

Full Power Mode														
	Band	WCDMA II				Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
		Rx Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233	
		Rx Channel	9662	9800	9938	1537	1638	1738	4357	4407	4458			
		Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6			
3GPP Rel 99	RMC 12.2Kbps		22.64	22.70	22.59	24.00	22.24	22.47	22.43	24.00	24.17	24.22	24.01	25.00
3GPP Rel 6	HSOPA Subtest-1		21.59	21.79	21.83	23.00	21.29	21.37	21.41	23.00	23.18	23.16	23.43	24.00
3GPP Rel 6	HSOPA Subtest-2		21.83	21.61	21.67	23.00	21.67	21.28	21.30	23.00	23.44	23.25	23.05	24.00
3GPP Rel 6	HSOPA Subtest-3		21.23	21.18	21.40	22.50	20.87	20.77	21.07	22.50	22.74	22.75	22.64	23.50
3GPP Rel 6	HSOPA Subtest-4		21.41	21.28	21.24	22.50	21.11	20.92	21.04	22.50	22.61	22.81	22.54	23.50
3GPP Rel 8	DC-HSOPA Subtest-1		21.66	21.72	21.71	23.00	21.36	21.34	21.33	23.00	23.09	23.09	23.00	24.00
3GPP Rel 8	DC-HSOPA Subtest-2		21.99	21.82	21.79	23.00	21.57	21.62	21.62	23.00	23.14	23.08	23.34	24.00
3GPP Rel 8	DC-HSOPA Subtest-3		21.29	21.43	21.31	22.50	20.87	21.09	21.06	22.50	22.64	22.62	22.67	23.50
3GPP Rel 8	DC-HSOPA Subtest-4		21.16	21.25	21.28	22.50	20.92	20.90	21.03	22.50	22.60	22.73	22.86	23.50
3GPP Rel 6	HSUPA Subtest-1		21.93	21.88	21.61	23.00	21.59	21.66	21.29	23.00	23.20	23.23	23.04	24.00
3GPP Rel 6	HSUPA Subtest-2		19.82	19.73	19.56	21.00	19.55	19.32	19.23	21.00	21.37	21.22	21.23	22.00
3GPP Rel 6	HSUPA Subtest-3		20.79	20.98	20.80	22.00	20.49	20.79	20.43	22.00	22.13	22.39	22.27	23.00
3GPP Rel 6	HSUPA Subtest-4		19.86	19.83	19.80	21.00	19.65	19.41	19.65	21.00	21.14	21.40	21.05	22.00
3GPP Rel 6	HSUPA Subtest-5		21.83	21.81	21.74	23.00	21.57	21.55	21.48	23.00	23.04	23.08	23.40	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1		19.11	19.47	19.37	20.50	18.67	19.10	18.98	20.50	20.55	20.80	20.75	21.50

Band 2

Band 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.73	22.82	22.99	24	0		
20	QPSK	1	49	22.41	22.61	22.40				
20	QPSK	1	99	22.68	22.79	22.71				
20	QPSK	50	24	22.10	22.27	22.17				
20	QPSK	50	24	22.04	22.14	21.89	23	1		
20	QPSK	50	50	22.06	22.11	21.87				
20	QPSK	100	0	22.00	22.09	21.90				
20	16QAM	1	0	22.07	22.24	22.18				
20	16QAM	1	49	22.02	22.19	21.95	23	1		
20	16QAM	1	99	21.94	22.03	21.79				
20	16QAM	50	0	20.82	21.06	20.87				
20	16QAM	50	24	20.61	20.84	20.69				
20	16QAM	50	50	20.64	20.74	20.62	22	2		
20	16QAM	100	0	20.90	21.00	20.93				
20	64QAM	1	0	21.47	21.53	21.38				
20	64QAM	1	49	21.31	21.43	21.36				
20	64QAM	1	99	21.05	21.18	21.03	22	2		
20	64QAM	50	0	19.91	20.00	19.93				
20	64QAM	50	24	19.66	19.78	19.61				
20	64QAM	50	50	19.74	19.96	19.82				
20	64QAM	100	0	19.47	19.52	19.67	21	3		
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.64	22.81	22.63	24	0		
15	QPSK	1	37	22.39	22.64	22.33				
15	QPSK	1	74	22.58	22.76	22.60				
15	QPSK	36	0	22.02	22.07	21.95				
15	QPSK	36	20	21.80	21.94	21.66	23	1		
15	QPSK	36	39	22.01	21.98	21.75				
15	QPSK	75	0	21.83	21.92	21.75				
15	16QAM	1	0	21.86	22.17	22.03				
15	16QAM	1	37	21.80	22.01	21.80	23	1		
15	16QAM	1	74	21.70	21.94	21.73				
15	16QAM	36	0	20.68	20.91	20.63				
15	16QAM	36	20	20.48	20.65	20.59				
15	16QAM	36	39	20.45	20.56	20.42	22	2		
15	16QAM	75	0	20.75	20.86	20.75				
15	64QAM	1	0	21.27	21.28	21.30				
15	64QAM	1	37	21.20	21.34	21.17				
15	64QAM	1	74	20.85	21.13	20.89	22	2		
15	64QAM	36	0	19.85	19.94	19.70				
15	64QAM	36	20	19.51	19.53	19.45				
15	64QAM	36	39	19.61	19.72	19.60				
15	64QAM	75	0	19.32	19.41	19.49	21	3		
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.74	22.77	22.52	24	0		
10	QPSK	1	25	22.36	22.58	22.27				
10	QPSK	1	49	22.58	22.66	22.60				
10	QPSK	25	0	21.95	22.02	21.92				
10	QPSK	25	12	21.81	21.95	21.68	23	1		
10	QPSK	25	25	21.88	21.92	21.64				
10	QPSK	50	0	21.77	21.97	21.74				
10	16QAM	1	0	21.93	22.11	22.01				
10	16QAM	1	25	21.97	21.99	21.80	23	1		
10	16QAM	1	49	21.87	21.87	21.62				
10	16QAM	25	0	20.68	20.89	20.63				
10	16QAM	25	12	20.47	20.77	20.62				
10	16QAM	25	25	20.49	20.66	20.44	22	2		
10	16QAM	50	0	20.76	20.76	20.81				
10	64QAM	1	0	21.27	21.35	21.21				
10	64QAM	1	25	21.06	21.27	21.25				
10	64QAM	1	49	20.98	21.04	20.87	22	2		
10	64QAM	25	0	19.67	19.78	19.75				
10	64QAM	25	12	19.44	19.62	19.56				
10	64QAM	25	25	19.61	19.90	19.64				
10	64QAM	50	0	19.41	19.30	19.54	21	3		
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.65	22.69	22.64	24	0		
5	QPSK	1	12	22.38	22.49	22.43				
5	QPSK	1	24	22.69	22.71	22.73				
5	QPSK	12	0	22.02	22.10	22.11				
5	QPSK	12	7	21.86	21.99	21.65	23	1		
5	QPSK	12	13	21.84	21.96	21.63				
5	QPSK	25	0	21.85	21.90	21.69				
5	16QAM	1	0	21.85	22.06	21.93				
5	16QAM	1	12	21.80	22.12	21.81	23	1		
5	16QAM	1	24	21.75	21.87	21.71				
5	16QAM	12	0	20.89	20.83	20.65				
5	16QAM	12	7	20.38	20.61	20.57				
5	16QAM	12	13	20.58	20.56	20.39	22	2		
5	16QAM	25	0	20.74	20.77	20.74				
5	64QAM	1	0	21.34	21.35	21.27				
5	64QAM	1	12	21.26	21.20	21.30				
5	64QAM	1	24	20.97	20.93	20.86	22	2		
5	64QAM	12	0	19.73	19.81	19.73				
5	64QAM	12	7	19.50	19.55	19.39				
5	64QAM	12	13	19.61	19.74	19.66				
5	64QAM	25	0	19.27	19.47	19.50	21	3		
Channel										
Frequency (MHz)										
3	QPSK	1	0	22.68	22.83	22.64	24	0		
3	QPSK	1	8	22.33	22.49	22.37				
3	QPSK	1	14	22.65	22.78	22.72				
3	QPSK	8	0	22.14	22.10	22.04				
3	QPSK	8	4	21.89	21.96	21.89	23	1		
3	QPSK	8	7	21.86	21.95	21.66				
3	QPSK	15	0	21.82	21.99	21.71				
3	16QAM	1	0	21.84	22.06	22.04				
3	16QAM	1	8	21.82	22.09	21.82	23	1		
3	16QAM	1	14	21.88	21.83	21.66				
3	16QAM	8	0	20.62	20.86	20.67				
3	16QAM	8	4	20.50	20.69	20.46				
3	16QAM	8	7	20.47	20.68	20.47	22	2		
3	16QAM	15	0	20.73	20.87	20.74				
3	64QAM	1	0	21.16	21.21	21.24				
3	64QAM	1	8	21.23	21.32	21.16				
3	64QAM	1	14	20.84	21.01	20.87	22	2		
3	64QAM	8	0	19.66	19.76	19.70				
3	64QAM	8	4	19.43	19.54	19.38				
3	64QAM	8	7	19.63	19.73	19.76				
3	64QAM	15	0	19.24	19.39	19.44	21	3		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	22.75	22.74	22.71	24	0		
1.4	QPSK	1	3	22.30	22.62	22.35				
1.4	QPSK	1	5	22.71	22.74	22.75				
1.4	QPSK	3	0	22.67	22.79	22.70				
1.4	QPSK	3	1	22.36	22.62	22.43	23	1		
1.4	QPSK	3	3	22.66	22.81	22.72				
1.4	QPSK	6	0	21.91	22.00	21.68				
1.4	16QAM	1	0	21.96	22.08	21.73				
1.4	16QAM	1	5	21.91	21.99	21.82	23	1		
1.4	16QAM	1	5	21.91	21.99	21.69				
1.4	16QAM	3	0	21.93	22.10	21.83				
1.4	16QAM	3	1	22.00	22.10	21.79				
1.4	16QAM	3	3	21.98	21.92	21.67	22	2		
1.4	16QAM	6	0	20.69	20.91	20.76				
1.4	64QAM	1	0	20.58	20.88	20.63				
1.4	64QAM	1	3	20.67	20.95	20.64				
1.4	64QAM	1	5	20.68	20.83	20.79	22	2		
1.4	64QAM	3	0	20.74	21.00	20.80				
1.4	64QAM	3	1	20.62	20.97	20.73				
1.4	64QAM	3	3	20.60	20.85	20.72				
1.4	64QAM	6	0	19.57	19.57	19.43	21	3		

Band 4

Band 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.74	22.82	22.59	24	0
20	QPSK	1	49	22.42	22.68	22.54		
20	QPSK	1	99	22.78	22.80	22.76		
20	QPSK	50	0	22.23	22.28	22.17	23	1
20	QPSK	50	24	21.92	22.00	21.89		
20	QPSK	50	50	21.96	22.08	21.86		
20	QPSK	100	0	21.86	22.08	21.83	23	1
20	16QAM	1	0	22.10	22.10	22.05		
20	16QAM	1	49	21.99	22.22	21.86		
20	16QAM	1	99	21.81	22.02	21.77	22	2
20	16QAM	50	0	20.79	20.98	20.76		
20	16QAM	50	24	20.78	21.00	20.71		
20	16QAM	50	50	20.58	20.76	20.55	21	3
20	16QAM	100	0	20.91	20.94	20.89		
20	16QAM	1	0	21.47	21.43	21.33		
20	64QAM	1	49	21.28	21.48	21.30	22	2
20	64QAM	1	99	21.04	21.16	21.08		
20	64QAM	50	0	19.78	19.96	19.90		
20	64QAM	50	24	19.67	19.70	19.55	21	3
20	64QAM	50	50	19.78	19.80	19.74		
20	64QAM	100	0	19.32	19.45	19.69		
Channel				20025	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.53	22.74	22.49	24	0
15	QPSK	1	37	22.28	22.56	22.38		
15	QPSK	1	74	22.55	22.69	22.61		
15	QPSK	36	0	21.95	21.96	21.83	23	1
15	QPSK	36	20	21.69	21.87	21.66		
15	QPSK	36	39	21.93	21.98	21.65		
15	QPSK	75	0	21.82	21.89	21.71	23	1
15	16QAM	1	0	21.68	21.97	21.71		
15	16QAM	1	37	21.66	21.91	21.71		
15	16QAM	1	74	21.68	21.91	21.62	22	2
15	16QAM	36	0	20.70	20.79	20.60		
15	16QAM	36	20	20.37	20.60	20.55		
15	16QAM	36	39	20.32	20.59	20.39	21	3
15	16QAM	75	0	20.72	20.73	20.77		
15	64QAM	1	0	21.20	21.31	21.31		
15	64QAM	1	37	21.16	21.26	21.08	22	2
15	64QAM	1	74	20.89	21.18	20.80		
15	64QAM	36	0	19.73	19.85	19.70		
15	64QAM	36	20	19.47	19.43	19.35	21	3
15	64QAM	36	39	19.62	19.71	19.61		
15	64QAM	75	0	19.28	19.29	19.37		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.53	22.71	22.52	24	0
10	QPSK	1	25	22.30	22.54	22.23		
10	QPSK	1	49	22.47	22.66	22.54		
10	QPSK	25	0	21.86	21.86	21.86	23	1
10	QPSK	25	12	21.72	21.81	21.58		
10	QPSK	25	25	21.95	21.88	21.70		
10	QPSK	50	0	21.76	21.86	21.69	23	1
10	16QAM	1	0	21.75	22.06	21.91		
10	16QAM	1	25	21.66	21.86	21.74		
10	16QAM	1	49	21.65	21.88	21.61	22	2
10	16QAM	25	0	20.59	20.78	20.55		
10	16QAM	25	12	20.35	20.58	20.44		
10	16QAM	25	25	20.34	20.54	20.46	21	3
10	16QAM	50	0	20.61	20.74	20.65		
10	64QAM	1	0	21.19	21.15	21.17		
10	64QAM	1	25	21.05	21.21	21.02	22	2
10	64QAM	1	49	20.76	21.07	20.75		
10	64QAM	25	0	19.72	19.80	19.57		
10	64QAM	25	12	19.42	19.44	19.36	21	3
10	64QAM	25	25	19.50	19.62	19.46		
10	64QAM	50	0	19.27	19.32	19.35		
Channel				19975	20150	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.57	22.67	22.50	24	0
5	QPSK	1	12	22.28	22.51	22.19		
5	QPSK	1	24	22.46	22.65	22.47		
5	QPSK	12	0	21.88	22.01	21.86	23	1
5	QPSK	12	7	21.68	21.81	21.54		
5	QPSK	12	13	21.93	21.88	21.68		
5	QPSK	25	0	21.73	21.88	21.66	23	1
5	16QAM	1	0	21.78	22.06	21.91		
5	16QAM	1	12	21.86	21.94	21.86		
5	16QAM	1	24	21.65	21.88	21.60	22	2
5	16QAM	12	0	20.59	20.76	20.58		
5	16QAM	12	7	20.33	20.59	20.51		
5	16QAM	12	13	20.31	20.45	20.30	21	3
5	16QAM	25	0	20.68	20.79	20.66		
5	64QAM	1	0	21.19	21.17	21.24		
5	64QAM	1	12	21.08	21.23	21.10	22	2
5	64QAM	1	24	20.80	21.04	20.84		
5	64QAM	12	0	19.70	19.78	19.63		
5	64QAM	12	7	19.38	19.42	19.37	21	3
5	64QAM	12	13	19.48	19.62	19.50		
5	64QAM	25	0	19.19	19.35	19.42		
Channel				19965	20135	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.62	22.68	22.55	24	0
3	QPSK	1	8	22.26	22.43	22.30		
3	QPSK	1	14	22.58	22.66	22.65		
3	QPSK	8	0	22.06	22.02	21.89	23	1
3	QPSK	8	7	21.76	21.82	21.58		
3	QPSK	15	0	21.69	21.91	21.57		
3	16QAM	1	0	21.73	21.95	21.95	23	1
3	16QAM	1	8	21.77	21.97	21.68		
3	16QAM	1	14	21.83	21.72	21.51		
3	16QAM	8	0	20.52	20.75	20.57	22	2
3	16QAM	8	4	20.41	20.63	20.31		
3	16QAM	8	7	20.40	20.59	20.33		
3	16QAM	15	0	20.61	20.94	20.69	22	2
3	64QAM	1	0	21.11	21.12	21.09		
3	64QAM	1	8	21.12	21.18	21.03		
3	64QAM	8	0	19.56	19.71	19.62	21	3
3	64QAM	8	4	19.32	19.40	19.24		
3	64QAM	8	7	19.57	19.63	19.64		
3	64QAM	15	0	19.15	19.26	19.29		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1718.5	1732.5	1754.3		
1.4	QPSK	1	0	22.68	22.63	22.54	24	0
1.4	QPSK	1	3	22.22	22.54	22.22		
1.4	QPSK	1	5	22.57	22.59	22.68		
1.4	QPSK	3	0	22.55	22.73	22.65	23	1
1.4	QPSK	3	1	22.28	22.57	22.28		
1.4	QPSK	3	3	22.58	22.69	22.58		
1.4	QPSK	6	0	21.83	21.90	21.55	22	2
1.4	16QAM	1	0	21.87	21.94	21.74		
1.4	16QAM	1	3	21.89	21.99	21.62		
1.4	16QAM	1	5	21.76	21.80	21.60	23	1
1.4	16QAM	3	0	21.81	21.97	21.73		
1.4	16QAM	3	1	21.88	22.01	21.81		
1.4	16QAM	3	3	21.92	21.87	21.54	22	2
1.4	16QAM	6	0	20.59	20.79	20.71		
1.4	64QAM	1	0	20.48	20.75	20.55		
1.4	64QAM	1	3	20.56	20.89	20.57	22	2
1.4	64QAM	1	5	20.62	20.75	20.65		
1.4	64QAM	3	0	20.67	20.92	20.66		
1.4	64QAM	3	1	20.55	20.86	20.65	21	3
1.4	64QAM	3	3	20.54	20.76	20.66		
1.4	64QAM	6	0	19.44	19.48	19.33		

Band 7

BW [MHz]	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	22.90	23.06	22.75		
20	QPSK	1	49	22.59	22.82	22.56	24	0
20	QPSK	1	99	22.85	22.97	22.88		
20	QPSK	50	0	22.30	22.38	22.28		
20	QPSK	50	24	22.19	22.22	22.01	23	1
20	QPSK	50	50	22.16	22.19	21.98		
20	QPSK	100	0	22.08	22.19	22.02		
20	16QAM	1	0	22.18	22.24	22.30		
20	16QAM	1	49	22.08	22.26	22.08	23	1
20	16QAM	1	99	22.08	22.12	21.87		
20	16QAM	50	0	20.90	21.12	20.94		
20	16QAM	50	24	20.69	20.99	20.79		
20	16QAM	50	50	20.72	20.88	20.76	22	2
20	16QAM	100	0	20.99	21.07	21.04		
20	64QAM	1	0	21.54	21.64	21.48		
20	64QAM	1	49	21.37	21.54	21.46	22	2
20	64QAM	1	99	21.23	21.27	21.40		
20	64QAM	50	0	20.05	20.08	20.07		
20	64QAM	50	24	19.77	19.91	19.68	21	3
20	64QAM	50	50	19.79	20.10	19.92		
20	64QAM	100	0	19.61	19.63	19.77		
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.45	22.80	22.44		
15	QPSK	1	37	22.31	22.57	22.41	24	0
15	QPSK	1	74	22.56	22.66	22.63		
15	QPSK	36	0	22.01	21.89	21.82		
15	QPSK	36	20	21.73	21.90	21.64	23	1
15	QPSK	36	39	21.90	21.99	21.80		
15	QPSK	75	0	21.81	21.88	21.68		
15	16QAM	1	0	21.87	22.04	22.03		
15	16QAM	1	37	21.73	22.02	21.73	23	1
15	16QAM	1	74	21.69	21.86	21.66		
15	16QAM	36	0	20.73	20.81	20.57		
15	16QAM	36	20	20.43	20.63	20.53	22	2
15	16QAM	36	39	20.37	20.64	20.39		
15	16QAM	75	0	20.75	20.67	20.74		
15	64QAM	1	0	21.13	21.29	21.31		
15	64QAM	1	37	21.15	21.28	21.16	22	2
15	64QAM	1	74	20.91	21.16	20.87		
15	64QAM	36	0	19.66	19.83	19.67		
15	64QAM	36	20	19.51	19.42	19.35	21	3
15	64QAM	36	39	19.58	19.79	19.64		
15	64QAM	75	0	19.29	19.32	19.36		
Channel				20900	21100	21400		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.47	22.74	22.45		
10	QPSK	1	25	22.34	22.62	22.36	24	0
10	QPSK	1	49	22.50	22.68	22.64		
10	QPSK	25	0	22.04	21.92	21.81		
10	QPSK	25	12	21.73	21.85	21.59	23	1
10	QPSK	25	25	21.90	21.92	21.64		
10	QPSK	50	0	21.87	21.83	21.70		
10	16QAM	1	0	21.89	21.97	22.07		
10	16QAM	1	25	21.72	21.96	21.69	23	1
10	16QAM	1	49	21.68	21.93	21.63		
10	16QAM	25	0	20.65	20.81	20.57		
10	16QAM	25	12	20.45	20.61	20.51	22	2
10	16QAM	25	25	20.36	20.61	20.41		
10	16QAM	50	0	20.79	20.67	20.74		
10	64QAM	1	0	21.20	21.29	21.29	22	2
10	64QAM	1	25	21.15	21.24	21.16		
10	64QAM	1	49	20.97	21.11	20.86		
10	64QAM	25	0	19.74	19.87	19.69		
10	64QAM	25	12	19.51	19.47	19.42	21	3
10	64QAM	25	25	19.60	19.78	19.65		
10	64QAM	50	0	19.27	19.35	19.35		
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.49	22.72	22.48		
5	QPSK	1	12	22.33	22.60	22.38	24	0
5	QPSK	1	24	22.55	22.73	22.62		
5	QPSK	12	0	21.98	21.88	21.79		
5	QPSK	12	7	21.67	21.87	21.67	23	1
5	QPSK	12	13	21.85	21.93	21.65		
5	QPSK	25	0	21.89	21.91	21.71		
5	16QAM	1	0	21.94	22.07	22.08		
5	16QAM	1	12	21.67	21.97	21.65	23	1
5	16QAM	1	24	21.66	21.86	21.62		
5	16QAM	12	0	20.67	20.73	20.66		
5	16QAM	12	7	20.37	20.60	20.54	22	2
5	16QAM	12	13	20.30	20.59	20.37		
5	16QAM	25	0	20.71	20.67	20.80		
5	64QAM	1	0	21.23	21.29	21.33		
5	64QAM	1	12	21.16	21.31	21.10	22	2
5	64QAM	1	24	20.97	21.12	20.91		
5	64QAM	12	0	19.68	19.83	19.66		
5	64QAM	12	7	19.50	19.42	19.41	21	3
5	64QAM	12	13	19.64	19.69	19.58		
5	64QAM	25	0	19.34	19.30	19.30		

Band 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				707.5	707.5	711		
10	QPSK	1	0	22.38	22.55	22.23		
10	QPSK	1	25	22.10	22.35	22.11	24	0
10	QPSK	1	49	22.40	22.48	22.35		
10	QPSK	25	0	21.84	21.85	21.76		
10	QPSK	25	12	21.64	21.73	21.51	23	1
10	QPSK	25	25	21.63	21.70	21.44		
10	QPSK	50	0	21.57	21.73	21.54		
10	16QAM	1	0	21.68	21.83	21.82		
10	16QAM	1	25	21.60	21.76	21.61	23	1
10	16QAM	1	49	21.53	21.60	21.39		
10	16QAM	25	0	20.41	20.59	20.46		
10	16QAM	25	12	20.18	20.50	20.24	22	2
10	16QAM	25	25	20.24	20.43	20.22		
10	16QAM	50	0	20.46	20.58	20.59		
10	64QAM	1	0	20.99	21.10	20.95		
10	64QAM	1	25	20.84	21.08	20.99	22	2
10	64QAM	1	49	20.70	20.81	20.86		
10	64QAM	25	0	19.53	19.61	19.59		
10	64QAM	25	12	19.29	19.40	19.21	21	3
10	64QAM	25	25	19.32	19.62	19.43		
10	64QAM	50	0	19.07	19.09	19.25		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				707.5	707.5	715.5		
5	QPSK	1	0	22.40	22.54	22.26		
5	QPSK	1	12	22.11	22.34	22.05	24	0
5	QPSK	1	24	22.33	22.44	22.33		
5	QPSK	12	0	21.80	21.91	21.79		
5	QPSK	12	7	21.71	21.69	21.50	23	1
5	QPSK	12	13	21.65	21.64	21.51		
5	QPSK	25	0	21.55	21.67	21.48		
5	16QAM	1	0	21.68	21.82	21.85		
5	16QAM	1	12	21.57	21.74	21.59	23	1
5	16QAM	1	24	21.62	21.61	21.35		
5	16QAM	12	0	20.44	20.58	20.47		
5	16QAM	12	7	20.15	20.47	20.28	22	2
5	16QAM	12	13	20.21	20.37	20.26		
5	16QAM	25	0	20.49	20.56	20.50		
5	64QAM	1	0	21.08	21.16	21.02		
5	64QAM	1	12	20.87	21.01	21.00	22	2
5	64QAM	1	24	20.77	20.80	20.91		
5	64QAM	12	0	19.58	19.57	19.56		
5	64QAM	12	7	19.24	19.37	19.19	21	3
5	64QAM	12	13	19.28	19.58	19.47		
5	64QAM	25	0	19.13	19.08	19.26		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.42	22.54	22.25		
3	QPSK	1	8	22.11	22.28	22.10	24	0
3	QPSK	1	14	22.36	22.51	22.35		
3	QPSK	8	0	21.82	21.90	21.78		
3	QPSK	8	4	21.71	21.69	21.50	23	1
3	QPSK	8	7	21.67	21.71	21.44		
3	QPSK	15	0	21.54	21.68	21.50		
3	16QAM	1	0	21.64	21.84	21.77		
3	16QAM	1	8	21.58	21.75	21.59	23	1
3	16QAM	1	14	21.61	21.62	21.39		
3	16QAM	8	0	20.37	20.63	20.46		
3	16QAM	8	4	20.21	20.46	20.26	22	2
3	16QAM	8	7	20.26	20.35	20.28		
3	16QAM	15	0	20.45	20.61	20.52		
3	64QAM	1	0	21.08	21.17	21.02	22	2
3	64QAM	1	8	20.85	21.00	20.86		
3	64QAM	1	14	20.76	20.79	20.95		
3	64QAM	8	0	19.59	19.60	19.62		
3	64QAM	8	4	19.26	19.38	19.21	21	3
3	64QAM	8	7	19.28	19.60	19.40		
3	64QAM	15	0	19.09	19.17	19.31		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.53	22.43	22.35		
1.4	QPSK	1	3	22.31	22.31	22.31	24	0
1.4	QPSK	1	5	22.40	22.40	22.44		
1.4	QPSK	3	0	22.31	22.53	22.50		
1.4	QPSK	3	1	22.14	22.35	22.11		
1.4	QPSK	3	3	22.33	22.45	22.38		
1.4	QPSK	6	0	21.55	21.78	21.31	23	1
1.4	16QAM	1	0	21.62	21.75	21.51		
1.4	16QAM	1	3	21.71	21.87	21.45		
1.4	16QAM	1	5	21.51	21.72	21.41	23	1
1.4	16QAM	3	0	21.61	21.11	21.56		
1.4	16QAM	3	1	21.66	21.64	21.56		
1.4	16QAM	3	3	21.73	21.63	21.30		
1.4	16QAM	6	0	20.36	20.57	20.45	22	2
1.4	64QAM	1	0	20.31	20.49	20.36		
1.4	64QAM	1	3	20.33	20.65	20.36		
1.4	64QAM	1	5	20.42	20.58	20.44		
1.4	64QAM	3	0	20.45	20.70	20.47	22	2
1.4	64QAM	3	1	20.31	20.37	20.47		
1.4	64QAM	3	3	20.37	20.58	20.48		
1.4	64QAM	6	0	19.24	19.25	19.16	21	3

Band 14

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
10	QPSK	1	0		793 22.75		24	0
10	QPSK	1	25		22.51			
10	QPSK	1	49		22.68			
10	QPSK	25	0		21.95 21.87		23	1
10	QPSK	25	12		21.83			
10	QPSK	50	0		21.83			
10	16QAM	1	0		22.12 21.94		23	1
10	16QAM	1	25		21.84			
10	16QAM	25	0		20.83			
10	16QAM	25	12		20.52		22	2
10	16QAM	25	25		20.48			
10	16QAM	50	0		20.79			
10	64QAM	1	0		21.19 21.21		22	2
10	64QAM	1	25		21.21			
10	64QAM	1	49		20.99			
10	64QAM	25	0		19.84		21	3
10	64QAM	25	12		19.38			
10	64QAM	25	25		19.65			
10	64QAM	50	0		19.33			
Channel								
Frequency (MHz)								
5	QPSK	1	0		2305 793	2355 795.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.53	22.72	22.51	24	0
5	QPSK	1	12	22.34	22.49	22.38		
5	QPSK	1	24	22.50	22.69	22.47		
5	QPSK	12	0	21.92	21.93	21.91	23	1
5	QPSK	12	7	21.67	21.79	21.54		
5	QPSK	12	13	21.89	21.85	21.69		
5	QPSK	25	0	21.78	21.85	21.67	23	1
5	16QAM	1	0	21.77	22.06	21.92		
5	16QAM	1	12	21.69	21.87	21.66		
5	16QAM	1	24	21.62	21.89	21.58	22	2
5	16QAM	12	0	20.56	20.81	20.53		
5	16QAM	12	7	20.43	20.51	20.51		
5	16QAM	12	13	20.32	20.43	20.35	22	2
5	16QAM	25	0	20.62	20.77	20.63		
5	64QAM	1	0	21.21	21.22	21.17		
5	64QAM	1	12	21.13	21.26	21.11	22	2
5	64QAM	1	24	20.82	20.99	20.82		
5	64QAM	12	0	19.74	19.87	19.61		
5	64QAM	12	7	19.45	19.38	19.38	21	3
5	64QAM	12	13	19.53	19.66	19.52		
5	64QAM	25	0	19.26	19.30	19.37		

Band 17

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 23760	Power Middle Ch. / Freq. 23790	Power High Ch. / Freq. 23800	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
10	QPSK	1	0	22.33	22.52	22.31	24	0
10	QPSK	1	25	22.14	22.29	22.18		
10	QPSK	1	49	22.30	22.49	22.27		
10	QPSK	25	0	21.72	21.73	21.61	23	1
10	QPSK	25	12	21.47	21.59	21.34		
10	QPSK	25	25	21.69	21.65	21.49		
10	QPSK	50	0	21.58	21.65	21.47	23	1
10	16QAM	1	0	21.57	21.86	21.72		
10	16QAM	1	25	21.49	21.67	21.46		
10	16QAM	1	49	21.42	21.69	21.38	22	2
10	16QAM	25	0	20.36	20.61	20.33		
10	16QAM	25	12	20.23	20.31	20.31		
10	16QAM	25	25	20.12	20.23	20.15	22	2
10	16QAM	50	0	20.42	20.57	20.43		
10	64QAM	1	0	21.01	21.02	20.97		
10	64QAM	1	25	20.93	21.06	20.91	22	2
10	64QAM	1	49	20.62	20.79	20.62		
10	64QAM	25	0	19.54	19.67	19.41		
10	64QAM	25	12	19.25	19.18	19.18	21	3
10	64QAM	25	25	19.33	19.46	19.32		
10	64QAM	50	0	19.06	19.10	19.17		
Channel								
Frequency (MHz)								
5	QPSK	1	0	22.35	22.49	22.34	24	0
5	QPSK	1	12	22.17	22.31	22.15		
5	QPSK	1	24	22.26	22.50	22.29		
5	QPSK	12	0	21.77	21.77	21.60	23	1
5	QPSK	12	7	21.44	21.61	21.37		
5	QPSK	12	13	21.65	21.62	21.50		
5	QPSK	25	0	21.62	21.60	21.52	23	1
5	16QAM	1	0	21.61	21.83	21.75		
5	16QAM	1	12	21.46	21.65	21.42		
5	16QAM	1	24	21.44	21.66	21.43	22	2
5	16QAM	12	0	20.40	20.60	20.35		
5	16QAM	12	7	20.28	20.33	20.32		
5	16QAM	12	13	20.13	20.23	20.12	22	2
5	16QAM	25	0	20.44	20.57	20.46		
5	64QAM	1	0	21.04	21.00	20.97		
5	64QAM	1	12	20.90	21.09	20.96	22	2
5	64QAM	1	24	20.63	20.77	20.65		
5	64QAM	12	0	19.54	19.66	19.44		
5	64QAM	12	7	19.21	19.18	19.22	21	3
5	64QAM	12	13	19.34	19.45	19.34		
5	64QAM	25	0	19.05	19.06	19.14		

Band 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.71	22.84	22.63	24	0	
20	QPSK	1	49	22.40	22.59	22.44			
20	QPSK	1	99	22.72	22.76	22.74			
20	QPSK	50	0	22.09	22.15	22.08	23	1	
20	QPSK	50	24	21.91	22.02	21.82			
20	QPSK	50	50	21.92	22.05	21.74			
20	QPSK	100	0	21.94	21.96	21.80	23	1	
20	16QAM	1	0	21.97	22.09	22.09			
20	16QAM	1	49	21.90	22.05	21.87			
20	16QAM	1	99	21.82	21.95	21.70	22	2	
20	16QAM	50	0	20.73	20.99	20.76			
20	16QAM	50	24	20.54	20.74	20.63			
20	16QAM	50	50	20.50	20.60	20.51	22	2	
20	16QAM	100	0	20.76	20.93	20.82			
20	64QAM	1	0	21.36	21.44	21.29			
20	64QAM	1	49	21.18	21.30	21.30	22	2	
20	64QAM	1	99	20.99	21.10	20.96			
20	64QAM	50	0	19.78	19.92	19.84			
20	64QAM	50	24	19.58	19.71	19.54	21	3	
20	64QAM	50	50	19.63	19.83	19.74			
20	64QAM	100	0	19.40	19.43	19.55			
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.64	22.70	22.46	24	0	
15	QPSK	1	37	22.28	22.52	22.30			
15	QPSK	1	74	22.54	22.74	22.61			
15	QPSK	36	0	22.03	22.06	21.99	23	1	
15	QPSK	36	20	21.82	21.90	21.69			
15	QPSK	36	39	21.84	21.95	21.72			
15	QPSK	75	0	21.82	21.87	21.65	23	1	
15	16QAM	1	0	21.83	22.05	22.03			
15	16QAM	1	37	21.81	22.03	21.72			
15	16QAM	1	74	21.70	21.86	21.55	22	2	
15	16QAM	36	0	20.59	20.86	20.63			
15	16QAM	36	20	20.44	20.66	20.45			
15	16QAM	36	39	20.43	20.54	20.42	22	2	
15	16QAM	75	0	20.65	20.82	20.73			
15	64QAM	1	0	21.23	21.29	21.19			
15	64QAM	1	37	21.11	21.25	21.17	22	2	
15	64QAM	1	74	20.82	20.98	20.82			
15	64QAM	36	0	19.75	19.83	19.72			
15	64QAM	36	20	19.51	19.62	19.43	21	3	
15	64QAM	36	39	19.46	19.75	19.59			
15	64QAM	75	0	19.24	19.33	19.21			
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.65	22.76	22.52	24	0	
10	QPSK	1	25	22.29	22.53	22.26			
10	QPSK	1	49	22.59	22.69	22.64			
10	QPSK	25	0	21.98	22.05	21.93	23	1	
10	QPSK	25	12	21.87	21.96	21.65			
10	QPSK	25	25	21.84	21.94	21.63			
10	QPSK	50	0	21.77	21.90	21.73	23	1	
10	16QAM	1	0	21.86	22.03	21.93			
10	16QAM	1	25	21.80	22.03	21.78			
10	16QAM	1	49	21.79	21.82	21.58	22	2	
10	16QAM	25	0	20.67	20.85	20.65			
10	16QAM	25	12	20.44	20.67	20.49			
10	16QAM	25	25	20.40	20.49	20.39	22	2	
10	16QAM	50	0	20.65	20.84	20.72			
10	64QAM	1	0	21.22	21.31	21.18			
10	64QAM	1	25	21.09	21.22	21.20	22	2	
10	64QAM	1	49	20.84	20.98	20.87			
10	64QAM	25	0	19.72	19.84	19.70			
10	64QAM	25	12	19.46	19.73	19.65	21	3	
10	64QAM	25	25	19.51	19.73	19.65			
10	64QAM	50	0	19.29	19.27	19.44			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.61	22.75	22.51	24	0	
5	QPSK	1	12	22.31	22.56	22.27			
5	QPSK	1	24	22.53	22.68	22.59			
5	QPSK	12	0	22.04	22.05	21.92	23	1	
5	QPSK	12	7	21.82	21.91	21.72			
5	QPSK	12	14	21.84	21.92	21.67			
5	QPSK	25	0	21.81	21.87	21.70	23	1	
5	16QAM	1	0	21.84	22.00	21.94			
5	16QAM	1	12	21.78	22.04	21.80			
5	16QAM	1	24	21.73	21.81	21.61	22	2	
5	16QAM	12	0	20.61	20.87	20.71			
5	16QAM	12	7	20.39	20.63	20.49			
5	16QAM	12	13	20.44	20.53	20.39	22	2	
5	16QAM	25	0	20.70	20.90	20.79			
5	64QAM	1	0	21.31	21.31	21.19			
5	64QAM	1	12	21.12	21.20	21.14	22	2	
5	64QAM	1	24	20.83	21.00	20.82			
5	64QAM	12	0	19.69	19.78	19.70			
5	64QAM	12	7	19.46	19.58	19.41	21	3	
5	64QAM	12	13	19.55	19.81	19.62			
5	64QAM	25	0	19.26	19.29	19.43			
Channel									
Frequency (MHz)									
3	QPSK	1	0	22.59	22.69	22.53	24	0	
3	QPSK	1	8	22.36	22.53	22.31			
3	QPSK	1	14	22.56	22.73	22.63			
3	QPSK	8	0	21.96	22.02	22.02	23	1	
3	QPSK	8	4	21.86	21.92	21.66			
3	QPSK	8	7	21.89	21.88	21.67			
3	QPSK	15	0	21.85	21.91	21.73	23	1	
3	16QAM	1	0	21.86	22.05	21.78			
3	16QAM	1	8	21.78	21.92	21.74			
3	16QAM	1	14	21.71	21.82	21.59	23	1	
3	16QAM	8	0	20.57	20.87	20.68			
3	16QAM	8	4	20.44	20.67	20.47			
3	16QAM	8	7	20.39	20.55	20.44	22	2	
3	16QAM	15	0	20.70	20.79	20.77			
3	64QAM	1	0	21.30	21.28	21.17			
3	64QAM	1	8	21.08	21.22	21.14	22	2	
3	64QAM	1	14	20.84	21.04	20.84			
3	64QAM	8	0	19.74	19.76	19.78			
3	64QAM	8	4	19.50	19.61	19.37	21	3	
3	64QAM	8	7	19.56	19.80	19.65			
3	64QAM	15	0	19.28	19.33	19.47			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.68	22.64	22.56	24	0	
1.4	QPSK	1	3	22.22	22.54	22.22			
1.4	QPSK	1	5	22.57	22.59	22.44			
1.4	QPSK	3	0	22.55	22.73	22.65	24	0	
1.4	QPSK	3	1	22.28	22.57	22.28			
1.4	QPSK	3	3	22.58	22.69	22.58			
1.4	QPSK	6	0	21.83	21.90	21.55	23	1	
1.4	16QAM	1	0	21.87	21.94	21.64			
1.4	16QAM	1	3	21.89	21.99	21.72			
1.4	16QAM	1	5	21.78	21.90	21.61	23	1	
1.4	16QAM	3	0	21.81	21.97	21.71			
1.4	16QAM	3	1	21.88	22.01	21.68			
1.4	16QAM	3	3	21.92	21.87	21.54	22	2	
1.4	16QAM	6	0	20.59	20.79	20.71			
1.4	64QAM	1	0	20.48	20.75	20.55			
1.4	64QAM	1	3	20.56	20.89	20.57	22	2	
1.4	64QAM	1	5	20.62	20.75	20.65			
1.4	64QAM	3	0	20.67	20.92	20.66			
1.4	64QAM	3	1	20.55	20.96	20.55	22	2	
1.4	64QAM	3	3	20.54	20.76	20.66			
1.4	64QAM	6	0	19.44	19.48	19.33			
1.4	64QAM	6	3	19.44	19.48	19.33	21	3	

Band 26 for FCC									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	22.89	23.04	22.83	24	0	
15	QPSK	1	37	22.61	22.79	22.63			
15	QPSK	1	74	22.93	23.00	22.97			
15	QPSK	36	0	22.25	22.37	22.28	23	1	
15	QPSK	36	20	22.08	22.20	22.00			
15	QPSK	36	39	22.11	22.28	21.93			
15	QPSK	75	0	22.11	22.20	22.01	23	1	
15	16QAM	1	0	22.16	22.29	22.29			
15	16QAM	1	37	22.14	22.22	22.10			
15	16QAM	1	74	22.07	22.14	21.88	22	2	
15	16QAM	36	0	20.93	21.02	20.99			
15	16QAM	36	20	20.73	20.94	20.84			
15	16QAM	36	39	20.67	20.79	20.76	22	2	
15	16QAM	75	0	20.95	21.09	21.04			
15	64QAM	1	0	21.59	21.62	21.52			
15	64QAM	1	37	21.35	21.52	21.49	22	2	
15	64QAM	1	74	21.22	21.28	21.19			
15	64QAM	36	0	20.02	20.10	20.02			
15	64QAM	36	20	19.80	19.91	19.77	21	3	
15	64QAM	36	39	19.80	20.01	19.91			
15	64QAM	75	0	19.64	19.66	19.79			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	22.70	22.84	22.67	24	0	
10	QPSK	1	25	22.40	22.59	22.44			
10	QPSK	1	49	22.67	22.73	22.73			
10	QPSK	25	0	22.06	22.14	22.04	23	1	
10	QPSK	25	12	21.99	22.02	21.80			
10	QPSK	25	25	21.92	22.01	21.71			
10	QPSK	50	0	21.94	21.94	21.81	23	1	
10	16QAM	1	0	21.98	22.12	22.07			
10	16QAM	1	25	21.87	22.00	21.85			
10	16QAM	1	49	21.86	21.91	21.69	22	2	
10	16QAM	25	0	20.75	20.94	20.75			
10	16QAM	25	12	20.49	20.72	20.62			
10	16QAM	25	25	20.50	20.56	20.47	22	2	
10	16QAM	50	0	20.73	20.89	20.86			
10	64QAM	1	0	21.41	21.44	21.30			
10	64QAM	1	25	21.18	21.33	21.30	22	2	
10	64QAM	1	49	21.04	21.07	20.94			
10	64QAM	25	0	19.76	19.89	19.82			
10	64QAM	25	12	19.61	19.70	19.58	21	3	
10	64QAM	25	25	19.67	19.79	19.75			
10	64QAM	50	0	19.41	19.41	19.50			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	22.72	22.82	22.68	24	0	
5	QPSK	1	12	22.43	22.61	22.45			
5	QPSK	1	24	22.68	22.81	22.73			
5	QPSK	12	0	22.12	22.20	22.09	23	1	
5	QPSK	12	7	21.87	22.01	21.86			
5	QPSK	12	13	21.91	22.03	21.70			
5	QPSK	25	0	21.90	21.98	21.79	23	1	
5	16QAM	1	0	21.94	22.13	22.05			
5	16QAM	1	12	21.93	22.02	21.86			
5	16QAM	1	24	21.78	21.94	21.66	22	2	
5	16QAM	12	0	20.71	20.97	20.72			
5	16QAM	12	7	20.50	20.74	20.58			
5	16QAM	12	13	20.50	20.59	20.52	22	2	
5	16QAM	25	0	20.80	20.97	20.82			
5	64QAM	1	0	21.38	21.44	21.27			
5	64QAM	1	12	21.19	21.30	21.34	22	2	
5	64QAM	1	24	21.02	21.08	20.90			
5	64QAM	12	0	19.77	19.96	19.80			
5	64QAM	12	7	19.61	19.69	19.50	21	3	
5	64QAM	12	13	19.65	19.88	19.78			
5	64QAM	25	0	19.37	19.45	19.52			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	22.74	22.83	22.66	24	0	
3	QPSK	1	8	22.37	22.55	22.41			
3	QPSK	1	14	22.74	22.77	22.78			
3	QPSK	8	0	22.09	22.14	22.05	23	1	
3	QPSK	8	4	21.93	22.03	21.86			
3	QPSK	8	7	21.93	22.03	21.78			
3	QPSK	15	0	21.91	21.98	21.82	23	1	
3	16QAM	1	0	21.97	22.09	22.07			
3	16QAM	1	8	21.94	22.10	21.90			
3	16QAM	1	14	21.83	21.96	21.73	22	2	
3	16QAM	8	0	20.68	20.99	20.71			
3	16QAM	8	4	20.55	20.73	20.63			
3	16QAM	8	7	20.50	20.61	20.50	22	2	
3	16QAM	15	0	20.75	20.95	20.85			
3	64QAM	1	0	21.33	21.41	21.30			
3	64QAM	1	8	21.22	21.28	21.27	22	2	
3	64QAM	1	14	20.99	21.06	20.99			
3	64QAM	8	0	19.81	19.96	19.83			
3	64QAM	8	4	19.55	19.75	19.53	21	3	
3	64QAM	8	7	19.60	19.83	19.76			
3	64QAM	15	0	19.36	19.43	19.56			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	22.65	22.64	22.54	24	0	
1.4	QPSK	1	3	22.24	22.56	22.21			
1.4	QPSK	1	5	22.53	22.63	22.64			
1.4	QPSK	3	0	22.53	22.74	22.61	23	1	
1.4	QPSK	3	1	22.24	22.57	22.24			
1.4	QPSK	3	3	22.54	22.69	22.61			
1.4	QPSK	6	0	21.86	21.94	21.54	23	1	
1.4	16QAM	1	0	21.91	21.94	21.67			
1.4	16QAM	1	3	21.88	21.96	21.74			
1.4	16QAM	1	5	21.82	21.94	21.57	23	1	
1.4	16QAM	3	0	21.77	21.98	21.76			
1.4	16QAM	3	1	21.85	21.99	21.67			
1.4	16QAM	3	3	21.87	21.85	21.54	22	2	
1.4	16QAM	6	0	20.61	20.81	20.74			
1.4	64QAM	1	0	20.46	20.71	20.51			
1.4	64QAM	1	3	20.58	20.91	20.56	22	2	
1.4	64QAM	1	5	20.65	20.77	20.67			
1.4	64QAM	3	0	20.67	20.92	20.70			
1.4	64QAM	3	1	20.53	20.85	20.71	21	3	
1.4	64QAM	3	3	20.58	20.79	20.64			
1.4	64QAM	6	0	19.47	19.46	19.33			

Band 66									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	22.84	22.97	22.89	24	0	
20	QPSK	1	49	22.55	22.73	22.57			
20	QPSK	1	99	22.82	22.94	22.85			
20	QPSK	50	0	22.17	22.22	22.18	23	1	
20	QPSK	50	24	21.98	22.07	21.91			
20	QPSK	50	50	21.99	22.14	21.80			
20	QPSK	100	0	22.00	22.15	21.95			
20	16QAM	1	0	22.04	22.19	22.18	23	1	
20	16QAM	1	49	22.05	22.07	22.03			
20	16QAM	1	99	22.01	22.08	21.77			
20	16QAM	50	0	20.86	20.93	20.89	22	2	
20	16QAM	50	24	20.61	20.82	20.69			
20	16QAM	50	50	20.60	20.84	20.64			
20	16QAM	100	0	20.83	21.02	20.98			
20	64QAM	1	0	21.47	21.51	21.44	22	2	
20	64QAM	1	49	21.21	21.47	21.41			
20	64QAM	1	99	21.17	21.14	21.05			
20	64QAM	50	0	19.89	20.04	19.97	21	3	
20	64QAM	50	24	19.66	19.86	19.63			
20	64QAM	50	50	19.66	19.95	19.78			
20	64QAM	100	0	19.40	19.55	19.67			
Channel				132072	132322	132572	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	22.71	22.87	22.59	24	0	
15	QPSK	1	37	22.44	22.57	22.43			
15	QPSK	1	74	22.21	22.79	22.79			
15	QPSK	36	0	22.05	22.13	22.01	23	1	
15	QPSK	36	20	21.87	22.02	21.78			
15	QPSK	36	39	21.89	22.08	21.71			
15	QPSK	75	0	21.89	22.00	21.79			
15	16QAM	1	0	21.92	22.06	22.13	23	1	
15	16QAM	1	37	21.94	22.05	21.93			
15	16QAM	1	74	21.86	21.91	21.65			
15	16QAM	36	0	20.69	20.83	20.75	22	2	
15	16QAM	36	20	20.58	20.72	20.62			
15	16QAM	36	39	20.46	20.63	20.61			
15	16QAM	75	0	20.77	20.93	20.83	22	2	
15	16QAM	1	0	21.40	21.40	21.34			
15	64QAM	1	37	21.13	21.31	21.24			
15	64QAM	1	74	21.05	21.06	20.97	21	3	
15	64QAM	36	0	19.84	19.91	19.78			
15	64QAM	36	20	19.61	19.73	19.61			
15	64QAM	36	39	19.62	19.81	19.73			
15	64QAM	75	0	19.46	19.46	19.57			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	22.68	22.84	22.59	24	0	
10	QPSK	1	25	22.42	22.62	22.48			
10	QPSK	1	49	22.77	22.78	22.78			
10	QPSK	25	0	22.02	22.16	22.08	23	1	
10	QPSK	25	12	21.84	21.99	21.84			
10	QPSK	25	25	21.89	22.05	21.69			
10	QPSK	50	0	21.90	22.03	21.77			
10	16QAM	1	0	21.94	22.05	22.07	23	1	
10	16QAM	1	25	21.99	22.02	21.88			
10	16QAM	1	49	21.86	21.90	21.66			
10	16QAM	25	0	20.71	20.85	20.79	22	2	
10	16QAM	25	12	20.53	20.73	20.61			
10	16QAM	25	25	20.46	20.60	20.59			
10	16QAM	50	0	20.75	20.90	20.83	22	2	
10	64QAM	1	0	21.42	21.38	21.35			
10	64QAM	1	25	21.20	21.37	21.26			
10	64QAM	1	49	21.05	21.12	21.03	21	3	
10	64QAM	25	0	19.80	19.95	19.83			
10	64QAM	25	12	19.56	19.68	19.62			
10	64QAM	25	25	19.65	19.82	19.72			
10	64QAM	50	0	19.46	19.43	19.57			
Channel				132072	132322	132572	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1772.5			
5	QPSK	1	0	22.70	22.85	22.68	24	0	
5	QPSK	1	12	22.42	22.57	22.44			
5	QPSK	1	24	22.76	22.80	22.75			
5	QPSK	12	0	22.07	22.19	22.08	23	1	
5	QPSK	12	7	21.84	22.05	21.77			
5	QPSK	12	13	21.87	22.13	21.71			
5	QPSK	25	0	21.90	21.97	21.86	23	1	
5	16QAM	1	0	21.96	22.08	22.04			
5	16QAM	1	12	21.92	21.98	21.91			
5	16QAM	1	24	21.84	22.01	21.72	22	2	
5	16QAM	12	0	20.77	20.93	20.83			
5	16QAM	12	7	20.53	20.78	20.68			
5	16QAM	12	13	20.44	20.56	20.60	22	2	
5	16QAM	25	0	20.74	20.89	20.82			
5	64QAM	1	0	21.41	21.45	21.27			
5	64QAM	1	12	21.16	21.32	21.24	22	2	
5	64QAM	1	24	21.04	21.05	21.02			
5	64QAM	12	0	19.86	19.93	19.78			
5	64QAM	12	7	19.57	19.75	19.55	21	3	
5	64QAM	12	13	19.65	19.85	19.76			
5	64QAM	25	0	19.46	19.43	19.56			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	22.65	22.83	22.67	24	0	
3	QPSK	1	8	22.40	22.60	22.45			
3	QPSK	1	14	22.74	22.79	22.78			
3	QPSK	8	0	22.03	22.14	22.09	23	1	
3	QPSK	8	4	21.88	22.01	21.79			
3	QPSK	8	7	21.94	22.07	21.78			
3	QPSK	15	0	21.89	22.00	21.76	23	1	
3	16QAM	1	0	21.99	22.06	22.12			
3	16QAM	1	8	21.98	22.07	21.93			
3	16QAM	1	14	21.91	21.96	21.71	22	2	
3	16QAM	8	0	20.70	20.80	20.74			
3	16QAM	8	4	20.56	20.79	20.65			
3	16QAM	8	7	20.50	20.60	20.55	22	2	
3	16QAM	15	0	20.60	20.70	20.67			
3	64QAM	1	0	21.35	21.42	21.30			
3	64QAM	1	8	21.12	21.34	21.27	21	3	
3	64QAM	8	0	19.84	19.87	19.80			
3	64QAM	8	4	19.62	19.75	19.62			
3	64QAM	8	7	19.60	19.83	19.71			
3	64QAM	15	0	19.46	19.43	19.61			
Channel				131979	132322	132685	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	22.35	22.73	22.69	24	0	
1.4	QPSK	1	3	22.35	22.70	22.30			
1.4	QPSK	1	5	22.67	22.72	22.70			
1.4	QPSK	3	0	22.58	22.80	22.67	23	1	
1.4	QPSK	3	1	22.36	22.66	22.37			
1.4	QPSK	3	3	22.59	22.75	22.69			
1.4	QPSK	6	0	21.99	22.04	21.68	23	1	
1.4	16QAM	1	0	22.01	22.05	21.72			
1.4	16QAM	1	3	22.02	22.02	21.80			
1.4	16QAM	1	5	21.91	22.05	21.71	23	1	
1.4	16QAM	3	0	21.84	22.00	21.89			
1.4	16QAM	3	1	21.95	22.04	21.82			
1.4	16QAM	3	3	22.00	21.99	21.80	22	2	
1.4	16QAM	6	0	20.69	20.96	20.84			
1.4	64QAM	1	0	20.56	20.80	20.58			
1.4	64QAM	1	3	20.66	20.97	20.70	22	2	
1.4	64QAM	1	5	20.73	20.87	20.70			
1.4	64QAM	3	0	20.72	21.02	20.82			
1.4	64QAM	3	1	20.64	20.99	20.82	21	3	
1.4	64QAM	3	3	20.68	20.91	20.77			
1.4	64QAM	6	0	19.55	19.55	19.38			

Band 38									
BW [MHz]	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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.67	22.70	22.69	24	0	
20	QPSK	1	49	22.34	22.49	22.42			
20	QPSK	1	99	22.61	22.70	22.65			
20	QPSK	50	0	21.96	22.02	21.94	23	1	
20	QPSK	50	24	21.76	21.91	21.71			
20	QPSK	50	50	21.78	21.90	21.59			
20	QPSK	100	0	21.79	21.91	21.72	23	1	
20	16QAM	1	0	21.88	21.98	21.96			
20	16QAM	1	49	21.81	21.87	21.85			
20	16QAM	1	99	21.83	21.85	21.56	22	2	
20	16QAM	50	0	20.66	20.75	20.74			
20	16QAM	50	24	20.42	20.64	20.49			
20	16QAM	50	50	20.41	20.45	20.40	22	2	
20	16QAM	100	0	20.62	20.84	20.83			
20	64QAM	1	0	21.28	21.29	21.28			
20	64QAM	1	49	20.98	21.30	21.20	22	2	
20	64QAM	1	99	20.93	20.89	20.88			
20	64QAM	50	0	19.68	19.82	19.75			
20	64QAM	50	24	19.42	19.64	19.44	21	3	
20	64QAM	50	50	19.44	19.77	19.58			
20	64QAM	100	0	19.32	19.38	19.52			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	22.47	22.61	22.45	24	0	
15	QPSK	1	37	22.14	22.25	22.18			
15	QPSK	1	74	22.38	22.52	22.42			
15	QPSK	36	0	21.81	21.87	21.74	23	1	
15	QPSK	36	20	21.54	21.74	21.50			
15	QPSK	36	39	21.53	21.73	21.44			
15	QPSK	75	0	21.61	21.68	21.51	23	1	
15	16QAM	1	0	21.71	21.74	21.72			
15	16QAM	1	37	21.56	21.63	21.60			
15	16QAM	1	74	21.64	21.65	21.31	22	2	
15	16QAM	36	0	20.51	20.52	20.55			
15	16QAM	36	20	20.21	20.43	20.26			
15	16QAM	36	39	20.24	20.28	20.18	22	2	
15	16QAM	75	0	20.41	20.68	20.58			
15	64QAM	1	0	21.04	21.13	21.04			
15	64QAM	1	37	20.76	21.06	21.02	22	2	
15	64QAM	1	74	20.68	20.72	20.69			
15	64QAM	36	0	19.51	19.61	19.60			
15	64QAM	36	20	19.21	19.40	19.26	21	3	
15	64QAM	36	39	19.19	19.56	19.34			
15	64QAM	75	0	19.15	19.22	19.30			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	22.49	22.58	22.52	24	0	
10	QPSK	1	25	22.10	22.27	22.19			
10	QPSK	1	49	22.39	22.55	22.49			
10	QPSK	25	0	21.73	21.80	21.69	23	1	
10	QPSK	25	12	21.58	21.72	21.52			
10	QPSK	25	25	21.62	21.66	21.36			
10	QPSK	50	0	21.58	21.66	21.54	23	1	
10	16QAM	1	0	21.67	21.73	21.80			
10	16QAM	1	25	21.65	21.68	21.65			
10	16QAM	1	49	21.65	21.69	21.37	22	2	
10	16QAM	25	0	20.49	20.54	20.50			
10	16QAM	25	12	20.22	20.42	20.28			
10	16QAM	25	25	20.21	20.29	20.24	22	2	
10	16QAM	50	0	20.37	20.66	20.61			
10	64QAM	1	0	21.13	21.07	21.08			
10	64QAM	1	25	20.74	21.06	20.99	22	2	
10	64QAM	1	49	20.77	20.64	20.66			
10	64QAM	25	0	19.47	19.65	19.53			
10	64QAM	25	12	19.27	19.40	19.21	21	3	
10	64QAM	25	25	19.23	19.57	19.34			
10	64QAM	50	0	19.15	19.20	19.36			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	22.45	22.58	22.48	24	0	
5	QPSK	1	12	22.18	22.28	22.24			
5	QPSK	1	24	22.45	22.58	22.49			
5	QPSK	12	0	21.75	21.84	21.73	23	1	
5	QPSK	12	7	21.52	21.67	21.56			
5	QPSK	12	13	21.58	21.66	21.37			
5	QPSK	25	0	21.55	21.73	21.49	23	1	
5	16QAM	1	0	21.65	21.74	21.79			
5	16QAM	1	12	21.64	21.63	21.64			
5	16QAM	1	24	21.59	21.67	21.36	22	2	
5	16QAM	12	0	20.45	20.51	20.51			
5	16QAM	12	7	20.25	20.47	20.31			
5	16QAM	12	13	20.22	20.23	20.17	22	2	
5	16QAM	25	0	20.46	20.66	20.59			
5	64QAM	1	0	21.09	21.04	21.05			
5	64QAM	1	12	20.78	21.09	21.04	22	2	
5	64QAM	1	24	20.71	20.73	20.72			
5	64QAM	12	0	19.47	19.64	19.55			
5	64QAM	12	7	19.26	19.41	19.20	21	3	
5	64QAM	12	13	19.26	19.61	19.37			
5	64QAM	25	0	19.12	19.22	19.33			

Band 41										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.67	22.49	22.71	22.32	22.34	24	0
20	QPSK	1	49	22.30	22.25	22.36	22.34	22.37		
20	QPSK	1	99	22.51	22.42	22.39	22.49	22.49		
20	QPSK	50	0	21.78	21.78	21.81	21.78	21.73	23	1
20	QPSK	50	24	21.67	21.54	21.52	21.68	21.55		
20	QPSK	50	50	21.67	21.35	21.55	21.75	21.37		
20	QPSK	100	0	21.70	21.56	21.74	21.71	21.50	23	1
20	16QAM	1	0	21.79	21.81	21.64	21.79	21.78		
20	16QAM	1	49	21.67	21.89	21.63	21.64	21.68		
20	16QAM	1	99	21.65	21.35	21.66	21.70	21.41	22	2
20	16QAM	50	0	20.56	20.54	20.43	20.55	20.54		
20	16QAM	50	24	20.46	20.26	20.22	20.48	20.33		
20	16QAM	50	50	20.28	20.24	20.19	20.28	20.21	22	2
20	16QAM	100	0	20.63	20.63	20.43	20.64	20.60		
20	64QAM	1	0	21.10	21.07	21.09	21.13	21.08		
20	64QAM	1	49	21.08	21.02	20.82	21.14	21.01	22	2
20	64QAM	1	99	20.70	20.68	20.71	20.71	20.68		
20	64QAM	50	0	19.67	19.59	19.51	19.60	19.58		
20	64QAM	50	24	19.48	19.24	19.21	19.41	19.21	21	3
20	64QAM	50	50	19.62	19.38	19.29	19.54	19.37		
20	64QAM	100	0	19.20	19.36	19.11	19.16	19.29		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.3	2682.5		
15	QPSK	1	0	22.57	22.36	22.61	22.23	22.20	24	0
15	QPSK	1	37	22.21	22.15	22.26	22.25	22.24		
15	QPSK	1	74	22.42	22.28	22.25	22.38	22.40		
15	QPSK	36	0	21.67	21.67	21.69	21.64	21.67	23	1
15	QPSK	36	20	21.55	21.47	21.38	21.55	21.49		
15	QPSK	36	39	21.53	21.22	21.41	21.61	21.31		
15	QPSK	75	0	21.58	21.50	21.69	21.58	21.42	23	1
15	16QAM	1	0	21.64	21.74	21.56	21.67	21.68		
15	16QAM	1	37	21.60	21.61	21.52	21.59	21.53		
15	16QAM	1	74	21.59	21.26	21.53	21.55	21.29	22	2
15	16QAM	36	0	20.46	20.40	20.30	20.49	20.40		
15	16QAM	36	20	20.39	20.11	20.09	20.38	20.19		
15	16QAM	36	39	20.18	20.17	20.05	20.20	20.15	22	2
15	16QAM	75	0	20.49	20.57	20.34	20.51	20.46		
15	64QAM	1	0	20.97	20.96	21.04	21.00	20.99		
15	64QAM	1	37	20.99	20.92	20.76	21.01	20.93	22	2
15	64QAM	1	74	20.84	20.59	20.60	20.65	20.59		
15	64QAM	36	0	19.56	19.44	19.40	19.52	19.43		
15	64QAM	36	20	19.40	19.16	19.11	19.28	19.12	21	3
15	64QAM	36	39	19.50	19.26	19.17	19.40	19.30		
15	64QAM	75	0	19.12	19.31	19.05	19.07	19.15		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.46	22.28	22.49	22.14	22.08	24	0
10	QPSK	1	25	22.10	22.07	22.18	22.12	22.17		
10	QPSK	1	49	22.28	22.22	22.13	22.32	22.35		
10	QPSK	25	0	21.58	21.53	21.59	21.59	21.55	23	1
10	QPSK	25	12	21.42	21.35	21.23	21.43	21.37		
10	QPSK	25	25	21.45	21.14	21.35	21.55	21.21		
10	QPSK	50	0	21.47	21.44	21.59	21.53	21.31	23	1
10	16QAM	1	0	21.56	21.63	21.42	21.57	21.58		
10	16QAM	25	1	21.52	21.47	21.47	21.45	21.38		
10	16QAM	1	49	21.45	21.18	21.42	21.49	21.22	22	2
10	16QAM	25	0	20.32	20.28	20.25	20.37	20.30		
10	16QAM	25	12	20.30	20.11	20.01	20.26	20.14		
10	16QAM	25	25	20.07	20.08	20.15	20.14	20.06	22	2
10	16QAM	50	0	20.40	20.45	20.22	20.40	20.34		
10	64QAM	1	0	20.84	20.84	20.95	20.88	20.86		
10	64QAM	1	25	20.86	20.79	20.62	20.93	20.87	22	2
10	64QAM	1	49	20.59	20.46	20.48	20.50	20.49		
10	64QAM	25	0	19.49	19.33	19.26	19.40	19.37		
10	64QAM	25	12	19.34	19.07	19.23	19.21	19.04	21	3
10	64QAM	25	25	19.36	19.17	19.09	19.30	19.24		
10	64QAM	50	0	19.49	19.33	19.26	19.40	19.37		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.3	2593	2640.3	2687.5		
5	QPSK	1	0	22.66	22.52	22.70	22.34	22.30	24	0
5	QPSK	1	12	22.34	22.28	22.38	22.28	22.35		
5	QPSK	1	24	22.45	22.37	22.33	22.48	22.55		
5	QPSK	12	0	21.82	21.74	21.84	21.79	21.76	23	1
5	QPSK	12	7	21.66	21.51	21.45	21.68	21.61		
5	QPSK	12	13	21.63	21.34	21.59	21.73	21.43		
5	QPSK	25	0	21.65	21.67	21.81	21.76	21.50	23	1
5	16QAM	1	0	21.73	21.79	21.61	21.79	21.83		
5	16QAM	1	12	21.70	21.66	21.65	21.68	21.53		
5	16QAM	1	24	21.65	21.41	21.67	21.73	21.45	22	2
5	16QAM	12	7	20.53	20.53	20.40	20.57	20.48		
5	16QAM	12	7	20.46	20.28	20.21	20.49	20.33		
5	16QAM	12	13	20.29	20.31	20.40	20.35	20.28	22	2
5	16QAM	25	0	20.63	20.67	20.42	20.63	20.54		
5	64QAM	1	0	20.99	21.07	21.14	21.05	21.10		
5	64QAM	1	12	21.07	21.01	20.87	21.09	21.11	22	2
5	64QAM	1	24	20.77	20.66	20.72	20.66	20.65		
5	64QAM	12	0	19.24	19.54	19.45	19.60	19.62		
5	64QAM	12	7	19.50	19.27	19.39	19.37	19.35	21	3
5	64QAM	12	13	19.60	19.41	19.37	19.48	19.43		
5	64QAM	25	0	19.73	19.58	19.50	19.56	19.57		

Reduced Power Mode for Sensor on

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	18.39	18.45	18.34	20.00	21.39	21.62	21.58	23.00	24.17	24.22	24.01	25.00
3GPP Rel 6	HSDPA Subtest-1	17.34	17.54	17.58	19.00	20.44	20.52	20.56	22.00	23.18	23.16	23.43	24.00
3GPP Rel 6	HSDPA Subtest-2	17.58	17.36	17.42	19.00	20.82	20.43	20.45	22.00	23.44	23.25	23.05	24.00
3GPP Rel 6	HSDPA Subtest-3	16.98	16.93	17.15	18.50	20.02	19.92	20.22	21.50	22.74	22.75	22.64	23.50
3GPP Rel 6	HSDPA Subtest-4	17.16	17.03	16.99	18.50	20.26	20.07	20.19	21.50	22.61	22.81	22.54	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.41	17.47	17.46	19.00	20.51	20.49	20.48	22.00	23.09	23.09	23.00	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.74	17.57	17.54	19.00	20.72	20.77	20.77	22.00	23.14	23.08	23.34	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.04	17.18	17.06	18.50	20.02	20.24	20.21	21.50	22.64	22.62	22.67	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.91	17.00	17.03	18.50	20.07	20.05	20.18	21.50	22.60	22.73	22.86	23.50
3GPP Rel 6	HSUPA Subtest-1	17.68	17.63	17.36	19.00	20.74	20.81	20.44	22.00	23.20	23.23	23.04	24.00
3GPP Rel 6	HSUPA Subtest-2	15.57	15.48	15.31	17.00	18.70	18.47	18.38	20.00	21.37	21.22	21.23	22.00
3GPP Rel 6	HSUPA Subtest-3	16.54	16.73	16.55	18.00	19.64	19.64	19.58	21.00	22.13	22.39	22.27	23.00
3GPP Rel 6	HSUPA Subtest-4	15.61	15.58	15.55	17.00	18.80	18.56	18.80	20.00	21.14	21.40	21.05	22.00
3GPP Rel 6	HSUPA Subtest-5	17.58	17.56	17.49	19.00	20.72	20.70	20.63	22.00	23.04	23.08	23.40	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.11	15.22	15.12	16.50	17.82	18.25	18.13	19.50	20.55	20.80	20.75	21.50

Band 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	18.92	19.07	18.78	20	0	
20	QPSK	1	49	18.71	18.80	18.60			
20	QPSK	1	99	18.95	19.01	18.87			
20	QPSK	50	0	18.35	18.42	18.38			
20	QPSK	50	24	18.24	18.36	17.98			
20	QPSK	50	50	18.17	18.24	17.92	19	1	
20	QPSK	100	0	18.10	18.17	18.03			
20	16QAM	1	0	18.12	18.45	18.35			
20	16QAM	1	49	18.14	18.41	18.15			
20	16QAM	1	99	18.06	18.26	18.00			
20	16QAM	50	0	16.99	17.18	17.06	18	2	
20	16QAM	50	24	16.68	16.92	16.94			
20	16QAM	50	50	16.81	16.80	16.77			
20	16QAM	100	0	16.98	17.15	16.98			
20	84QAM	1	0	17.57	17.66	17.61			
20	84QAM	1	49	17.54	17.49	17.55	18	2	
20	84QAM	1	99	17.19	17.29	17.22			
20	84QAM	50	0	16.01	16.23	16.17			
20	84QAM	50	24	15.86	15.85	15.74			
20	84QAM	50	50	15.83	16.02	15.94			
20	84QAM	100	0	15.56	15.70	15.91	17	3	
Channel							1867.5	1890.0	1912.5
Frequency (MHz)				1857.5	1880.0	1902.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	18.87	19.06	18.69	20	0	
15	QPSK	1	37	18.63	18.71	18.75			
15	QPSK	1	74	18.85	19.01	18.82			
15	QPSK	36	0	18.19	18.36	18.13			
15	QPSK	36	20	18.05	18.21	17.91			
15	QPSK	36	39	18.21	18.21	17.86	19	1	
15	QPSK	75	0	17.98	18.21	17.88			
15	16QAM	1	0	18.10	18.33	18.29			
15	16QAM	1	37	18.07	18.23	18.04			
15	16QAM	1	74	17.92	18.00	17.83			
15	16QAM	36	0	16.82	17.10	16.86	18	2	
15	16QAM	36	20	16.61	16.99	16.70			
15	16QAM	36	39	16.64	16.78	16.62			
15	16QAM	75	0	16.85	16.98	17.08			
15	84QAM	1	0	17.49	17.54	17.40			
15	84QAM	1	37	17.37	17.42	17.45	18	2	
15	84QAM	1	74	17.08	17.22	17.15			
15	84QAM	36	0	15.93	15.98	15.89			
15	84QAM	36	20	15.79	15.89	15.68			
15	84QAM	36	39	15.72	15.93	15.96			
15	84QAM	75	0	15.59	15.49	15.82	17	3	
Channel							1865.0	1890.0	1915.0
Frequency (MHz)				1855	1880	1905	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	18.83	19.03	18.78	20	0	
10	QPSK	1	25	18.55	18.67	18.55			
10	QPSK	1	49	18.85	19.01	18.79			
10	QPSK	25	0	18.21	18.32	18.20			
10	QPSK	25	12	18.01	18.09	17.97			
10	QPSK	25	25	18.06	18.14	18.02	19	1	
10	QPSK	50	0	18.01	18.17	17.98			
10	16QAM	1	0	18.07	18.37	18.28			
10	16QAM	1	25	18.09	18.28	17.96			
10	16QAM	1	49	18.04	18.13	17.93			
10	16QAM	25	0	16.94	17.04	16.98	18	2	
10	16QAM	25	12	16.68	16.95	16.80			
10	16QAM	25	25	16.65	16.87	16.59			
10	16QAM	50	0	16.96	17.06	16.94			
10	84QAM	1	0	17.45	17.58	17.34			
10	84QAM	1	25	17.27	17.49	17.51	18	2	
10	84QAM	1	49	17.09	17.33	17.12			
10	84QAM	25	0	15.89	16.09	15.96			
10	84QAM	25	12	15.72	15.83	15.65			
10	84QAM	25	25	15.86	15.97	15.91			
10	84QAM	50	0	15.47	15.61	15.82	17	3	
Channel							1852.5	1880.0	1907.5
Frequency (MHz)				1852.5	1880.0	1907.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	18.86	18.95	18.73	20	0	
5	QPSK	1	12	18.51	18.84	18.61			
5	QPSK	1	24	18.92	18.99	18.89			
5	QPSK	12	0	18.33	18.25	18.18			
5	QPSK	12	7	18.16	18.16	17.88			
5	QPSK	12	13	18.19	18.16	18.01	19	1	
5	QPSK	25	0	18.01	18.06	17.86			
5	16QAM	1	0	18.18	18.26	18.22			
5	16QAM	1	12	18.06	18.22	18.05			
5	16QAM	1	24	18.08	18.15	17.83			
5	16QAM	12	0	16.91	17.06	16.96	18	2	
5	16QAM	12	7	16.72	16.87	16.78			
5	16QAM	12	13	16.62	16.69	16.68			
5	16QAM	25	0	16.96	16.98	16.95			
5	84QAM	1	0	17.53	17.46	17.41			
5	84QAM	1	12	17.42	17.52	17.36	18	2	
5	84QAM	1	24	17.24	17.28	17.06			
5	84QAM	12	0	15.96	16.02	15.90			
5	84QAM	12	7	15.79	15.75	15.73			
5	84QAM	12	13	15.72	15.93	15.86			
5	84QAM	25	0	15.48	15.59	15.80	17	3	
Channel							1861.5	1890.0	1918.5
Frequency (MHz)				1851.5	1880	1908.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	18.92	18.99	18.75	20	0	
3	QPSK	1	8	18.55	18.75	18.61			
3	QPSK	1	14	18.84	18.93	18.88			
3	QPSK	8	0	18.28	18.29	18.18			
3	QPSK	8	4	18.00	18.16	17.96			
3	QPSK	8	7	18.19	18.16	17.99	19	1	
3	QPSK	15	0	18.09	18.21	17.92			
3	16QAM	1	0	18.03	18.25	18.20			
3	16QAM	1	8	18.05	18.15	18.01			
3	16QAM	1	14	18.05	18.16	17.82			
3	16QAM	8	0	16.84	17.02	16.88	18	2	
3	16QAM	8	4	16.59	16.84	16.80			
3	16QAM	8	7	16.71	16.85	16.68			
3	16QAM	15	0	16.97	17.05	17.07			
3	84QAM	1	0	17.51	17.60	17.34			
3	84QAM	1	8	17.27	17.49	17.33	18	2	
3	84QAM	1	14	17.19	17.24	17.14			
3	84QAM	8	0	15.88	16.13	16.03			
3	84QAM	8	4	15.74	15.80	15.64			
3	84QAM	8	7	15.88	16.04	15.89			
3	84QAM	15	0	15.49	15.54	15.66	17	3	
Channel							1860.7	1890.0	1919.3
Frequency (MHz)				1850.7	1880	1909.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	18.83	18.94	18.82	20	0	
1.4	QPSK	1	3	18.45	18.59	18.45			
1.4	QPSK	1	5	18.79	18.73	18.74			
1.4	QPSK	3	0	18.80	18.85	18.73			
1.4	QPSK	3	1	18.39	18.59	18.46			
1.4	QPSK	3	3	18.78	18.78	18.85	19	1	
1.4	QPSK	6	0	18.05	17.97	17.82			
1.4	16QAM	1	0	18.05	18.14	17.79			
1.4	16QAM	1	3	17.94	18.15	17.90			
1.4	16QAM	1	5	17.90	18.00	17.70			
1.4	16QAM	3	0	18.06	18.10	17.83	19	1	
1.4	16QAM	3	1	18.02	18.07	17.75			
1.4	16QAM	3	3	18.10	18.07	17.73			
1.4	16QAM	6	0	16.69	16.99	16.90			
1.4	QPSK	1	0	16.62	17.02	16.75	18	2	
1.4	QPSK	1	3	16.71	16.98	16.64			
1.4	QPSK	1	5	16.67	16.88	16.81			
1.4	QPSK	3	0	16.73	17.05	16.82			
1.4	QPSK	3	3	16.60	16.99	16.72			
1.4	QPSK	3	0	15.53	15.58	15.53	17	3	

Band 7									
BW [MHz]	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	20.05	20.21	19.90	21	0	
20	QPSK	1	49	19.74	19.97	19.71			
20	QPSK	1	99	20.00	20.12	20.03			
20	QPSK	50	0	19.45	19.53	19.43	20	1	
20	QPSK	50	24	19.34	19.37	19.16			
20	QPSK	50	50	19.31	19.34	19.13			
20	QPSK	100	0	19.23	19.34	19.17	20	1	
20	16QAM	1	0	19.33	19.49	19.45			
20	16QAM	1	49	19.23	19.41	19.24			
20	16QAM	1	99	19.23	19.27	19.02	20	1	
20	16QAM	50	0	18.05	18.27	18.09			
20	16QAM	50	24	17.84	18.14	17.94			
20	16QAM	50	50	17.87	18.03	17.91	19	2	
20	16QAM	100	0	18.14	18.22	18.19			
20	64QAM	1	0	18.69	18.79	18.63			
20	64QAM	1	49	18.52	18.69	18.61	19	2	
20	64QAM	1	99	18.38	18.42	18.55			
20	64QAM	50	0	17.20	17.23	17.22			
20	64QAM	50	24	16.92	17.06	16.83	18	3	
20	64QAM	50	50	16.94	17.25	17.07			
20	64QAM	100	0	16.76	16.78	16.92			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	19.88	19.96	19.66	21	0	
15	QPSK	1	37	19.49	19.69	19.46			
15	QPSK	1	74	19.75	19.90	19.74			
15	QPSK	36	0	19.26	19.26	19.24	20	1	
15	QPSK	36	20	19.23	19.15	19.04			
15	QPSK	36	39	19.04	19.21	18.84			
15	QPSK	75	0	19.07	19.17	19.06	20	1	
15	16QAM	1	0	19.13	19.26	19.17			
15	16QAM	1	37	19.03	19.28	19.07			
15	16QAM	1	74	19.03	19.09	18.82	19	2	
15	16QAM	36	0	17.84	18.07	17.88			
15	16QAM	36	20	17.59	17.92	17.87			
15	16QAM	36	39	17.73	17.93	17.68	19	2	
15	16QAM	75	0	17.93	18.05	18.03			
15	64QAM	1	0	18.57	18.62	18.38			
15	64QAM	1	37	18.24	18.40	18.35	19	2	
15	64QAM	1	74	18.19	18.29	18.44			
15	64QAM	36	0	16.99	17.12	16.95			
15	64QAM	36	20	16.79	16.80	16.65	18	3	
15	64QAM	36	39	16.70	17.11	16.89			
15	64QAM	75	0	16.62	16.56	16.66			
Channel				20900	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	19.93	19.93	19.84	21	0	
10	QPSK	1	25	19.55	19.76	19.57			
10	QPSK	1	49	19.73	19.94	19.90			
10	QPSK	25	0	19.27	19.39	19.14	20	1	
10	QPSK	25	12	19.12	19.17	19.02			
10	QPSK	25	25	19.06	19.08	19.00			
10	QPSK	50	0	18.84	19.18	19.04	20	1	
10	16QAM	1	0	19.08	19.23	19.26			
10	16QAM	1	25	18.95	19.25	18.96			
10	16QAM	1	49	19.09	19.02	18.81	19	2	
10	16QAM	25	0	17.81	17.97	17.79			
10	16QAM	25	12	17.71	17.91	17.73			
10	16QAM	25	25	17.68	17.91	17.81	19	2	
10	16QAM	50	0	17.97	17.97	17.91			
10	64QAM	1	0	18.46	18.52	18.36			
10	64QAM	1	25	18.24	18.51	18.50	19	2	
10	64QAM	1	49	18.18	18.25	18.37			
10	64QAM	25	0	17.10	17.06	17.02			
10	64QAM	25	12	16.75	16.96	16.72	18	3	
10	64QAM	25	25	16.68	17.14	16.83			
10	64QAM	50	0	16.49	16.51	16.76			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	19.75	19.91	19.60	21	0	
5	QPSK	1	12	19.44	19.67	19.41			
5	QPSK	1	24	19.70	19.82	19.73			
5	QPSK	12	0	19.15	19.23	19.13	20	1	
5	QPSK	12	7	19.04	19.07	18.86			
5	QPSK	12	13	19.01	19.04	18.83			
5	QPSK	25	0	18.93	19.04	18.87	20	1	
5	16QAM	1	0	19.03	19.19	19.15			
5	16QAM	1	12	18.93	19.11	18.94			
5	16QAM	1	24	18.93	18.97	18.72	19	2	
5	16QAM	12	0	17.75	17.97	17.79			
5	16QAM	12	7	17.54	17.84	17.64			
5	16QAM	12	13	17.57	17.73	17.61	19	2	
5	16QAM	25	0	17.84	17.92	17.89			
5	64QAM	1	0	18.39	18.49	18.33			
5	64QAM	1	12	18.22	18.39	18.31	19	2	
5	64QAM	1	24	18.08	18.12	18.25			
5	64QAM	12	0	16.80	16.93	16.92			
5	64QAM	12	7	16.62	16.76	16.53	18	3	
5	64QAM	12	13	16.64	16.95	16.77			
5	64QAM	25	0	16.46	16.48	16.62			

Band 12									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.38	22.55	22.23	24	0	
10	QPSK	1	25	22.10	22.35	22.11			
10	QPSK	1	49	22.40	22.48	22.35			
10	QPSK	25	0	21.84	21.85	21.76	23	1	
10	QPSK	25	12	21.64	21.73	21.51			
10	QPSK	25	25	21.63	21.70	21.44			
10	QPSK	50	0	21.57	21.73	21.54	23	1	
10	16QAM	1	0	21.68	21.83	21.82			
10	16QAM	1	25	21.60	21.76	21.61			
10	16QAM	1	49	21.53	21.60	21.39	22	2	
10	16QAM	25	0	20.41	20.59	20.46			
10	16QAM	25	12	20.18	20.50	20.24			
10	16QAM	25	25	20.24	20.43	20.22	22	2	
10	16QAM	50	0	20.46	20.58	20.59			
10	64QAM	1	0	20.99	21.10	20.95			
10	64QAM	1	25	20.84	21.08	20.99	22	2	
10	64QAM	1	49	20.70	20.81	20.86			
10	64QAM	25	0	19.53	19.61	19.59			
10	64QAM	25	12	19.29	19.40	19.21	21	3	
10	64QAM	25	25	19.32	19.62	19.43			
10	64QAM	50	0	19.07	19.09	19.25			
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	22.40	22.54	22.26	24	0	
5	QPSK	1	12	22.11	22.34	22.05			
5	QPSK	1	24	22.33	22.44	22.33			
5	QPSK	12	0	21.80	21.91	21.79	23	1	
5	QPSK	12	7	21.71	21.69	21.50			
5	QPSK	12	13	21.65	21.64	21.51			
5	QPSK	25	0	21.55	21.67	21.48	23	1	
5	16QAM	1	0	21.68	21.82	21.85			
5	16QAM	1	12	21.57	21.74	21.59			
5	16QAM	1	24	21.62	21.61	21.35	22	2	
5	16QAM	12	0	20.44	20.58	20.47			
5	16QAM	12	7	20.15	20.47	20.28			
5	16QAM	12	13	20.21	20.37	20.26	22	2	
5	16QAM	25	0	20.46	20.61	20.40			
5	64QAM	1	0	21.08	21.16	21.02			
5	64QAM	1	12	20.87	21.01	21.00	22	2	
5	64QAM	1	24	20.77	20.80	20.91			
5	64QAM	12	0	19.58	19.57	19.56			
5	64QAM	12	7	19.24	19.37	19.19	21	3	
5	64QAM	12	13	19.28	19.58	19.47			
5	64QAM	25	0	19.13	19.08	19.26			
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				699.7	707.5	715.3			
3	QPSK	1	0	22.42	22.54	22.25	24	0	
3	QPSK	1	8	22.11	22.28	22.10			
3	QPSK	1	14	22.36	22.51	22.35			
3	QPSK	8	0	21.82	21.90	21.78	23	1	
3	QPSK	8	4	21.71	21.69	21.50			
3	QPSK	8	7	21.67	21.71	21.44			
3	QPSK	15	0	21.54	21.68	21.50	23	1	
3	16QAM	1	0	21.64	21.85	21.77			
3	16QAM	1	8	21.58	21.75	21.59			
3	16QAM	1	14	21.61	21.62	21.39	22	2	
3	16QAM	8	0	20.37	20.63	20.46			
3	16QAM	8	4	20.21	20.46	20.26			
3	16QAM	8	7	20.26	20.35	20.28	21	3	
3	16QAM	15	0	20.45	20.61	20.52			
3	64QAM	1	0	21.08	21.17	21.02			
3	64QAM	1	8	20.96	21.20	20.86	22	2	
3	64QAM	1	14	20.76	20.75	20.95			
3	64QAM	8	0	19.59	19.60	19.62			
3	64QAM	8	4	19.26	19.38	19.21	21	3	
3	64QAM	8	7	19.28	19.60	19.40			
3	64QAM	15	0	19.09	19.17	19.31			
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	22.53	22.43	22.35	24	0	
1.4	QPSK	1	3	22.03	22.33	22.21			
1.4	QPSK	1	5	22.40	22.31	22.44			
1.4	QPSK	3	0	22.31	22.53	22.50	23	1	
1.4	QPSK	3	1	22.14	22.35	22.11			
1.4	QPSK	3	3	22.33	22.45	22.38			
1.4	QPSK	6	0	21.55	21.78	21.31	23	1	
1.4	16QAM	1	0	21.62	21.75	21.41			
1.4	16QAM	1	3	21.71	21.87	21.55			
1.4	16QAM	1	5	21.51	21.72	21.41	23	1	
1.4	16QAM	3	0	21.61	21.75	21.45			
1.4	16QAM	3	1	21.66	21.64	21.56			
1.4	16QAM	3	3	21.73	21.63	21.30	22	2	
1.4	16QAM	6	0	20.36	20.57	20.45			
1.4	64QAM	1	0	20.31	20.49	20.36			
1.4	64QAM	1	3	20.33	20.65	20.36	22	2	
1.4	64QAM	1	5	20.42	20.58	20.44			
1.4	64QAM	3	0	20.45	20.70	20.47			
1.4	64QAM	3	1	20.33	20.57	20.47	21	3	
1.4	64QAM	3	3	20.37	20.58	20.48			
1.4	64QAM	6	0	19.24	19.25	19.16			

Band 14											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				23330	793						
Frequency (MHz)				793							
10	QPSK	1	0		22.75		24	0			
10	QPSK	1	25		21.87						
10	QPSK	1	49		22.68						
10	QPSK	25	0		21.95						
10	QPSK	25	12		21.87		23	1			
10	QPSK	25	25		21.83						
10	QPSK	50	0		21.83						
10	16QAM	1	0		22.12						
10	16QAM	1	25		21.94		23	1			
10	16QAM	1	49		21.84						
10	16QAM	25	0		20.83						
10	16QAM	25	12		20.52						
10	16QAM	25	25		20.48		22	2			
10	16QAM	50	0		20.79						
10	64QAM	1	0		21.19						
10	64QAM	1	25		21.21						
10	64QAM	1	49		20.96		22	2			
10	64QAM	25	0		19.84						
10	64QAM	25	12		19.38						
10	64QAM	25	25		19.65						
10	64QAM	50	0		19.33		21	3			
Channel				23305	23330	23355				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5					
5	QPSK	1	0	22.53	22.72	22.51				24	0
5	QPSK	1	12	22.34	22.49	22.38					
5	QPSK	1	24	22.50	22.69	22.47	23	1			
5	QPSK	12	0	21.92	21.93	21.81					
5	QPSK	12	7	21.67	21.79	21.54					
5	QPSK	12	13	21.89	21.85	21.69					
5	QPSK	25	0	21.78	21.85	21.67	23	1			
5	16QAM	1	0	21.77	22.06	21.92					
5	16QAM	1	12	21.69	21.87	21.66					
5	16QAM	1	24	21.62	21.89	21.58					
5	16QAM	12	0	20.56	20.81	20.53	22	2			
5	16QAM	12	7	20.43	20.51	20.51					
5	16QAM	12	13	20.32	20.43	20.35					
5	16QAM	25	0	20.62	20.77	20.63					
5	64QAM	1	0	21.21	21.22	21.17	22	2			
5	64QAM	1	12	21.13	21.26	21.11					
5	64QAM	1	24	20.82	20.99	20.82					
5	64QAM	12	0	19.74	19.87	19.61					
5	64QAM	12	7	19.45	19.38	19.38	21	3			
5	64QAM	12	13	19.53	19.66	19.52					
5	64QAM	25	0	19.26	19.30	19.37					

Band 17									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	22.33	22.52	22.31	24	0	
10	QPSK	1	25	22.14	22.29	22.18			
10	QPSK	1	49	22.30	22.49	22.27			
10	QPSK	25	0	21.72	21.73	21.61	23	1	
10	QPSK	25	12	21.47	21.59	21.34			
10	QPSK	25	25	21.69	21.65	21.49			
10	QPSK	50	0	21.58	21.65	21.47			
10	16QAM	1	0	21.57	21.86	21.72	23	1	
10	16QAM	1	25	21.49	21.67	21.46			
10	16QAM	1	49	21.42	21.69	21.38			
10	16QAM	25	0	20.36	20.61	20.33			
10	16QAM	25	12	20.23	20.31	20.31	22	2	
10	16QAM	25	25	20.12	20.23	20.15			
10	16QAM	50	0	20.42	20.57	20.43			
10	64QAM	1	0	21.01	21.02	20.97	22	2	
10	64QAM	1	25	20.93	21.06	20.91			
10	64QAM	1	49	20.62	20.79	20.62			
10	64QAM	25	0	19.54	19.67	19.41			
10	64QAM	25	12	19.25	19.18	19.18	21	3	
10	64QAM	25	25	19.33	19.46	19.32			
10	64QAM	50	0	19.06	19.10	19.17			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				708.5	710	713.5			
5	QPSK	1	0	22.35	22.49	22.34	24	0	
5	QPSK	1	12	22.17	22.31	22.15			
5	QPSK	1	24	22.26	22.50	22.29	23	1	
5	QPSK	12	0	21.77	21.77	21.60			
5	QPSK	12	7	21.44	21.61	21.37			
5	QPSK	12	13	21.65	21.62	21.50			
5	QPSK	25	0	21.62	21.60	21.52	23	1	
5	16QAM	1	0	21.61	21.83	21.75			
5	16QAM	1	12	21.46	21.65	21.42			
5	16QAM	1	24	21.44	21.66	21.43			
5	16QAM	12	0	20.40	20.60	20.35	22	2	
5	16QAM	12	7	20.26	20.33	20.32			
5	16QAM	12	13	20.13	20.23	20.12			
5	16QAM	25	0	20.44	20.57	20.46			
5	64QAM	1	0	21.04	21.00	20.97	22	2	
5	64QAM	1	12	20.90	21.09	20.96			
5	64QAM	1	24	20.63	20.77	20.65			
5	64QAM	12	0	19.54	19.66	19.44			
5	64QAM	12	7	19.21	19.18	19.22	21	3	
5	64QAM	12	13	19.34	19.45	19.34			
5	64QAM	25	0	19.05	19.06	19.14			

Band 25												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				26140	26340	26590						
Frequency (MHz)				1860	1880	1905						
20	QPSK	1	0	18.98	19.11	18.87	20	0				
20	QPSK	1	49	18.76	18.79	18.69						
20	QPSK	1	99	18.93	19.07	18.93						
20	QPSK	50	0	18.30	18.45	18.31						
20	QPSK	50	24	18.25	18.32	18.08	19	1				
20	QPSK	50	50	18.07	18.21	18.04						
20	QPSK	100	0	18.12	18.28	18.14						
20	16QAM	1	0	18.16	18.43	18.38						
20	16QAM	1	49	18.06	18.38	18.07	19	1				
20	16QAM	1	99	18.14	18.24	18.00						
20	16QAM	50	0	16.97	17.18	17.07						
20	16QAM	50	24	16.77	16.96	16.96						
20	16QAM	50	50	16.89	16.78	16.84	18	2				
20	16QAM	100	0	16.94	17.24	17.12						
20	64QAM	1	0	17.65	17.62	17.46						
20	64QAM	1	49	17.52	17.63	17.56						
20	64QAM	1	99	17.15	17.26	17.20	18	2				
20	64QAM	50	0	15.98	16.08	16.03						
20	64QAM	50	24	15.75	15.99	15.73						
20	64QAM	50	50	15.80	16.12	15.95						
20	64QAM	100	0	15.68	15.78	15.83	17	3				
Channel				26115	26340	26615				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1907.5						
15	QPSK	1	0	18.77	18.85	18.60				20	0	
15	QPSK	1	37	18.39	18.68	18.50						
15	QPSK	1	74	18.81	18.80	18.77						
15	QPSK	36	0	18.16	18.17	18.06						
15	QPSK	36	20	17.97	18.16	17.84	19	1				
15	QPSK	36	39	17.89	18.03	17.72						
15	QPSK	75	0	18.05	18.06	17.94						
15	16QAM	1	0	17.94	18.22	18.16						
15	16QAM	1	37	18.00	18.10	17.96	19	1				
15	16QAM	1	74	17.93	18.09	17.83						
15	16QAM	36	0	16.85	16.96	16.73						
15	16QAM	36	20	16.67	16.79	16.71						
15	16QAM	36	39	16.54	16.67	16.47	18	2				
15	16QAM	75	0	16.74	16.98	16.78						
15	64QAM	1	0	17.49	17.45	17.40						
15	64QAM	1	37	17.27	17.37	17.31						
15	64QAM	1	74	17.01	17.22	17.11	18	2				
15	64QAM	36	0	15.92	16.05	15.81						
15	64QAM	36	20	15.61	15.79	15.63						
15	64QAM	36	39	15.60	15.87	15.81						
15	64QAM	75	0	15.43	15.54	15.51	17	3				
Channel				26090	26340	26640				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1910						
10	QPSK	1	0	18.75	18.91	18.63				20	0	
10	QPSK	1	25	18.49	18.67	18.51						
10	QPSK	1	49	18.68	18.75	18.78						
10	QPSK	25	0	18.16	18.17	18.16						
10	QPSK	25	12	18.04	18.03	17.93	19	1				
10	QPSK	25	25	17.99	18.13	17.87						
10	QPSK	50	0	18.08	17.91	17.77						
10	16QAM	1	0	18.05	18.19	18.13						
10	16QAM	1	25	17.97	18.11	17.94	19	1				
10	16QAM	1	49	17.82	17.98	17.72						
10	16QAM	25	0	16.85	16.87	16.84						
10	16QAM	25	12	16.63	16.81	16.67						
10	16QAM	25	25	16.52	16.73	16.51	18	2				
10	16QAM	50	0	16.75	16.97	16.82						
10	64QAM	1	0	17.48	17.46	17.28						
10	64QAM	1	25	17.28	17.35	17.34						
10	64QAM	1	49	17.11	17.25	17.05	18	2				
10	64QAM	25	0	15.84	15.98	15.93						
10	64QAM	25	12	15.60	15.74	15.66						
10	64QAM	25	25	15.65	15.78	15.82						
10	64QAM	50	0	15.43	15.38	15.62	17	3				
Channel				26065	26340	26625				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1912.5						
5	QPSK	1	0	18.67	18.88	18.63				20	0	
5	QPSK	1	12	18.45	18.71	18.44						
5	QPSK	1	24	18.74	18.84	18.80						
5	QPSK	12	0	18.22	18.12	18.04						
5	QPSK	12	7	17.99	18.07	17.78	19	1				
5	QPSK	12	13	17.91	18.01	17.72						
5	QPSK	25	0	18.01	18.10	17.88						
5	16QAM	1	0	17.93	18.04	18.17						
5	16QAM	1	12	18.03	18.16	18.14	19	1				
5	16QAM	1	24	17.90	18.04	17.73						
5	16QAM	12	0	16.72	17.00	16.78						
5	16QAM	12	7	16.52	16.80	16.70						
5	16QAM	12	13	16.61	16.63	16.57	18	2				
5	16QAM	25	0	16.75	17.06	16.94						
5	64QAM	1	0	17.49	17.41	17.37						
5	64QAM	1	12	17.20	17.27	17.28						
5	64QAM	1	24	17.01	17.23	17.23	18	2				
5	64QAM	12	0	15.89	16.03	15.91						
5	64QAM	12	7	15.56	15.81	15.59						
5	64QAM	12	13	15.62	15.78	15.82						
5	64QAM	25	0	15.44	15.55	15.51	17	3				
Channel				26055	26340	26675				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1913.5						
3	QPSK	1	0	18.70	18.93	18.72				20	0	
3	QPSK	1	8	18.43	18.64	18.50						
3	QPSK	1	14	18.80	18.88	18.86						
3	QPSK	8	0	18.08	18.18	18.16						
3	QPSK	8	7	18.00	18.12	17.83	19	1				
3	QPSK	8	7	17.87	18.07	17.70						
3	QPSK	15	0	17.98	18.08	17.82						
3	16QAM	1	0	18.04	18.06	18.08						
3	16QAM	1	8	17.89	18.02	17.92	19	1				
3	16QAM	1	14	17.78	18.09	17.82						
3	16QAM	8	0	16.77	17.01	16.76						
3	16QAM	8	4	16.54	16.84	16.68						
3	16QAM	8	7	16.65	16.66	16.53	18	2				
3	16QAM	15	0	16.85	16.95	16.83						
3	64QAM	1	0	17.40	17.47	17.40						
3	64QAM	1	8	17.23	17.27	17.29						
3	64QAM	1	14	17.07	17.11	17.00	18	2				
3	64QAM	8	0	15.90	15.90	15.92						
3	64QAM	8	4	15.66	15.80	15.66						
3	64QAM	8	7	15.59	15.85	15.72						
3	64QAM	15	0	15.44	15.42	15.57	17	3				
Channel				26047	26340	26683				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1914.3						
1.4	QPSK	1	0	18.78	18.88	18.62				20	0	
1.4	QPSK	1	3	18.24	18.62	18.20						
1.4	QPSK	1	5	18.62	18.57	18.61						
1.4	QPSK	3	0	18.70	18.75	18.70						
1.4	QPSK	3	1	18.53	18.59	18.32	19	1				
1.4	QPSK	3	3	18.56	18.80	18.71						
1.4	QPSK	6	0	17.85	17.91	17.66						
1.4	16QAM	1	0	17.91	18.02	17.76						
1.4	16QAM	1	3	17.97	18.03	17.67	19	1				
1.4	16QAM	1	5	17.82	18.03	17.81						
1.4	16QAM	3	0	17.87	18.06	17.72						
1.4	16QAM	3	1	17.90	17.96	17.69						
1.4	16QAM	3	3	18.02	17.98	17.67	18	2				
1.4	16QAM	6	0	16.67	16.93	16.81						
1.4	64QAM	1	0	16.60	16.89	16.52						
1.4	64QAM	1	3	16.52	16.93	16.68						
1.4	64QAM	1	5	16.65	16.89	16.64	18	2				
1.4	64QAM	3	0	16.74	16.91	16.63						
1.4	64QAM	3	1	16.56	16.92	16.74						
1.4	64QAM	3	3	16.58	16.76	16.74						
1.4	64QAM	6	0	15.87	15.54	15.31	17	3				

Band 26 for FCC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	22.89	23.04	22.83			
15	QPSK	1	37	22.61	22.79	22.63	24	0	
15	QPSK	1	74	22.93	23.00	22.97			
15	QPSK	36	0	22.25	22.37	22.26			
15	QPSK	36	20	22.08	22.20	22.00	23	1	
15	QPSK	36	39	22.11	22.28	21.93			
15	QPSK	75	0	22.11	22.20	22.01			
15	16QAM	1	0	22.16	22.29	22.28			
15	16QAM	1	37	22.14	22.22	22.10	23	1	
15	16QAM	1	74	22.07	22.14	21.88			
15	16QAM	36	0	20.93	21.02	20.99			
15	16QAM	36	20	20.73	20.94	20.84			
15	16QAM	36	39	20.67	20.79	20.76	22	2	
15	16QAM	75	0	20.95	21.09	21.04			
15	64QAM	1	0	21.59	21.62	21.52			
15	64QAM	1	37	21.35	21.52	21.49	22	2	
15	64QAM	1	74	21.22	21.28	21.19			
15	64QAM	36	0	20.02	20.10	20.02			
15	64QAM	36	20	19.80	19.91	19.77	21	3	
15	64QAM	36	39	19.80	20.01	19.91			
15	64QAM	75	0	19.84	19.66	19.79			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	22.70	22.84	22.67			
10	QPSK	1	25	22.40	22.59	22.44	24	0	
10	QPSK	1	49	22.67	22.73	22.73			
10	QPSK	25	0	22.06	22.14	22.04			
10	QPSK	25	12	21.89	22.02	21.80	23	1	
10	QPSK	25	25	21.92	22.01	21.71			
10	QPSK	50	0	21.94	21.94	21.81			
10	16QAM	1	0	21.98	22.12	22.07			
10	16QAM	1	25	21.87	22.00	21.85	23	1	
10	16QAM	1	49	21.86	21.91	21.69			
10	16QAM	25	0	20.75	20.94	20.75			
10	16QAM	25	12	20.49	20.72	20.62	22	2	
10	16QAM	25	25	20.50	20.56	20.47			
10	16QAM	50	0	20.73	20.89	20.86			
10	64QAM	1	0	21.41	21.44	21.30			
10	64QAM	1	25	21.18	21.33	21.30	22	2	
10	64QAM	1	49	21.04	21.07	20.94			
10	64QAM	25	0	19.76	19.89	19.82			
10	64QAM	25	12	19.61	19.70	19.58	21	3	
10	64QAM	25	25	19.67	19.79	19.75			
10	64QAM	50	0	19.41	19.41	19.50			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	22.72	22.82	22.68			
5	QPSK	1	12	22.43	22.61	22.45	24	0	
5	QPSK	1	24	22.68	22.81	22.73			
5	QPSK	12	0	22.12	22.20	22.09			
5	QPSK	12	7	21.87	22.01	21.86	23	1	
5	QPSK	12	13	21.91	22.03	21.70			
5	QPSK	25	0	21.90	21.98	21.79			
5	16QAM	1	0	21.94	22.13	22.05			
5	16QAM	1	12	21.93	22.02	21.86	23	1	
5	16QAM	1	24	21.78	21.94	21.66			
5	16QAM	12	0	20.71	20.97	20.72			
5	16QAM	12	7	20.50	20.74	20.58	22	2	
5	16QAM	12	13	20.50	20.59	20.52			
5	16QAM	25	0	20.80	20.97	20.82			
5	64QAM	1	0	21.38	21.44	21.27	22	2	
5	64QAM	1	12	21.19	21.30	21.34			
5	64QAM	1	24	21.02	21.08	20.99			
5	64QAM	12	0	19.77	19.96	19.80			
5	64QAM	12	7	19.61	19.69	19.50	21	3	
5	64QAM	12	13	19.65	19.88	19.78			
5	64QAM	25	0	19.37	19.45	19.52			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	22.74	22.83	22.66			
3	QPSK	1	8	22.37	22.55	22.41	24	0	
3	QPSK	1	14	22.74	22.77	22.78			
3	QPSK	8	0	22.09	22.14	22.05			
3	QPSK	8	4	21.93	22.03	21.86	23	1	
3	QPSK	8	7	21.93	22.03	21.75			
3	QPSK	15	0	21.91	21.98	21.82			
3	16QAM	1	0	21.97	22.09	22.07			
3	16QAM	1	8	21.94	22.10	21.90	23	1	
3	16QAM	1	14	21.83	21.96	21.73			
3	16QAM	8	0	20.88	20.99	20.71			
3	16QAM	8	4	20.55	20.73	20.63	22	2	
3	16QAM	8	7	20.50	20.61	20.50			
3	16QAM	15	0	20.75	20.95	20.85			
3	64QAM	1	0	21.33	21.41	21.30			
3	64QAM	1	8	21.22	21.28	21.27	22	2	
3	64QAM	1	14	20.99	21.06	20.99			
3	64QAM	8	0	19.81	19.96	19.83			
3	64QAM	8	4	19.55	19.75	19.53	21	3	
3	64QAM	8	7	19.60	19.83	19.76			
3	64QAM	15	0	19.36	19.43	19.56			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	22.65	22.64	22.54			
1.4	QPSK	1	3	22.24	22.56	22.21	24	0	
1.4	QPSK	1	5	22.53	22.63	22.64			
1.4	QPSK	3	0	22.53	22.74	22.61			
1.4	QPSK	3	1	22.24	22.57	22.24			
1.4	QPSK	3	3	22.54	22.69	22.61			
1.4	QPSK	6	0	21.86	21.94	21.54	23	1	
1.4	16QAM	1	0	21.91	21.94	21.67			
1.4	16QAM	1	3	21.88	21.96	21.74			
1.4	16QAM	1	5	21.82	21.94	21.57	23	1	
1.4	16QAM	3	0	21.77	21.98	21.76			
1.4	16QAM	3	1	21.85	21.99	21.67			
1.4	16QAM	3	3	21.87	21.85	21.54			
1.4	16QAM	6	0	20.61	20.81	20.74	22	2	
1.4	64QAM	1	0	20.46	20.71	20.51			
1.4	64QAM	1	3	20.58	20.91	20.56			
1.4	64QAM	1	5	20.65	20.77	20.67			
1.4	64QAM	3	0	20.67	20.92	20.70	22	2	
1.4	64QAM	3	1	20.53	20.85	20.71			
1.4	64QAM	3	3	20.58	20.79	20.64			
1.4	64QAM	6	0	19.47	19.46	19.33	21	3	

Band 66									
BW [MHz]	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	20.87	20.95	20.83			
20	QPSK	1	49	20.53	20.75	20.58	22	0	
20	QPSK	1	99	20.80	20.95	20.83			
20	QPSK	50	0	20.16	20.34	20.20			
20	QPSK	50	24	20.12	20.19	19.97	21	1	
20	QPSK	50	50	20.13	20.11	19.94			
20	QPSK	100	0	19.95	20.21	20.09			
20	16QAM	1	0	20.12	20.29	20.16			
20	16QAM	1	49	20.04	20.10	20.04	21	1	
20	16QAM	1	99	20.00	20.07	19.80			
20	16QAM	50	0	18.99	19.06	18.97			
20	16QAM	50	24	18.63	18.95	18.80	20	2	
20	16QAM	50	50	18.72	18.69	18.72			
20	16QAM	100	0	18.82	19.03	19.11			
20	64QAM	1	0	19.49	19.47	19.57			
20	64QAM	1	49	19.19	19.50	19.51	20	2	
20	64QAM	1	99	19.17	19.28	19.13			
20	64QAM	50	0	17.94	18.11	18.07			
20	64QAM	50	24	17.69	17.92	17.76	19	3	
20	64QAM	50	50	17.76	18.09	17.85			
20	64QAM	100	0	17.61	17.59	17.75			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	20.67	20.78	20.46			
15	QPSK	1	37	20.30	20.55	20.32	22	0	
15	QPSK	1	74	20.58	20.75	20.65			
15	QPSK	36	0	19.99	20.02	20.01			
15	QPSK	36	20	19.81	19.86	19.73	21	1	
15	QPSK	36	39	19.83	19.90	19.59			
15	QPSK	75	0	19.78	19.95	19.71			
15	16QAM	1	0	19.85	19.97	20.01			
15	16QAM	1	37	19.83	19.89	19.75	21	1	
15	16QAM	1	74	19.81	19.83	19.62			
15	16QAM	36	0	18.61	18.70	18.73			
15	16QAM	36	20	18.39	18.60	18.50	20	2	
15	16QAM	36	39	18.38	18.45	18.49			
15	16QAM	75	0	18.66	18.80	18.76			
15	64QAM	1	0	19.23	19.28	19.29			
15	64QAM	1	37	18.97	19.23	19.19	20	2	
15	64QAM	1	74	18.95	18.96	18.90			
15	64QAM	36	0	17.68	17.83	17.76	19	3	
15	64QAM	36	20	17.48	17.62	17.47			
15	64QAM	36	39	17.46	17.78	17.54			
15	64QAM	75	0	17.26	17.38	17.42			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	20.62	20.81	20.49			
10	QPSK	1	25	20.33	20.53	20.40	22	0	
10	QPSK	1	49	20.64	20.79	20.68			
10	QPSK	25	0	19.99	19.97	19.94			
10	QPSK	25	12	19.83	19.89	19.75	21	1	
10	QPSK	25	25	19.76	19.91	19.59			
10	QPSK	50	0	19.78	19.98	19.74			
10	16QAM	1	0	19.84	20.01	20.01			
10	16QAM	1	25	19.81	19.86	19.84	21	1	
10	16QAM	1	49	19.81	19.83	19.54			
10	16QAM	25	0	18.69	18.72	18.67			
10	16QAM	25	12	18.40	18.63	18.52	20	2	
10	16QAM	25	25	18.43	18.51	18.45			
10	16QAM	50	0	18.63	18.63	18.64			
10	64QAM	1	0	19.28	19.29	19.20	20	2	
10	64QAM	1	25	19.03	19.26	19.22			
10	64QAM	1	49	18.96	18.99	18.88			
10	64QAM	25	0	17.66	17.84	17.75	19	3	
10	64QAM	25	12	17.49	17.65	17.39			
10	64QAM	25	25	17.41	17.75	17.62			
10	64QAM	50	0	17.30	17.31	17.46			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.5	1745	1777.5			
5	QPSK	1	0	20.50	20.71	20.49			
5	QPSK	1	12	20.38	20.55	20.35	22	0	
5	QPSK	1	24	20.61	20.72	20.62			
5	QPSK	12	0	19.93	20.04	19.94			
5	QPSK	12	7	19.83	19.82	19.69	21	1	
5	QPSK	12	13	19.76	19.94	19.63			
5	QPSK	25	0	19.79	19.93	19.79			
5	16QAM	1	0	19.86	19.99	20.02			
5	16QAM	1	12	19.84	19.83	19.83	21	1	
5	16QAM	1	24	19.84	19.83	19.61			
5	16QAM	12	0	18.65	18.75	18.71			
5	16QAM	12	7	18.44	18.63	18.49	20	2	
5	16QAM	12	13	18.37	18.48	18.40			
5	16QAM	25	0	18.62	18.79	18.75			
5	64QAM	1	0	19.32	19.26	19.21			
5	64QAM	1	12	18.99	19.31	19.20	20	2	
5	64QAM	1	24	19.01	19.96	18.84			
5	64QAM	12	0	17.73	17.63	17.73	19	3	
5	64QAM	12	7	17.45	17.68	17.43			
5	64QAM	12	13	17.47	17.79	17.54			
5	64QAM	25	0	17.33	17.34	17.45			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	20.67	20.82	20.47			
3	QPSK	1	8	20.35	20.50	20.32	22	0	
3	QPSK	1	14	20.64	20.71	20.66			
3	QPSK	8	0	20.02	20.00	20.02			
3	QPSK	8	4	19.80	19.82	19.75	21	1	
3	QPSK	8	7	19.83	19.96	19.56			
3	QPSK	16	0	19.82	19.93	19.73			
3	16QAM	1	0	19.85	20.00	19.94			
3	16QAM	1	8	19.80	19.82	19.85	21	1	
3	16QAM	1	14	19.78	19.83	19.59			
3	16QAM	8	0	18.70	18.71	18.67			
3	16QAM	8	4	18.46	18.60	18.45	20	2	
3	16QAM	8	7	18.38	18.48	18.43			
3	16QAM	15	0	18.61	18.59	19.77			
3	64QAM	1	0	19.25	19.32	19.20			
3	64QAM	1	8	19.06	19.23	19.21	20	2	
3	64QAM	1	14	18.97	18.99	18.84			
3	64QAM	8	0	17.71	17.86	17.75			
3	64QAM	8	4	17.44	17.62	17.41	19	3	
3	64QAM	8	7	17.45	17.72	17.56			
3	64QAM	15	0	17.24	17.40	17.47			
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1778.3			
1.4	QPSK	1	0	20.53	20.51	20.52			
1.4	QPSK	1	3	20.43	20.13	20.13	22	0	
1.4	QPSK	1	5	20.43	20.56	20.49			
1.4	QPSK	3	0	20.43	20.63	20.43			
1.4	QPSK	3	3	20.15	20.49	20.17			
1.4	QPSK	3	3	20.36	20.57	20.46			
1.4	QPSK	6	0	19.75	19.86	19.46	21	1	
1.4	16QAM	1	0	19.78	19.85	19.48			
1.4	16QAM	1	3	19.81	19.79	19.56			
1.4	16QAM	1	5	19.80	19.81	19.50	21	1	
1.4	16QAM	3	0	19.68	19.84	19.73			
1.4	16QAM	3	1	19.71	19.80	19.59			
1.4	16QAM	3	3	19.75	19.77	19.39			
1.4	16QAM	6	0	18.52	18.71	18.64	20	2	
1.4	64QAM	1	0	18.33	18.64	18.39			
1.4	64QAM	1	3	18.40	18.77	18.48			
1.4	64QAM	1	5	18.55	18.68	18.58	20	2	
1.4	64QAM	3	0	18.57	18.62	18.66			
1.4	64QAM	3	1	18.42	18.75	18.66			
1.4	64QAM	3	3	18.40	18.67	18.61			
1.4	64QAM	6	0	17.38	17.37	17.22	19	3	

Band 38									
BW [MHz]	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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	20.67	20.75	20.72	22	0	
20	QPSK	1	49	20.38	20.44	20.41			
20	QPSK	1	99	20.61	20.71	20.67			
20	QPSK	50	0	19.98	20.02	19.94	21	1	
20	QPSK	50	24	19.76	19.95	19.74			
20	QPSK	50	50	19.76	19.86	19.59			
20	QPSK	100	0	19.79	19.91	19.71	21	1	
20	16QAM	1	0	19.88	19.94	19.97			
20	16QAM	1	49	19.83	19.83	19.80			
20	16QAM	1	99	19.85	19.81	19.59	20	2	
20	16QAM	50	0	18.63	18.78	18.79			
20	16QAM	50	24	18.43	18.62	18.51			
20	16QAM	50	50	18.39	18.44	18.37	20	2	
20	16QAM	100	0	18.62	18.84	18.80			
20	64QAM	1	0	19.28	19.24	19.24			
20	64QAM	1	49	18.96	19.33	19.24	20	2	
20	64QAM	1	99	18.92	18.93	18.88			
20	64QAM	50	0	17.70	17.83	17.71			
20	64QAM	50	24	17.46	17.68	17.45	19	3	
20	64QAM	50	50	17.42	17.80	17.63			
20	64QAM	100	0	17.29	17.40	17.53			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	20.45	20.58	20.51	22	0	
15	QPSK	1	37	20.12	20.32	20.26			
15	QPSK	1	74	20.39	20.54	20.46			
15	QPSK	36	0	19.77	19.83	19.71	21	1	
15	QPSK	36	20	19.60	19.73	19.51			
15	QPSK	36	39	19.62	19.73	19.34			
15	QPSK	75	0	19.56	19.74	19.55	21	1	
15	16QAM	1	0	19.73	19.78	19.80			
15	16QAM	1	37	19.60	19.65	19.62			
15	16QAM	1	74	19.62	19.62	19.37	20	2	
15	16QAM	36	0	18.47	18.56	18.54			
15	16QAM	36	20	18.26	18.46	18.29			
15	16QAM	36	39	18.20	18.28	18.18	20	2	
15	16QAM	75	0	18.45	18.67	18.59			
15	64QAM	1	0	19.08	19.06	19.07			
15	64QAM	1	37	18.79	19.13	18.99	20	2	
15	64QAM	1	74	18.73	18.64	18.65			
15	64QAM	36	0	17.44	17.59	17.51			
15	64QAM	36	20	17.21	17.41	17.21	19	3	
15	64QAM	36	39	17.29	17.54	17.40			
15	64QAM	75	0	17.13	17.18	17.32			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	20.47	20.62	20.45	22	0	
10	QPSK	1	25	20.14	20.25	20.25			
10	QPSK	1	49	20.45	20.52	20.43			
10	QPSK	25	0	19.71	19.86	19.78	21	1	
10	QPSK	25	12	19.60	19.67	19.46			
10	QPSK	25	25	19.56	19.73	19.40			
10	QPSK	50	0	19.59	19.70	19.56	21	1	
10	16QAM	1	0	19.66	19.77	19.81			
10	16QAM	1	25	19.61	19.66	19.66			
10	16QAM	1	49	19.64	19.68	19.36	20	2	
10	16QAM	25	0	18.49	18.58	18.51			
10	16QAM	25	12	18.19	18.45	18.25			
10	16QAM	25	25	18.18	18.27	18.22	20	2	
10	16QAM	50	0	18.40	18.60	18.61			
10	64QAM	1	0	19.07	19.10	19.12			
10	64QAM	1	25	18.83	19.14	19.02	20	2	
10	64QAM	1	49	18.68	18.66	18.70			
10	64QAM	25	0	17.47	17.61	17.53			
10	64QAM	25	12	17.18	17.40	17.25	19	3	
10	64QAM	25	25	17.21	17.55	17.34			
10	64QAM	50	0	17.12	17.14	17.34			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	20.47	20.58	20.45	22	0	
5	QPSK	1	12	20.15	20.30	20.23			
5	QPSK	1	24	20.38	20.58	20.42			
5	QPSK	12	0	19.75	19.83	19.70	21	1	
5	QPSK	12	7	19.56	19.67	19.50			
5	QPSK	12	13	19.63	19.75	19.40			
5	QPSK	25	0	19.57	19.75	19.50	21	1	
5	16QAM	1	0	19.71	19.80	19.79			
5	16QAM	1	12	19.58	19.67	19.63			
5	16QAM	1	24	19.67	19.60	19.37	20	2	
5	16QAM	12	0	18.46	18.53	18.53			
5	16QAM	12	7	18.22	18.42	18.33			
5	16QAM	12	13	18.23	18.26	18.19	20	2	
5	16QAM	25	0	18.43	18.63	18.64			
5	64QAM	1	0	19.12	19.06	19.05			
5	64QAM	1	12	18.75	19.08	18.96	20	2	
5	64QAM	1	24	18.76	18.71	18.71			
5	64QAM	12	0	17.47	17.60	17.54			
5	64QAM	12	7	17.24	17.41	17.26	19	3	
5	64QAM	12	13	17.25	17.58	17.33			
5	64QAM	25	0	17.13	17.14	17.32			

Band 41										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.78	20.61	20.79	20.45	20.73	22	0
20	QPSK	1	49	20.43	20.39	20.42	20.50	20.45		
20	QPSK	1	99	20.59	20.58	20.52	20.58	20.64		
20	QPSK	50	0	19.92	19.88	19.95	19.84	19.88	21	1
20	QPSK	50	24	19.77	19.68	19.64	19.78	19.66		
20	QPSK	50	50	19.79	19.48	19.69	19.82	19.48		
20	QPSK	100	0	19.76	19.72	19.89	19.85	19.57	21	1
20	16QAM	1	0	19.85	19.89	19.71	19.86	19.92		
20	16QAM	1	49	19.75	19.79	19.72	19.78	19.81		
20	16QAM	1	99	19.72	19.45	19.82	19.78	19.55	20	2
20	16QAM	50	0	18.89	18.60	18.51	18.69	18.66		
20	16QAM	50	24	18.58	18.36	18.30	18.58	18.46		
20	16QAM	50	50	18.44	18.39	18.28	18.39	18.36	20	2
20	16QAM	100	0	18.73	18.74	18.53	18.79	18.71		
20	64QAM	1	0	19.23	19.22	19.24	19.21	19.22		
20	64QAM	1	49	19.23	19.16	18.95	19.21	19.09	20	2
20	64QAM	1	99	18.79	18.79	18.80	18.81	18.82		
20	64QAM	50	0	17.78	17.68	17.63	17.76	17.69		
20	64QAM	50	24	17.56	17.36	17.29	17.48	17.30	19	3
20	64QAM	50	50	17.76	17.46	17.42	17.62	17.44		
20	64QAM	100	0	17.34	17.43	17.18	17.32	17.39		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2692.5		
15	QPSK	1	0	20.63	20.46	20.72	20.31	20.30	22	0
15	QPSK	1	37	20.27	20.30	20.34	20.30	20.34		
15	QPSK	1	74	20.51	20.38	20.38	20.49	20.45		
15	QPSK	36	0	19.77	19.74	19.80	19.73	19.75	21	1
15	QPSK	36	20	19.67	19.57	19.56	19.65	19.51		
15	QPSK	36	39	19.70	19.33	19.58	19.72	19.37		
15	QPSK	75	0	19.74	19.60	19.69	19.71	19.50	21	1
15	16QAM	1	0	19.81	19.80	19.60	19.74	19.73		
15	16QAM	1	37	19.82	19.71	19.65	19.65	19.64		
15	16QAM	1	74	19.68	19.33	19.62	19.66	19.46	20	2
15	16QAM	36	0	18.58	18.49	18.42	18.53	18.55		
15	16QAM	36	20	18.49	18.26	18.19	18.44	18.36		
15	16QAM	36	39	18.23	18.19	18.22	18.30	18.24	20	2
15	16QAM	75	0	18.63	18.68	18.40	18.63	18.64		
15	64QAM	1	0	19.12	19.07	19.07	19.09	19.10		
15	64QAM	1	37	19.09	19.00	18.80	19.13	19.03	20	2
15	64QAM	1	74	18.86	18.71	18.66	18.67	18.66		
15	64QAM	36	0	17.65	17.56	17.49	17.59	17.57		
15	64QAM	36	20	17.46	17.19	17.26	17.38	17.22	19	3
15	64QAM	36	39	17.57	17.38	17.27	17.53	17.39		
15	64QAM	75	0	17.23	17.35	17.07	17.16	17.29		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.65	20.47	20.70	20.37	20.31	22	0
10	QPSK	1	25	20.33	20.27	20.40	20.34	20.34		
10	QPSK	1	49	20.52	20.39	20.39	20.52	20.46		
10	QPSK	25	0	19.83	19.79	19.83	19.81	19.71	21	1
10	QPSK	25	12	19.66	19.57	19.56	19.70	19.55		
10	QPSK	25	25	19.70	19.37	19.58	19.77	19.34		
10	QPSK	50	0	19.74	19.56	19.79	19.67	19.50	21	1
10	16QAM	1	0	19.82	19.81	19.62	19.83	19.80		
10	16QAM	25	1	19.64	19.70	19.65	19.58	19.64		
10	16QAM	1	49	19.64	19.36	19.71	19.71	19.38	20	2
10	16QAM	25	0	18.52	18.56	18.39	18.55	18.53		
10	16QAM	25	12	18.50	19.21	18.19	18.45	18.35		
10	16QAM	25	25	18.28	18.25	18.20	18.24	18.23	20	2
10	16QAM	50	0	18.60	18.63	18.42	18.61	18.61		
10	64QAM	1	0	19.12	19.05	19.05	19.11	19.08		
10	64QAM	1	25	19.04	18.98	18.78	19.12	19.02	20	2
10	64QAM	1	49	18.71	18.67	18.72	18.73	18.69		
10	64QAM	25	0	17.64	17.63	17.51	17.56	17.56		
10	64QAM	25	12	17.46	17.27	17.25	17.38	17.22	19	3
10	64QAM	25	25	17.59	17.36	17.30	17.59	17.34		
10	64QAM	50	0	17.24	17.34	17.09	17.13	17.33		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2543.3	2593	2640.3	2697.5		
5	QPSK	1	0	20.65	20.45	20.72	20.32	20.29	22	0
5	QPSK	1	12	20.34	20.27	20.37	20.33	20.36		
5	QPSK	1	24	20.55	20.46	20.44	20.49	20.45		
5	QPSK	12	0	19.75	19.74	19.78	19.75	19.71	21	1
5	QPSK	12	7	19.68	19.57	19.57	19.70	19.54		
5	QPSK	12	13	19.63	19.32	19.58	19.75	19.40		
5	QPSK	25	0	19.67	19.60	19.77	19.70	19.54	21	1
5	16QAM	1	0	19.75	19.79	19.67	19.81	19.77		
5	16QAM	1	12	19.63	19.73	19.63	19.63	19.66		
5	16QAM	1	24	19.65	19.34	19.64	19.72	19.38	20	2
5	16QAM	12	0	18.56	18.55	18.47	18.54	18.55		
5	16QAM	12	7	18.45	18.25	18.26	18.46	18.36		
5	16QAM	12	13	18.32	18.25	18.19	18.29	18.22	20	2
5	16QAM	25	0	18.64	18.60	18.47	18.66	18.60		
5	64QAM	1	0	19.10	19.03	19.06	19.10	19.06		
5	64QAM	1	12	19.11	19.09	19.78	19.09	19.00	20	2
5	64QAM	1	24	18.74	18.67	18.73	18.69	18.71		
5	64QAM	12	0	17.66	17.59	17.50	17.64	17.57		
5	64QAM	12	7	17.45	17.22	17.19	17.37	17.23	19	3
5	64QAM	12	13	17.64	17.34	17.28	17.57	17.36		
5	64QAM	25	0	17.23	17.38	17.08	17.16	17.31		

<2.4GHz WLAN>

	Mode	Channel	Frequenc y (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	16.89	18.50	98.60
		6	2437	15.57	17.00	
		11	2462	16.87	18.50	
	802.11g 6Mbps	1	2412	15.02	18.50	98.59
		6	2437	13.91	15.50	
		11	2462	14.97	16.50	
	802.11n-HT20 MCS0	1	2412	14.02	15.50	97.75
		6	2437	12.99	14.50	
		11	2462	14.13	15.50	
	802.11n-HT40 MCS0	3	2422	11.99	13.50	94.85
		6	2437	13.31	15.00	
		9	2452	13.68	15.00	

<5.2GHz WLAN>

	Mode	Channel	Frequenc y (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	15.44	17.00	98.25
		40	5200	15.29	16.50	
		44	5220	15.17	16.50	
	802.11n-HT20 MCS0	48	5240	14.84	16.50	98.11
		36	5180	13.65	15.00	
		40	5200	13.52	15.00	
	802.11n-HT40 MCS0	44	5220	13.64	15.00	96.24
		48	5240	13.48	15.00	
		38	5190	13.90	15.50	
	802.11ac-VHT20 MCS0	46	5230	13.92	15.50	98.13
		36	5180	15.33	17.00	
		40	5200	15.07	16.50	
	802.11ac-VHT40 MCS0	44	5220	14.98	16.50	96.27
		48	5240	14.66	16.00	
		38	5190	13.94	15.50	
	802.11ac-VHT80 MCS0	46	5230	13.99	15.50	93.24
		42	5210	11.78	13.00	
		42	5210	11.78	13.00	

<5.3GHz WLAN>

	Mode	Channel	Frequenc y (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	14.79	16.00	98.25
		56	5280	14.72	16.00	
		60	5300	15.00	16.50	
		64	5320	14.91	16.50	
	802.11n-HT20 MCS0	52	5260	13.42	15.00	98.11
		56	5280	13.30	15.00	
		60	5300	13.19	15.00	
		64	5320	12.99	14.50	
	802.11n-HT40 MCS0	54	5270	13.95	15.00	96.24
		62	5310	13.19	14.50	
		52	5260	14.58	16.00	
		56	5280	14.44	16.00	
	802.11ac-VHT20 MCS0	60	5300	14.70	16.00	98.13
		64	5320	14.61	16.00	
		54	5270	13.72	15.00	
		62	5310	13.30	15.00	
	802.11ac-VHT40 MCS0	58	5290	11.33	13.00	93.24
		58	5290	11.33	13.00	
		58	5290	11.33	13.00	
		58	5290	11.33	13.00	

<5.8GHz WLAN>

	Mode	Channel	Frequenc y (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	100	5500	14.49	16.00	98.25
		116	5580	14.53	16.00	
		132	5660	14.16	16.00	
		140	5700	14.07	15.50	
	802.11n-HT20 MCS0	100	5500	12.66	14.00	98.11
		116	5580	12.96	14.50	
		132	5660	12.76	14.00	
		140	5700	12.29	14.00	
	802.11n-HT40 MCS0	102	5510	12.81	14.50	96.24
		110	5550	13.13	14.50	
		134	5670	13.05	14.50	
		100	5500	14.33	16.00	
	802.11ac-VHT20 MCS0	116	5580	14.30	16.00	98.13
		132	5660	13.93	15.50	
		140	5700	13.96	15.50	
		102	5510	12.84	14.50	
	802.11ac-VHT40 MCS0	110	5550	13.17	14.50	96.27
		134	5670	13.08	14.50	
		106	5530	11.28	13.00	
		106	5530	11.28	13.00	

<5.8GHz WLAN>

	Mode	Channel	Frequenc y (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	14.31	16.00	98.25
		157	5785	14.54	16.00	
		165	5825	14.85	16.00	
	802.11n-HT20 MCS0	149	5745	12.76	14.00	98.11
		157	5785	12.84	14.50	
		165	5825	12.68	14.00	
	802.11n-HT40 MCS0	151	5755	13.22	15.00	96.24
		159	5795	12.90	14.50	
		149	5745	14.17	15.50	
	802.11ac-VHT20 MCS0	157	5785	14.39	16.00	98.13
		165	5825	14.63	16.00	
		151	5755	13.23	14.50	
	802.11ac-VHT40 MCS0	159	5795	12.97	14.50	96.27
		155	5775	11.23	13.00	
		155	5775	11.23	13.00	

<Bluetooth>

Mode	Channel	Frequenc y (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	8.76	7.26	7.70
	CH 39	2441	9.73	7.91	7.26
	CH 76	2480	10.37	7.87	8.30
	Tune-up Limit		11	9	9

BT BLE

Mode	Channel	Frequenc y (MHz)	Average power (dBm)	
			GFSK	
LE	CH 00	2402	9.61	
	CH 16	2440	5.14	
	CH 39	2480	8.29	
	Tune-up Limit		6.5	