAM	1	12	20.59	20.76	20.74		
5	16QAM	1	24	20.29	20.47	20.54		
5	16QAM	12	0	20.49	20.45	20.72	21.5	0
5	16QAM	12	7	20.33	20.63	20.68		
5	16QAM	12	13	20.46	20.46	20.72		
5	16QAM	25	0	20.44	20.62	20.70		
5	64QAM	1	0	19.87	19.91	20.09	21.5	0
5	64QAM	1	12	20.43	20.63	20.67		
5	64QAM	1	24	20.16	20.15	20.33		
5	64QAM	12	0	20.36	20.43	20.68	21.5	0
5	64QAM	12	7	20.25	20.44	20.51		
5	64QAM	12	13	20.33	20.52	20.65		
5	64QAM	25	0	20.39	20.60	20.56		

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	18.08	18.19	18.05	19.5	0
20	QPSK	1	49	18.50	18.65	18.55		
20	QPSK	1	99	18.27	18.13	18.29		
20	QPSK	50	0	18.17	18.50	18.40	19.5	0
20	QPSK	50	24	18.29	18.25	18.35		
20	QPSK	50	50	18.19	18.32	18.44		
20	QPSK	100	0	18.23	18.29	18.25		
20	16QAM	1	0	17.99	18.02	18.17	19.5	0
20	16QAM	1	49	18.40	18.42	18.47		
20	16QAM	1	99	18.20	18.22	18.41		
20	16QAM	50	0	18.19	18.34	18.44	19.5	0
20	16QAM	50	24	18.06	18.25	18.40		
20	16QAM	50	50	18.15	18.38	18.39		
20	16QAM	100	0	18.31	18.29	18.62		
20	64QAM	1	0	17.70	17.80	17.88	19.5	0
20	64QAM	1	49	18.21	18.22	18.38		
20	64QAM	1	99	17.76	18.11	18.08		
20	64QAM	50	0	17.63	17.82	17.89	19.5	0
20	64QAM	50	24	17.72	17.79	18.02		
20	64QAM	50	50	17.72	17.87	17.93		
20	64QAM	100	0	17.62	17.84	17.91		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.01	18.12	17.90	19.5	0
15	QPSK	1	37	18.45	18.59	18.42		
15	QPSK	1	74	18.12	18.08	18.14		
15	QPSK	36	0	18.06	18.35	18.31	19.5	0
15	QPSK	36	20	18.14	18.11	18.23		
15	QPSK	36	39	18.07	18.19	18.30		
15	QPSK	75	0	18.12	18.19	18.18		
15	16QAM	1	0	17.94	17.96	18.06	19.5	0
15	16QAM	1	37	18.33	18.28	18.41		
15	16QAM	1	74	18.08	18.12	18.27		
15	16QAM	36	0	18.06	18.25	18.30	19.5	0
15	16QAM	36	20	17.99	18.17	18.25		
15	16QAM	36	39	18.01	18.24	18.24		
15	16QAM	75	0	18.16	18.22	18.57		
15	64QAM	1	0	17.58	17.69	17.83	19.5	0
15	64QAM	1	37	18.15	18.16	18.28		
15	64QAM	1	74	17.61	18.01	17.99		
15	64QAM	36	0	17.57	17.76	17.75	19.5	0
15	64QAM	36	20	17.64	17.68	17.95		
15	64QAM	36	39	17.59	17.81	17.81		
15	64QAM	75	0	17.53	17.69	17.79		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.94	18.11	17.97	19.5	0
10	QPSK	1	25	18.39	18.54	18.48		
10	QPSK	1	49	18.18	18.03	18.17		
10	QPSK	25	0	18.02	18.35	18.28	19.5	0
10	QPSK	25	12	18.17	18.16	18.30		
10	QPSK	25	25	18.04	18.27	18.37		
10	QPSK	50	0	18.12	18.18	18.19		
10	16QAM	1	0	17.94	17.94	18.08	19.5	0
10	16QAM	1	25	18.25	18.33	18.33		
10	16QAM	1	49	18.11	18.17	18.33		
10	16QAM	25	0	18.12	18.19	18.38	19.5	0
10	16QAM	25	12	17.95	18.18	18.27		
10	16QAM	25	25	18.08	18.25	18.33		
10	16QAM	50	0	18.23	18.16	18.54		
10	64QAM	1	0	17.60	17.70	17.79	19.5	0
10	64QAM	1	25	18.16	18.12	18.23		
10	64QAM	1	49	17.62	17.98	17.99		
10	64QAM	25	0	17.54	17.72	17.76	19.5	0
10	64QAM	25	12	17.62	17.66	17.87		
10	64QAM	25	25	17.62	17.81	17.84		
10	64QAM	50	0	17.53	17.77	17.77		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.94	18.13	17.94	19.5	0
5	QPSK	1	12	18.38	18.55	18.41		
5	QPSK	1	24	18.17	18.08	18.20		
5	QPSK	12	0	18.07	18.42	18.33	19.5	0
5	QPSK	12	7	18.19	18.17	18.27		
5	QPSK	12	13	18.08	18.22	18.39		
5	QPSK	25	0	18.11	18.23	18.20		
5	16QAM	1	0	17.91	17.94	18.03	19.5	0
5	16QAM	1	12	18.34	18.28	18.33		
5	16QAM	1	24	18.13	18.07	18.32		
5	16QAM	12	0	18.04	18.23	18.35	19.5	0
5	16QAM	12	7	17.99	18.19	18.28		
5	16QAM	12	13	18.02	18.32	18.34		
5	16QAM	25	0	18.18	18.24	18.57		
5	64QAM	1	0	17.56	17.69	17.80	19.5	0
5	64QAM	1	12	18.16	18.11	18.30		
5	64QAM	1	24	17.66	18.05	17.94		
5	64QAM	12	0	17.48	17.68	17.80	19.5	0
5	64QAM	12	7	17.66	17.68	17.89		
5	64QAM	12	13	17.60	17.81	17.88		
5	64QAM	25	0	17.57	17.75	17.77		

Band 41_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	20.06	20.16	20.25	20.48	21.5	0
20	QPSK	1	49	20.44	20.51	20.63	20.89		
20	QPSK	1	99	20.12	20.23	20.39	20.48		
20	QPSK	50	0	20.22	20.29	20.57	20.81	21.5	0
20	QPSK	50	24	20.22	20.28	20.48	20.57		
20	QPSK	50	50	20.29	20.44	20.42	20.60		
20	QPSK	100	0	20.22	20.38	20.62	20.79		
20	16QAM	1	0	19.95	19.97	20.29	20.60	21.5	0
20	16QAM	1	49	20.51	20.45	20.74	20.56		
20	16QAM	1	99	20.08	20.22	20.40	20.70		
20	16QAM	50	0	20.21	20.23	20.61	20.69	21.5	0
20	16QAM	50	24	20.18	20.40	20.53	20.78		
20	16QAM	50	50	20.19	20.35	20.53	20.60		
20	16QAM	100	0	20.24	20.34	20.63	20.55		
20	64QAM	1	0	20.45	20.56	20.76	20.29	21.5	0
20	64QAM	1	49	20.17	20.19	20.36	20.55		
20	64QAM	1	99	20.22	20.02	20.10	20.39		
20	64QAM	50	0	20.21	20.26	20.38	20.65	21.5	0
20	64QAM	50	24	20.11	20.31	20.37	20.70		
20	64QAM	50	50	20.18	20.23	20.45	20.75		
20	64QAM	100	0	20.03	20.32	20.40	20.78		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	20.00	20.03	20.12	20.38	21.5	0
15	QPSK	1	37	20.36	20.40	20.49	20.67		
15	QPSK	1	74	19.97	20.17	20.26	20.35		
15	QPSK	36	0	20.14	20.17	20.42	20.60	21.5	0
15	QPSK	36	20	20.13	20.17	20.40	20.45		
15	QPSK	36	39	20.23	20.33	20.36	20.48		
15	QPSK	75	0	20.10	20.29	20.52	20.72		
15	16QAM	1	0	19.81	19.91	20.16	20.53	21.5	0
15	16QAM	1	37	20.41	20.33	20.66	20.49		
15	16QAM	1	74	20.02	20.07	20.26	20.60		
15	16QAM	36	0	20.09	20.15	20.55	20.64	21.5	0
15	16QAM	36	20	20.08	20.31	20.40	20.63		
15	16QAM	36	39	20.04	20.26	20.39	20.47		
15	16QAM	75	0	20.11	20.23	20.54	20.42		
15	64QAM	1	0	19.89	19.84	19.78	20.23	21.5	0
15	64QAM	1	37	20.05	20.11	20.21	20.46		
15	64QAM	1	74	20.17	19.90	20.00	20.28		
15	64QAM	36	0	20.10	20.15	20.24	20.54	21.5	0
15	64QAM	36	20	20.04	20.20	20.30	20.62		
15	64QAM	36	39	20.11	20.15	20.33	20.68		
15	64QAM	75	0	19.96	20.18	20.31	20.72		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	19.92	20.05	20.12	20.42	21.5	0
10	QPSK	1	25	20.33	20.39	20.50	20.76		
10	QPSK	1	49	19.99	20.16	20.29	20.42		
10	QPSK	25	0	20.12	20.17	20.46	20.54	21.5	0
10	QPSK	25	12	20.07	20.22	20.36	20.47		
10	QPSK	25	25	20.19	20.34	20.30	20.55		
10	QPSK	50	0	20.16	20.32	20.47	20.73		
10	16QAM	1	0	19.81	19.86	20.14	20.45	21.5	0
10	16QAM	1	25	20.45	20.31	20.65	20.41		
10	16QAM	1	49	19.97	20.09	20.33	20.57		
10	16QAM	25	0	20.10	20.08	20.53	20.58	21.5	0
10	16QAM	25	12	20.06	20.32	20.47	20.63		
10	16QAM	25	25	20.09	20.28	20.40	20.55		
10	16QAM	50	0	20.09	20.27	20.54	20.44		
10	64QAM	1	0	19.94	19.83	19.73	20.18	21.5	0
10	64QAM	1	25	20.02	20.11	20.29	20.42		
10	64QAM	1	49	20.13	19.90	20.05	20.24		
10	64QAM	25	0	20.14	20.11	20.26	20.51	21.5	0
10	64QAM	25	12	20.01	20.25	20.24	20.58		
10	64QAM	25	25	20.07	20.12	20.39	20.65		
10	64QAM	50	0	19.93	20.24	20.33	20.65		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	19.91	20.05	20.10	20.41	21.5	0
5	QPSK	1	12	20.34	20.43	20.49	20.69		
5	QPSK	1	24	19.97	20.11	20.24	20.39		
5	QPSK	12	0	20.11	20.15	20.45	20.59	21.5	0
5	QPSK	12	7	20.17	20.14	20.36	20.51		
5	QPSK	12	13	20.21	20.33	20.34	20.51		
5	QPSK	25	0	20.16	20.24	20.53	20.71		
5	16QAM	1	0	19.85	19.85	20.23	20.48	21.5	0
5	16QAM	1	12	20.37	20.32	20.68	20.44		
5	16QAM	1	24	19.95	20.07	20.27	20.57		
5	16QAM	12	0	20.16	20.10	20.56	20.61	21.5	0
5	16QAM	12	7	20.06	20.29	20.42	20.71		
5	16QAM	12	13	20.07	20.30	20.42	20.52		
5	16QAM	25	0	20.09	20.22	20.51	20.46		
5	64QAM	1	0	19.86	19.84	19.77	20.17	21.5	0
5	64QAM	1	12	20.07	20.09	20.25	20.49		
5	64QAM	1	24	20.12	19.93	20.00	20.26		
5	64QAM	12	0	20.09	20.18	20.32	20.58	21.5	0
5	64QAM	12	7	19.97	20.25	20.24	20.61		
5	64QAM	12	13	20.09	20.09	20.30	20.69		
5	64QAM	25	0	19.89	20.20	20.31	20.66		

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	17.52	17.54	17.50	17.62	19	0
20	QPSK	1	49	17.53	17.62	17.86	18.16		
20	QPSK	1	99	17.63	17.59	17.58	17.71		
20	QPSK	50	0	17.80	17.70	17.74	18.03	19	0
20	QPSK	50	24	17.50	17.52	17.65	17.90		
20	QPSK	50	50	17.24	17.64	17.70	18.00		
20	QPSK	100	0	17.49	17.54	17.73	17.93		
20	16QAM	1	0	17.50	17.45	17.58	17.87	19	0
20	16QAM	1	49	17.66	17.56	18.03	18.08		
20	16QAM	1	99	17.46	17.56	17.69	17.87		
20	16QAM	50	0	17.34	17.48	17.69	18.09	19	0
20	16QAM	50	24	17.34	17.36	17.58	18.05		
20	16QAM	50	50	17.39	17.59	17.65	18.09		
20	16QAM	100	0	17.36	17.44	17.72	17.95		
20	64QAM	1	0	17.29	17.26	17.22	17.41	19	0
20	64QAM	1	49	17.39	17.45	17.80	17.99		
20	64QAM	1	99	17.30	17.27	17.50	17.63		
20	64QAM	50	0	17.46	17.28	17.59	17.97	19	0
20	64QAM	50	24	17.30	17.43	17.62	17.93		
20	64QAM	50	50	17.49	17.50	17.75	18.01		
20	64QAM	100	0	17.55	17.50	17.81	18.00		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	17.41	17.40	17.39	17.47	19	0
15	QPSK	1	37	17.43	17.54	17.81	18.05		
15	QPSK	1	74	17.49	17.47	17.43	17.57		
15	QPSK	36	0	17.25	17.22	17.68	17.88	19	0
15	QPSK	36	20	17.26	17.36	17.57	17.79		
15	QPSK	36	39	17.09	17.57	17.64	17.85		
15	QPSK	75	0	17.26	17.39	17.66	17.85		
15	16QAM	1	0	17.44	17.40	17.50	17.78	19	0
15	16QAM	1	37	17.53	17.50	17.92	17.98		
15	16QAM	1	74	17.39	17.48	17.55	17.82		
15	16QAM	36	0	17.27	17.43	17.81	17.99	19	0
15	16QAM	36	20	17.28	17.28	17.48	17.96		
15	16QAM	36	39	17.29	17.51	17.59	17.94		
15	16QAM	75	0	17.31	17.29	17.65	17.82		
15	64QAM	1	0	17.23	17.14	17.09	17.26	19	0
15	64QAM	1	37	17.24	17.31	17.70	17.89		
15	64QAM	1	74	17.15	17.17	17.41	17.58		
15	64QAM	36	0	17.29	17.13	17.54	17.88	19	0
15	64QAM	36	20	17.07	17.36	17.50	17.88		
15	64QAM	36	39	17.20	17.38	17.62	17.87		
15	64QAM	75	0	17.27	17.21	17.70	17.91		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	17.41	17.40	17.45	17.55	19	0
10	QPSK	1	25	17.38	17.48	17.79	18.08		
10	QPSK	1	49	17.48	17.48	17.49	17.65		
10	QPSK	25	0	17.25	17.22	17.64	17.89	19	0
10	QPSK	25	12	17.21	17.39	17.57	17.79		
10	QPSK	25	25	17.14	17.51	17.63	17.92		
10	QPSK	50	0	17.23	17.49	17.68	17.81		
10	16QAM	1	0	17.44	17.31	17.45	17.78	19	0
10	16QAM	1	25	17.52	17.46	17.90	17.96		
10	16QAM	1	49	17.32	17.41	17.58	17.82		
10	16QAM	25	0	17.24	17.37	17.54	17.97	19	0
10	16QAM	25	12	17.24	17.29	17.49	17.98		
10	16QAM	25	25	17.33	17.51	17.52	18.01		
10	16QAM	50	0	17.27	17.34	17.65	17.86		
10	64QAM	1	0	17.15	17.17	17.09	17.33	19	0
10	64QAM	1	25	17.27	17.36	17.74	17.85		
10	64QAM	1	49	17.18	17.15	17.38	17.58		
10	64QAM	25	0	17.28	17.21	17.52	17.82	19	0
10	64QAM	25	12	17.10	17.37	17.56	17.85		
10	64QAM	25	25	17.24	17.32	17.63	17.95		
10	64QAM	50	0	17.25	17.30	17.67	17.95		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	17.38	17.44	17.40	17.54	19	0
5	QPSK	1	12	17.39	17.48	17.81	18.10		
5	QPSK	1	24	17.57	17.49	17.51	17.58		
5	QPSK	12	0	17.30	17.26	17.59	17.95	19	0
5	QPSK	12	7	17.18	17.32	17.50	17.81		
5	QPSK	12	13	17.16	17.53	17.56	17.87		
5	QPSK	25	0	17.18	17.47	17.66	17.83		
5	16QAM	1	0	17.41	17.38	17.43	17.80	19	0
5	16QAM	1	12	17.52	17.44	17.90	18.00		
5	16QAM	1	24	17.41	17.49	17.57	17.82		
5	16QAM	12	0	17.23	17.37	17.59	18.00	19	0
5	16QAM	12	7	17.27	17.28	17.48	17.97		
5	16QAM	12	13	17.28	17.48	17.51	17.94		
5	16QAM	25	0	17.30	17.35	17.63	17.82		
5	64QAM	1	0	17.24	17.17	17.10	17.26	19	0
5	64QAM	1	12	17.25	17.39	17.74	17.91		
5	64QAM	1	24	17.20	17.22	17.39	17.51		
5	64QAM	12	0	17.21	17.13	17.53	17.91	19	0
5	64QAM	12	7	17.05	17.37	17.50	17.87		
5	64QAM	12	13	17.21	17.32	17.61	17.91		
5	64QAM	25	0	17.19	17.25	17.70	17.92		

Full Power Mode for WLAN

2.4GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.70	17.00	99.31
		6	2437	15.10	17.00	
		11	2462	15.00	17.00	
	802.11g 6Mbps	1	2412	15.30	17.00	96.78
		6	2437	14.60	17.00	
		11	2462	14.40	17.00	
	802.11n-HT20 MCS0	1	2412	14.30	17.00	96.57
		6	2437	13.50	17.00	
		11	2462	13.30	17.00	

5.2GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	14.59	16.50	96.87
		40	5200	14.54	16.50	
		44	5220	14.77	16.50	
		48	5240	14.55	16.50	
	802.11n-HT20 MCS0	36	5180	13.42	16.00	96.67
		40	5200	13.38	16.00	
		44	5220	13.40	16.00	
		48	5240	13.41	16.00	
	802.11n-HT40 MCS0	38	5190	13.52	16.00	93.73
		46	5230	13.56	16.00	
	802.11ac-VHT20 MCS0	36	5180	13.40	16.00	96.80
		40	5200	13.36	16.00	
		44	5220	13.39	16.00	
		48	5240	13.38	16.00	
	802.11ac-VHT40 MCS0	38	5190	13.49	16.00	93.75
		46	5230	13.53	16.00	
	802.11ac-VHT80 MCS0	42	5210	13.47	16.00	87.84

5.3GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	14.72	16.50	96.87
		56	5280	14.68	16.50	
		60	5300	14.74	16.50	
		64	5320	14.79	16.50	
	802.11n-HT20 MCS0	52	5260	13.51	16.00	96.67
		56	5280	13.54	16.00	
		60	5300	13.49	16.00	
		64	5320	13.38	16.00	
	802.11n-HT40 MCS0	54	5270	13.53	16.00	93.73
		62	5310	13.55	16.00	
	802.11ac-VHT20 MCS0	52	5260	13.48	16.00	96.80
		56	5280	13.51	16.00	
		60	5300	13.47	16.00	
		64	5320	13.36	16.00	
	802.11ac-VHT40 MCS0	54	5270	13.51	16.00	93.75
		62	5310	13.52	16.00	
	802.11ac-VHT80 MCS0	58	5290	13.46	16.00	87.84

5.5GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	13.08	15.00	96.87
		116	5580	13.74	15.00	
		124	5620	13.68	15.00	
		132	5660	13.63	15.00	
		140	5700	13.55	15.00	
		144	5720	13.87	15.00	
	802.11n-HT20 MCS0	100	5500	14.02	16.00	96.67
		116	5580	14.61	16.00	
		124	5620	14.56	16.00	
		132	5660	14.55	16.00	
		140	5700	14.58	16.00	
		144	5720	14.61	16.00	
	802.11n-HT40 MCS0	102	5510	14.05	16.00	93.73
		110	5550	14.02	16.00	
		126	5630	14.22	16.00	
		134	5670	14.35	16.00	
		142	5710	14.33	16.00	
	802.11ac-VHT20 MCS0	100	5500	14.01	16.00	96.80
		116	5580	14.56	16.00	
		124	5620	14.50	16.00	
		132	5660	14.52	16.00	
		140	5700	14.52	16.00	
		144	5720	14.56	16.00	
	802.11ac-VHT40 MCS0	102	5510	14.01	16.00	93.75
		110	5550	14.00	16.00	
		126	5630	14.11	16.00	
		134	5670	14.26	16.00	
		142	5710	14.24	16.00	
	802.11ac-VHT80 MCS0	106	5530	14.10	16.00	87.84
		122	5610	14.73	16.00	
		138	5690	14.64	16.00	

5.8GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	14.19	16.00	96.87
		157	5785	14.12	16.00	
		165	5825	14.08	16.00	
	802.11n-HT20 MCS0	149	5745	13.01	16.00	96.67
		157	5785	12.99	16.00	
		165	5825	13.00	16.00	
	802.11n-HT40 MCS0	151	5755	12.98	16.00	93.73
		159	5795	12.96	16.00	
	802.11ac-VHT20 MCS0	149	5745	12.96	16.00	96.80
		157	5785	12.92	16.00	
		165	5825	12.94	16.00	
	802.11ac-VHT40 MCS0	151	5755	12.95	16.00	93.75
		159	5795	12.89	16.00	
	802.11ac-VHT80 MCS0	155	5775	13.01	16.00	87.84

Reduced Power for Head

2.4GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	14.20	16.00	99.31
		6	2437	14.10	16.00	
		11	2462	14.10	16.00	
	802.11g 6Mbps	1	2412	No Required	15.00	96.78
		6	2437		15.00	
		11	2462		15.00	
	802.11n-HT20 MCS0	1	2412		14.00	96.57
		6	2437		14.00	
		11	2462		14.00	

5.2GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	No Required	12.00	96.87
		40	5200		12.00	
		44	5220		12.00	
		48	5240		12.00	
	802.11n-HT20 MCS0	36	5180		12.00	96.67
		40	5200		12.00	
		44	5220		12.00	
		48	5240		12.00	
	802.11n-HT40 MCS0	38	5190		12.00	93.73
		46	5230		12.00	
	802.11ac-VHT20 MCS0	36	5180		12.00	96.80
		40	5200		12.00	
		44	5220		12.00	
		48	5240		12.00	
	802.11ac-VHT40 MCS0	38	5190		12.00	93.75
		46	5230		12.00	
	802.11ac-VHT80 MCS0	42	5210	10.24	12.00	87.84

5.3GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	No Required	12.00	96.87
		56	5280		12.00	
		60	5300		12.00	
		64	5320		12.00	
	802.11n-HT20 MCS0	52	5260		12.00	96.67
		56	5280		12.00	
		60	5300		12.00	
		64	5320		12.00	
	802.11n-HT40 MCS0	54	5270		12.00	93.73
		62	5310		12.00	
	802.11ac-VHT20 MCS0	52	5260		12.00	96.80
		56	5280		12.00	
		60	5300		12.00	
		64	5320		12.00	
	802.11ac-VHT40 MCS0	54	5270		12.00	93.75
		62	5310		12.00	
	802.11ac-VHT80 MCS0	58	5290	10.46	12.00	87.84

5.5GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	12.04	14.00	96.87
		116	5580	12.40	14.00	
		124	5620	12.46	14.00	
		132	5660	12.38	14.00	
		140	5700	12.42	14.00	
		144	5720	12.46	14.00	
	802.11n-HT20 MCS0	100	5500	No Required	13.00	96.67
		116	5580		13.00	
		124	5620		13.00	
		132	5660		13.00	
		140	5700		13.00	
		144	5720		13.00	
	802.11n-HT40 MCS0	102	5510		13.00	93.73
		110	5550		13.00	
		126	5630		13.00	
		134	5670		13.00	
		142	5710		13.00	
	802.11ac-VHT20 MCS0	100	5500		13.00	96.80
		116	5580		13.00	
		124	5620		13.00	
		132	5660		13.00	
		140	5700		13.00	
		144	5720		13.00	
	802.11ac-VHT40 MCS0	102	5510		13.00	93.75
		110	5550		13.00	
		126	5630		13.00	
		134	5670		13.00	
		142	5710		13.00	
	802.11ac-VHT80 MCS0	106	5530		13.00	87.84
		122	5610		13.00	
		138	5690		13.00	

5.8GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	12.14	14.00	96.87
		157	5785	12.08	14.00	
		165	5825	12.05	14.00	
	802.11n-HT20 MCS0	149	5745	No Required	13.00	96.67
		157	5785		13.00	
		165	5825		13.00	
	802.11n-HT40 MCS0	151	5755		13.00	93.73
		159	5795		13.00	
	802.11ac-VHT20 MCS0	149	5745		13.00	96.80
		157	5785		13.00	
		165	5825		13.00	
	802.11ac-VHT40 MCS0	151	5755		13.00	93.75
		159	5795		13.00	
	802.11ac-VHT80 MCS0	155	5775		13.00	87.84

Reduced Power for Body

2.4GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.70	17.00	99.31
		6	2437	15.10	17.00	
		11	2462	15.00	17.00	
	802.11g 6Mbps	1	2412	15.30	17.00	96.78
		6	2437	14.60	17.00	
		11	2462	14.40	17.00	
	802.11n-HT20 MCS0	1	2412	No Required	16.00	96.57
		6	2437		16.00	
		11	2462		16.00	

5.2GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	No Required	14.00	96.87
		40	5200		14.00	
		44	5220		14.00	
		48	5240		14.00	
	802.11n-HT20 MCS0	36	5180		14.00	96.67
		40	5200		14.00	
		44	5220		14.00	
		48	5240		14.00	
	802.11n-HT40 MCS0	38	5190		14.00	93.73
		46	5230		14.00	
	802.11ac-VHT20 MCS0	36	5180		14.00	96.80
		40	5200		14.00	
		44	5220		14.00	
		48	5240		14.00	
	802.11ac-VHT40 MCS0	38	5190		14.00	93.75
		46	5230		14.00	
	802.11ac-VHT80 MCS0	42	5210	12.43	14.00	87.84

5.3GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	No Required	14.00	96.87
		56	5280		14.00	
		60	5300		14.00	
		64	5320		14.00	
	802.11n-HT20 MCS0	52	5260		14.00	96.67
		56	5280		14.00	
		60	5300		14.00	
		64	5320		14.00	
	802.11n-HT40 MCS0	54	5270		14.00	93.73
		62	5310		14.00	
	802.11ac-VHT20 MCS0	52	5260		14.00	96.80
		56	5280		14.00	
		60	5300		14.00	
		64	5320		14.00	
	802.11ac-VHT40 MCS0	54	5270		14.00	93.75
		62	5310		14.00	
	802.11ac-VHT80 MCS0	58	5290	12.42	14.00	87.84

5.5GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	13.08	15.00	96.87
		116	5580	13.74	15.00	
		124	5620	13.68	15.00	
		132	5660	13.63	15.00	
		140	5700	13.55	15.00	
		144	5720	13.87	15.00	
	802.11n-HT20 MCS0	100	5500	No Required	14.00	96.67
		116	5580		14.00	
		124	5620		14.00	
		132	5660		14.00	
		140	5700		14.00	
		144	5720		14.00	
	802.11n-HT40 MCS0	102	5510		14.00	93.73
		110	5550		14.00	
		126	5630		14.00	
		134	5670		14.00	
		142	5710		14.00	
	802.11ac-VHT20 MCS0	100	5500		14.00	96.80
		116	5580		14.00	
		124	5620		14.00	
		132	5660		14.00	
		140	5700		14.00	
		144	5720		14.00	
	802.11ac-VHT40 MCS0	102	5510		14.00	93.75
		110	5550		14.00	
		126	5630		14.00	
		134	5670		14.00	
		142	5710		14.00	
	802.11ac-VHT80 MCS0	106	5530		14.00	87.84
		122	5610		14.00	
		138	5690		14.00	

5.8GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	13.13	15.00	96.87
		157	5785	13.05	15.00	
		165	5825	13.03	15.00	
	802.11n-HT20 MCS0	149	5745	No Required	14.00	96.67
		157	5785		14.00	
		165	5825		14.00	
	802.11n-HT40 MCS0	151	5755		14.00	93.73
		159	5795		14.00	
	802.11ac-VHT20 MCS0	149	5745		14.00	96.80
		157	5785		14.00	
		165	5825		14.00	
	802.11ac-VHT40 MCS0	151	5755		14.00	93.75
		159	5795		14.00	
	802.11ac-VHT80 MCS0	155	5775		14.00	87.84

Conducted Power for Buetooth

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	9.10	9.10	9.20	6.30	6.30	6.40	6.30	6.20	6.40	**10.50**
	CH 39	2441	9.80	9.80	9.90	7.10	7.00	7.20	7.00	6.90	7.10	**10.50**
	CH 78	2480	9.20	9.20	9.30	6.80	6.80	6.90	6.80	6.80	6.90	**10.50**

BT LE 1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	4.60
	CH 19	2440	6.20
	CH 39	2480	4.80
Tune-up Limit			7

BT LE 1M/2M

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	4.60	4.60
	CH 19	2440	6.20	6.30
	CH 39	2480	4.80	4.90
Tune-up Limit			7	7