

Full Power

GSM850_Ant 0		Burst Average Power (dBm)			Tune-up			Frame Average Power (dBm)			Tune-up		
TX Channel		126	169	251	Limit			126	169	251	Limit		
Frequency (MHz)		824.2	836.4	848.8	(dBm)			824.2	836.4	848.8	(dBm)		
GSM 1 Tx slot		32.07	32.20	32.09	33.50			23.07	23.20	23.09	24.50		
GPRS 1 Tx slot		32.18	32.30	32.16	33.50			23.18	23.30	23.16	24.50		
GPRS 2 Tx slots		30.33	30.35	30.32	31.50			24.33	24.35	24.32	25.50		
GPRS 3 Tx slots		28.27	28.32	28.17	29.50			24.01	24.06	23.91	25.24		
GPRS 4 Tx slots		26.23	26.37	26.34	27.50			23.23	23.37	23.34	24.50		
EDGE 1 Tx slot		26.14	26.21	26.18	27.50			17.14	17.21	17.18	18.50		
EDGE 2 Tx slots		24.13	24.22	24.18	25.50			18.13	18.22	18.18	19.50		
EDGE 3 Tx slots		21.85	21.92	21.79	23.50			17.59	17.66	17.52	19.24		
EDGE 4 Tx slots		19.57	19.68	19.67	21.00			16.57	16.68	16.67	18.00		

Band		WCDMA II_Ant 0			Tune-up			WCDMA IV_Ant 0			Tune-up		
TX Channel		9262	9400	9538	Limit			1312	1413	1513	Limit		
Rx Channel		9862	9800	9938	(dBm)			1537	1633	1738	(dBm)		
Frequency (MHz)		852.4	1590	1597.2				1112.4	1232.2	1352.2			
3GPP Rel 99 AMR 12.2Kbps		23.47	23.58	23.50	24.00			23.55	23.64	23.59	24.00		
3GPP Rel 99 RMC 12.2Kbps		23.52	23.60	23.55	24.00			23.60	23.67	23.65	24.00		
3GPP Rel 6 HSDPA Subtest-1		22.90	22.85	22.87	23.00			22.84	22.81	22.85	23.00		
3GPP Rel 6 HSDPA Subtest-2		22.83	22.77	22.75	23.00			22.76	22.73	22.78	23.00		
3GPP Rel 6 HSDPA Subtest-3		22.36	22.30	22.25	22.50			22.31	22.22	22.28	22.50		
3GPP Rel 6 HSDPA Subtest-4		22.28	22.27	22.23	22.50			22.23	22.18	22.23	22.50		
3GPP Rel 6 DC-HSDPA Subtest-1		22.81	22.80	22.86	23.00			22.72	22.74	22.79	23.00		
3GPP Rel 6 DC-HSDPA Subtest-2		22.70	22.67	22.73	23.00			22.73	22.65	22.76	23.00		
3GPP Rel 6 DC-HSDPA Subtest-3		22.30	22.24	22.11	22.50			22.30	22.12	22.20	22.50		
3GPP Rel 6 DC-HSDPA Subtest-4		22.16	22.26	22.13	22.50			22.19	22.15	22.12	22.50		
3GPP Rel 6 HSUPA Subtest-1		20.95	20.93	20.90	21.50			20.85	20.89	20.95	21.50		
3GPP Rel 6 HSUPA Subtest-2		20.90	20.89	20.92	21.50			20.82	20.82	20.84	21.50		
3GPP Rel 6 HSUPA Subtest-3		21.92	21.87	21.89	22.50			21.81	21.88	21.92	22.50		
3GPP Rel 6 HSUPA Subtest-4		20.49	20.47	20.45	21.00			20.34	20.36	20.45	21.00		
3GPP Rel 6 HSUPA Subtest-5		21.90	21.80	21.80	22.50			21.80	21.80	21.80	22.50		
3GPP Rel 7 HSPA+ (16QAM) Subtest-1		20.43	20.33	20.40	21.00			20.33	20.36	20.40	21.00		

GSM1600_Ant 0		Burst Average Power (dBm)			Tune-up			Frame Average Power (dBm)			Tune-up		
TX Channel		512	661	810	Limit			512	661	810	Limit		
Frequency (MHz)		1850.2	1860	1909.8	(dBm)			1850.2	1860	1909.8	(dBm)		
GSM 1 Tx slot		28.97	29.00	28.89	30.50			19.97	20.00	19.89	21.50		
GPRS 1 Tx slot		28.99	29.02	29.01	30.50			19.99	20.02	20.01	21.50		
GPRS 2 Tx slots		27.18	27.21	27.09	28.60			21.18	21.21	21.09	22.50		
GPRS 3 Tx slots		25.46	25.52	25.44	26.90			21.20	21.26	21.18	22.24		
GPRS 4 Tx slots		23.59	23.72	23.67	24.50			20.59	20.72	20.67	21.50		
EDGE 1 Tx slot		25.33	25.48	25.46	26.50			16.33	16.48	16.46	17.50		
EDGE 2 Tx slots		23.43	23.51	23.50	24.50			17.43	17.51	17.50	18.50		
EDGE 3 Tx slots		21.30	21.43	21.28	22.60			17.04	17.17	17.02	18.24		
EDGE 4 Tx slots		19.14	19.22	19.18	20.50			16.14	16.22	16.18	17.50		

Band		WCDMA V_Ant 0			Tune-up		
TX Channel		4132	4182	4233	Limit		
Rx Channel		4357	4407	4458	(dBm)		
Frequency (MHz)		825.4	836.4	848.8			
3GPP Rel 99 AMR 12.2Kbps		23.40	23.40	23.38	24.00		
3GPP Rel 99 RMC 12.2Kbps		23.44	23.46	23.42	24.00		
3GPP Rel 6 HSDPA Subtest-1		22.88	22.54	22.60	23.00		
3GPP Rel 6 HSDPA Subtest-2		22.62	22.45	22.34	23.00		
3GPP Rel 6 HSDPA Subtest-3		22.09	22.01	21.90	22.50		
3GPP Rel 6 HSDPA Subtest-4		22.04	22.00	21.94	22.50		
3GPP Rel 6 DC-HSDPA Subtest-1		22.60	22.47	22.56	23.00		
3GPP Rel 6 DC-HSDPA Subtest-2		22.49	22.35	22.24	23.00		
3GPP Rel 6 DC-HSDPA Subtest-3		22.07	21.86	21.87	22.50		
3GPP Rel 6 DC-HSDPA Subtest-4		21.97	21.87	21.89	22.50		
3GPP Rel 6 HSUPA Subtest-1		20.65	20.54	20.56	21.50		
3GPP Rel 6 HSUPA Subtest-2		20.55	20.46	20.54	21.50		
3GPP Rel 6 HSUPA Subtest-3		21.64	21.52	21.54	22.50		
3GPP Rel 6 HSUPA Subtest-4		20.18	20.00	20.08	21.00		
3GPP Rel 6 HSUPA Subtest-5		21.50	21.50	21.40	22.50		
3GPP Rel 7 HSPA+ (16QAM) Subtest-1		20.09	19.88	19.94	21.00		

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												
Frequency (MHz)												
20	QPSK	1	0	23.09	23.03	23.06	24	0				
20	QPSK	1	49	23.37	23.42	23.36						
20	QPSK	1	99	22.96	22.98	22.98						
20	QPSK	50	0	22.34	22.40	22.36						
20	QPSK	50	24	22.30	22.37	22.31	23	1				
20	QPSK	100	0	22.33	22.41	22.33						
20	16QAM	1	0	22.35	22.32	22.34						
20	16QAM	1	49	22.63	22.65	22.63						
20	16QAM	1	99	22.21	22.21	22.20	23	1				
20	16QAM	50	0	21.32	21.45	21.35						
20	16QAM	50	24	21.34	21.36	21.35						
20	16QAM	50	50	21.29	21.35	21.27						
20	16QAM	100	0	21.29	21.39	21.30	22	2				
20	64QAM	1	0	21.22	21.29	21.22						
20	64QAM	1	49	21.59	21.57	21.54						
20	64QAM	1	99	21.30	21.28	21.26						
20	64QAM	50	0	20.39	20.49	20.36	22	2				
20	64QAM	50	24	20.37	20.39	20.37						
20	64QAM	50	50	20.28	20.37	20.27						
20	64QAM	100	0	20.33	20.40	20.34						
Channel												
Frequency (MHz)												
15	QPSK	1	0	1857.5	1880	1902.5	24	0				
15	QPSK	1	37	23.21	22.89	23.05						
15	QPSK	1	74	22.94	22.89	22.93						
15	QPSK	36	0	22.31	22.31	22.19						
15	QPSK	36	20	22.25	22.33	22.30	23	1				
15	QPSK	36	39	22.19	22.35	22.20						
15	QPSK	75	0	22.18	22.39	22.32						
15	16QAM	1	0	22.22	22.29	22.31						
15	16QAM	1	37	22.49	22.57	22.49	23	1				
15	16QAM	1	74	22.11	22.07	22.17						
15	16QAM	36	0	21.30	21.39	21.21						
15	16QAM	36	20	21.27	21.29	21.21						
15	16QAM	36	39	21.17	21.31	21.13	22	2				
15	16QAM	75	0	21.24	21.25	21.26						
15	64QAM	1	0	21.09	21.07	21.09						
15	64QAM	1	37	21.58	21.42	21.51						
15	64QAM	1	74	21.16	21.13	21.13	22	2				
15	64QAM	36	0	20.28	20.48	20.22						
15	64QAM	36	20	20.29	20.38	20.31						
15	64QAM	36	39	20.24	20.31	20.18						
15	64QAM	75	0	20.22	20.39	20.25	21	3				
Channel												
Frequency (MHz)												
10	QPSK	1	0	1855	1880	1905	24	0				
10	QPSK	1	25	23.22	23.35	23.27						
10	QPSK	1	49	22.86	22.86	22.91						
10	QPSK	25	0	22.26	22.36	22.21						
10	QPSK	25	12	22.24	22.32	22.29	23	1				
10	QPSK	25	25	22.18	22.28	22.20						
10	QPSK	50	0	22.29	22.29	22.27						
10	16QAM	1	0	22.34	22.23	22.24						
10	16QAM	1	25	22.53	22.59	22.48	23	1				
10	16QAM	1	49	22.05	22.16	22.11						
10	16QAM	25	0	21.30	21.33	21.32						
10	16QAM	25	12	21.26	21.31	21.33						
10	16QAM	25	25	21.28	21.21	21.23	22	2				
10	16QAM	50	0	21.16	21.29	21.19						
10	64QAM	1	0	21.13	21.07	21.12						
10	64QAM	1	25	21.56	21.44	21.44						
10	64QAM	1	49	21.26	21.23	21.16	22	2				
10	64QAM	25	0	20.29	20.44	20.26						
10	64QAM	25	12	20.32	20.38	20.27						
10	64QAM	25	25	20.15	20.36	20.24						
10	64QAM	50	0	20.25	20.32	20.26	21	3				
Channel												
Frequency (MHz)												
5	QPSK	1	0	1852.5	1880	1907.5	24	0				
5	QPSK	1	12	23.22	22.98	23.00						
5	QPSK	1	24	22.85	22.83	22.95						
5	QPSK	12	0	22.29	22.39	22.31						
5	QPSK	12	7	22.26	22.34	22.20	23	1				
5	QPSK	12	13	22.18	22.34	22.17						
5	QPSK	25	0	22.19	22.31	22.25						
5	16QAM	1	0	22.29	22.31	22.29						
5	16QAM	1	12	22.50	22.56	22.48	23	1				
5	16QAM	1	24	22.18	22.20	22.13						
5	16QAM	12	0	21.30	21.36	21.23						
5	16QAM	12	7	21.26	21.24	21.31						
5	16QAM	12	13	21.22	21.32	21.16	22	2				
5	16QAM	25	0	21.25	21.33	21.25						
5	64QAM	1	0	21.12	21.13	21.20						
5	64QAM	1	12	21.48	21.56	21.50						
5	64QAM	1	24	21.20	21.21	21.18	22	2				
5	64QAM	12	0	20.38	20.46	20.27						
5	64QAM	12	7	20.35	20.38	20.30						
5	64QAM	12	13	20.25	20.24	20.15						
5	64QAM	25	0	20.21	20.29	20.20	21	3				
Channel												
Frequency (MHz)												
3	QPSK	1	0	1851.5	1880	1903.5	24	0				
3	QPSK	1	8	23.31	23.36	23.23						
3	QPSK	1	14	22.86	22.94	22.84						
3	QPSK	8	0	22.31	22.27	22.24						
3	QPSK	8	4	22.16	22.21	22.24	23	1				
3	QPSK	8	7	22.22	22.26	22.15						
3	QPSK	15	0	22.22	22.39	22.24						
3	16QAM	1	0	22.33	22.19	22.32						
3	16QAM	1	8	22.49	22.52	22.48	23	1				
3	16QAM	1	14	22.11	22.15	22.11						
3	16QAM	8	0	21.31	21.44	21.26						
3	16QAM	8	4	21.27	21.28	21.30						
3	16QAM	8	7	21.28	21.30	21.20	22	2				
3	16QAM	15	0	21.19	21.37	21.18						
3	64QAM	1	0	21.08	21.12	21.07						
3	64QAM	1	8	21.46	21.49	21.51						
3	64QAM	1	14	21.21	21.13	21.14	22	2				
3	64QAM	8	0	20.28	20.48	20.28						
3	64QAM	8	4	20.34	20.29	20.28						
3	64QAM	8	7	20.27	20.34	20.16						
3	64QAM	15	0	20.21	20.35	20.19	21	3				
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	1850.7	1880	1903.3	24	0				
1.4	QPSK	1	3	22.97	22.88	23.03						
1.4	QPSK	1	5	22.92	22.97	22.90						
1.4	QPSK	3	0	22.94	22.95	23.00						
1.4	QPSK	3	1	23.28	23.27	23.21	23	1				
1.4	QPSK	3	3	22.94	22.89	22.89						
1.4	QPSK	6	0	22.21	22.29	22.24						
1.4	16QAM	1	0	22.48	22.37	22.47						
1.4	16QAM	1	3	22.55	22.47	22.53	23	1				
1.4	16QAM	3	0	22.53	22.43	22.43						
1.4	16QAM	3	1	22.57	22.48	22.46						
1.4	16QAM	3	3	22.48	22.38	22.46						
1.4	16QAM	6	0	21.23	21.24	21.16	22	2				
1.4	64QAM	1	0	21.40	21.49	21.45						
1.4	64QAM	1	3	21.55	21.56	21.52						
1.4	64QAM	1	5	21.44	21.46	21.47						
1.4	64QAM	3	0	21.51	21.54	21.49	22	2				
1.4	64QAM	3	1	21.51	21.49	21.50						
1.4	64QAM	3	3	21.45	21.41	21.43						
1.4	64QAM	6	0	20.26	20.36	20.27						

Band 4_Ant 3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				20950	20175	20300					
20	QPSK	1	0	22.53	22.56	22.52	24	0			
20	QPSK	1	49	22.47	22.50	22.85					
20	QPSK	1	99	22.40	22.36	22.41					
20	QPSK	50	0	22.22	22.26	22.26					
20	QPSK	50	24	22.22	22.22	22.22	23	1			
20	QPSK	50	50	22.20	22.20	22.18					
20	QPSK	100	0	22.20	22.21	22.19					
20	16QAM	1	0	22.16	22.23	22.15					
20	16QAM	1	49	22.51	22.52	22.49	23	1			
20	16QAM	1	99	22.02	21.98	22.06					
20	16QAM	50	0	21.19	21.21	21.21					
20	16QAM	50	24	21.23	21.20	21.22					
20	16QAM	50	50	21.16	21.19	21.13	22	2			
20	16QAM	100	0	21.18	21.17	21.16					
20	64QAM	1	0	21.10	21.09	21.04					
20	64QAM	1	49	21.44	21.38	21.38					
20	64QAM	1	99	20.95	20.92	20.95	22	2			
20	64QAM	50	0	20.26	20.27	20.25					
20	64QAM	50	24	20.27	20.25	20.27					
20	64QAM	50	50	20.18	20.18	20.14					
20	64QAM	100	0	20.22	20.20	20.20	21	3			
Channel										Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				20025	20175	20325					
15	QPSK	1	0	22.52	22.47	22.43	24	0			
15	QPSK	1	37	22.81	22.80	22.79					
15	QPSK	1	74	22.35	22.26	22.34					
15	QPSK	36	0	22.17	22.18	22.21					
15	QPSK	36	20	22.10	22.09	22.11	23	1			
15	QPSK	36	39	22.18	22.10	22.06					
15	QPSK	75	0	22.09	22.19	22.12					
15	16QAM	1	0	22.13	22.16	22.09					
15	16QAM	1	37	22.45	22.39	22.34	23	1			
15	16QAM	1	74	21.93	21.94	22.02					
15	16QAM	36	0	21.04	21.15	21.15					
15	16QAM	36	20	21.17	21.15	21.21					
15	16QAM	36	39	21.06	21.08	21.00	22	2			
15	16QAM	75	0	21.03	21.08	21.03					
15	64QAM	1	0	21.04	20.94	20.97					
15	64QAM	1	37	21.33	21.28	21.28					
15	64QAM	1	74	20.87	20.82	20.89	22	2			
15	64QAM	36	0	20.16	20.25	20.19					
15	64QAM	36	20	20.18	20.17	20.18					
15	64QAM	36	39	20.17	20.09	20.02					
15	64QAM	75	0	20.09	20.10	20.13	21	3			
Channel										Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	17350					
10	QPSK	1	0	22.39	22.47	22.45	24	0			
10	QPSK	1	25	22.75	22.84	22.74					
10	QPSK	1	49	22.27	22.30	22.37					
10	QPSK	25	0	22.17	22.14	22.13					
10	QPSK	25	12	22.11	22.13	22.19	23	1			
10	QPSK	25	25	22.19	22.21	22.07					
10	QPSK	50	0	22.08	22.17	22.06					
10	16QAM	1	0	22.10	22.15	22.11					
10	16QAM	1	25	22.45	22.39	22.41	23	1			
10	16QAM	1	49	21.92	21.85	22.05					
10	16QAM	25	0	21.09	21.18	21.06					
10	16QAM	25	12	21.13	21.18	21.11					
10	16QAM	25	25	21.12	21.14	21.04	22	2			
10	16QAM	50	0	21.06	21.04	21.12					
10	64QAM	1	0	20.97	21.04	20.93					
10	64QAM	1	25	21.13	21.37	21.21					
10	64QAM	1	49	20.85	20.81	20.83	22	2			
10	64QAM	25	0	20.11	20.14	20.12					
10	64QAM	25	12	20.20	20.14	20.12					
10	64QAM	25	25	20.12	20.17	20.06					
10	64QAM	50	0	20.15	20.10	20.12	21	3			
Channel										Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				19975	20175	20375					
5	QPSK	1	0	22.49	22.51	22.53	24	0			
5	QPSK	1	12	22.77	22.80	22.78					
5	QPSK	1	24	22.26	22.34	22.28					
5	QPSK	12	0	22.14	22.23	22.15					
5	QPSK	12	7	22.08	22.09	22.21	23	1			
5	QPSK	12	13	22.10	22.15	22.12					
5	QPSK	25	0	22.12	22.13	22.11					
5	16QAM	1	0	22.12	22.15	22.06					
5	16QAM	1	12	22.36	22.48	22.47	23	1			
5	16QAM	1	24	21.92	21.84	21.93					
5	16QAM	12	0	21.07	21.05	21.06					
5	16QAM	12	7	21.14	21.17	21.07					
5	16QAM	12	13	21.05	21.11	21.02	22	2			
5	16QAM	25	0	21.03	21.06	21.04					
5	64QAM	1	0	21.05	20.95	20.98					
5	64QAM	1	12	21.43	21.31	21.32					
5	64QAM	1	24	20.80	20.81	20.85	22	2			
5	64QAM	12	0	20.21	20.19	20.21					
5	64QAM	12	7	20.19	20.22	20.23					
5	64QAM	12	13	20.11	20.11	20.03					
5	64QAM	25	0	20.08	20.15	20.09	21	3			
Channel										Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5					
3	QPSK	1	0	22.43	22.44	22.44	24	0			
3	QPSK	1	8	22.83	22.83	22.83					
3	QPSK	1	14	22.26	22.33	22.35					
3	QPSK	8	0	22.23	22.20	22.17					
3	QPSK	8	4	22.21	22.11	22.10	23	1			
3	QPSK	8	7	22.07	22.06	22.17					
3	QPSK	15	0	22.08	22.15	22.06					
3	16QAM	1	0	22.15	22.17	22.12					
3	16QAM	1	8	22.37	22.47	22.43	23	1			
3	16QAM	1	14	21.87	21.94	21.91					
3	16QAM	8	0	21.06	21.10	21.20					
3	16QAM	8	4	21.13	21.09	21.08					
3	16QAM	8	7	21.08	21.14	21.11	22	2			
3	16QAM	15	0	21.11	21.09	21.09					
3	64QAM	1	0	20.95	21.03	20.97					
3	64QAM	1	8	21.30	21.25	21.33					
3	64QAM	1	14	20.88	20.89	20.82	22	2			
3	64QAM	8	0	20.15	20.17	20.19					
3	64QAM	8	4	20.26	20.13	20.15					
3	64QAM	8	7	20.03	20.11	20.11					
3	64QAM	15	0	20.13	20.16	20.19	21	3			
Channel										Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				19557	20175	20393					
1.4	QPSK	1	0	22.40	22.48	22.46	24	0			
1.4	QPSK	1	3	22.82	22.80	22.71					
1.4	QPSK	1	5	22.34	22.33	22.26					
1.4	QPSK	3	0	22.69	22.78	22.63					
1.4	QPSK	3	1	22.81	22.76	22.70	23	1			
1.4	QPSK	3	3	22.70	22.74	22.70					
1.4	QPSK	6	0	22.18	22.08	22.15					
1.4	16QAM	1	0	22.01	22.21	22.13					
1.4	16QAM	1	3	22.37	22.40	22.36	23	1			
1.4	16QAM	1	5	21.95	21.96	21.95					
1.4	16QAM	3	0	22.30	22.31	22.33					
1.4	16QAM	3	1	22.32	22.32	22.25					
1.4	16QAM	3	3	22.28	22.28	22.23	22	2			
1.4	16QAM	1	0	21.13	21.13	21.12					
1.4	64QAM	1	0	21.03	20.95	20.99					
1.4	64QAM	1	3	21.28	21.24	21.23					
1.4	64QAM	1	5	20.89	20.90	20.91	22	2			
1.4	64QAM	3	0	21.21	21.16	20.20					
1.4	64QAM	3	1	21.24	21.14	21.13					
1.4	64QAM	3	3	21.22	21.13	21.12					
1.4	64QAM	6	0	20.08	20.17	20.19	21	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	24	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.08	23.12	23.01			
20	QPSK	1	49	23.04	23.50	23.44			
20	QPSK	1	99	23.08	23.13	23.06	23	1	
20	QPSK	50	0	22.77	22.85	22.78			
20	QPSK	50	24	22.72	22.78	22.73			
20	QPSK	50	50	22.75	22.83	22.72			
20	QPSK	100	0	22.71	22.81	22.70	23	1	
20	16QAM	1	0	22.54	22.61	22.38			
20	16QAM	1	49	22.82	22.80	22.87			
20	16QAM	1	99	22.79	22.70	22.75			
20	16QAM	50	0	21.87	21.77	21.72	22	2	
20	16QAM	50	24	21.73	21.81	21.73			
20	16QAM	50	50	21.77	21.84	21.71			
20	16QAM	100	0	21.72	21.81	21.70			
20	64QAM	1	0	21.52	21.60	21.52	22	2	
20	64QAM	1	49	21.65	21.63	21.58			
20	64QAM	1	99	21.55	21.57	21.44			
20	64QAM	50	0	20.65	20.74	20.68			
20	64QAM	50	24	20.72	20.79	20.72	21	3	
20	64QAM	50	50	20.74	20.83	20.72			
20	64QAM	100	0	20.72	20.80	20.70			
Channel				20925	21100	21375			
Frequency (MHz)				2607.5	2635	2662.5	24	0	
15	QPSK	1	0	22.93	22.99	22.99			
15	QPSK	1	37	23.30	23.35	23.35			
15	QPSK	1	74	22.98	23.06	22.99	23	1	
15	QPSK	36	0	22.70	22.78	22.64			
15	QPSK	36	20	22.65	22.67	22.62			
15	QPSK	36	39	22.68	22.81	22.68			
15	QPSK	75	0	22.57	22.69	22.64	23	1	
15	16QAM	1	0	22.52	22.56	22.44			
15	16QAM	1	37	22.79	22.70	22.84			
15	16QAM	1	74	22.78	22.64	22.61			
15	16QAM	36	0	21.65	21.65	21.64	22	2	
15	16QAM	36	20	21.68	21.70	21.65			
15	16QAM	36	39	21.73	21.70	21.82			
15	16QAM	75	0	21.66	21.69	21.65			
15	64QAM	1	0	21.46	21.53	21.47	22	2	
15	64QAM	1	37	21.57	21.53	21.53			
15	64QAM	1	74	21.53	21.55	21.37			
15	64QAM	36	0	20.50	20.59	20.55			
15	64QAM	36	20	20.62	20.69	20.63	21	3	
15	64QAM	36	39	20.73	20.68	20.66			
15	64QAM	75	0	20.70	20.75	20.60			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565	24	0	
10	QPSK	1	0	22.93	22.97	22.98			
10	QPSK	1	25	23.40	23.41	23.34			
10	QPSK	1	49	22.89	23.03	22.96	23	1	
10	QPSK	25	0	22.64	22.83	22.71			
10	QPSK	25	12	22.70	22.76	22.68			
10	QPSK	25	25	22.65	22.75	22.71			
10	QPSK	50	0	22.56	22.68	22.67	23	1	
10	16QAM	1	0	22.46	22.57	22.56			
10	16QAM	1	25	22.74	22.76	22.82			
10	16QAM	1	49	22.75	22.59	22.65			
10	16QAM	25	0	21.65	21.63	21.61	22	2	
10	16QAM	25	12	21.70	21.78	21.64			
10	16QAM	25	25	21.76	21.82	21.68			
10	16QAM	50	0	21.65	21.77	21.69			
10	64QAM	1	0	21.48	21.59	21.50	22	2	
10	64QAM	1	25	21.56	21.56	21.43			
10	64QAM	1	49	21.42	21.49	21.30			
10	64QAM	25	0	20.59	20.67	20.54			
10	64QAM	25	12	20.64	20.69	20.60	21	3	
10	64QAM	25	25	20.59	20.72	20.69			
10	64QAM	50	0	20.66	20.74	20.68			
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	24	0	
5	QPSK	1	0	22.96	23.00	22.96			
5	QPSK	1	12	23.39	23.37	23.36			
5	QPSK	1	24	22.93	23.04	23.01	23	1	
5	QPSK	12	0	22.62	22.81	22.70			
5	QPSK	12	7	22.70	22.76	22.72			
5	QPSK	12	13	22.61	22.82	22.64			
5	QPSK	25	0	22.57	22.68	22.60	23	1	
5	16QAM	1	0	22.41	22.50	22.57			
5	16QAM	1	12	22.72	22.75	22.80			
5	16QAM	1	24	22.68	22.64	22.66			
5	16QAM	12	0	21.60	21.75	21.59	22	2	
5	16QAM	12	7	21.66	21.78	21.66			
5	16QAM	12	13	21.71	21.69	21.67			
5	16QAM	25	0	21.71	21.76	21.68			
5	64QAM	1	0	21.42	21.59	21.42	22	2	
5	64QAM	1	12	21.57	21.51	21.55			
5	64QAM	1	24	21.40	21.45	21.29			
5	64QAM	12	0	20.56	20.71	20.65			
5	64QAM	12	7	20.67	20.65	20.62	21	3	
5	64QAM	12	13	20.73	20.74	20.70			
5	64QAM	25	0	20.64	20.76	20.57			

Band 7_Ant 3									
BW [MHz]	Modulatio n	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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.39	22.46	22.39	24	0	
20	QPSK	1	49	22.77	22.83	22.80			
20	QPSK	1	99	22.38	22.50	22.43			
20	QPSK	50	0	22.22	22.27	22.24			
20	QPSK	50	24	22.14	22.24	22.22	23	1	
20	QPSK	50	50	22.18	22.25	22.21			
20	QPSK	100	0	22.13	22.24	22.19			
20	16QAM	1	0	22.01	22.09	22.01			
20	16QAM	1	49	22.36	22.38	22.32	23		
20	16QAM	1	99	22.01	22.17	22.01			
20	16QAM	50	0	21.10	21.20	21.20			
20	16QAM	50	24	21.14	21.25	21.21			
20	16QAM	50	50	21.17	21.27	21.21	22	2	
20	16QAM	100	0	21.14	21.24	21.21			
20	64QAM	1	0	20.96	21.08	20.99			
20	64QAM	1	49	21.35	21.33	21.30			
20	64QAM	1	99	20.96	21.08	20.99	22	2	
20	64QAM	50	0	20.10	20.18	20.19			
20	64QAM	50	24	20.12	20.24	20.22			
20	64QAM	50	50	20.16	20.25	20.22			
20	64QAM	100	0	20.14	20.24	20.22	21	3	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.24	22.34	22.34			
15	QPSK	1	37	22.67	22.73	22.74			
15	QPSK	1	74	22.37	22.38	22.41			
15	QPSK	36	0	22.10	22.19	22.09			
15	QPSK	36	20	22.07	22.21	22.13	23	1	
15	QPSK	36	39	22.14	22.12	22.17			
15	QPSK	75	0	22.10	22.13	22.08			
15	16QAM	1	0	21.99	21.99	22.00			
15	16QAM	1	37	22.21	22.31	22.19	23	1	
15	16QAM	1	74	22.37	22.38	22.41			
15	16QAM	36	0	21.00	21.17	21.14			
15	16QAM	36	20	21.04	21.19	21.15			
15	16QAM	36	39	21.12	21.22	21.09	22	2	
15	16QAM	75	0	21.05	21.22	21.12			
15	64QAM	1	0	20.81	20.94	20.90			
15	64QAM	1	37	21.31	21.21	21.20			
15	64QAM	1	74	20.93	20.93	20.98	22	2	
15	64QAM	36	0	19.99	20.09	20.16			
15	64QAM	36	20	20.05	20.17	20.16			
15	64QAM	36	39	20.11	20.12	20.18			
15	64QAM	75	0	20.08	20.20	20.08	21	3	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	22.25	22.45	22.33			
10	QPSK	1	25	22.67	22.80	22.68			
10	QPSK	1	49	22.37	22.38	22.31			
10	QPSK	25	0	22.21	22.16	22.18			
10	QPSK	25	12	22.10	22.19	22.20	23	1	
10	QPSK	25	25	22.05	22.18	22.12			
10	QPSK	50	0	22.06	22.22	22.13			
10	QPSK	50	0	21.92	22.03	21.94			
10	16QAM	1	25	22.25	22.34	22.28	22	2	
10	16QAM	1	49	21.87	22.10	21.88			
10	16QAM	25	0	20.98	21.16	21.05			
10	16QAM	25	12	21.11	21.22	21.19			
10	16QAM	25	25	21.09	21.26	21.08	22	2	
10	16QAM	50	0	20.89	21.20	21.02			
10	64QAM	1	25	21.32	21.31	21.25			
10	64QAM	1	49	20.85	21.03	20.98			
10	64QAM	25	0	20.01	20.04	20.12	22	2	
10	64QAM	25	12	20.08	20.18	20.20			
10	64QAM	25	25	20.16	20.10	20.15			
10	64QAM	50	0	20.08	20.23	20.07			
Channel				20802.5	21100	21402.5	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	22.25	22.37	22.28	24	0	
5	QPSK	1	12	22.67	22.79	22.74			
5	QPSK	1	24	22.32	22.42	22.40			
5	QPSK	12	0	22.07	22.12	22.15			
5	QPSK	12	7	22.04	22.23	22.08	23	1	
5	QPSK	12	13	22.17	22.17	22.07			
5	QPSK	36	0	21.94	22.15	22.17			
5	16QAM	1	0	21.97	21.99	22.00			
5	16QAM	1	12	22.23	22.37	22.21	23	1	
5	16QAM	1	24	21.89	22.11	21.89			
5	16QAM	12	0	21.06	21.07	21.16			
5	16QAM	12	7	21.04	21.24	21.07			
5	16QAM	12	13	21.62	21.63	21.18	22	2	
5	16QAM	25	0	20.99	21.09	21.17			
5	64QAM	1	0	20.86	21.00	20.91			
5	64QAM	1	12	21.33	21.26	21.16			
5	64QAM	1	24	20.81	21.03	20.89	22	2	
5	64QAM	12	0	20.00	20.03	20.17			
5	64QAM	12	7	19.99	20.15	20.15			
5	64QAM	12	13	20.02	20.23	20.09			
5	64QAM	25	0	20.05	20.15	20.17	21	3	

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	23.18	23.18	23.19	24	0	
15	QPSK	1	37	23.48	23.50	23.45			
15	QPSK	1	74	23.23	23.14	23.14			
15	QPSK	36	0	22.41	22.43	22.39	23	1	
15	QPSK	36	20	22.39	22.37	22.37			
15	QPSK	36	39	22.30	22.35	22.29			
15	QPSK	75	0	22.30	22.39	22.35	23	1	
15	16QAM	1	0	22.43	22.36	22.47			
15	16QAM	1	37	22.69	22.72	22.68			
15	16QAM	1	74	22.49	22.40	22.40	22	2	
15	16QAM	36	0	21.25	21.35	21.33			
15	16QAM	36	20	21.38	21.37	21.35			
15	16QAM	36	39	21.26	21.36	21.27	22	2	
15	16QAM	75	0	21.27	21.38	21.33			
15	64QAM	1	0	21.32	21.31	21.38			
15	64QAM	1	37	21.58	21.60	21.63	22	2	
15	64QAM	1	74	21.36	21.34	21.32			
15	64QAM	36	0	20.35	20.45	20.43			
15	64QAM	36	20	20.44	20.48	20.43	21	3	
15	64QAM	36	39	20.33	20.46	20.30			
15	64QAM	75	0	20.35	20.44	20.39			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.08	23.05	23.04	24	0	
10	QPSK	1	25	23.38	23.38	23.32			
10	QPSK	1	49	23.12	23.01	23.08			
10	QPSK	25	0	22.27	22.34	22.30	23	1	
10	QPSK	25	12	22.31	22.38	22.22			
10	QPSK	25	25	22.22	22.27	22.26			
10	QPSK	50	0	22.17	22.25	22.20	23	1	
10	16QAM	1	0	22.41	22.24	22.45			
10	16QAM	1	25	22.60	22.69	22.56			
10	16QAM	1	49	22.44	22.32	22.32	22	2	
10	16QAM	25	0	21.24	21.31	21.23			
10	16QAM	25	12	21.26	21.26	21.24			
10	16QAM	25	25	21.14	21.23	21.18	22	2	
10	16QAM	50	0	21.22	21.36	21.30			
10	64QAM	1	0	21.23	21.25	21.35			
10	64QAM	1	25	21.55	21.58	21.61	22	2	
10	64QAM	1	49	21.28	21.27	21.21			
10	64QAM	25	0	20.24	20.40	20.30			
10	64QAM	25	12	20.37	20.40	20.34	21	3	
10	64QAM	25	25	20.30	20.35	20.27			
10	64QAM	50	0	20.28	20.29	20.31			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.16	23.11	23.12	24	0	
5	QPSK	1	12	23.47	23.46	23.36			
5	QPSK	1	24	23.13	23.08	23.03			
5	QPSK	12	0	22.29	22.37	22.37	23	1	
5	QPSK	12	7	22.31	22.39	22.28			
5	QPSK	12	13	22.24	22.25	22.27			
5	QPSK	25	0	22.23	22.31	22.20	23	1	
5	16QAM	1	0	22.29	22.25	22.44			
5	16QAM	1	12	22.62	22.60	22.65			
5	16QAM	1	24	22.36	22.25	22.37	23	1	
5	16QAM	12	0	21.16	21.33	21.31			
5	16QAM	12	7	21.36	21.30	21.22			
5	16QAM	12	13	21.20	21.31	21.18	22	2	
5	16QAM	25	0	21.14	21.33	21.29			
5	64QAM	1	0	21.28	21.18	21.35			
5	64QAM	1	12	21.55	21.56	21.58	22	2	
5	64QAM	1	24	21.25	21.20	21.27			
5	64QAM	12	0	20.26	20.36	20.29			
5	64QAM	12	7	20.30	20.39	20.28	21	3	
5	64QAM	12	13	20.32	20.37	20.20			
5	64QAM	25	0	20.29	20.30	20.37			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.07	23.17	23.13	24	0	
3	QPSK	1	8	23.43	23.48	23.39			
3	QPSK	1	14	23.20	23.05	23.02			
3	QPSK	8	0	22.30	22.37	22.26	23	1	
3	QPSK	8	4	22.32	22.35	22.24			
3	QPSK	8	7	22.29	22.28	22.25			
3	QPSK	15	0	22.25	22.25	22.21	23	1	
3	16QAM	1	0	22.33	22.31	22.43			
3	16QAM	1	8	22.68	22.58	22.62			
3	16QAM	1	14	22.45	22.30	22.26	22	2	
3	16QAM	8	0	21.19	21.25	21.27			
3	16QAM	8	4	21.37	21.24	21.23			
3	16QAM	8	7	21.16	21.28	21.24	22	2	
3	16QAM	15	0	21.13	21.35	21.20			
3	64QAM	1	0	21.22	21.24	21.27			
3	64QAM	1	8	21.49	21.57	21.51	22	2	
3	64QAM	1	14	21.25	21.31	21.28			
3	64QAM	8	0	20.25	20.44	20.40			
3	64QAM	8	4	20.36	20.35	20.41	21	3	
3	64QAM	8	7	20.22	20.35	20.28			
3	64QAM	15	0	20.30	20.42	20.30			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.13	23.03	23.06	24	0	
1.4	QPSK	1	3	23.34	23.36	23.37			
1.4	QPSK	1	5	23.13	23.05	23.01			
1.4	QPSK	3	0	22.28	23.28	23.27	23	1	
1.4	QPSK	3	1	23.28	23.26	23.28			
1.4	QPSK	3	3	23.31	23.31	23.36			
1.4	QPSK	6	0	22.18	22.28	22.25	23	1	
1.4	16QAM	1	0	22.41	22.33	22.40			
1.4	16QAM	1	3	22.65	22.59	22.63			
1.4	16QAM	1	5	22.45	22.29	22.33	23	1	
1.4	16QAM	3	0	22.50	22.49	22.56			
1.4	16QAM	3	1	22.64	22.58	22.49			
1.4	16QAM	3	3	22.50	22.54	22.53	22	2	
1.4	16QAM	6	0	21.23	21.30	21.27			
1.4	64QAM	1	0	21.24	21.16	21.34			
1.4	64QAM	1	3	21.45	21.59	21.50	22	2	
1.4	64QAM	1	5	21.21	21.33	21.31			
1.4	64QAM	3	0	21.43	21.51	21.35			
1.4	64QAM	3	1	21.34	21.53	21.41	22	2	
1.4	64QAM	3	3	21.38	21.58	21.49			
1.4	64QAM	6	0	20.24	20.39	20.36			

Band 26_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	22.82	22.83	22.85	24	0	
15	QPSK	1	37	23.13	23.15	23.09			
15	QPSK	1	74	22.88	22.80	22.78			
15	QPSK	36	0	22.08	22.12	22.01	23	1	
15	QPSK	36	20	22.04	22.06	21.97			
15	QPSK	36	39	21.92	22.08	22.00			
15	QPSK	75	0	21.93	22.05	22.03			
15	16QAM	1	0	22.08	22.03	22.08	23	1	
15	16QAM	1	37	22.31	22.37	22.31			
15	16QAM	1	74	22.12	22.09	22.05			
15	16QAM	36	0	20.85	20.99	20.96	22	2	
15	16QAM	36	20	20.81	20.93	21.00			
15	16QAM	36	39	20.86	21.04	20.95			
15	16QAM	75	0	20.91	21.04	21.00			
15	64QAM	1	0	21.01	21.00	21.06	22	2	
15	64QAM	1	37	21.26	21.30	21.28			
15	64QAM	1	74	21.06	20.93	20.97			
15	64QAM	36	0	19.89	20.11	20.06	21	3	
15	64QAM	36	20	20.00	20.13	20.09			
15	64QAM	36	39	19.97	20.12	19.99			
15	64QAM	75	0	19.95	20.10	20.06			
Channel				26740	26865	26960	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	22.73	22.74	22.71	24	0	
10	QPSK	1	25	22.99	23.01	23.07			
10	QPSK	1	49	22.83	22.88	22.82			
10	QPSK	25	0	21.98	22.01	21.91	23	1	
10	QPSK	25	12	21.94	22.01	21.82			
10	QPSK	25	25	21.91	22.05	21.95			
10	QPSK	50	0	21.83	22.00	21.88	23	1	
10	16QAM	1	0	21.95	21.99	22.03			
10	16QAM	1	25	22.25	22.30	22.26			
10	16QAM	1	49	21.98	22.01	21.94	22	2	
10	16QAM	25	0	20.74	20.85	20.93			
10	16QAM	25	12	20.99	21.01	20.93			
10	16QAM	25	25	20.75	20.99	20.87	21	3	
10	16QAM	50	0	20.81	21.00	20.93			
10	64QAM	1	0	20.94	20.85	21.04			
10	64QAM	1	25	21.21	21.24	21.23	22	2	
10	64QAM	1	49	21.04	21.08	21.06			
10	64QAM	25	0	19.84	19.98	19.94			
10	64QAM	25	12	20.07	20.03	19.99	21	3	
10	64QAM	25	25	19.82	20.00	19.86			
10	64QAM	50	0	19.90	19.98	20.02			
Channel				26765	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	22.73	22.68	22.82	24	0	
5	QPSK	1	12	22.98	23.13	22.98			
5	QPSK	1	24	22.84	22.86	22.72			
5	QPSK	12	0	21.95	22.11	21.86	23		
5	QPSK	12	7	21.99	21.92	21.91			
5	QPSK	12	13	21.88	21.94	21.97			
5	QPSK	25	0	21.84	22.01	21.94	23	1	
5	16QAM	1	0	22.01	22.00	22.01			
5	16QAM	1	12	22.04	22.05	22.16			
5	16QAM	1	24	22.04	22.05	21.93	22	2	
5	16QAM	12	0	20.74	20.88	20.87			
5	16QAM	12	7	20.89	20.95	20.88			
5	16QAM	12	13	20.75	20.99	20.84	22	2	
5	16QAM	25	0	20.76	20.92	20.90			
5	64QAM	1	0	20.86	20.86	20.96			
5	64QAM	1	12	21.16	21.20	21.25	22	2	
5	64QAM	1	24	20.91	20.90	20.96			
5	64QAM	12	0	19.83	20.01	19.93			
5	64QAM	12	7	19.95	20.05	20.06	21	3	
5	64QAM	12	13	19.86	20.03	19.93			
5	64QAM	25	0	19.85	20.07	19.91			
Channel				26805	26965	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				827.5	837.5	847.5			
3	QPSK	1	0	22.75	22.70	22.84	24	0	
3	QPSK	1	8	22.98	23.01	23.05			
3	QPSK	1	14	22.74	22.75	22.65			
3	QPSK	8	0	22.00	22.00	21.93	23		
3	QPSK	8	4	22.00	22.00	21.93			
3	QPSK	8	7	21.79	21.99	21.96			
3	QPSK	15	0	21.87	21.94	22.01	23	1	
3	16QAM	1	0	22.05	21.96	22.03			
3	16QAM	1	8	22.24	22.34	22.27			
3	16QAM	1	14	22.11	21.96	22.01	22	2	
3	16QAM	8	0	20.70	20.85	20.86			
3	16QAM	8	4	20.99	20.94	20.88			
3	16QAM	8	7	20.76	20.96	20.86	22	2	
3	16QAM	15	0	20.85	20.98	20.91			
3	64QAM	1	0	20.87	20.89	20.93			
3	64QAM	1	8	21.15	21.29	21.24	22	2	
3	64QAM	1	14	20.92	20.79	20.93			
3	64QAM	8	0	19.89	19.96	19.91			
3	64QAM	8	4	20.06	20.07	19.97	21	3	
3	64QAM	8	7	19.83	19.98	19.92			
3	64QAM	15	0	19.84	20.02	19.98			
Channel				26897	26965	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	843.3			
1.4	QPSK	1	0	22.75	22.75	22.70	24	0	
1.4	QPSK	1	3	22.99	23.08	23.00			
1.4	QPSK	1	5	22.80	22.78	22.72			
1.4	QPSK	3	0	22.87	23.06	22.96	23	1	
1.4	QPSK	3	1	22.87	23.07	22.85			
1.4	QPSK	3	2	22.84	22.93	22.95			
1.4	QPSK	6	0	21.87	21.93	21.90	23	1	
1.4	16QAM	1	0	21.94	22.00	22.04			
1.4	16QAM	1	3	22.22	22.33	22.25			
1.4	16QAM	1	5	22.09	21.99	21.94	23	1	
1.4	16QAM	3	0	22.18	22.19	22.10			
1.4	16QAM	3	1	22.11	22.22	22.18			
1.4	16QAM	3	3	22.04	22.32	22.15	22	2	
1.4	16QAM	6	0	20.83	21.00	20.95			
1.4	64QAM	1	0	20.94	20.91	20.91			
1.4	64QAM	1	3	21.21	21.17	21.13	22	2	
1.4	64QAM	1	5	20.94	20.90	20.96			
1.4	64QAM	3	0	21.13	21.12	21.10			
1.4	64QAM	3	1	21.12	21.16	21.03	21	3	
1.4	64QAM	3	3	21.12	21.08	21.04			
1.4	64QAM	6	0	19.94	20.03	19.96			

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	23.07	23.06	23.13	24	0		
20	QPSK	1	49	23.37	23.43	23.35				
20	QPSK	1	99	23.06	23.13	23.06				
20	QPSK	50	0	22.75	22.84	22.80				
20	QPSK	50	24	22.73	22.79	22.70	23	1		
20	QPSK	50	50	22.70	22.73	22.72				
20	QPSK	100	0	22.66	22.84	22.77				
20	16QAM	1	0	22.69	22.68	22.86				
20	16QAM	1	49	22.82	22.90	22.84	23	1		
20	16QAM	1	99	22.56	22.67	22.75				
20	16QAM	50	0	21.67	21.80	21.86				
20	16QAM	50	24	21.71	21.77	21.86				
20	16QAM	50	50	21.69	21.70	21.79	22	2		
20	16QAM	100	0	21.65	21.73	21.82				
20	84QAM	1	0	21.57	21.60	21.72				
20	84QAM	1	49	21.72	21.80	21.75				
20	84QAM	1	99	21.43	21.51	21.66	22	2		
20	84QAM	50	0	20.71	20.85	20.91				
20	84QAM	50	24	20.75	20.81	20.89				
20	84QAM	50	50	20.68	20.71	20.83				
20	84QAM	100	0	20.68	20.77	20.86	21	3		
Channel				132047	132322	132597	Tune-up limit (dBm)			MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	22.97	22.93	23.04	24	0		
15	QPSK	1	37	23.23	23.38	23.25				
15	QPSK	1	74	22.92	23.05	22.95				
15	QPSK	36	0	22.70	22.76	22.72				
15	QPSK	36	20	22.65	22.68	22.62	23	1		
15	QPSK	36	39	22.69	22.68	22.67				
15	QPSK	75	0	22.56	22.73	22.62				
15	16QAM	1	0	22.60	22.54	22.73				
15	16QAM	1	37	22.77	22.75	22.71	23	1		
15	16QAM	1	74	22.47	22.56	22.68				
15	16QAM	36	0	21.53	21.74	21.73				
15	16QAM	36	20	21.58	21.72	21.72				
15	16QAM	36	39	21.64	21.59	21.70	22	2		
15	16QAM	75	0	21.50	21.63	21.73				
15	84QAM	1	0	21.43	21.55	21.66				
15	84QAM	1	37	21.63	21.70	21.64				
15	84QAM	1	74	21.28	21.38	21.55	22	2		
15	84QAM	36	0	20.94	20.74	20.84				
15	84QAM	36	20	20.60	20.70	20.74				
15	84QAM	36	39	20.60	20.58	20.74				
15	84QAM	75	0	20.63	20.71	20.76	21	3		
Channel				132022	132322	132622	Tune-up limit (dBm)			MPR (dB)
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	23.02	22.95	23.07	24	0		
10	QPSK	1	25	23.27	23.38	23.20				
10	QPSK	1	49	22.92	23.02	22.98				
10	QPSK	25	0	22.69	22.72	22.71				
10	QPSK	25	12	22.59	22.69	22.65	23	1		
10	QPSK	25	25	22.60	22.59	22.67				
10	QPSK	50	0	22.61	22.72	22.72				
10	16QAM	1	0	22.60	22.59	22.75				
10	16QAM	1	25	22.76	22.82	22.79	23	1		
10	16QAM	1	49	22.48	22.62	22.60				
10	16QAM	25	0	21.58	21.65	21.74				
10	16QAM	25	12	21.60	21.68	21.81				
10	16QAM	25	25	21.62	21.55	21.71	22	2		
10	16QAM	50	0	21.50	21.64	21.73				
10	84QAM	1	0	21.49	21.47	21.62				
10	84QAM	1	25	21.60	21.71	21.60				
10	84QAM	1	49	21.38	21.41	21.53	22	2		
10	84QAM	25	0	20.60	20.76	20.80				
10	84QAM	25	12	20.64	20.74	20.75				
10	84QAM	25	25	20.57	20.63	20.72				
10	84QAM	50	0	20.55	20.62	20.79	21	3		
Channel				131997	132322	132647	Tune-up limit (dBm)			MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	23.00	22.99	23.01	24	0		
5	QPSK	1	12	23.29	23.28	23.25				
5	QPSK	1	24	22.91	23.02	22.97				
5	QPSK	12	0	22.62	22.78	22.75				
5	QPSK	12	7	22.67	22.71	22.65	23	1		
5	QPSK	12	13	22.64	22.64	22.65				
5	QPSK	25	0	22.61	22.74	22.72				
5	16QAM	1	0	22.56	22.57	22.75				
5	16QAM	1	12	22.68	22.78	22.74	23	1		
5	16QAM	1	24	22.47	22.52	22.67				
5	16QAM	12	0	21.55	21.74	21.73				
5	16QAM	12	7	21.59	21.62	21.78				
5	16QAM	12	13	21.64	21.59	21.66	22	2		
5	16QAM	25	0	21.52	21.62	21.69				
5	84QAM	1	0	21.49	21.54	21.58				
5	84QAM	1	12	21.60	21.67	21.68				
5	84QAM	1	24	21.32	21.39	21.56	22	2		
5	84QAM	12	0	20.66	20.73	20.86				
5	84QAM	12	7	20.64	20.66	20.77				
5	84QAM	12	13	20.53	20.58	20.69				
5	84QAM	25	0	20.60	20.67	20.71	21	3		
Channel				131987	132322	132657	Tune-up limit (dBm)			MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	22.98	23.01	23.02	24	0		
3	QPSK	1	8	23.31	23.32	23.24				
3	QPSK	1	14	22.93	23.02	22.93				
3	QPSK	8	0	22.64	22.75	22.73				
3	QPSK	8	4	22.66	22.65	22.58	23	1		
3	QPSK	8	7	22.57	22.59	22.59				
3	QPSK	15	0	22.59	22.73	22.66				
3	16QAM	1	0	22.59	22.60	22.72				
3	16QAM	1	8	22.73	22.77	22.72	23	1		
3	16QAM	1	14	22.51	22.59	22.61				
3	16QAM	8	0	21.50	21.70	21.71				
3	16QAM	8	4	21.64	21.71	21.76				
3	16QAM	8	7	21.55	21.57	21.73	22	2		
3	16QAM	15	0	21.60	21.63	21.77				
3	84QAM	1	0	21.48	21.54	21.63				
3	84QAM	1	8	21.65	21.69	21.67				
3	84QAM	1	14	21.31	21.36	21.56	22	2		
3	84QAM	8	0	20.64	20.77	20.76				
3	84QAM	8	4	20.65	20.76	20.80				
3	84QAM	8	7	20.57	20.61	20.71				
3	84QAM	15	0	20.56	20.62	20.79	21	3		
Channel				131979	132322	132665	Tune-up limit (dBm)			MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3				
1.4	QPSK	1	0	22.96	23.10	23.03	24	0		
1.4	QPSK	1	3	23.26	23.33	23.18				
1.4	QPSK	1	5	23.03	23.05	22.97				
1.4	QPSK	3	0	23.15	23.35	23.17				
1.4	QPSK	3	1	23.16	23.35	23.13	23	1		
1.4	QPSK	3	3	23.18	23.38	23.09				
1.4	QPSK	6	0	22.60	22.67	22.72				
1.4	16QAM	1	0	22.59	22.71	22.77				
1.4	16QAM	1	3	22.75	22.83	22.67	23	1		
1.4	16QAM	1	5	22.49	22.64	22.58				
1.4	16QAM	3	0	22.71	22.80	22.54				
1.4	16QAM	3	1	22.74	22.74	22.55				
1.4	16QAM	3	3	22.61	22.69	22.55	22	2		
1.4	16QAM	6	0	21.58	21.63	21.87				
1.4	84QAM	1	0	21.55	21.53	21.52				
1.4	84QAM	1	3	21.61	21.80	21.58				
1.4	84QAM	1	5	21.42	21.50	21.54	22	2		
1.4	84QAM	3	0	21.56	21.75	21.45				
1.4	84QAM	3	1	21.51	21.66	21.50				
1.4	84QAM	3	3	21.60	21.70	21.57				
1.4	84QAM	3	5	20.87	20.92	21.29	21	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	23.06	22.97	22.95	24	0				
20	QPSK	1	49	23.41	23.43	23.39						
20	QPSK	1	99	23.04	23.04	23.07						
20	QPSK	50	0	22.68	22.70	22.67						
20	QPSK	50	24	22.62	22.63	22.66	23	1				
20	QPSK	50	50	22.64	22.69	22.60						
20	QPSK	100	0	22.62	22.67	22.65						
20	16QAM	1	0	22.54	22.46	22.46						
20	16QAM	1	49	22.55	22.58	22.60	23	1				
20	16QAM	1	99	22.52	22.50	22.55						
20	16QAM	50	0	21.73	21.68	21.64						
20	16QAM	50	24	21.78	21.70	21.74						
20	16QAM	50	50	21.76	21.76	21.78	22	2				
20	16QAM	100	0	21.79	21.74	21.77						
20	64QAM	1	0	21.30	21.23	21.22						
20	64QAM	1	49	21.47	21.45	21.50						
20	64QAM	1	99	21.29	21.27	21.30	22	2				
20	64QAM	50	0	20.77	20.69	20.69						
20	64QAM	50	24	20.81	20.71	20.74						
20	64QAM	50	50	20.77	20.72	20.81						
20	64QAM	100	0	20.78	20.75	20.79	21	3				
Channel				37825	38000	38175				Tune-up limit (dBm)		
Frequency (MHz)				2577.5	2595	2612.5				MPR (dB)		
15	QPSK	1	0	23.00	22.82	22.92				24	0	
15	QPSK	1	37	23.31	23.36	23.25						
15	QPSK	1	74	22.99	22.93	23.02						
15	QPSK	36	0	22.59	22.57	22.60						
15	QPSK	36	20	22.52	22.49	22.58	23	1				
15	QPSK	36	39	22.50	22.63	22.54						
15	QPSK	75	0	22.57	22.65	22.61						
15	16QAM	1	0	22.39	22.42	22.45						
15	16QAM	1	37	22.40	22.57	22.55	23	1				
15	16QAM	1	74	22.51	22.46	22.54						
15	16QAM	36	0	21.72	21.54	21.62						
15	16QAM	36	20	21.67	21.59	21.71						
15	16QAM	36	39	21.63	21.68	21.67	22	2				
15	16QAM	75	0	21.75	21.65	21.70						
15	64QAM	1	0	21.27	21.17	21.16						
15	64QAM	1	37	21.40	21.41	21.38						
15	64QAM	1	74	21.22	21.20	21.21	22	2				
15	64QAM	36	0	20.65	20.65	20.65						
15	64QAM	36	20	20.67	20.60	20.59						
15	64QAM	36	39	20.63	20.58	20.75						
15	64QAM	75	0	20.65	20.62	20.70	21	3				
Channel				37800	38000	38200				Tune-up limit (dBm)		
Frequency (MHz)				2575	2595	2615				MPR (dB)		
10	QPSK	1	0	22.97	22.85	22.93				24	0	
10	QPSK	1	25	23.29	23.41	23.38						
10	QPSK	1	49	22.92	23.02	23.03						
10	QPSK	25	0	22.57	22.59	22.57						
10	QPSK	25	12	22.53	22.58	22.57	23	1				
10	QPSK	25	25	22.61	22.63	22.56						
10	QPSK	50	0	22.48	22.55	22.58						
10	16QAM	1	0	22.46	22.36	22.41						
10	16QAM	1	25	22.48	22.52	22.55	23	1				
10	16QAM	1	49	22.42	22.39	22.45						
10	16QAM	25	0	21.61	21.57	21.63						
10	16QAM	25	12	21.74	21.56	21.69						
10	16QAM	25	25	21.65	21.75	21.72	22	2				
10	16QAM	50	0	21.78	21.62	21.72						
10	64QAM	1	0	21.26	21.15	21.07						
10	64QAM	1	25	21.33	21.32	21.49						
10	64QAM	1	49	21.17	21.17	21.15	22	2				
10	64QAM	25	0	20.68	20.54	20.55						
10	64QAM	25	12	20.72	20.60	20.64						
10	64QAM	25	25	20.74	20.64	20.76						
10	64QAM	50	0	20.71	20.71	20.73	21	3				
Channel				37775	38000	38225				Tune-up limit (dBm)		
Frequency (MHz)				2572.5	2595	2617.5				MPR (dB)		
5	QPSK	1	0	23.02	22.83	22.85				24	0	
5	QPSK	1	12	23.31	23.40	23.33						
5	QPSK	1	24	22.99	23.00	23.02						
5	QPSK	12	0	22.66	22.55	22.56						
5	QPSK	12	7	22.57	22.54	22.55	23	1				
5	QPSK	12	13	22.58	22.66	22.55						
5	QPSK	25	0	22.50	22.63	22.62						
5	16QAM	1	0	22.40	22.34	22.35						
5	16QAM	1	12	22.48	22.48	22.54	23	1				
5	16QAM	1	24	22.45	22.48	22.51						
5	16QAM	12	0	21.63	21.54	21.57						
5	16QAM	12	7	21.74	21.61	21.84						
5	16QAM	12	13	21.66	21.66	21.65	22	2				
5	16QAM	25	0	21.74	21.66	21.70						
5	64QAM	1	0	21.25	21.11	21.07						
5	64QAM	1	12	21.35	21.31	21.46						
5	64QAM	1	24	21.22	21.15	21.24	22	2				
5	64QAM	12	0	20.71	20.54	20.68						
5	64QAM	12	7	20.77	20.67	20.65						
5	64QAM	12	13	20.65	20.65	20.71						
5	64QAM	25	0	20.74	20.74	20.64	21	3				
Channel				37750	38000	38250				Tune-up limit (dBm)		
Frequency (MHz)				2570	2595	2620				MPR (dB)		

Band 38_Ant 3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				37850	38000	38150					
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	22.53	22.40	22.37	24	0			
20	QPSK	1	49	22.80	22.82	22.71					
20	QPSK	1	99	22.47	22.37	22.36					
20	QPSK	50	0	22.15	22.18	22.10					
20	QPSK	50	24	22.12	22.06	22.01	23	1			
20	QPSK	50	50	22.11	22.10	22.08					
20	QPSK	100	0	22.12	22.15	22.06					
20	16QAM	1	0	22.03	21.90	21.85					
20	16QAM	1	49	22.17	22.15	22.10	23	1			
20	16QAM	1	99	21.97	21.87	21.84					
20	16QAM	50	0	21.22	21.10	21.04					
20	16QAM	50	24	21.23	21.10	21.07					
20	16QAM	50	50	21.19	21.13	21.08	22	2			
20	16QAM	100	0	21.26	21.14	21.12					
20	64QAM	1	0	20.78	20.68	20.60					
20	64QAM	1	49	20.85	20.82	20.88					
20	64QAM	1	99	20.72	20.65	20.61	22	3			
20	64QAM	50	0	20.24	20.12	20.04					
20	64QAM	50	24	20.29	20.12	20.08					
20	64QAM	50	50	20.25	20.15	20.15					
20	64QAM	100	0	20.29	20.16	20.11	Tune-up limit (dBm)				
Channel				37825	38000	38175	MPR (dB)				
Frequency (MHz)				2677.5	2695	2612.5					
15	QPSK	1	0	22.42	22.39	22.34	24	0			
15	QPSK	1	37	22.70	22.75	22.66					
15	QPSK	1	74	22.44	22.25	22.21					
15	QPSK	36	0	22.05	22.16	22.05					
15	QPSK	36	20	21.99	21.96	21.90	23	1			
15	QPSK	36	39	22.00	22.08	22.02					
15	QPSK	75	0	22.08	22.02	21.91					
15	16QAM	1	0	21.98	21.86	21.84					
15	16QAM	1	37	22.04	22.10	22.04	23	1			
15	16QAM	1	74	21.98	21.75	21.75					
15	16QAM	36	0	21.13	21.05	21.03					
15	16QAM	36	20	21.17	21.05	21.02					
15	16QAM	36	39	21.13	21.10	21.04	22	2			
15	16QAM	75	0	21.22	21.03	21.08					
15	64QAM	1	0	20.76	20.59	20.50					
15	64QAM	1	37	20.72	20.75	20.76					
15	64QAM	1	74	20.51	20.53	20.58	22	2			
15	64QAM	36	0	20.11	20.07	19.96					
15	64QAM	36	20	20.27	20.01	20.02					
15	64QAM	36	39	20.21	20.02	20.12					
15	64QAM	75	0	20.22	20.15	20.20	Tune-up limit (dBm)				
Channel				37800	38000	38200	MPR (dB)				
Frequency (MHz)				2575	2595	2615					
10	QPSK	1	0	22.52	22.27	22.36	24	0			
10	QPSK	1	49	22.44	22.71	22.75					
10	QPSK	1	49	22.44	22.32	22.22					
10	QPSK	25	0	22.03	22.15	22.04					
10	QPSK	25	12	22.04	21.96	21.94	23	1			
10	QPSK	25	25	22.09	22.01	22.03					
10	QPSK	50	0	21.99	22.11	21.98					
10	16QAM	1	0	21.88	21.83	21.70					
10	16QAM	1	25	22.03	21.10	21.98	23	1			
10	16QAM	1	49	21.98	21.72	21.81					
10	16QAM	25	0	21.19	21.06	20.98					
10	16QAM	25	12	21.22	20.98	20.98					
10	16QAM	25	25	21.07	21.05	21.05	22	2			
10	16QAM	50	0	21.25	21.04	21.02					
10	64QAM	1	0	20.58	20.58	20.58					
10	64QAM	1	25	20.70	20.65	20.67					
10	64QAM	1	49	20.68	20.50	20.55	22			2	
10	64QAM	25	0	20.09	20.08	19.94					
10	64QAM	25	12	20.15	20.09	20.06					
10	64QAM	25	25	20.18	20.01	20.06					
10	64QAM	50	0	20.16	20.14	20.13	Tune-up limit (dBm)				
Channel				37750	38000	38200	MPR (dB)				
Frequency (MHz)				2245	2255	2265					
5	QPSK	1	0	22.45	22.25	22.24	24	0			
5	QPSK	1	12	22.71	22.67	22.72					
5	QPSK	1	24	22.40	22.22	22.30					
5	QPSK	12	0	22.01	22.17	22.07					
5	QPSK	12	7	22.08	21.91	21.95	23	1			
5	QPSK	12	13	22.03	21.96	21.98					
5	QPSK	25	0	22.09	22.00	21.97					
5	16QAM	1	0	21.89	21.80	21.78					
5	16QAM	1	12	22.05	22.00	22.08	23	1			
5	16QAM	1	24	21.82	21.86	21.77					
5	16QAM	12	0	21.09	21.08	20.91					
5	16QAM	12	7	21.22	20.96	20.96					
5	16QAM	12	13	21.20	21.12	21.04	22	2			
5	16QAM	25	0	21.25	21.07	21.03					
5	64QAM	1	0	20.68	20.62	20.53					
5	64QAM	1	12	20.78	20.77	20.86					
5	64QAM	1	24	20.62	20.61	20.55	22			2	
5	64QAM	12	0	20.13	20.01	19.94					
5	64QAM	12	7	20.15	20.07	19.96					
5	64QAM	12	13	20.21	20.00	20.09					
5	64QAM	25	0	20.20	20.10	20.10	21	3			

Receive on

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.6		824.2	836.4	848.6	
GSM 1 Tx slot	32.07	32.20	32.09	33.50	23.07	23.20	23.09	24.50
GPRS 1 Tx slot	32.18	32.30	32.16	33.50	23.18	23.30	23.16	24.50
GPRS 2 Tx slot	30.33	30.35	30.32	31.50	24.33	24.35	24.32	25.50
GPRS 3 Tx slot	28.27	28.32	28.17	29.50	24.01	24.06	23.91	25.24
GPRS 4 Tx slot	26.23	26.37	26.34	27.50	23.23	23.37	23.34	24.50
EDGE 1 Tx slot	26.14	26.21	26.18	27.50	17.14	17.21	17.18	18.50
EDGE 2 Tx slot	24.13	24.22	24.18	25.50	16.13	16.22	16.18	18.50
EDGE 3 Tx slot	21.85	21.92	21.78	23.50	17.59	17.66	17.52	19.24
EDGE 4 Tx slot	19.57	19.68	19.67	21.00	16.57	16.68	16.67	18.00

Band	WCDMA 1_Ant 0			Tune-up Limit (dBm)	WCDMA 1_Ant 0			Tune-up Limit (dBm)
	9802	9800	9838		1312	1413	1513	
Tx Channel	9802	9800	9838		1537	1638	1738	
Rx Channel	1652.4	1680	1607.6		1712.4	1752.6	1752.6	
Frequency (MHz)	1652.4	1680	1607.6		1712.4	1752.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.47	23.58	23.50	24.00	23.55	23.84	23.59
3GPP Rel 99	RMC 12.2Kbps	23.52	23.60	23.55	24.00	23.60	23.67	23.65
3GPP Rel 6	HSDPA Subtest-1	22.90	22.85	22.87	23.00	22.84	22.81	22.85
3GPP Rel 6	HSDPA Subtest-2	22.83	22.77	22.75	23.00	22.78	22.73	22.78
3GPP Rel 6	HSDPA Subtest-3	22.36	22.30	22.25	22.50	22.31	22.22	22.28
3GPP Rel 6	HSDPA Subtest-4	22.28	22.27	22.23	22.50	22.23	22.18	22.23
3GPP Rel 6	DC-HSDPA Subtest-1	22.81	22.80	22.86	23.00	22.72	22.74	22.79
3GPP Rel 6	DC-HSDPA Subtest-2	22.70	22.67	22.73	23.00	22.73	22.65	22.75
3GPP Rel 6	DC-HSDPA Subtest-3	22.30	22.24	22.11	22.50	22.30	22.12	22.20
3GPP Rel 6	DC-HSDPA Subtest-4	22.16	22.26	22.13	22.50	22.19	22.15	22.12
3GPP Rel 6	HSUPA Subtest-1	20.95	20.93	20.90	21.50	20.85	20.89	20.95
3GPP Rel 6	HSUPA Subtest-2	20.80	20.89	20.92	21.50	20.82	20.92	20.94
3GPP Rel 6	HSUPA Subtest-3	21.92	21.87	21.89	22.50	21.81	21.88	21.92
3GPP Rel 6	HSUPA Subtest-4	20.49	20.47	20.45	21.00	20.34	20.38	20.45
3GPP Rel 6	HSUPA Subtest-5	21.90	21.80	21.80	22.50	21.80	21.80	21.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.43	20.33	20.40	21.00	20.33	20.36	20.40

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1860	1909.8		1850.2	1860	1909.8	
GSM 1 Tx slot	28.97	29.00	28.89	30.50	19.97	20.00	19.89	21.50
GPRS 1 Tx slot	28.99	29.02	29.01	30.50	19.99	20.02	20.01	21.50
GPRS 2 Tx slot	27.18	27.21	27.09	28.50	21.18	21.21	21.09	22.50
GPRS 3 Tx slot	25.46	25.52	25.44	26.50	21.20	21.26	21.18	22.24
GPRS 4 Tx slot	23.59	23.72	23.67	24.50	20.59	20.72	20.67	21.50
EDGE 1 Tx slot	25.33	25.48	25.46	26.50	16.33	16.48	16.46	17.50
EDGE 2 Tx slot	23.43	23.51	23.50	24.50	17.43	17.51	17.50	18.50
EDGE 3 Tx slot	21.30	21.43	21.28	22.50	17.04	17.17	17.02	18.24
EDGE 4 Tx slot	19.14	19.22	19.18	20.50	16.14	16.22	16.18	17.50

Band		WCDMA V_Ant 0			Time Limit (dBm)
Tx Channel	Rx Channel	4132	4182	4233	
Frequency (MHz)		826.7	846.7	866.6	
3GPP Rel 99	AMR 12.2Kbps	23.40	23.40	23.38	24.00
3GPP Rel 99	RMC 12.2Kbps	23.44	23.46	23.42	24.00
3GPP Rel 6	HSDPA Subtest-1	22.88	22.54	22.60	23.00
3GPP Rel 6	HSDPA Subtest-2	22.62	22.45	22.34	23.00
3GPP Rel 6	HSDPA Subtest-3	22.09	22.01	21.93	22.50
3GPP Rel 6	HSDPA Subtest-4	22.04	22.00	21.94	22.50
3GPP Rel 6	DC-HSDPA Subtest-1	22.80	22.47	22.56	23.00
3GPP Rel 6	DC-HSDPA Subtest-2	22.49	22.35	22.24	23.00
3GPP Rel 6	DC-HSDPA Subtest-3	22.07	21.88	21.87	22.50
3GPP Rel 6	DC-HSDPA Subtest-4	21.97	21.87	21.89	22.50
3GPP Rel 6	HSUPA Subtest-1	20.85	20.54	20.56	21.50
3GPP Rel 6	HSUPA Subtest-2	20.55	20.46	20.54	21.50
3GPP Rel 6	HSUPA Subtest-3	21.84	21.52	21.54	22.50
3GPP Rel 6	HSUPA Subtest-4	20.18	20.00	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	21.50	21.50	21.40	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.09	19.88	19.94	21.00

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												
Frequency (MHz)												
20	QPSK	1	0	23.09	23.03	23.06	24	0				
20	QPSK	1	49	23.37	23.42	23.36						
20	QPSK	1	99	22.96	22.98	22.98						
20	QPSK	50	0	22.34	22.40	22.36						
20	QPSK	50	24	22.30	22.37	22.31	23	1				
20	QPSK	100	0	22.33	22.41	22.33						
20	16QAM	1	0	22.35	22.32	22.34						
20	16QAM	1	49	22.63	22.65	22.63						
20	16QAM	1	99	22.20	22.21	22.20	23	1				
20	16QAM	50	0	21.32	21.35	21.35						
20	16QAM	50	24	21.34	21.36	21.35						
20	16QAM	50	50	21.29	21.35	21.27						
20	16QAM	100	0	21.29	21.30	21.30	22	2				
20	64QAM	1	0	21.22	21.20	21.22						
20	64QAM	1	49	21.59	21.57	21.54						
20	64QAM	1	99	21.21	21.21	21.26						
20	64QAM	50	0	20.39	20.49	20.36	21	3				
20	64QAM	50	24	20.37	20.39	20.37						
20	64QAM	50	50	20.28	20.37	20.27						
20	64QAM	100	0	20.33	20.40	20.34						
Channel												
Frequency (MHz)												
15	QPSK	1	0	18.07	18.00	18.05	24	0				
15	QPSK	1	37	23.21	23.29	23.05						
15	QPSK	1	74	22.94	22.89	22.93						
15	QPSK	36	0	22.31	22.31	22.19						
15	QPSK	36	20	22.25	22.33	22.30	23	1				
15	QPSK	36	39	22.19	22.35	22.20						
15	QPSK	75	0	22.18	22.39	22.32						
15	16QAM	1	0	22.22	22.29	22.29						
15	16QAM	1	37	22.49	22.57	22.49	23	1				
15	16QAM	1	74	22.11	22.07	22.17						
15	16QAM	36	0	21.30	21.39	21.21						
15	16QAM	36	20	21.20	21.29	21.21						
15	16QAM	36	39	21.17	21.31	21.13	22	2				
15	16QAM	75	0	21.24	21.21	21.23						
15	64QAM	1	0	21.09	21.07	21.09						
15	64QAM	1	37	21.58	21.42	21.51						
15	64QAM	1	74	21.16	21.13	21.13	22	2				
15	64QAM	36	0	20.28	20.48	20.22						
15	64QAM	36	20	20.29	20.38	20.31						
15	64QAM	36	39	20.24	20.34	20.18						
15	64QAM	75	0	20.22	20.39	20.25	21	3				
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.04	23.01	23.02	24	0				
10	QPSK	1	25	23.22	23.35	23.27						
10	QPSK	1	49	22.86	22.86	22.91						
10	QPSK	25	0	22.25	22.30	22.21						
10	QPSK	25	12	22.24	22.31	22.29	23	1				
10	QPSK	25	25	22.18	22.28	22.20						
10	QPSK	50	0	22.29	22.29	22.27						
10	16QAM	1	0	22.34	22.23	22.24						
10	16QAM	1	25	22.53	22.59	22.48	23	1				
10	16QAM	1	49	22.05	22.16	22.11						
10	16QAM	25	0	21.30	21.31	21.32						
10	16QAM	25	12	21.26	21.31	21.33						
10	16QAM	25	25	21.28	21.21	21.23	22	2				
10	16QAM	50	0	21.16	21.29	21.19						
10	64QAM	1	0	21.13	21.07	21.12						
10	64QAM	1	25	21.56	21.44	21.44						
10	64QAM	1	49	21.26	21.23	21.16	22	2				
10	64QAM	25	0	20.29	20.44	20.26						
10	64QAM	25	12	20.32	20.38	20.27						
10	64QAM	25	25	20.15	20.36	20.24						
10	64QAM	50	0	20.25	20.32	20.26	Tune-up limit (dBm)		MPR (dB)			
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.87	22.86	22.86	24	0				
5	QPSK	1	12	23.22	23.30	23.20						
5	QPSK	1	24	22.85	22.83	22.95						
5	QPSK	12	0	22.29	22.39	22.31						
5	QPSK	12	7	22.26	22.34	22.20	23	1				
5	QPSK	12	13	22.18	22.34	22.17						
5	QPSK	25	0	22.19	22.31	22.25						
5	16QAM	1	0	22.29	22.31	22.29						
5	16QAM	1	12	22.50	22.56	22.48	23	1				
5	16QAM	1	24	22.18	22.20	22.13						
5	16QAM	12	0	21.30	21.36	21.23						
5	16QAM	12	7	21.26	21.24	21.31						
5	16QAM	12	13	21.22	21.32	21.16	22	2				
5	16QAM	25	0	21.25	21.33	21.25						
5	64QAM	1	0	21.12	21.13	21.20						
5	64QAM	1	12	21.48	21.56	21.50						
5	64QAM	1	24	21.20	21.21	21.18	22	2				
5	64QAM	12	0	20.38	20.46	20.27						
5	64QAM	12	7	20.35	20.38	20.30						
5	64QAM	12	13	20.25	20.34	20.15						
5	64QAM	25	0	20.21	20.29	20.20	Tune-up limit (dBm)		MPR (dB)			
Channel												
Frequency (MHz)												
3	QPSK	1	0	22.99	22.89	22.99	24	0				
3	QPSK	1	8	23.31	23.36	23.23						
3	QPSK	1	14	22.86	22.94	22.84						
3	QPSK	8	0	22.31	22.27	22.24						
3	QPSK	8	4	22.16	22.21	22.24	23	1				
3	QPSK	8	7	22.22	22.26	22.15						
3	QPSK	15	0	22.22	22.39	22.24						
3	16QAM	1	0	22.33	22.19	22.32						
3	16QAM	1	8	22.49	22.52	22.48	23	1				
3	16QAM	1	14	22.11	22.15	22.11						
3	16QAM	8	0	21.31	21.44	21.26						
3	16QAM	8	4	21.27	21.28	21.30						
3	16QAM	8	7	21.28	21.30	21.20	22	2				
3	16QAM	15	0	21.19	21.37	21.18						
3	64QAM	1	0	21.08	21.12	21.07						
3	64QAM	1	8	21.46	21.49	21.51						
3	64QAM	1	14	21.21	21.13	21.14	22	2				
3	64QAM	8	0	20.28	20.48	20.28						
3	64QAM	8	4	20.34	20.29	20.28						
3	64QAM	8	7	20.27	20.34	20.16						
3	64QAM	15	0	20.21	20.35	20.19	Tune-up limit (dBm)		MPR (dB)			
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	22.97	22.88	23.03	24	0				
1.4	QPSK	1	5	23.29	23.33	23.24						
1.4	QPSK	3	0	22.92	22.97	22.90						
1.4	QPSK	3	1	23.28	23.27	23.21						
1.4	QPSK	3	3	22.94	22.89	22.89	23	1				
1.4	QPSK	6	0	22.21	22.29	22.24						
1.4	16QAM	1	0	22.48	22.37	22.47						
1.4	16QAM	1	3	22.55	22.47	22.53						
1.4	16QAM	3	0	22.53	22.43	22.43	23	1				
1.4	16QAM	3	1	22.57	22.48	22.45						
1.4	16QAM	3	3	22.48	22.38	22.46						
1.4	16QAM	6	0	21.43	21.24	21.16						
1.4	16QAM	6	0	21.40	21.49	21.45	22	2				
1.4	64QAM	1	3	21.55	21.56	21.52						
1.4	64QAM	1	5	21.44	21.46	21.47						
1.4	64QAM	3	1	21.51	21.49	21.49						
1.4	64QAM	3	1	21.51	21.49	21.49	22	2				
1.4	64QAM	3	3	21.45	21.41	21.43						
1.4	64QAM	6	0	20.36	20.30	20.27						
1.4	64QAM	6	3	20.36	20.30	20.27						

Band 4_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	18.89	18.86	18.83	20.5	0	
20	QPSK	1	49	18.78	18.86	18.73			
20	QPSK	1	99	18.78	18.86	18.73			
20	QPSK	50	0	18.56	18.63	18.59	19.5	1	
20	QPSK	50	24	18.61	18.64	18.61			
20	QPSK	50	50	18.56	18.52	18.55			
20	QPSK	100	0	18.55	18.60	18.57	19.5	1	
20	16QAM	1	0	18.51	18.63	18.55			
20	16QAM	1	49	18.63	18.59	18.58			
20	16QAM	1	99	18.37	18.30	18.40	18.5	2	
20	16QAM	50	0	17.58	17.54	17.58			
20	16QAM	50	24	17.56	17.52	17.57			
20	16QAM	50	50	17.47	17.57	17.45	18.5	2	
20	16QAM	100	0	17.54	17.58	17.56			
20	16QAM	50	99	17.46	17.45	17.40			
20	64QAM	1	49	17.75	17.69	17.74	17.5	3	
20	64QAM	1	99	17.32	17.32	17.29			
20	64QAM	50	0	16.58	16.61	16.64			
20	64QAM	50	24	16.66	16.57	16.65	17.5	3	
20	64QAM	50	50	16.49	16.50	16.47			
20	64QAM	100	0	16.58	16.55	16.55			
Channel				20925	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	18.75	18.76	18.70	20.5	0	
15	QPSK	1	37	19.14	19.15	19.08			
15	QPSK	1	74	18.73	18.60	18.61			
15	QPSK	36	0	18.47	18.56	18.47	19.5	1	
15	QPSK	36	20	18.53	18.50	18.56			
15	QPSK	36	39	18.41	18.47	18.47			
15	QPSK	75	0	18.41	18.50	18.46	19.5	1	
15	16QAM	1	0	18.36	18.54	18.43			
15	16QAM	1	37	18.73	18.75	18.79			
15	16QAM	1	74	18.24	18.21	18.32	18.5	2	
15	16QAM	36	0	17.42	17.41	17.53			
15	16QAM	36	20	17.41	17.44	17.41			
15	16QAM	36	39	17.42	17.46	17.33	17.5	3	
15	16QAM	75	0	17.40	17.44	17.46			
15	64QAM	1	0	17.32	17.36	17.32			
15	64QAM	1	37	17.70	17.59	17.64	18.5	2	
15	64QAM	1	74	17.25	17.26	17.24			
15	64QAM	36	0	16.44	16.53	16.49			
15	64QAM	36	20	16.58	16.51	16.57	17.5	3	
15	64QAM	36	39	16.38	16.40	16.32			
15	64QAM	75	0	16.45	16.48	16.48			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	18.77	18.72	18.76	20.5	0	
10	QPSK	1	25	19.16	19.18	19.10			
10	QPSK	1	49	18.68	18.54	18.62			
10	QPSK	25	0	18.44	18.57	18.40	19.5	1	
10	QPSK	25	12	18.50	18.59	18.52			
10	QPSK	25	25	18.45	18.39	18.46			
10	QPSK	50	0	18.43	18.50	18.49	19.5	1	
10	16QAM	1	0	18.46	18.51	18.44			
10	16QAM	1	25	18.78	18.76	18.74			
10	16QAM	49	0	18.26	18.15	18.30	18.5	2	
10	16QAM	25	0	17.44	17.45	17.50			
10	16QAM	25	12	17.41	17.37	17.49			
10	16QAM	25	25	17.39	17.46	17.35	18.5	2	
10	16QAM	50	0	17.48	17.49	17.44			
10	64QAM	1	0	17.31	17.39	17.31	18.5	2	
10	64QAM	25	25	17.68	17.63	17.68			
10	64QAM	1	49	17.19	17.25	17.14			
10	64QAM	25	0	16.47	16.51	16.58	17.5	3	
10	64QAM	25	12	16.51	16.46	16.56			
10	64QAM	25	25	16.37	16.36	16.34			
10	64QAM	50	0	16.45	16.48	16.44	Tune-up limit (dBm)	MPR (dB)	
Channel				19975	20175	20375			
Frequency (MHz)				1712.5	1732.5	1752.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	18.79	18.75	18.75		20.5	
5	QPSK	1	12	19.18	19.18	19.10			
5	QPSK	1	24	18.68	18.62	18.65	19.5	1	
5	QPSK	12	0	18.41	18.58	18.50			
5	QPSK	12	7	18.55	18.56	18.53	19.5	1	
5	QPSK	12	13	18.46	18.39	18.49			
5	QPSK	25	0	18.46	18.48	18.52	19.5	1	
5	16QAM	1	0	18.36	18.56	18.40			
5	16QAM	1	12	18.68	18.80	18.73	18.5	2	
5	16QAM	1	24	18.28	18.23	18.28			
5	16QAM	12	0	17.42	17.48	17.45	18.5	2	
5	16QAM	12	7	17.44	17.45	17.47			
5	16QAM	12	13	17.32	17.50	17.31	17.5	3	
5	16QAM	25	0	17.43	17.45	17.45			
5	64QAM	1	0	17.31	17.33	17.32	18.5	2	
5	64QAM	1	12	17.67	17.64	17.67			
5	64QAM	1	24	17.26	17.20	17.23	17.5	3	
5	64QAM	12	0	16.49	16.52	16.53			
5	64QAM	12	7	16.53	16.43	16.53	Tune-up limit (dBm)	MPR (dB)	
5	64QAM	12	13	16.39	16.39	16.34			
5	64QAM	25	0	16.42	16.51	16.42	Tune-up limit (dBm)	MPR (dB)	
Channel				19985	20175	20385			
Frequency (MHz)				1711.5	1732.5	1753.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	18.78	18.74	18.75		20.5	
3	QPSK	1	8	19.17	19.13	19.13			
3	QPSK	1	14	18.69	18.57	18.60	19.5	1	
3	QPSK	8	0	18.43	18.54	18.45			
3	QPSK	8	4	18.50	18.55	18.50	19.5	1	
3	QPSK	8	7	18.49	18.37	18.41			
3	QPSK	15	0	18.40	18.49	18.44	18.5	2	
3	16QAM	1	0	18.45	18.52	18.49			
3	16QAM	1	8	18.73	18.78	18.77	18.5	2	
3	16QAM	1	14	18.22	18.19	18.27			
3	16QAM	8	0	17.51	17.49	17.51	17.5	3	
3	16QAM	8	4	17.51	17.37	17.44			
3	16QAM	8	7	17.33	17.52	17.35	18.5	2	
3	16QAM	15	0	17.42	17.42	17.42			
3	64QAM	1	0	17.33	17.34	17.30	18.5	2	
3	64QAM	1	8	17.60	17.54	17.67			
3	64QAM	3	0	17.28	17.17	17.17	17.5	3	
3	64QAM	8	0	16.44	16.48	16.56			
3	64QAM	8	4	16.58	16.46	16.53	Tune-up limit (dBm)	MPR (dB)	
3	64QAM	8	7	16.38	16.37	16.38			
3	64QAM	15	0	16.44	16.55	16.46	Tune-up limit (dBm)	MPR (dB)	
Channel				19957	20175	20393			
Frequency (MHz)				1710.7	1732.5	1754.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	18.82	18.75	18.78		20.5	
1.4	QPSK	1	3	19.16	19.16	19.04			
1.4	QPSK	1	5	18.63	18.61	18.60	19.5	1	
1.4	QPSK	3	0	18.80	18.61	18.65			
1.4	QPSK	3	1	19.07	19.11	18.94	18.5	2	

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	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	23.08	23.12	23.01	24	0		
20	QPSK	1	49	23.44	23.50	23.44				
20	QPSK	1	99	23.08	23.13	23.06				
20	QPSK	50	0	22.77	22.78	22.78				
20	QPSK	50	24	22.72	22.78	22.73	23	1		
20	QPSK	50	50	22.75	22.83	22.72				
20	QPSK	100	0	22.71	22.81	22.70				
20	16QAM	1	0	22.54	22.61	22.58				
20	16QAM	1	49	22.82	22.80	22.87	23	1		
20	16QAM	1	99	22.79	22.70	22.75				
20	16QAM	50	0	21.87	21.77	21.72				
20	16QAM	50	24	21.73	21.81	21.73				
20	16QAM	50	50	21.77	21.84	21.71	22	2		
20	16QAM	100	0	21.72	21.81	21.70				
20	64QAM	1	0	21.52	21.60	21.52				
20	64QAM	1	49	21.65	21.63	21.58				
20	64QAM	1	99	21.55	21.57	21.44	22	2		
20	64QAM	50	0	20.65	20.74	20.69				
20	64QAM	50	24	20.72	20.79	20.72				
20	64QAM	50	50	20.74	20.83	20.72				
20	64QAM	100	0	20.72	20.80	20.70	21	3		
Channel				20825	21100	21375				Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	22.93	22.99	22.99	24	0		
15	QPSK	1	37	23.30	23.35	23.35				
15	QPSK	1	74	22.98	23.06	22.99				
15	QPSK	36	0	22.70	22.78	22.64				
15	QPSK	36	20	22.65	22.67	22.62	23	1		
15	QPSK	36	39	22.68	22.81	22.68				
15	QPSK	75	0	22.57	22.69	22.64				
15	16QAM	1	0	22.52	22.56	22.44				
15	16QAM	1	37	22.79	22.70	22.84	23	1		
15	16QAM	1	74	22.78	22.64	22.61				
15	16QAM	36	0	21.65	21.65	21.64				
15	16QAM	36	20	21.68	21.70	21.65				
15	16QAM	36	39	21.73	21.79	21.82	22	2		
15	16QAM	75	0	21.66	21.69	21.65				
15	64QAM	1	0	21.46	21.53	21.47				
15	64QAM	1	37	21.57	21.53	21.53				
15	64QAM	1	74	21.53	21.55	21.37	22	2		
15	64QAM	36	0	20.50	20.59	20.55				
15	64QAM	36	20	20.62	20.69	20.63				
15	64QAM	36	39	20.73	20.68	20.66				
15	64QAM	75	0	20.70	20.75	20.60	21	3		
Channel				20800	21100	21400				Tune-up limit (dBm)
Frequency (MHz)				22925	2335	2365	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	0	22.93	22.97	22.98	24	0		
10	QPSK	1	25	23.40	23.41	23.34				
10	QPSK	1	49	22.99	23.03	22.96				
10	QPSK	25	0	22.64	22.83	22.77				
10	QPSK	25	12	22.70	22.76	22.68	23	1		
10	QPSK	25	25	22.65	22.75	22.71				
10	QPSK	50	0	22.56	22.68	22.67				
10	16QAM	1	0	22.46	22.57	22.56				
10	16QAM	1	25	22.74	22.76	22.82	23	1		
10	16QAM	1	49	22.75	22.59	22.65				
10	16QAM	25	0	21.65	21.63	21.61				
10	16QAM	25	12	21.70	21.78	21.64				
10	16QAM	25	25	21.76	21.82	21.68	22	2		
10	16QAM	50	0	21.65	21.77	21.69				
10	64QAM	1	0	21.48	21.59	21.50				
10	64QAM	1	25	21.56	21.58	21.43				
10	64QAM	1	49	21.42	21.49	21.30	21	3		
10	64QAM	25	0	20.59	20.67	20.54				
10	64QAM	25	12	20.64	20.69	20.60				
10	64QAM	25	25	20.59	20.72	20.69				
10	64QAM	50	0	20.66	20.74	20.68	Channel			
Frequency (MHz)				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	22.96	23.00	22.98	24	0		
5	QPSK	1	12	23.39	23.37	23.36				
5	QPSK	1	24	22.93	23.04	23.01				
5	QPSK	12	0	22.62	22.81	22.70				
5	QPSK	12	7	22.70	22.76	22.72	23	1		
5	QPSK	12	13	22.61	22.82	22.64				
5	QPSK	25	0	22.57	22.68	22.60				
5	16QAM	1	0	22.41	22.50	22.57				
5	16QAM	1	12	22.72	22.75	22.80	23	1		
5	16QAM	1	24	22.68	22.64	22.66				
5	16QAM	12	0	21.60	21.75	21.59				
5	16QAM	12	7	21.66	21.78	21.66				
5	16QAM	12	13	21.71	21.69	21.67	22	2		
5	16QAM	25	0	21.71	21.76	21.68				
5	64QAM	1	0	21.42	21.59	21.42				
5	64QAM	1	12	21.57	21.51	21.55				
5	64QAM	1	24	21.40	21.45	21.29	22	2		
5	64QAM	12	0	20.56	20.71	20.65				
5	64QAM	12	7	20.67	20.65	20.62				
5	64QAM	12	13	20.73	20.74	20.70				
5	64QAM	25	0	20.64	20.76	20.57	21	3		

Band 7_Ant 3									
BW [MHz]	Modulation	n	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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					2510	2535	2560		
20	QPSK	1	0	14.74	14.85	14.72	14.72	16.5	0
20	QPSK	1	49	15.06	15.16	15.15			
20	QPSK	1	99	14.78	14.87	14.82			
20	QPSK	50	0	14.54	14.59	14.54			
20	QPSK	50	24	14.49	14.54	14.54	14.54	15.5	1
20	QPSK	50	50	14.53	14.59	14.56			
20	QPSK	100	0	14.47	14.63	14.56			
20	16QAM	1	0	14.31	14.40	14.40			
20	16QAM	1	49	14.68	14.74	14.64	14.64	15.5	1
20	16QAM	1	99	14.35	14.54	14.36			
20	16QAM	50	0	13.49	13.57	13.51			
20	16QAM	50	24	13.52	13.63	13.60			
20	16QAM	50	50	13.50	13.62	13.54	13.54	14.5	2
20	16QAM	100	0	13.47	13.60	13.58			
20	64QAM	1	0	13.32	13.43	13.29			
20	64QAM	1	49	13.65	13.66	13.70			
20	64QAM	1	99	13.29	13.43	13.36	13.36	14.5	2
20	64QAM	50	0	12.40	12.57	12.50			
20	64QAM	50	24	12.51	12.62	12.62			
20	64QAM	50	50	12.58	12.58	12.61			
20	64QAM	100	0	12.50	12.55	12.58	12.58	13.5	3
Channel					20825	21100	21375		
Frequency (MHz)					2507.5	2535	2562.5		
15	QPSK	1	0	14.65	14.75	14.63	14.63		
15	QPSK	1	37	15.01	15.08	15.04			
15	QPSK	1	74	14.64	14.72	14.77			
15	QPSK	36	0	14.49	14.52	14.47			
15	QPSK	36	20	14.38	14.46	14.40	14.40	15.5	1
15	QPSK	36	39	14.42	14.49	14.41			
15	QPSK	75	0	14.42	14.49	14.43			
15	16QAM	1	0	14.26	14.32	14.35			
15	16QAM	1	37	14.54	14.59	14.53	14.53	15.5	1
15	16QAM	1	74	14.21	14.47	14.28			
15	16QAM	36	0	13.43	13.49	13.38			
15	16QAM	36	20	13.47	13.55	13.52			
15	16QAM	36	39	13.41	13.53	13.40	13.40	14.5	2
15	16QAM	75	0	13.32	13.52	13.50			
15	16QAM	1	0	13.20	13.36	13.18			
15	16QAM	1	37	13.52	13.63	13.58			
15	16QAM	1	74	13.24	13.34	13.22	13.22	14.5	2
15	64QAM	1	0	12.25	12.46	12.25			
15	64QAM	36	0	12.26	12.57	12.57			
15	64QAM	36	39	12.46	12.47	12.50			
15	64QAM	75	0	12.44	12.47	12.43	12.43	13.5	3
Channel					20850	21100	21400		
Frequency (MHz)					2508	2535	2565		
10	QPSK	1	0	14.62	14.71	14.61	14.61		
10	QPSK	1	25	14.97	15.09	15.05			
10	QPSK	1	49	14.65	14.77	14.72			
10	QPSK	25	0	14.40	14.50	14.52			
10	QPSK	25	12	14.41	14.42	14.48	14.48	15.5	1
10	QPSK	25	25	14.48	14.44	14.51			
10	QPSK	50	0	14.40	14.55	14.51			
10	16QAM	1	0	14.26	14.33	14.30			
10	16QAM	1	25	14.62	14.63	14.53	14.53	15.5	1
10	16QAM	1	49	14.30	14.44	14.23			
10	16QAM	25	0	13.34	13.49	13.44			
10	16QAM	25	12	13.47	13.56	13.52			
10	16QAM	25	25	13.42	13.53	13.50	13.50	14.5	2
10	16QAM	50	0	13.28	13.45	13.44			
10	64QAM	1	0	13.18	13.36	13.22			
10	64QAM	1	25	13.58	13.55	13.63			
10	64QAM	1	49	13.19	13.32	13.24	13.24	14.5	2
10	64QAM	25	0	12.27	12.51	12.45			
10	64QAM	25	12	12.38	12.52	12.57			
10	64QAM	25	25	12.46	12.45	12.57			
10	64QAM	50	0	12.35	12.40	12.47	12.47	13.5	3
Channel					2072.5	21190	21245		
Frequency (MHz)					2502.5	2535	2567.5		
5	QPSK	1	0	14.59	14.74	14.65	14.65		
5	QPSK	1	12	14.97	15.06	15.11			
5	QPSK	1	24	14.67	14.73	14.68			
5	QPSK	12	0	14.40	14.48	14.49			
5	QPSK	12	7	14.42	14.41	14.40	14.40	15.5	1
5	QPSK	12	13	14.40	14.45	14.46			
5	QPSK	25	0	14.40	14.50	14.50			
5	16QAM	1	0	14.25	14.30	14.26			
5	16QAM	1	12	14.55	14.66	14.54	14.54	15.5	1
5	16QAM	1	24	14.27	14.46	14.30			
5	16QAM	12	0	13.40	13.52	13.44			
5	16QAM	12	7	13.57	13.57	13.46			
5	16QAM	12	13	13.41	13.54	13.45	13.45	14.5	2
5	16QAM	25	0	13.41	13.45	13.48			
5	64QAM	1	0	13.21	13.33	13.23			
5	64QAM	1	12	13.57	13.52	13.55			
5	64QAM	1	24	13.17	13.33	13.31	13.31	14.5	2
5	64QAM	12	0	12.30	12.45	12.45			
5	64QAM	12	7	12.46	12.46	12.55			
5	64QAM	12	13	12.49	12.45	12.53			
5	64QAM	25	0	12.36	12.50	12.43	12.43	13.5	3

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	23.18	23.18	23.19	24	0	
15	QPSK	1	37	23.48	23.50	23.45			
15	QPSK	1	74	23.23	23.14	23.14			
15	QPSK	36	0	22.41	22.43	22.39	23	1	
15	QPSK	36	20	22.39	22.37	22.37			
15	QPSK	36	39	22.30	22.35	22.29			
15	QPSK	75	0	22.30	22.39	22.35	23	1	
15	16QAM	1	0	22.43	22.36	22.47			
15	16QAM	1	37	22.69	22.72	22.68			
15	16QAM	1	74	22.49	22.40	22.40	22	2	
15	16QAM	36	0	21.25	21.35	21.33			
15	16QAM	36	20	21.38	21.37	21.35			
15	16QAM	36	39	21.26	21.36	21.27	21	3	
15	16QAM	75	0	21.27	21.38	21.33			
15	64QAM	1	0	21.32	21.31	21.38			
15	64QAM	1	37	21.58	21.60	21.63	22	2	
15	64QAM	1	74	21.36	21.34	21.32			
15	64QAM	36	0	20.35	20.45	20.43			
15	64QAM	36	20	20.44	20.48	20.43	21	3	
15	64QAM	36	39	20.33	20.46	20.30			
15	64QAM	75	0	20.35	20.44	20.39			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.08	23.05	23.04	24	0	
10	QPSK	1	25	23.38	23.38	23.32			
10	QPSK	1	49	23.12	23.01	23.08			
10	QPSK	25	0	22.27	22.34	22.30	23	1	
10	QPSK	25	12	22.31	22.38	22.22			
10	QPSK	25	25	22.22	22.27	22.26			
10	QPSK	50	0	22.17	22.25	22.20	23	1	
10	16QAM	1	0	22.41	22.24	22.45			
10	16QAM	1	25	22.60	22.69	22.56			
10	16QAM	1	49	22.44	22.32	22.32	22	2	
10	16QAM	25	0	21.24	21.31	21.23			
10	16QAM	25	12	21.26	21.26	21.24			
10	16QAM	25	25	21.14	21.23	21.18	21	3	
10	16QAM	50	0	21.22	21.36	21.30			
10	64QAM	1	0	21.23	21.25	21.35			
10	64QAM	1	25	21.55	21.58	21.61	22	2	
10	64QAM	1	49	21.23	21.27	21.21			
10	64QAM	25	0	20.24	20.40	20.30			
10	64QAM	25	12	20.37	20.40	20.34	21	3	
10	64QAM	25	25	20.30	20.35	20.27			
10	64QAM	50	0	20.28	20.29	20.31			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.16	23.11	23.12	24	0	
5	QPSK	1	12	23.47	23.46	23.36			
5	QPSK	1	24	23.13	23.08	23.03			
5	QPSK	12	0	22.29	22.37	22.37	23	1	
5	QPSK	12	7	22.31	22.39	22.28			
5	QPSK	12	13	22.24	22.25	22.27			
5	QPSK	25	0	22.23	22.31	22.20	23	1	
5	16QAM	1	0	22.29	22.25	22.44			
5	16QAM	1	12	22.62	22.60	22.65			
5	16QAM	1	24	22.36	22.25	22.37	22	2	
5	16QAM	12	0	21.16	21.33	21.31			
5	16QAM	12	7	21.36	21.30	21.22			
5	16QAM	12	13	21.20	21.31	21.18	21	3	
5	16QAM	25	0	21.14	21.33	21.29			
5	64QAM	1	0	21.28	21.16	21.35			
5	64QAM	1	12	21.55	21.56	21.58	22	2	
5	64QAM	1	24	21.25	21.20	21.27			
5	64QAM	12	0	20.26	20.36	20.29			
5	64QAM	12	7	20.30	20.39	20.28	21	3	
5	64QAM	12	13	20.32	20.37	20.20			
5	64QAM	25	0	20.29	20.30	20.37			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.07	23.17	23.13	24	0	
3	QPSK	1	8	23.43	23.48	23.39			
3	QPSK	1	14	23.20	23.05	23.02			
3	QPSK	8	0	22.30	22.37	22.26	23	1	
3	QPSK	8	4	22.32	22.35	22.24			
3	QPSK	8	7	22.29	22.28	22.25			
3	QPSK	15	0	22.25	22.25	22.21	23	1	
3	16QAM	1	0	22.33	22.31	22.43			
3	16QAM	1	8	22.68	22.58	22.62			
3	16QAM	1	14	22.45	22.30	22.26	22	2	
3	16QAM	8	0	21.19	21.25	21.27			
3	16QAM	8	4	21.37	21.24	21.23			
3	16QAM	8	7	21.16	21.26	21.24	21	3	
3	16QAM	15	0	21.13	21.35	21.20			
3	64QAM	1	0	21.22	21.24	21.27			
3	64QAM	1	8	21.49	21.57	21.51	22	2	
3	64QAM	1	14	21.25	21.31	21.28			
3	64QAM	8	0	20.25	20.44	20.40			
3	64QAM	8	4	20.36	20.35	20.41	21	3	
3	64QAM	8	7	20.22	20.35	20.28			
3	64QAM	15	0	20.30	20.42	20.30			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.13	23.03	23.06	24	0	
1.4	QPSK	1	3	23.34	23.36	23.37			
1.4	QPSK	1	5	23.13	23.05	23.01			
1.4	QPSK	3	0	23.28	23.28	23.27	23	1	
1.4	QPSK	3	1	23.28	23.26	23.28			
1.4	QPSK	3	3	23.31	23.31	23.36			
1.4	QPSK	6	0	22.18	22.28	22.25	23	1	
1.4	16QAM	1	0	22.41	22.33	22.40			
1.4	16QAM	1	3	22.65	22.59	22.63			
1.4	16QAM	1	5	22.45	22.29	22.33	23	1	
1.4	16QAM	3	0	22.50	22.49	22.56			
1.4	16QAM	3	1	22.64	22.58	22.49			
1.4	16QAM	3	3	22.50	22.54	22.53	22	2	
1.4	16QAM	6	0	21.23	21.30	21.27			
1.4	64QAM	1	0	21.24	21.16	21.34			
1.4	64QAM	1	3	21.45	21.59	21.50	22	2	
1.4	64QAM	1	5	21.21	21.33	21.31			
1.4	64QAM	3	0	21.43	21.51	21.35			
1.4	64QAM	3	1	21.34	21.53	21.41	21	3	
1.4	64QAM	3	3	21.38	21.58	21.49			
1.4	64QAM	6	0	20.24	20.39	20.36			

Band 26_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	21.96	21.98	21.99	23	0	
15	QPSK	1	37	22.10	22.13	22.04			
15	QPSK	1	74	21.94	22.00	21.92			
15	QPSK	36	0	21.18	21.22	21.11	22	1	
15	QPSK	36	20	21.14	21.16	21.07			
15	QPSK	36	39	21.02	21.18	21.10			
15	QPSK	75	0	21.03	21.15	21.13			
15	16QAM	1	0	21.18	21.13	21.18	22	1	
15	16QAM	1	37	21.11	21.11	21.08			
15	16QAM	1	74	21.22	21.19	21.15			
15	16QAM	36	0	19.95	20.09	20.06	21	2	
15	16QAM	36	20	19.98	20.14	20.10			
15	16QAM	36	39	19.96	20.14	20.05			
15	16QAM	75	0	20.01	20.14	20.10			
15	64QAM	1	0	20.11	20.10	20.16	21	2	
15	64QAM	1	37	20.36	20.40	20.38			
15	64QAM	1	74	20.16	20.03	20.20			
15	64QAM	36	0	19.89	20.09	20.16	20	3	
15	64QAM	36	20	19.10	19.23	19.19			
15	64QAM	36	39	19.07	19.22	19.09			
15	64QAM	75	0	19.05	19.20	19.16			
Channel				26740	26865	26960	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	21.86	21.97	21.87	23	0	
10	QPSK	1	25	21.95	22.08	21.87			
10	QPSK	1	49	21.88	21.97	21.86			
10	QPSK	25	0	21.05	21.09	21.09	22	1	
10	QPSK	25	12	20.99	21.10	20.93			
10	QPSK	25	25	20.94	21.12	20.97			
10	QPSK	50	0	21.00	21.12	21.05	22	1	
10	16QAM	1	0	21.05	20.99	21.03			
10	16QAM	1	25	21.09	21.03	21.07			
10	16QAM	25	0	21.14	21.09	21.06	21	2	
10	16QAM	25	0	19.84	20.00	20.01			
10	16QAM	25	12	20.04	20.09	20.01			
10	16QAM	25	25	19.90	20.07	20.02			
10	16QAM	50	0	19.90	20.09	19.98			
10	64QAM	1	0	20.03	20.09	20.04	21	2	
10	64QAM	1	25	20.31	20.26	20.27			
10	64QAM	1	49	20.14	20.04	20.05			
10	64QAM	25	0	19.87	19.13	19.05	20	3	
10	64QAM	25	12	19.07	19.11	19.14			
10	64QAM	25	25	18.95	19.10	18.95			
10	64QAM	50	0	19.01	19.07	19.08			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	846.5				
5	QPSK	1	0	21.83	21.83	21.88	23	0	
5	QPSK	1	12	21.84	21.92	21.94			
5	QPSK	1	24	21.93	21.92	21.83			
5	QPSK	12	0	21.11	21.10	20.96	22		
5	QPSK	12	7	21.13	21.14	21.00			
5	QPSK	12	13	20.98	21.15	21.09			
5	QPSK	25	0	20.88	21.03	21.11	22	1	
5	16QAM	1	0	21.17	21.05	21.05			
5	16QAM	1	12	21.04	21.09	21.04			
5	16QAM	1	24	21.15	21.11	21.04	21	2	
5	16QAM	12	0	19.86	20.04	20.03			
5	16QAM	12	7	20.07	20.06	19.98			
5	16QAM	12	13	19.91	20.09	19.91			
5	16QAM	25	0	19.98	19.99	19.88	21	2	
5	8QAM	1	0	19.96	19.96	19.10			
5	8QAM	1	12	20.28	20.31	20.25			
5	8QAM	1	24	20.14	19.91	19.92	20	3	
5	8QAM	12	0	18.94	19.12	19.07			
5	8QAM	12	7	19.08	19.14	19.15			
5	8QAM	12	13	18.96	19.14	19.08			
5	8QAM	25	0	18.97	19.08	19.11			
Channel				26706	26965	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.5	831.5	843.5			
3	QPSK	1	0	21.94	21.90	21.87	23	0	
3	QPSK	1	8	22.02	22.12	21.98			
3	QPSK	1	14	21.86	21.88	21.77			
3	QPSK	8	0	21.08	21.16	21.01	22		
3	QPSK	8	4	21.00	21.06	21.04			
3	QPSK	8	7	20.89	21.17	21.07			
3	QPSK	15	0	21.05	21.04	20.98	21	2	
3	16QAM	1	0	21.16	21.12	21.14			
3	16QAM	1	8	21.06	21.00	20.94			
3	16QAM	1	14	21.17	21.15	21.11	21	2	
3	16QAM	8	0	19.93	19.96	20.07			
3	16QAM	8	4	19.98	20.13	19.98			
3	16QAM	8	7	19.81	20.03	20.02	20	3	
3	16QAM	15	0	19.93	20.05	19.98			
3	64QAM	1	0	20.03	20.07	20.08			
3	64QAM	1	8	20.24	20.27	20.28	21	2	
3	64QAM	1	14	20.10	20.00	20.06			
3	64QAM	8	0	19.02	19.16	19.12			
3	64QAM	8	4	19.09	19.15	19.08	20	3	
3	64QAM	8	7	18.92	19.12	19.06			
3	64QAM	15	0	18.94	19.18	19.06			
Channel				26897	26965	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	843.3			
1.4	QPSK	1	0	21.82	21.87	21.85	23	0	
1.4	QPSK	1	3	21.96	22.01	21.99			
1.4	QPSK	1	5	21.79	21.93	21.80			
1.4	QPSK	3	0	21.99	22.09	21.94	22	1	
1.4	QPSK	3	1	21.95	21.91	21.92			
1.4	QPSK	3	3	19.87	20.09	19.89			
1.4	QPSK	6	0	20.77	20.99	20.92	21	2	
1.4	16QAM	1	0	21.06	21.05	21.09			
1.4	16QAM	1	3	20.89	20.96	20.85			
1.4	16QAM	1	5	20.96	21.04	20.86	22	1	
1.4	16QAM	3	0	20.91	20.98	20.97			
1.4	16QAM	3	7	20.82	20.96	21.01			
1.4	16QAM	3	3	20.76	21.00	20.85	21	2	
1.4	16QAM	6	0	19.81	20.04	19.93			
1.4	64QAM	1	0	19.91	19.99	20.00			
1.4	64QAM	1	3	20.28	20.19	20.13	21	2	
1.4	64QAM	1	5	20.02	19.87	19.97			
1.4	64QAM	3	0	20.08	20.16	20.08			
1.4	64QAM	3	7	20.09	20.12	20.09	20	3	
1.4	64QAM	3	3	20.18	20.16	20.03			
1.4	64QAM	6	0	18.95	19.01	18.92			

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	23.07	23.06	23.13	24	0		
20	QPSK	1	49	23.37	23.43	23.35				
20	QPSK	1	99	23.06	23.13	23.06				
20	QPSK	50	0	22.75	22.84	22.80				
20	QPSK	50	24	22.73	22.79	22.70	23	1		
20	QPSK	50	50	22.70	22.73	22.72				
20	QPSK	100	0	22.66	22.84	22.77				
20	16QAM	1	0	22.69	22.68	22.86				
20	16QAM	1	49	22.82	22.90	22.84	23	1		
20	16QAM	1	99	22.56	22.67	22.75				
20	16QAM	50	0	21.67	21.80	21.86				
20	16QAM	50	24	21.71	21.77	21.86				
20	16QAM	50	50	21.69	21.70	21.79	22	2		
20	16QAM	100	0	21.65	21.73	21.82				
20	64QAM	1	0	21.57	21.60	21.72				
20	64QAM	1	49	21.72	21.80	21.75				
20	64QAM	1	99	21.43	21.51	21.66	22	2		
20	64QAM	50	0	20.71	20.85	20.91				
20	64QAM	50	24	20.75	20.81	20.89				
20	64QAM	50	50	20.68	20.71	20.83				
20	64QAM	100	0	20.68	20.77	20.86				
Channel				132047	132322	132597				
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	22.97	22.93	23.04	24	0		
15	QPSK	1	37	23.23	23.38	23.25				
15	QPSK	1	74	22.92	23.05	22.95				
15	QPSK	36	0	22.70	22.76	22.72				
15	QPSK	36	20	22.65	22.68	22.62	23	1		
15	QPSK	36	39	22.65	22.68	22.67				
15	QPSK	75	0	22.56	22.73	22.62				
15	16QAM	1	0	22.60	22.54	22.73				
15	16QAM	1	37	22.77	22.75	22.71	23	1		
15	16QAM	1	74	22.47	22.56	22.68				
15	16QAM	36	0	21.53	21.74	21.73				
15	16QAM	36	20	21.58	21.72	21.72				
15	16QAM	36	39	21.64	21.59	21.70	22	2		
15	16QAM	75	0	21.50	21.63	21.73				
15	64QAM	1	0	21.43	21.55	21.66				
15	64QAM	1	37	21.63	21.70	21.64				
15	64QAM	1	74	21.28	21.38	21.55	21	3		
15	64QAM	36	0	20.64	20.74	20.84				
15	64QAM	36	20	20.60	20.70	20.74				
15	64QAM	36	39	20.60	20.58	20.74				
15	64QAM	75	0	20.63	20.71	20.76				
Channel				132022	132322	132622				
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	23.02	22.95	23.07	24	0		
10	QPSK	1	25	23.27	23.38	23.20				
10	QPSK	1	49	22.92	23.02	22.98				
10	QPSK	25	0	22.69	22.77	22.71				
10	QPSK	25	12	22.59	22.69	22.65	23	1		
10	QPSK	25	25	22.60	22.59	22.67				
10	QPSK	50	0	22.61	22.72	22.72				
10	16QAM	1	0	22.60	22.59	22.75				
10	16QAM	1	25	22.76	22.82	22.79	23	1		
10	16QAM	1	49	22.45	22.62	22.60				
10	16QAM	25	0	21.58	21.65	21.74				
10	16QAM	25	12	21.60	21.68	21.81				
10	16QAM	25	25	21.62	21.55	21.71	22	2		
10	16QAM	50	0	21.50	21.64	21.73				
10	64QAM	1	0	21.49	21.47	21.62				
10	64QAM	1	25	21.60	21.71	21.60				
10	64QAM	1	49	21.38	21.41	21.53	22	2		
10	64QAM	25	0	20.60	20.76	20.80				
10	64QAM	25	12	20.64	20.74	20.75				
10	64QAM	25	25	20.57	20.63	20.72				
10	64QAM	50	0	20.55	20.62	20.79				
Channel				131997	132322	132647				
Frequency (MHz)				1712.5	1745	1772.5				
5	QPSK	1	0	23.00	22.99	23.01	24	0		
5	QPSK	1	12	23.29	23.28	23.25				
5	QPSK	1	24	22.91	23.02	22.97				
5	QPSK	12	0	22.62	22.78	22.75				
5	QPSK	12	7	22.67	22.71	22.65	23	1		
5	QPSK	12	13	22.64	22.64	22.65				
5	QPSK	25	0	22.61	22.74	22.72				
5	16QAM	1	0	22.56	22.57	22.75				
5	16QAM	1	12	22.68	22.78	22.74	23	1		
5	16QAM	1	24	22.47	22.52	22.67				
5	16QAM	12	0	21.55	21.74	21.73				
5	16QAM	12	7	21.59	21.62	21.78				
5	16QAM	12	13	21.64	21.59	21.66	22	2		
5	16QAM	25	0	21.52	21.62	21.69				
5	64QAM	1	0	21.49	21.54	21.58				
5	64QAM	1	12	21.60	21.67	21.68				
5	64QAM	1	24	21.32	21.39	21.56	21	3		
5	64QAM	12	0	20.66	20.73	20.86				
5	64QAM	12	7	20.64	20.66	20.77				
5	64QAM	12	13	20.53	20.58	20.69				
5	64QAM	25	0	20.60	20.67	20.71				
Channel				131987	132322	132657				
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	22.98	23.01	23.02	24	0		
3	QPSK	1	8	23.31	23.32	23.24				
3	QPSK	1	14	22.93	23.02	22.93				
3	QPSK	8	0	22.64	22.75	22.73				
3	QPSK	8	4	22.60	22.65	22.58	23	1		
3	QPSK	8	7	22.57	22.59	22.59				
3	QPSK	15	0	22.59	22.73	22.66				
3	16QAM	1	0	22.59	22.60	22.72				
3	16QAM	1	8	22.73	22.77	22.72	23	1		
3	16QAM	1	14	22.51	22.59	22.61				
3	16QAM	8	0	21.50	21.70	21.71				
3	16QAM	8	4	21.64	21.71	21.76				
3	16QAM	8	7	21.55	21.57	21.73	22	2		
3	16QAM	15	0	21.60	21.63	21.77				
3	64QAM	1	0	21.48	21.54	21.63				
3	64QAM	1	8	21.65	21.69	21.67				
3	64QAM	1	14	21.31	21.36	21.56	22	2		
3	64QAM	8	0	20.64	20.77	20.76				
3	64QAM	8	4	20.65	20.76	20.80				
3	64QAM	8	7	20.57	20.61	20.71				
3	64QAM	15	0	20.56	20.62	20.79				
Channel				131979	132322	132665				
Frequency (MHz)				1710.7	1745	1779.3				
1.4	QPSK	1	0	22.96	23.10	23.03	24	0		
1.4	QPSK	1	3	23.26	23.33	23.18				
1.4	QPSK	1	5	23.03	23.05	22.97				
1.4	QPSK	3	0	23.15	23.35	23.17				
1.4	QPSK	3	1	23.16	23.35	23.13	23	1		
1.4	QPSK	3	3	23.18	23.38	23.09				
1.4	QPSK	6	0	22.60	22.67	22.72				
1.4	16QAM	1	0	22.59	22.71	22.77				
1.4	16QAM	1	3	22.75	22.83	22.67	23	1		
1.4	16QAM	1	5	22.49	22.64	22.58				
1.4	16QAM	3	0	22.71	22.80	22.54				
1.4	16QAM	3	1	22.74	22.74	22.55				
1.4	16QAM	3	3	22.61	22.69	22.55	22	2		
1.4	16QAM	6	0	21.50	21.63	21.87				
1.4	64QAM	1	0	21.55	21.53	21.52				
1.4	64QAM	1	3	21.61	21.80	21.58				
1.4	64QAM	1	5	21.42	21.50	21.54	22	2		
1.4	64QAM	3	0	21.56	21.75	21.45				
1.4	64QAM	3	1	21.51	21.66	21.50				
1.4	64QAM	3	3	21.60	21.70	21.57				
1.4	64QAM	3	5	20.67	20.73	20.79				

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	23.06	22.97	22.95	24	0		
20	QPSK	1	49	23.41	23.43	23.39				
20	QPSK	1	99	23.04	23.04	23.07				
20	QPSK	50	0	22.68	22.70	22.67				
20	QPSK	50	24	22.62	22.63	22.66	23	1		
20	QPSK	50	50	22.64	22.69	22.60				
20	QPSK	100	0	22.62	22.67	22.65				
20	16QAM	1	0	22.54	22.46	22.46				
20	16QAM	1	49	22.55	22.58	22.60	23	1		
20	16QAM	1	99	22.52	22.50	22.55				
20	16QAM	50	0	21.73	21.68	21.64				
20	16QAM	50	24	21.78	21.70	21.74				
20	16QAM	50	50	21.76	21.76	21.78	22	2		
20	16QAM	100	0	21.79	21.74	21.77				
20	64QAM	1	0	21.30	21.23	21.22				
20	64QAM	1	49	21.47	21.45	21.50				
20	64QAM	1	99	21.29	21.27	21.30	22	3		
20	64QAM	50	0	20.77	20.69	20.69				
20	64QAM	50	24	20.81	20.71	20.74				
20	64QAM	50	50	20.77	20.72	20.81				
20	64QAM	100	0	20.78	20.75	20.79				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	23.00	22.82	22.92	24	0		
15	QPSK	1	37	23.31	23.36	23.25				
15	QPSK	1	74	22.99	22.93	23.02				
15	QPSK	36	0	22.59	22.57	22.60				
15	QPSK	36	20	22.52	22.49	22.58	23	1		
15	QPSK	36	39	22.50	22.63	22.54				
15	QPSK	75	0	22.57	22.65	22.61				
15	16QAM	1	0	22.39	22.42	22.45				
15	16QAM	1	37	22.40	22.57	22.55	23	1		
15	16QAM	1	74	22.51	22.46	22.54				
15	16QAM	36	0	21.72	21.54	21.62				
15	16QAM	36	20	21.67	21.59	21.71				
15	16QAM	36	39	21.63	21.68	21.67	22	2		
15	16QAM	75	0	21.75	21.65	21.70				
15	64QAM	1	0	21.27	21.17	21.16				
15	64QAM	1	37	21.40	21.41	21.38				
15	64QAM	1	74	21.22	21.20	21.21	22	3		
15	64QAM	36	0	20.65	20.65	20.65				
15	64QAM	36	20	20.67	20.60	20.59				
15	64QAM	36	39	20.63	20.58	20.75				
15	64QAM	75	0	20.65	20.62	20.70				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	22.97	22.85	22.93	24	0		
10	QPSK	1	25	23.29	23.41	23.38				
10	QPSK	1	49	22.92	23.02	23.03				
10	QPSK	25	0	22.57	22.59	22.57				
10	QPSK	25	12	22.53	22.58	22.57	23	1		
10	QPSK	25	25	22.61	22.63	22.56				
10	QPSK	50	0	22.48	22.55	22.58				
10	16QAM	1	0	22.46	22.36	22.41				
10	16QAM	1	25	22.48	22.52	22.55	23	1		
10	16QAM	1	49	22.42	22.39	22.45				
10	16QAM	25	0	21.61	21.57	21.63				
10	16QAM	25	12	21.74	21.56	21.69				
10	16QAM	25	25	21.65	21.75	21.72	22	2		
10	16QAM	50	0	21.78	21.62	21.72				
10	64QAM	1	0	21.26	21.15	21.07				
10	64QAM	1	25	21.33	21.32	21.49				
10	64QAM	1	49	21.17	21.17	21.15	21	3		
10	64QAM	25	0	20.68	20.54	20.55				
10	64QAM	25	12	20.72	20.60	20.64				
10	64QAM	25	25	20.74	20.64	20.76				
10	64QAM	50	0	20.71	20.71	20.73				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	23.02	22.83	22.85	24	0		
5	QPSK	1	12	23.31	23.40	23.33				
5	QPSK	1	24	22.99	23.00	23.02				
5	QPSK	12	0	22.66	22.55	22.56				
5	QPSK	12	7	22.57	22.54	22.55	23	1		
5	QPSK	12	13	22.58	22.66	22.55				
5	QPSK	25	0	22.50	22.63	22.62				
5	16QAM	1	0	22.40	22.34	22.35				
5	16QAM	1	12	22.48	22.48	22.54	23	1		
5	16QAM	1	24	22.45	22.48	22.51				
5	16QAM	12	0	21.63	21.54	21.57				
5	16QAM	12	7	21.74	21.61	21.64				
5	16QAM	12	13	21.66	21.66	21.65	22	2		
5	16QAM	25	0	21.74	21.66	21.70				
5	64QAM	1	0	21.25	21.11	21.07				
5	64QAM	1	12	21.35	21.31	21.46				
5	64QAM	1	24	21.22	21.15	21.24	22	2		
5	64QAM	12	0	20.71	20.54	20.68				
5	64QAM	12	7	20.77	20.67	20.65				
5	64QAM	12	13	20.65	20.65	20.71				
5	64QAM	25	0	20.74	20.74	20.64	21	3		

Band 38_Ant 3												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				37850	38000	38150						
Frequency (MHz)				2580	2595	2610						
20	QPSK	1	0	16.43	16.26	16.24	18	0				
20	QPSK	1	49	16.66	16.72	16.66						
20	QPSK	1	99	16.32	16.30	16.22						
20	QPSK	50	0	16.03	16.09	15.97						
20	QPSK	50	24	15.98	15.96	15.89	17	1				
20	QPSK	50	50	15.97	16.01	15.96						
20	QPSK	100	0	16.06	16.10	15.95						
20	16QAM	1	0	15.95	15.79	15.78						
20	16QAM	1	49	16.12	16.08	15.96	17	1				
20	16QAM	1	99	15.85	15.75	15.79						
20	16QAM	50	0	15.13	15.00	14.97						
20	16QAM	50	24	15.11	14.99	14.94						
20	16QAM	50	50	15.11	15.01	15.00	16	2				
20	16QAM	100	0	15.21	15.01	15.01						
20	64QAM	1	0	14.71	14.55	14.52						
20	64QAM	1	49	14.78	14.76	14.80						
20	64QAM	1	99	14.63	14.51	14.50	16	2				
20	64QAM	50	0	14.12	14.02	13.99						
20	64QAM	50	24	14.23	14.02	14.01						
20	64QAM	50	50	14.10	14.09	14.06						
20	64QAM	100	0	14.20	14.03	14.06						
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2577.5	2595	2612.5						
15	QPSK	1	0	16.34	16.18	16.14	18	0				
15	QPSK	1	37	16.54	16.66	16.53						
15	QPSK	1	74	16.27	16.25	16.15						
15	QPSK	36	0	15.95	15.99	15.92						
15	QPSK	36	39	15.87	15.93	15.80	17	1				
15	QPSK	36	75	0	15.96	16.02				15.88		
15	16QAM	1	0	15.83	15.73	15.65						
15	16QAM	1	37	16.06	15.98	15.85						
15	16QAM	1	74	16.27	16.25	16.15	17	1				
15	16QAM	36	0	15.95	15.99	15.92						
15	16QAM	36	39	15.87	15.92	15.82						
15	16QAM	36	75	0	15.96	16.02				15.88		
15	16QAM	75	0	15.12	14.86	14.93	16	2				
15	16QAM	36	39	15.05	14.88	14.88						
15	16QAM	75	0	15.12	14.86	14.93						
15	64QAM	1	0	14.63	14.46	14.40						
15	64QAM	1	37	14.63	14.70	14.66	16	2				
15	64QAM	1	74	14.49	14.41	14.36						
15	64QAM	36	0	14.03	13.92	13.86						
15	64QAM	36	20	14.12	13.96	13.86						
15	64QAM	36	39	14.01	13.99	13.95	15	3				
15	64QAM	75	0	14.09	13.93	13.93						
Channel				37830	38000	38200				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615						
10	QPSK	1	0	16.35	16.19	16.15	18	0				
10	QPSK	1	25	16.57	16.60	16.57						
10	QPSK	1	49	16.20	16.21	16.17						
10	QPSK	25	0	15.97	15.98	15.92						
10	QPSK	25	12	15.83	15.91	15.79	17	1				
10	QPSK	25	25	15.91	15.92	15.86						
10	QPSK	50	0	16.00	15.95	15.87						
10	QPSK	50	1	15.97	15.97	15.85						
10	16QAM	1	0	15.98	16.02	15.86	17	1				
10	16QAM	1	25	15.98	16.02	15.88						
10	16QAM	1	49	15.90	15.69	15.74						
10	16QAM	25	0	15.04	14.94	14.87						
10	16QAM	25	12	15.06	14.91	14.87	16	2				
10	16QAM	25	25	14.97	14.91	14.94						
10	16QAM	50	0	15.15	14.87	14.92						
10	64QAM	1	0	14.49	14.44	14.37						
10	64QAM	1	25	14.65	14.68	14.66	16	2				
10	64QAM	1	49	14.50	14.39	14.45						
10	64QAM	25	0	14.05	13.99	13.85						
10	64QAM	25	12	14.10	13.91	13.93						
10	64QAM	25	25	14.05	13.94	14.00	15	3				
10	64QAM	50	0	14.11	13.97	13.97						
Channel				37825	38000	38197				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2622.5	2695	2611.2						
5	QPSK	1	0	16.20	16.21	16.12	18	0				
5	QPSK	1	12	16.63	16.58	16.56						
5	QPSK	1	24	16.20	16.18	16.15						
5	QPSK	12	0	15.88	15.95	15.90						
5	QPSK	12	7	15.92	15.85	15.79	17	1				
5	QPSK	12	13	15.87	15.85	15.86						
5	QPSK	25	0	15.99	16.01	15.87						
5	16QAM	1	0	15.82	15.68	15.63						
5	16QAM	1	12	15.97	16.01	15.89	17	1				
5	16QAM	1	24	15.71	15.62	15.65						
5	16QAM	12	0	15.06	14.92	14.90						
5	16QAM	12	7	15.01	14.91	14.86						
5	16QAM	12	13	14.95	14.90	14.91	16	2				
5	16QAM	1	0	15.14	14.89	14.86						
5	64QAM	1	0	14.64	14.50	14.44						
5	64QAM	1	12	14.73	14.67	14.72						
5	64QAM	1	24	14.50	14.40	14.40	16	2				
5	64QAM	12	0	13.99	13.94	13.84						
5	64QAM	12	7	14.09	13.95	13.96						
5	64QAM	12	13	13.85	14.00	13.91						
5	64QAM	25	0	14.05	13.96	13.95	15	3				

Hotspot on

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	126	189	251		126	189	251	
TX Channel	824.2	836.4	848.6	824.2	824.2	836.4	848.6	824.2
Frequency (MHz)	824.2	836.4	848.6	824.2	824.2	836.4	848.6	824.2
GSM 1 Tx slot	30.07	32.20	32.09	33.50	23.07	23.28	23.09	24.50
GPRS 1 Tx slot	32.18	32.30	32.16	33.50	23.18	23.30	23.16	24.50
GPRS 2 Tx slots	30.33	30.35	30.32	31.50	24.33	24.35	24.32	25.50
GPRS 3 Tx slots	28.27	28.32	28.17	29.50	24.01	24.06	23.91	25.24
GPRS 4 Tx slots	26.23	26.37	26.34	27.50	23.23	23.37	23.34	24.50
EDGE 1 Tx slot	26.14	26.21	26.16	27.50	17.14	17.21	17.16	18.50
EDGE 2 Tx slots	24.13	24.22	24.18	25.50	18.13	18.22	18.18	19.50
EDGE 3 Tx slots	21.85	21.92	21.78	23.50	17.59	17.66	17.52	19.24
EDGE 4 Tx slots	19.57	19.68	19.67	21.00	16.57	16.68	16.67	18.00

Band	WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513	
TX Channel	9662	9800	9938	9662	1537	1638	1738	1537
Rx Channel	9662	9800	9938	9662	1537	1638	1738	1537
Frequency (MHz)	1852.4	1880	1907.6	1852.4	1712.4	1732.6	1752.6	1712.4
3GPP Rel 99	AMR 12.2Kbps	17.65	17.89	17.66	18.00	17.61	17.73	17.71
3GPP Rel 99	AMR 12.2Kbps	17.70	17.71	17.67	18.00	17.75	17.79	17.71
3GPP Rel 6	HSDPA Subtest-1	16.70	16.80	16.70	17.00	16.96	16.98	16.98
3GPP Rel 6	HSDPA Subtest-2	16.62	16.65	16.57	17.00	16.86	16.88	16.85
3GPP Rel 6	HSDPA Subtest-3	16.16	16.15	16.07	16.50	16.48	16.30	16.33
3GPP Rel 6	HSDPA Subtest-4	16.10	16.15	16.08	16.50	16.29	16.26	16.32
3GPP Rel 8	DC-HSDPA Subtest-1	16.59	16.66	16.57	17.00	16.87	16.89	16.91
3GPP Rel 8	DC-HSDPA Subtest-2	16.49	16.52	16.47	17.00	16.87	16.72	16.83
3GPP Rel 8	DC-HSDPA Subtest-3	16.10	16.06	15.94	16.50	16.35	16.26	16.31
3GPP Rel 8	DC-HSDPA Subtest-4	16.05	16.08	15.96	16.50	16.28	16.21	16.19
3GPP Rel 6	HSUPA Subtest-1	14.97	14.89	14.84	15.50	14.96	14.98	15.06
3GPP Rel 6	HSUPA Subtest-2	14.82	14.73	14.73	15.50	14.88	14.85	14.89
3GPP Rel 6	HSUPA Subtest-3	15.81	15.83	15.77	16.50	15.88	16.00	16.00
3GPP Rel 6	HSUPA Subtest-4	14.32	14.32	14.26	15.00	14.41	14.44	14.53
3GPP Rel 6	HSUPA Subtest-5	15.80	15.75	15.75	16.50	15.94	15.85	15.85
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.22	14.29	14.14	15.00	14.38	14.37	14.41

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1860	1909.8	1850.2	1850.2	1860	1909.8	1850.2
Frequency (MHz)	1850.2	1860	1909.8	1850.2	1850.2	1860	1909.8	1850.2
GSM 1 Tx slot	25.01	25.08	24.89	26.50	16.01	16.08	15.99	17.50
GPRS 1 Tx slot	25.02	24.97	25.03	26.50	16.02	15.97	16.03	17.50
GPRS 2 Tx slots	23.20	23.26	23.05	24.50	17.20	17.26	17.05	18.50
GPRS 3 Tx slots	21.50	21.60	21.49	22.50	17.24	17.34	17.23	18.24
GPRS 4 Tx slots	19.68	19.77	19.69	20.50	16.68	16.77	16.69	17.50
EDGE 1 Tx slot	21.38	21.47	21.54	22.50	12.38	12.47	12.54	13.50
EDGE 2 Tx slots	19.44	19.48	19.45	20.50	13.44	13.48	13.45	14.50
EDGE 3 Tx slots	17.27	17.45	17.31	18.50	13.01	13.19	13.05	14.24
EDGE 4 Tx slots	15.09	15.26	15.23	16.50	12.09	12.26	12.23	13.50

Band	WCDMA V_Ant 0			Tune-up Limit (dBm)
	4132	4182	4233	
TX Channel	4357	4407	4458	4357
Rx Channel	4357	4407	4458	4357
Frequency (MHz)	826.4	836.4	846.6	826.4
3GPP Rel 99	AMR 12.2Kbps	23.40	23.40	23.38
3GPP Rel 99	AMR 12.2Kbps	23.44	23.46	23.42
3GPP Rel 6	HSDPA Subtest-1	22.68	22.54	22.80
3GPP Rel 6	HSDPA Subtest-2	22.62	22.45	22.34
3GPP Rel 6	HSDPA Subtest-3	22.09	22.01	21.93
3GPP Rel 6	HSDPA Subtest-4	22.04	22.00	21.94
3GPP Rel 8	DC-HSDPA Subtest-1	22.60	22.47	22.36
3GPP Rel 8	DC-HSDPA Subtest-2	22.49	22.35	22.24
3GPP Rel 8	DC-HSDPA Subtest-3	22.07	21.86	21.87
3GPP Rel 8	DC-HSDPA Subtest-4	21.97	21.87	21.89
3GPP Rel 6	HSUPA Subtest-1	20.65	20.54	20.56
3GPP Rel 6	HSUPA Subtest-2	20.55	20.46	20.34
3GPP Rel 6	HSUPA Subtest-3	21.64	21.52	21.54
3GPP Rel 6	HSUPA Subtest-4	20.18	20.00	20.08
3GPP Rel 6	HSUPA Subtest-5	21.50	21.50	21.40
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.03	19.99	20.07

Band 2_Ant 0										
BW [MHz]	Modulatio n	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)				18680	18880	19080				
20	QPSK	1	0	16.86	16.81	16.87	18	0		
20	QPSK	1	49	17.19	17.25	17.14				
20	QPSK	1	99	16.78	16.75	16.76				
20	QPSK	50	0	16.16	16.19	16.16	17	1		
20	QPSK	50	24	16.11	16.13	16.12				
20	QPSK	50	50	16.15	16.18	16.06				
20	QPSK	100	0	16.08	16.16	16.17	17	1		
20	16QAM	1	0	16.10	16.09	16.18				
20	16QAM	1	49	16.43	16.48	16.42				
20	16QAM	1	99	15.97	16.00	15.96	16	2		
20	16QAM	50	0	15.15	15.29	15.17				
20	16QAM	50	24	15.18	15.16	15.20				
20	16QAM	50	50	15.14	15.18	15.11	15	3		
20	16QAM	100	0	15.04	15.22	15.07				
20	64QAM	1	0	14.98	14.95	15.02				
20	64QAM	1	49	15.42	15.32	15.29	16	2		
20	64QAM	1	99	15.12	15.04	15.07				
20	64QAM	50	0	14.15	14.32	14.12				
20	64QAM	50	24	14.18	14.16	14.12	15	3		
20	64QAM	50	50	14.03	14.17	14.09				
20	64QAM	100	0	14.15	14.21	14.13				
Channel				18975	18900	19125	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18975	18900	19025				
15	QPSK	1	0	16.73	16.67	16.73	18	0		
15	QPSK	1	37	17.04	17.15	17.05				
15	QPSK	1	74	16.70	16.60	16.65				
15	QPSK	36	0	16.10	16.06	16.04	17	1		
15	QPSK	36	20	16.03	16.02	15.99				
15	QPSK	36	39	16.06	16.07	16.01				
15	QPSK	75	0	15.96	16.06	16.09	17	1		
15	16QAM	1	0	16.00	16.03	16.13				
15	16QAM	1	37	16.28	16.41	16.36				
15	16QAM	1	74	15.84	15.85	15.82	16	2		
15	16QAM	36	0	15.01	15.23	15.06				
15	16QAM	36	20	15.09	15.05	15.05				
15	16QAM	36	39	15.06	15.10	15.04	16	2		
15	16QAM	75	0	14.94	15.10	15.00				
15	64QAM	1	0	14.89	14.81	14.94				
15	64QAM	1	37	15.31	15.19	15.14	16	2		
15	64QAM	1	74	14.97	14.88	14.93				
15	64QAM	36	0	14.02	14.27	14.07				
15	64QAM	36	20	14.04	14.08	14.00	15	3		
15	64QAM	36	39	13.94	14.05	13.96				
15	64QAM	75	0	14.02	14.11	14.02				
Channel				18950	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18950	18900	19050				
10	QPSK	1	0	16.74	16.74	16.77	18	0		
10	QPSK	1	25	17.08	17.13	17.03				
10	QPSK	1	49	16.73	16.68	16.64				
10	QPSK	25	0	16.11	16.09	16.02	17	1		
10	QPSK	25	12	15.96	16.08	16.04				
10	QPSK	25	25	16.03	16.09	15.98				
10	QPSK	50	0	15.93	16.13	16.05	17	1		
10	16QAM	1	0	15.97	16.03	16.09				
10	16QAM	1	25	16.36	16.33	16.37				
10	16QAM	1	49	15.91	15.87	15.84	16	2		
10	16QAM	25	0	15.06	15.18	15.12				
10	16QAM	25	12	15.08	15.01	15.06				
10	16QAM	25	25	15.09	15.10	15.06	16	2		
10	16QAM	50	0	14.93	15.10	15.01				
10	64QAM	1	0	14.92	14.82	14.97				
10	64QAM	1	25	15.33	15.18	15.24	16	2		
10	64QAM	1	49	14.98	14.92	15.01				
10	64QAM	25	0	14.00	14.26	14.07				
10	64QAM	25	12	14.06	14.07	14.01	15	3		
10	64QAM	25	25	13.92	14.02	14.02				
10	64QAM	50	0	14.08	14.14	14.03				
Channel				18925	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18925	18900	19025				
5	QPSK	1	0	16.76	16.75	16.81	18	0		
5	QPSK	1	12	17.07	17.20	16.99				
5	QPSK	1	24	16.64	16.70	16.61				
5	QPSK	12	0	16.06	16.07	16.08	17	1		
5	QPSK	12	7	16.05	16.03	16.00				
5	QPSK	12	13	16.06	16.05	15.97				
5	QPSK	25	0	15.93	16.07	16.12	17	1		
5	16QAM	1	0	15.95	15.99	16.07				
5	16QAM	1	12	16.28	16.34	16.31				
5	16QAM	1	24	15.88	15.85	15.87	16	2		
5	16QAM	12	0	15.08	15.18	15.02				
5	16QAM	12	7	15.13	15.09	15.11				
5	16QAM	12	13	15.00	15.06	15.02	16	2		
5	16QAM	25	0	14.92	15.15	14.93				
5	64QAM	1	0	14.89	14.89	14.89				
5	64QAM	1	12	15.30	15.21	15.23	16	2		
5	64QAM	1	24	15.03	14.92	14.95				
5	64QAM	12	0	14.08	14.17	14.01				
5	64QAM	12	7	14.12	14.03	14.04	15	3		
5	64QAM	12	13	13.98	14.04	14.03				
5	64QAM	25	0	14.00	14.06	14.00				
Channel				18915	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18915	18900	19085				
3	QPSK	1	0	16.76	16.69	16.81	18	0		
3	QPSK	1	8	17.05	17.14	17.08				
3	QPSK	1	14	16.73	16.60	16.61				
3	QPSK	8	0	16.13	16.10	16.13	17	1		
3	QPSK	8	4	16.03	16.08	16.06				
3	QPSK	8	7	16.06	16.03	16.08				
3	QPSK	15	0	15.96	16.09	16.08	17	1		
3	16QAM	1	0	16.03	16.04	16.03				
3	16QAM	1	8	16.31	16.37	16.32				
3	16QAM	1	14	15.67	15.88	15.81	16	2		
3	16QAM	8	0	15.07	15.20	15.06				
3	16QAM	8	4	15.13	15.07	15.13				
3	16QAM	8	7	15.02	15.03	14.97	16	2		
3	16QAM	15	0	14.96	15.07	14.94				
3	64QAM	1	0	14.88	14.87	14.89				
3	64QAM	1	8	15.32	15.22	15.23	16	2		
3	64QAM	1	14	15.01	14.98	14.99				
3	64QAM	8	0	14.00	14.25	14.00				
3	64QAM	8	4	14.06	14.01	14.01	15	3		
3	64QAM	8	7	13.92	14.09	14.00				
3	64QAM	15	0	14.00	14.15	14.06				
Channel				18907	18900	19193	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18907	18900	19093				
1.4	QPSK	1	0	16.77	16.71	16.80	18	0		
1.4	QPSK	1	3	17.13	17.10	17.04				
1.4	QPSK	1	5	16.65	16.61	16.71				
1.4	QPSK	3	0	16.65	16.67	16.73	17	1		
1.4	QPSK	3	1	17.06	16.98	16.98				
1.4	QPSK	3	3	16.56	16.51	16.70				
1.4	QPSK	6	0	15.94	16.12	16.08	17	1		
1.4	QPSK	6	1	16.04	15.96	16.06				
1.4	16QAM	1	3	16.32	16.37	16.35				
1.4	16QAM	1	5	15.85	15.87	15.87	17	1		
1.4	16QAM	3	0	15.91	15.85	15.86				
1.4	16QAM	3	1	16.18	16.34	16.35				
1.4	16QAM	3	3	15.78	15.80	15.75	16	2		
1.4	16QAM	6	0	14.96	15.13	15.01				
1.4	16QAM	6	1	14.84	14.81	14.90				
1.4	64QAM	1	3	15.36	15.17	15.15	16	2		
1.4	64QAM	1	5	15.06	14.95	14.98				
1.4	64QAM	3	0	14.84	14.79	14.80				
1.4	64QAM	3	1	15.31	15.12	15.07	15	3		
1.4	64QAM	3	3	14.93	14.81	14.89				
1.4	64QAM	6	0	14.07	14.08	14.00				

Band 4_Ant 3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				20050	20175	20300					
Frequency (MHz)				1720	1732.5	1745					
20	QPSK	1	0	17.29	17.26	17.23	19	0			
20	QPSK	1	49	17.62	17.68	17.59					
20	QPSK	1	99	17.18	17.08	17.13	18	1			
20	QPSK	50	0	16.96	17.03	16.99					
20	QPSK	50	24	17.01	17.04	17.01	18	1			
20	QPSK	50	50	16.96	16.92	16.95					
20	QPSK	100	0	16.95	17.00	16.97	18	1			
20	16QAM	1	0	16.91	17.03	16.95					
20	16QAM	1	49	17.23	17.29	17.28	18	1			
20	16QAM	1	99	16.77	16.70	16.80					
20	16QAM	50	0	15.96	15.94	15.98	17	2			
20	16QAM	50	24	15.96	15.92	15.97					
20	16QAM	50	50	15.87	15.97	15.85	17	2			
20	16QAM	100	0	15.94	15.96	15.96					
20	64QAM	1	0	15.86	15.85	15.80	17	2			
20	64QAM	1	49	16.15	16.09	16.14					
20	64QAM	1	99	15.72	15.72	15.69	16	3			
20	64QAM	50	0	14.98	15.01	15.04					
20	64QAM	50	24	15.06	14.97	15.05	16	3			
20	64QAM	50	50	14.89	14.90	14.87					
20	64QAM	100	0	14.94	15.00	14.95					
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1717.5	1732.5	1747.5					
15	QPSK	1	0	17.17	17.21	17.10	19	0			
15	QPSK	1	37	17.54	17.61	17.44					
15	QPSK	1	74	17.04	17.15	17.00	18	1			
15	QPSK	36	0	16.90	16.95	16.94					
15	QPSK	36	20	16.93	16.93	16.88	17	2			
15	QPSK	36	39	16.91	16.80	16.83					
15	QPSK	75	0	16.90	16.95	16.90	18	1			
15	16QAM	1	0	16.85	16.97	16.89					
15	16QAM	1	37	17.17	17.17	17.17	18	1			
15	16QAM	1	74	16.64	16.56	16.75					
15	16QAM	36	0	15.86	15.81	15.90	17	2			
15	16QAM	36	20	15.87	15.86	15.90					
15	16QAM	36	39	15.77	15.84	15.72	16	3			
15	16QAM	75	0	15.79	15.87	15.87					
15	64QAM	1	0	15.71	15.80	15.67	17	2			
15	64QAM	1	37	16.09	16.04	16.05					
15	64QAM	1	74	15.58	15.57	15.63	16	3			
15	64QAM	36	0	14.85	14.87	14.93					
15	64QAM	36	20	14.98	14.89	15.00	16	3			
15	64QAM	36	39	14.76	14.83	14.79					
15	64QAM	75	0	14.79	14.93	14.88					
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1715	1732.5	1750					
10	QPSK	1	0	17.24	17.16	17.10	19	0			
10	QPSK	1	25	17.57	17.59	17.46					
10	QPSK	1	49	17.06	17.15	17.21	18	1			
10	QPSK	25	0	16.81	16.89	16.92					
10	QPSK	25	12	16.87	16.89	16.95	18	1			
10	QPSK	25	25	16.91	16.82	16.88					
10	QPSK	50	0	16.82	16.90	16.90	18	1			
10	16QAM	1	0	16.86	16.97	16.89					
10	16QAM	1	25	17.16	17.22	17.18	18	1			
10	16QAM	1	49	16.52	16.59	16.70					
10	16QAM	25	0	15.82	15.88	15.88	17	2			
10	16QAM	25	12	15.89	15.85	15.87					
10	16QAM	25	25	15.72	15.90	15.73	17	2			
10	16QAM	50	0	15.88	15.91	15.90					
10	64QAM	1	0	15.72	15.77	15.75	17	2			
10	64QAM	1	25	16.07	16.04	16.06					
10	64QAM	1	49	15.65	15.59	15.64	16	3			
10	64QAM	25	0	14.90	14.95	14.97					
10	64QAM	25	12	14.99	14.92	14.97	16	3			
10	64QAM	25	25	14.83	14.77	14.75					
10	64QAM	50	0	14.79	14.88	14.84					
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1712.5 <th>1732.5</th> <th>1752.5</th> <th></th> <th></th> <th></th>	1732.5	1752.5					
5	QPSK	1	0	17.19	17.18	17.14	19	0			
5	QPSK	1	12	17.57	17.58	17.54					
5	QPSK	1	24	17.04	17.21	17.08	18	1			
5	QPSK	12	0	16.81	16.90	16.84					
5	QPSK	12	7	16.90	16.91	16.92	18	1			
5	QPSK	12	13	16.85	16.86	16.87					
5	QPSK	25	0	16.84	16.93	16.86	18	1			
5	16QAM	1	0	16.82	16.91	16.84					
5	16QAM	1	12	17.09	17.16	17.20	18	1			
5	16QAM	1	24	16.68	16.63	16.68					
5	16QAM	12	0	15.81	15.87	15.83	17	2			
5	16QAM	12	7	15.85	15.84	15.91					
5	16QAM	12	13	15.74	15.94	15.72	16	3			
5	16QAM	25	0	15.79	15.88	15.91					
5	64QAM	1	0	15.75	15.75	15.70	17	2			
5	64QAM	1	12	16.09	16.02	15.99					
5	64QAM	1	24	15.67	15.64	15.54	16	3			
5	64QAM	12	0	14.93	14.89	14.90					
5	64QAM	12	7	14.91	14.84	15.00	16	3			
5	64QAM	12	13	14.80	14.81	14.80					
5	64QAM	25	0	14.83	14.94	14.83					
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1711.5 <th>1732.5<th>1754.3</th><th></th><th></th><th></th></th>	1732.5 <th>1754.3</th> <th></th> <th></th> <th></th>	1754.3					
3	QPSK	1	0	17.21	17.20	17.18	19	0			
3	QPSK	1	8	17.54	17.60	17.44					
3	QPSK	1	14	17.07	17.15	17.03	18	1			
3	QPSK	8	0	16.90	16.97	16.85					
3	QPSK	8	3	16.94	16.96	16.87	18	1			
3	QPSK	8	7	16.85	16.83	16.89					
3	QPSK	15	0	16.84	16.91	16.83	18	1			
3	16QAM	1	0	16.80	16.93	16.85					
3	16QAM	1	8	17.14	17.17	17.22	18	1			
3	16QAM	1	14	16.62	16.57	16.72					
3	16QAM	8	0	15.92	15.92	15.88	17	2			
3	16QAM	8	4	15.82	15.77	15.92					
3	16QAM	8	7	15.74	15.89	15.75	17	2			
3	16QAM	15	0	15.87	15.86	15.81					
3	64QAM	1	0	15.78	15.70	15.68	17	2			
3	64QAM	1	8	16.03	16.03	16.04					
3	64QAM	1	14	15.65	15.55	15.66	16	3			
3	64QAM	8	0	14.83	14.96	14.99					
3	64QAM	8	4	14.98	14.82	14.93	16	3			
3	64QAM	8	7	14.83	14.85	14.74					
3	64QAM	15	0	14.87	14.86	14.89					
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1710.7 <th>1732.5<th>1754.3</th><th></th><th></th><th></th></th>	1732.5 <th>1754.3</th> <th></th> <th></th> <th></th>	1754.3					
1.4	QPSK	1	0	17.16	17.14	17.08	19	0			
1.4	QPSK	1	3	17.47	17.56	17.50					
1.4	QPSK	1	5	17.03	17.03	17.01	18	1			
1.4	QPSK	3	0	17.13	17.05	17.02					
1.4	QPSK	3	1	17.47	17.54	17.45	18	1			
1.4	QPSK	3	3	17.14	17.15	17.00					
1.4	QPSK	6	0	16.89	16.93	16.88	18	1			
1.4	16QAM	1	0	16.81	16.91	16.89					
1.4	16QAM	1	3	17.12	17.16	17.19	18	1			
1.4	16QAM	1	5	16.71	16.59	16.75					
1.4	16QAM	3	0	16.77	16.82	16.85	17	2			
1.4	16QAM	3	1	16.97	17.16	17.16					
1.4	16QAM	3	3	16.68	16.47	16.69	17	2			
1.4	64QAM	1	0	15.79	15.80	15.80					
1.4	64QAM	1	3	16.01	15.76	15.73	17	2			
1.4	64QAM	3	0	15.64	15.63	15.64					
1.4	64QAM	3	5	15.68	15.67	15.73	16	3			
1.4	64QAM	3	1	16.02	16.04	16.05					
1.4	64QAM	3	5	15.54	15.49	15.52	16	3			
1.4	64QAM	6	0	14.84	14.86	14.85					

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	11.44	11.57	11.46	12.5	0		
20	QPSK	1	49	11.37	11.91	11.88				
20	QPSK	1	99	11.47	11.54	11.51				
20	QPSK	50	0	11.19	11.26	11.23	11.5	1		
20	QPSK	50	24	11.10	11.21	11.12				
20	QPSK	50	50	11.18	11.23	11.17				
20	QPSK	100	0	11.14	11.17	11.05	11.5	1		
20	16QAM	1	0	10.91	11.02	10.93				
20	16QAM	1	49	11.20	11.20	11.26				
20	16QAM	1	99	11.19	11.09	11.19	10.5	2		
20	16QAM	50	0	10.04	10.19	10.07				
20	16QAM	50	24	10.18	10.24	10.12				
20	16QAM	50	50	10.13	10.19	10.16	10.5	2		
20	16QAM	100	0	10.12	10.19	10.12				
20	64QAM	1	0	9.87	10.00	9.95				
20	64QAM	1	49	10.08	10.07	9.97	10.5	2		
20	64QAM	1	99	9.94	10.00	9.81				
20	64QAM	50	0	9.08	9.17	9.06				
20	64QAM	50	24	9.16	9.19	9.14	9.5	3		
20	64QAM	50	50	9.10	9.23	9.13				
20	64QAM	100	0	9.17	9.15	9.15				
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	11.29	11.45	11.38	12.5	0		
15	QPSK	1	37	11.73	11.85	11.78				
15	QPSK	1	74	11.33	11.43	11.44				
15	QPSK	36	0	11.11	11.16	11.09	11.5	1		
15	QPSK	36	20	11.04	11.09	10.98				
15	QPSK	36	39	11.12	11.18	11.05				
15	QPSK	75	0	11.09	11.05	10.93	11.5	1		
15	16QAM	1	0	10.81	10.91	10.85				
15	16QAM	1	37	11.11	11.14	11.13				
15	16QAM	1	74	11.08	10.96	11.09	10.5	2		
15	16QAM	36	0	9.97	10.12	9.96				
15	16QAM	36	20	10.11	10.17	10.01				
15	16QAM	36	39	10.03	10.09	10.05	10.5	2		
15	16QAM	75	0	10.07	10.10	9.98				
15	64QAM	1	0	9.79	9.93	9.82				
15	64QAM	1	37	9.98	9.92	9.90	10.5	2		
15	64QAM	1	74	9.84	9.85	9.76				
15	64QAM	36	0	9.33	9.07	8.99				
15	64QAM	36	20	9.11	9.09	9.03	9.5	3		
15	64QAM	36	39	8.97	9.14	8.99				
15	64QAM	75	0	9.02	9.09	9.01				
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	11.30	11.46	11.33	12.5	0		
10	QPSK	1	25	11.72	11.78	11.75				
10	QPSK	1	49	11.36	11.45	11.44				
10	QPSK	25	0	11.06	11.15	11.11	11.5	1		
10	QPSK	25	12	10.97	11.09	10.98				
10	QPSK	25	25	11.06	11.16	11.09				
10	QPSK	50	0	11.02	11.12	11.00	11.5	1		
10	16QAM	1	0	10.86	10.96	10.84				
10	16QAM	1	25	11.10	11.15	11.14				
10	16QAM	1	49	11.09	11.04	11.04	10.5	2		
10	16QAM	25	0	9.94	10.06	9.95				
10	16QAM	25	12	10.08	10.16	10.02				
10	16QAM	25	25	10.05	10.09	10.09	10.5	2		
10	16QAM	50	0	10.04	10.13	10.01				
10	64QAM	1	0	9.82	9.86	9.88				
10	64QAM	1	25	10.02	9.97	9.90	10.5	2		
10	64QAM	1	49	9.84	9.95	9.86				
10	64QAM	25	0	9.01	9.11	9.01				
10	64QAM	25	12	9.03	9.05	9.06	9.5	3		
10	64QAM	25	25	9.05	9.16	9.05				
10	64QAM	50	0	9.03	9.04	9.10				
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	11.30	11.45	11.35	12.5	0		
5	QPSK	1	12	11.75	11.83	11.83				
5	QPSK	1	24	11.42	11.42	11.37				
5	QPSK	12	0	11.04	11.13	11.14	11.5	1		
5	QPSK	12	7	11.04	11.10	10.98				
5	QPSK	12	13	11.03	11.09	11.08				
5	QPSK	25	0	11.07	11.09	10.96	11.5	1		
5	16QAM	1	0	10.85	10.94	10.86				
5	16QAM	1	12	11.05	11.10	11.13				
5	16QAM	1	24	11.09	10.95	11.09	10.5	2		
5	16QAM	12	0	9.99	10.06	9.92				
5	16QAM	12	7	10.11	10.17	10.07				
5	16QAM	12	13	9.98	10.09	10.04	10.5	2		
5	16QAM	25	0	10.02	10.13	10.00				
5	64QAM	1	0	9.82	9.86	9.82				
5	64QAM	1	12	10.02	9.99	9.90	10.5	2		
5	64QAM	1	24	9.83	9.86	9.67				
5	64QAM	12	0	8.96	9.04	9.01				
5	64QAM	12	7	9.11	9.10	9.03	9.5	3		
5	64QAM	12	13	8.98	9.13	9.02				
5	64QAM	25	0	9.11	9.00	9.07				

Band 7_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	14.24	14.35	14.22	16	0		
20	QPSK	1	49	14.58	14.66	14.65				
20	QPSK	1	99	14.28	14.37	14.32				
20	QPSK	50	0	14.04	14.13	14.11	15	1		
20	QPSK	50	24	13.99	14.04	14.04				
20	QPSK	100	0	13.97	14.13	14.06				
20	16QAM	1	0	13.81	13.90	13.90	15			
20	16QAM	1	49	14.18	14.24	14.14				
20	16QAM	1	99	13.85	14.04	13.86				
20	16QAM	50	0	12.99	13.07	13.01	14	2		
20	16QAM	50	24	13.00	13.10	13.10				
20	16QAM	50	50	13.00	13.12	13.04				
20	16QAM	100	0	12.97	13.10	13.08	14	2		
20	64QAM	1	0	12.82	12.93	12.79				
20	64QAM	1	49	13.15	13.16	13.20				
20	64QAM	1	99	12.79	12.93	12.86	13	3		
20	64QAM	50	0	11.90	12.07	12.00				
20	64QAM	50	24	12.01	12.12	12.12				
20	64QAM	50	50	12.08	12.08	12.11	13	3		
20	64QAM	100	0	12.00	12.05	12.08				
Channel				20825	21100	21375			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	14.15	14.25	14.13	16	0		
15	QPSK	1	37	14.51	14.58	14.54				
15	QPSK	1	74	14.14	14.22	14.27				
15	QPSK	38	0	13.98	14.02	13.97	15	1		
15	QPSK	38	20	13.88	13.96	13.90				
15	QPSK	38	39	13.92	13.99	13.91				
15	QPSK	75	0	13.92	13.99	13.93	15	1		
15	16QAM	1	0	13.76	13.82	13.85				
15	16QAM	1	37	14.04	14.09	14.03				
15	16QAM	1	74	14.04	14.09	14.03	14	2		
15	16QAM	38	0	12.93	12.99	12.88				
15	16QAM	38	20	12.97	13.05	13.02				
15	16QAM	38	39	12.91	13.03	13.02	14	2		
15	16QAM	75	0	12.82	13.02	13.00				
15	64QAM	1	0	12.70	12.86	12.69				
15	64QAM	1	37	13.03	13.10	13.08	14	2		
15	64QAM	1	74	14.04	14.09	14.03				
15	64QAM	38	0	11.75	11.96	11.92				
15	64QAM	38	20	11.88	12.07	12.07	13	3		
15	64QAM	38	39	11.98	11.97	12.00				
15	64QAM	75	0	11.94	11.97	11.93				
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	14.12	14.21	14.11	16	0		
10	QPSK	1	25	14.48	14.59	14.55				
10	QPSK	1	49	14.15	14.27	14.22				
10	QPSK	25	0	13.90	14.00	14.02	15	1		
10	QPSK	25	12	13.91	13.92	13.98				
10	QPSK	25	25	13.96	13.94	14.01				
10	QPSK	50	0	13.90	14.05	14.01	15	1		
10	16QAM	1	0	13.76	13.83	13.86				
10	16QAM	1	25	14.12	14.13	14.03				
10	16QAM	1	49	13.80	13.94	13.73	14	2		
10	16QAM	25	0	12.84	12.99	12.94				
10	16QAM	25	12	12.97	13.06	13.02				
10	16QAM	25	25	12.92	13.03	12.90	14	2		
10	16QAM	50	0	12.89	13.00	12.94				
10	64QAM	1	0	11.80	11.96	11.72				
10	64QAM	1	25	13.08	13.05	13.13	14	2		
10	64QAM	1	49	12.69	12.82	12.74				
10	64QAM	25	0	11.77	12.01	11.95				
10	64QAM	25	12	11.88	12.02	12.07	13	3		
10	64QAM	25	25	11.98	11.93	12.07				
10	64QAM	50	0	11.88	11.92	11.97				
Channel				20205	2535	2567.8	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.8				
5	QPSK	1	0	14.00	14.24	14.15	15	1		
5	QPSK	1	12	14.47	14.56	14.61				
5	QPSK	1	24	14.17	14.23	14.18				
5	QPSK	12	0	13.90	13.98	13.99	15	1		
5	QPSK	12	7	13.92	13.91	13.90				
5	QPSK	12	13	13.98	13.95	13.99				
5	QPSK	25	0	13.90	14.00	14.00	15	1		
5	16QAM	1	0	13.75	13.90	13.76				
5	16QAM	1	12	14.05	14.16	14.04				
5	16QAM	1	24	13.77	13.96	13.80	14	2		
5	16QAM	12	0	12.90	13.02	12.94				
5	16QAM	12	7	12.90	13.07	12.99				
5	16QAM	12	13	12.91	13.04	12.96	14	2		
5	16QAM	25	0	12.91	12.95	12.98				
5	64QAM	1	0	12.71	12.85	12.73				
5	64QAM	1	12	13.07	13.02	13.05	14	2		
5	64QAM	1	24	12.67	12.83	12.81				
5	64QAM	12	0	11.80	11.95	11.95				
5	64QAM	12	7	11.92	11.98	12.05	13	3		
5	64QAM	12	13	11.90	11.96	12.03				
5	64QAM	25	0	11.88	12.00	12.03				

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	23.18	23.18	23.19	24	0		
15	QPSK	1	37	23.48	23.50	23.45				
15	QPSK	1	74	23.23	23.14	23.14				
15	QPSK	36	0	22.41	22.43	22.39	23	1		
15	QPSK	36	20	22.39	22.37	22.37				
15	QPSK	36	39	22.30	22.35	22.29				
15	QPSK	75	0	22.30	22.39	22.35	23	1		
15	16QAM	1	0	22.43	22.36	22.47				
15	16QAM	1	37	22.69	22.72	22.68				
15	16QAM	1	74	22.49	22.40	22.40	22	2		
15	16QAM	36	0	21.25	21.35	21.33				
15	16QAM	36	20	21.38	21.37	21.35				
15	16QAM	36	39	21.26	21.36	21.27	22	2		
15	16QAM	75	0	21.27	21.38	21.33				
15	64QAM	1	0	21.32	21.31	21.38				
15	64QAM	1	37	21.58	21.60	21.63	22	2		
15	64QAM	1	74	21.36	21.34	21.32				
15	64QAM	36	0	20.35	20.45	20.43				
15	64QAM	36	20	20.44	20.48	20.43	21	3		
15	64QAM	36	39	20.33	20.46	20.30				
15	64QAM	75	0	20.35	20.44	20.39				
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				819	831.5	844				
10	QPSK	1	0	23.08	23.05	23.04	24	0		
10	QPSK	1	25	23.38	23.38	23.32				
10	QPSK	1	49	23.12	23.01	23.08				
10	QPSK	25	0	22.27	22.34	22.30	23	1		
10	QPSK	25	12	22.31	22.38	22.22				
10	QPSK	25	25	22.22	22.27	22.26				
10	QPSK	50	0	22.17	22.25	22.20	23	1		
10	16QAM	1	0	22.41	22.24	22.45				
10	16QAM	1	25	22.60	22.69	22.56				
10	16QAM	1	49	22.44	22.32	22.32	22	2		
10	16QAM	25	0	21.24	21.31	21.23				
10	16QAM	25	12	21.26	21.26	21.24				
10	16QAM	25	25	21.14	21.23	21.18	22	2		
10	16QAM	50	0	21.22	21.36	21.30				
10	64QAM	1	0	21.23	21.25	21.35				
10	64QAM	1	25	21.55	21.58	21.61	22	2		
10	64QAM	1	49	21.23	21.27	21.21				
10	64QAM	25	0	20.24	20.40	20.30				
10	64QAM	25	12	20.37	20.40	20.34	21	3		
10	64QAM	25	25	20.30	20.35	20.27				
10	64QAM	50	0	20.28	20.29	20.31				
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				816.5	831.5	846.5				
5	QPSK	1	0	23.16	23.11	23.12	24	0		
5	QPSK	1	12	23.47	23.46	23.36				
5	QPSK	1	24	23.13	23.08	23.03				
5	QPSK	12	0	22.29	22.37	22.37	23	1		
5	QPSK	12	7	22.31	22.39	22.28				
5	QPSK	12	13	22.24	22.25	22.27				
5	QPSK	25	0	22.23	22.31	22.20	23	1		
5	16QAM	1	0	22.29	22.25	22.44				
5	16QAM	1	12	22.62	22.60	22.65				
5	16QAM	1	24	22.36	22.25	22.37	23	1		
5	16QAM	12	0	21.16	21.33	21.31				
5	16QAM	12	7	21.36	21.30	21.22				
5	16QAM	12	13	21.20	21.31	21.18	22	2		
5	16QAM	25	0	21.14	21.33	21.29				
5	64QAM	1	0	21.28	21.16	21.35				
5	64QAM	1	12	21.55	21.56	21.58	22	2		
5	64QAM	1	24	21.25	21.20	21.27				
5	64QAM	12	0	20.26	20.36	20.29				
5	64QAM	12	7	20.30	20.39	20.28	21	3		
5	64QAM	12	13	20.32	20.37	20.20				
5	64QAM	25	0	20.29	20.30	20.37				
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				815.5	831.5	847.5				
3	QPSK	1	0	23.07	23.17	23.13	24	0		
3	QPSK	1	8	23.43	23.48	23.39				
3	QPSK	1	14	23.20	23.05	23.02				
3	QPSK	8	0	22.30	22.37	22.26	23	1		
3	QPSK	8	4	22.32	22.35	22.24				
3	QPSK	8	7	22.29	22.28	22.25				
3	QPSK	15	0	22.25	22.25	22.21	23	1		
3	16QAM	1	0	22.33	22.31	22.43				
3	16QAM	1	8	22.68	22.58	22.62				
3	16QAM	1	14	22.45	22.30	22.26	22	2		
3	16QAM	8	0	21.19	21.25	21.27				
3	16QAM	8	4	21.37	21.24	21.23				
3	16QAM	8	7	21.16	21.26	21.24	22	2		
3	16QAM	15	0	21.13	21.35	21.20				
3	64QAM	1	0	21.22	21.24	21.27				
3	64QAM	1	8	21.49	21.57	21.51	22	2		
3	64QAM	1	14	21.25	21.31	21.28				
3	64QAM	8	0	20.25	20.44	20.40				
3	64QAM	8	4	20.36	20.35	20.41	21	3		
3	64QAM	8	7	20.22	20.35	20.28				
3	64QAM	15	0	20.30	20.42	20.30				
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				814.7	831.5	848.3				
1.4	QPSK	1	0	23.13	23.03	23.06	24	0		
1.4	QPSK	1	3	23.34	23.36	23.37				
1.4	QPSK	1	5	23.13	23.05	23.01				
1.4	QPSK	3	0	23.28	23.28	23.27	23	1		
1.4	QPSK	3	1	23.28	23.26	23.28				
1.4	QPSK	3	3	23.31	23.31	23.36				
1.4	QPSK	6	0	22.18	22.28	22.25	23	1		
1.4	16QAM	1	0	22.41	22.33	22.40				
1.4	16QAM	1	3	22.65	22.59	22.63				
1.4	16QAM	1	5	22.45	22.29	22.33	23	1		
1.4	16QAM	3	0	22.50	22.49	22.56				
1.4	16QAM	3	1	22.64	22.58	22.49				
1.4	16QAM	3	3	22.50	22.54	22.53	22	2		
1.4	16QAM	6	0	21.23	21.30	21.27				
1.4	64QAM	1	0	21.24	21.16	21.34				
1.4	64QAM	1	3	21.45	21.59	21.50	22	2		
1.4	64QAM	1	5	21.21	21.33	21.31				
1.4	64QAM	3	0	21.43	21.51	21.35				
1.4	64QAM	3	1	21.34	21.53	21.41	21	3		
1.4	64QAM	3	3	21.38	21.58	21.49				
1.4	64QAM	6	0	20.24	20.39	20.36	21	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	18	0	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	16.88	16.83	16.90	18	0	
20	QPSK	1	49	17.20	17.28	17.22			
20	QPSK	1	99	16.85	16.96	16.86			
20	QPSK	50	0	16.59	16.69	16.57			
20	QPSK	50	24	16.57	16.54	16.46	17	1	
20	QPSK	50	50	16.50	16.54	16.54			
20	QPSK	100	0	16.42	16.60	16.59			
20	16QAM	1	0	16.50	16.50	16.70			
20	16QAM	1	49	16.59	16.66	16.68	17	1	
20	16QAM	1	99	16.36	16.44	16.55			
20	16QAM	50	0	15.52	15.63	15.65			
20	16QAM	50	24	15.56	15.61	15.61			
20	16QAM	50	50	15.51	15.55	15.64	16	2	
20	16QAM	100	0	15.45	15.56	15.58			
20	84QAM	1	0	15.38	15.36	15.52			
20	84QAM	1	49	15.47	15.62	15.52			
20	84QAM	1	99	15.18	15.28	15.45	16	2	
20	84QAM	50	0	14.50	14.61	14.76			
20	84QAM	50	24	14.55	14.56	14.69			
20	84QAM	50	50	14.50	14.52	14.58			
20	84QAM	100	0	14.49	14.53	14.69	15	3	
Channel				132047	132322	132597			
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	16.78	16.75	16.85	18	0	
15	QPSK	1	37	17.05	17.20	17.08			
15	QPSK	1	74	16.79	16.81	16.78			
15	QPSK	36	0	16.49	16.61	16.43			
15	QPSK	36	20	16.44	16.46	16.40	17	1	
15	QPSK	36	39	16.36	16.39	16.44			
15	QPSK	75	0	16.31	16.51	16.54			
15	16QAM	1	0	16.35	16.38	16.55			
15	16QAM	1	37	16.50	16.51	16.55	17	1	
15	16QAM	1	74	16.28	16.35	16.49			
15	16QAM	36	0	15.47	15.52	15.57			
15	16QAM	36	20	15.43	15.56	15.50			
15	16QAM	36	39	15.38	15.44	15.49	16	2	
15	16QAM	75	0	15.38	15.51	15.43			
15	84QAM	1	0	15.25	15.21	15.40			
15	84QAM	1	37	15.32	15.56	15.39			
15	84QAM	1	74	15.07	15.16	15.37	16	2	
15	84QAM	36	0	14.40	14.49	14.71			
15	84QAM	36	20	14.44	14.46	14.61			
15	84QAM	36	39	14.42	14.45	14.46			
15	84QAM	75	0	14.35	14.38	14.61	15	3	
Channel				132022	132322	132622			
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	16.80	16.73	16.81	18	0	
10	QPSK	1	25	17.10	17.18	17.01			
10	QPSK	1	49	16.74	16.87	16.71			
10	QPSK	25	0	16.54	16.57	16.43			
10	QPSK	25	12	16.51	16.49	16.39	17	1	
10	QPSK	25	25	16.38	16.44	16.46			
10	QPSK	50	0	16.33	16.55	16.44			
10	16QAM	1	0	16.39	16.38	16.61			
10	16QAM	1	25	16.44	16.53	16.53	17	1	
10	16QAM	1	49	16.21	16.39	16.43			
10	16QAM	25	0	15.39	15.51	15.60			
10	16QAM	25	12	15.43	15.56	15.49			
10	16QAM	25	25	15.36	15.45	15.59	16	2	
10	16QAM	50	0	15.34	15.51	15.52			
10	84QAM	1	0	15.24	15.21	15.45			
10	84QAM	1	25	15.33	15.47	15.46			
10	84QAM	1	49	15.04	15.23	15.32	16	2	
10	84QAM	25	0	14.39	14.49	14.63			
10	84QAM	25	12	14.46	14.42	14.59			
10	84QAM	25	25	14.44	14.43	14.48			
10	84QAM	50	0	14.34	14.46	14.56	15	3	
Channel				131997	132322	132647			
Frequency (MHz)				1712.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	16.80	16.75	16.82	17	1	
5	QPSK	1	12	17.06	17.17	17.03			
5	QPSK	1	24	16.80	16.90	16.73			
5	QPSK	12	0	16.47	16.56	16.44			
5	QPSK	12	7	16.45	16.49	16.32	17	1	
5	QPSK	12	13	16.36	16.39	16.47			
5	QPSK	25	0	16.36	16.50	16.52			
5	16QAM	1	0	16.41	16.45	16.60			
5	16QAM	1	12	16.45	16.53	16.57	17	1	
5	16QAM	1	24	16.25	16.36	16.41			
5	16QAM	12	0	15.43	15.54	15.60			
5	16QAM	12	7	15.47	15.52	15.45			
5	16QAM	12	13	15.40	15.44	15.51	16	2	
5	16QAM	25	0	15.33	15.43	15.46			
5	84QAM	1	0	15.28	15.24	15.46			
5	84QAM	1	12	15.42	15.55	15.41			
5	84QAM	1	24	15.05	15.21	15.30	16	2	
5	84QAM	12	0	14.42	14.56	14.66			
5	84QAM	12	7	14.45	14.45	14.62			
5	84QAM	12	13	14.35	14.42	14.47			
5	84QAM	25	0	14.41	14.40	14.64	15	3	
Channel				131987	132322	132657			
Frequency (MHz)				1711.5	1745	1778.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	16.77	16.74	16.81	18	0	
3	QPSK	1	8	17.10	17.13	17.03			
3	QPSK	1	14	16.75	16.88	16.78			
3	QPSK	8	0	16.52	16.57	16.43			
3	QPSK	8	4	16.52	16.48	16.34	17	1	
3	QPSK	8	7	16.40	16.46	16.40			
3	QPSK	15	0	16.32	16.51	16.44			
3	16QAM	1	0	16.36	16.42	16.64			
3	16QAM	1	8	16.47	16.52	16.62	17	1	
3	16QAM	1	14	16.28	16.38	16.46			
3	16QAM	8	0	15.42	15.56	15.51			
3	16QAM	8	4	15.49	15.53	15.55			
3	16QAM	8	7	15.40	15.41	15.49	16	2	
3	16QAM	15	0	15.33	15.49	15.43			
3	84QAM	1	0	15.29	15.24	15.39			
3	84QAM	1	8	15.33	15.47	15.42			
3	84QAM	1	14	15.04	15.15	15.38	16	2	
3	84QAM	8	0	14.42	14.55	14.69			
3	84QAM	8	4	14.42	14.46	14.56			
3	84QAM	8	7	14.36	14.38	14.47			
3	84QAM	15	0	14.39	14.40	14.55	15	3	
Channel				131979	132322	132665			
Frequency (MHz)				1710.7	1745	1779.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	16.73	16.78	16.76	18	0	
1.4	QPSK	1	3	17.10	17.14	17.06			
1.4	QPSK	1	5	16.80	16.81	16.81			
1.4	QPSK	3	0	16.73	16.67	16.68			
1.4	QPSK	3	1	17.10	17.14	16.96	17	1	
1.4	QPSK	3	3	16.74	16.78	16.67			
1.4	QPSK	6	0	16.28	16.53	16.47			
1.4	16QAM	1	0	16.43	16.43	16.56			
1.4	16QAM	1	3	16.51	16.51	16.63	16	2	
1.4	16QAM	1	5	16.30	16.29	16.43			
1.4	16QAM	3	0	16.35	16.33	16.41			
1.4	16QAM	3	1	16.37	16.47	16.54	16	2	
1.4	16QAM	3	3	16.30	16.24	16.39			
1.4	16QAM	6	0	15.40	15.49	15.47			
1.4	16QAM	6	3	15.31	15.22	15.43			
1.4	84QAM	1	3	15.37	15.47	15.44	16	2	
1.4	84QAM	1	5	15.13	15.20	15.35			
1.4	84QAM	3	0	15.12	15.10	15.31			
1.4	84QAM	3	1	15.25	15.43	15.36			
1.4	84QAM	3	3	15.06	15.06	15.29	15	3	
1.4	84QAM	6	0	14.37	14.45	14.57			

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	13.50	13.33	13.30	14.5	0	
20	QPSK	1	49	13.76	13.82	13.80			
20	QPSK	1	99	13.44	13.46	13.48			
20	QPSK	50	0	13.13	13.14	13.10			
20	QPSK	50	24	13.06	13.08	13.03	13.5	1	
20	QPSK	50	50	13.04	13.12	12.99			
20	QPSK	100	0	13.02	13.09	13.06			
20	16QAM	1	0	12.91	12.90	12.85			
20	16QAM	1	49	12.98	12.96	13.02	13.5	1	
20	16QAM	1	99	12.90	12.95	12.99			
20	16QAM	50	0	12.18	12.05	12.07			
20	16QAM	50	24	12.18	12.12	12.11			
20	16QAM	50	50	12.18	12.14	12.14	12.5	2	
20	16QAM	100	0	12.14	12.13	12.16			
20	64QAM	1	0	11.73	11.58	11.67			
20	64QAM	1	49	11.90	11.87	11.86			
20	64QAM	1	99	11.71	11.65	11.72	12.5	2	
20	64QAM	50	0	11.22	11.09	11.07			
20	64QAM	50	24	11.26	11.16	11.19			
20	64QAM	50	50	11.20	11.15	11.25			
20	64QAM	100	0	11.15	11.17	11.14	11.5	3	
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	13.37	13.25	13.17	14.5	0	
15	QPSK	1	37	13.65	13.76	13.73			
15	QPSK	1	74	13.39	13.37	13.33			
15	QPSK	36	0	13.02	13.04	13.00			
15	QPSK	36	20	12.98	12.98	12.96	13.5	1	
15	QPSK	36	39	12.94	13.02	12.92			
15	QPSK	75	0	12.89	13.01	12.93			
15	16QAM	1	0	12.81	12.84	12.71			
15	16QAM	1	37	12.83	12.85	12.94	13.5	1	
15	16QAM	1	74	12.80	12.87	12.89			
15	16QAM	36	0	12.11	11.96	11.95			
15	16QAM	36	20	12.10	11.97	12.02			
15	16QAM	36	39	12.09	12.09	12.04	12.5	2	
15	16QAM	75	0	11.99	12.02	12.07			
15	64QAM	1	0	11.67	11.50	11.61			
15	64QAM	1	37	11.85	11.75	11.73			
15	64QAM	1	74	11.63	11.57	11.64	12.5	2	
15	64QAM	36	0	11.16	10.95	10.97			
15	64QAM	36	20	11.12	11.02	11.07			
15	64QAM	36	39	11.15	11.04	11.16			
15	64QAM	75	0	11.08	11.09	11.05	11.5	3	
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	13.41	13.21	13.20	14.5	0	
10	QPSK	1	25	13.68	13.76	13.73			
10	QPSK	1	49	13.37	13.33	13.34			
10	QPSK	25	0	13.03	13.00	12.97			
10	QPSK	25	12	12.98	12.97	12.92	13.5	1	
10	QPSK	25	25	12.91	13.07	12.94			
10	QPSK	50	0	12.92	13.03	12.98			
10	16QAM	1	0	12.79	12.78	12.71			
10	16QAM	1	25	12.98	12.82	12.91	13.5	1	
10	16QAM	1	49	12.78	12.80	12.90			
10	16QAM	25	0	12.08	11.92	11.92			
10	16QAM	25	12	12.12	12.06	12.00			
10	16QAM	25	25	12.08	12.03	12.08	12.5	2	
10	16QAM	50	0	12.09	11.99	12.07			
10	64QAM	1	0	11.59	11.52	11.58			
10	64QAM	1	25	11.76	11.72	11.80			
10	64QAM	1	49	11.58	11.52	11.64	12.5	2	
10	64QAM	25	0	11.16	10.97	10.92			
10	64QAM	25	12	11.21	11.11	11.06			
10	64QAM	25	25	11.06	11.08	11.13			
10	64QAM	50	0	11.07	11.11	10.99	11.5	3	
Channel				37775	38000	38225			
Frequency (MHz)				25725	2595	2617.5			
5	QPSK	1	0	13.44	13.27	13.17	14.5	0	
5	QPSK	1	12	13.69	13.73	13.71			
5	QPSK	1	24	13.38	13.38	13.36			
5	QPSK	12	0	13.07	13.02	12.96			
5	QPSK	12	7	13.01	12.96	12.94	13.5	1	
5	QPSK	12	13	12.97	13.06	12.84			
5	QPSK	26	0	12.95	13.03	12.98			
5	16QAM	1	0	12.83	12.80	12.77			
5	16QAM	1	12	12.90	12.91	12.89	13.5	1	
5	16QAM	1	24	12.85	12.83	12.90			
5	16QAM	12	0	12.09	12.00	11.93			
5	16QAM	12	7	12.12	12.01	11.96			
5	16QAM	12	13	12.09	12.08	12.03	12.5	2	
5	16QAM	25	0	11.99	12.03	12.05			
5	64QAM	1	0	11.64	11.45	11.55			
5	64QAM	1	12	11.81	11.80	11.71			
5	64QAM	1	24	11.63	11.53	11.67	12.5	2	
5	64QAM	12	0	11.12	10.99	10.96			
5	64QAM	12	7	11.21	11.04	11.14			
5	64QAM	12	13	11.08	11.04	11.16			
5	64QAM	25	0	11.03	11.12	11.08	11.5	3	

Band 38_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	15.81	15.78	15.74	17.5	0	
20	QPSK	1	49	15.92	16.16	15.91			
20	QPSK	1	99	15.54	15.50	15.66			
20	QPSK	50	0	15.20	15.25	15.22			
20	QPSK	50	24	15.13	15.19	15.09	16.5	1	
20	QPSK	50	50	15.19	15.17	15.15			
20	QPSK	100	0	15.14	15.24	15.04			
20	16QAM	1	0	15.11	14.96	15.00			
20	16QAM	1	49	15.32	15.26	15.15	16.5	1	
20	16QAM	1	99	15.07	14.92	14.96			
20	16QAM	50	0	14.34	14.25	14.19			
20	16QAM	50	24	14.27	14.21	14.17			
20	16QAM	50	50	14.26	14.20	14.25	15.5	2	
20	16QAM	100	0	14.36	14.26	14.18			
20	64QAM	1	0	13.91	13.74	13.77			
20	64QAM	1	49	13.98	14.00	14.05			
20	64QAM	1	99	13.85	13.76	13.67	15.5	2	
20	64QAM	50	0	13.29	13.21	13.21			
20	64QAM	50	24	13.48	13.20	13.22			
20	64QAM	50	50	13.32	13.33	13.22			
20	64QAM	100	0	13.38	13.22	13.31	14.5	3	
Channel				37825	38000	38175			
Frequency (MHz)				2677.5	2695	2612.5			
15	QPSK	1	0	15.67	15.59	15.53	17.5	0	
15	QPSK	1	37	15.85	15.82	15.82			
15	QPSK	1	74	15.67	15.60	15.55			
15	QPSK	36	0	15.06	15.13	15.16			
15	QPSK	36	20	15.07	15.11	14.99	16.5	1	
15	QPSK	36	39	15.10	15.05	15.03			
15	QPSK	75	0	15.17	15.22	15.04			
15	16QAM	1	0	14.96	14.90	14.85			
15	16QAM	1	37	15.20	15.13	15.07	16.5	1	
15	16QAM	1	74	15.09	14.86	14.84			
15	16QAM	36	0	14.26	14.16	14.13			
15	16QAM	36	20	14.21	14.14	14.09			
15	16QAM	36	39	14.18	14.08	14.18	15.5	2	
15	16QAM	75	0	14.25	14.15	14.12			
15	64QAM	1	0	13.84	13.62	13.72			
15	64QAM	1	37	13.67	13.39	13.95			
15	64QAM	1	74	13.71	13.71	13.55	15.5	2	
15	64QAM	36	0	13.21	13.06	13.08			
15	64QAM	36	20	13.41	13.05	13.17			
15	64QAM	36	39	13.20	13.19	13.18			
15	64QAM	75	0	13.25	13.11	13.24	14.5	3	
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	15.70	15.61	15.51	17.5	0	
10	QPSK	1	25	15.87	15.97	15.81			
10	QPSK	1	49	15.61	15.57	15.52			
10	QPSK	25	0	15.13	15.20	15.15			
10	QPSK	25	12	15.03	15.14	14.98	16.5	1	
10	QPSK	25	25	15.08	15.08	15.10			
10	QPSK	50	0	15.12	15.24	15.03			
10	16QAM	1	0	15.07	14.91	14.91			
10	16QAM	1	25	15.17	15.14	15.05	16.5	1	
10	16QAM	1	49	15.00	14.77	14.91			
10	16QAM	25	0	14.20	14.20	14.10			
10	16QAM	25	12	14.19	14.11	14.08			
10	16QAM	25	25	14.12	14.15	14.13	15.5	2	
10	16QAM	50	0	14.29	14.17	14.10			
10	64QAM	1	0	13.67	13.65	13.70			
10	64QAM	1	25	13.86	13.92	14.00			
10	64QAM	1	49	13.79	13.65	13.62	15.5	2	
10	64QAM	25	0	13.22	13.12	13.12			
10	64QAM	25	12	13.40	13.15	13.07			
10	64QAM	25	25	13.17	13.27	13.13			
10	64QAM	50	0	13.33	13.15	13.25	14.5	3	
Channel				37835	38000	38225			
Frequency (MHz)				2672.5	2695	2617.5			
5	QPSK	1	0	15.72	15.59	15.54	17.5	0	
5	QPSK	1	12	15.81	15.84	15.86			
5	QPSK	1	24	15.66	15.56	15.58			
5	QPSK	12	0	15.05	15.12	15.17			
5	QPSK	12	7	15.01	15.14	14.99	16.5	1	
5	QPSK	12	13	15.07	15.08	15.01			
5	QPSK	25	0	15.09	15.25	15.00			
5	16QAM	1	0	15.00	14.80	14.93			
5	16QAM	1	12	15.26	15.19	15.00	16.5	1	
5	16QAM	1	24	14.93	14.83	14.91			
5	16QAM	12	0	14.27	14.14	14.09			
5	16QAM	12	7	14.12	14.15	14.12			
5	16QAM	12	13	14.16	14.06	14.16	15.5	2	
5	16QAM	25	0	14.24	14.11	14.03			
5	64QAM	1	0	13.79	13.61	13.69			
5	64QAM	1	12	13.85	13.94	13.97			
5	64QAM	1	24	13.77	13.66	13.61	15.5	2	
5	64QAM	12	0	13.22	13.12	13.16			
5	64QAM	12	7	13.34	13.34	13.12			
5	64QAM	12	13	13.16	13.26	13.07			
5	64QAM	25	0	13.31	13.07	13.23	14.5	3	

Receive off

GSM900_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	32.07	32.20	32.09	33.50	23.07	23.20	23.09	24.50
GPRS 1 Tx slot	32.18	32.30	32.16	33.50	23.18	23.30	23.16	24.50
GPRS 2 Tx slots	30.33	30.35	30.32	31.50	24.33	24.35	24.32	25.50
GPRS 3 Tx slots	28.27	28.32	28.17	29.50	24.01	24.06	23.91	25.24
GPRS 4 Tx slots	26.23	26.37	26.34	27.50	23.23	23.37	23.34	24.50
EDGE 1 Tx slot	26.14	26.21	26.18	27.50	17.14	17.21	17.18	18.50
EDGE 2 Tx slots	24.13	24.22	24.18	25.50	18.13	18.22	18.18	19.50
EDGE 3 Tx slots	21.85	21.92	21.78	23.50	17.50	17.66	17.52	19.24
EDGE 4 Tx slots	19.57	19.68	19.67	21.00	16.57	16.68	16.67	18.00

Band	WCDMA II_Ant 0				Tune-up Limit (dBm)	WCDMA IV_Ant 0				Tune-up Limit (dBm)
	TX Channel	9282	9400	9538		1312	1413	1513		
Rx Channel	9282	9300	9338	9538	1537	1638	1728			
Frequency (MHz)	1852.4	1860	1807.8	1807.8	1712.4	1732.8	1752.6			
3GPP Rel 99	AMR 12.2Kbps	19.21	19.25	19.21	20.00	19.33	19.47	19.44	20.00	
3GPP Rel 99	RM-C 12.2Kbps	19.27	19.31	19.28	20.00	19.45	19.48	19.39	20.00	
3GPP Rel 6	HSDPA Subtest-1	18.34	18.43	18.26	19.00	18.63	18.61	18.69	19.00	
3GPP Rel 6	HSDPA Subtest-2	18.17	18.24	18.16	19.00	18.54	18.57	18.50	19.00	
3GPP Rel 6	HSDPA Subtest-3	17.72	17.78	17.82	18.50	18.13	18.00	18.06	18.50	
3GPP Rel 6	HSDPA Subtest-4	17.72	17.70	17.66	18.50	17.84	18.00	18.04	18.50	
3GPP Rel 8	DC-HSDPA Subtest-1	18.24	18.22	18.14	19.00	18.57	18.62	18.64	19.00	
3GPP Rel 8	DC-HSDPA Subtest-2	18.07	18.09	18.06	19.00	18.55	18.39	18.54	19.00	
3GPP Rel 8	DC-HSDPA Subtest-3	17.86	17.82	17.52	18.50	18.04	17.99	18.01	18.50	
3GPP Rel 8	DC-HSDPA Subtest-4	17.69	17.63	17.62	18.50	17.96	17.85	17.82	18.50	
3GPP Rel 6	HSUPA Subtest-1	16.57	16.50	16.47	17.50	16.62	16.70	16.77	17.50	
3GPP Rel 6	HSUPA Subtest-2	16.42	16.38	16.36	17.50	16.58	16.69	16.64	17.50	
3GPP Rel 6	HSUPA Subtest-3	17.37	17.38	17.41	18.50	17.57	17.75	17.69	18.50	
3GPP Rel 6	HSUPA Subtest-4	15.97	15.94	15.91	17.00	16.13	16.09	16.20	17.00	
3GPP Rel 6	HSUPA Subtest-5	17.35	17.34	17.35	18.50	17.67	17.51	17.54	18.50	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.90	15.89	15.86	17.00	16.03	16.03	16.05	17.00	

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	512	661	810	512	661	810	
Frequency (MHz)	1850.2	1860	1909.8	1850.2	1860	1909.8		
GSM 1 Tx slot	26.98	27.04	26.80	28.50	17.98	18.04	17.80	19.50
GPRS 1 Tx slot	26.62	26.62	26.91	28.50	17.92	17.82	17.91	19.50
GPRS 2 Tx slots	25.09	25.21	24.96	26.50	19.09	19.21	18.96	20.50
GPRS 3 Tx slots	23.38	23.51	23.35	24.50	19.12	19.25	19.09	20.24
GPRS 4 Tx slots	21.62	21.75	21.56	22.50	18.62	18.75	18.56	19.50
EDGE 1 Tx slot	23.31	23.36	23.40	24.50	14.31	14.36	14.40	15.50
EDGE 2 Tx slots	21.35	21.40	21.33	22.50	15.35	15.40	15.33	16.50
EDGE 3 Tx slots	19.24	19.33	19.26	20.50	14.98	15.07	15.02	16.24
EDGE 4 Tx slots	17.00	17.13	17.21	18.50	14.00	14.13	14.21	15.50

Band	WCDMA V_Ant 0			Tune-up Limit (dBm)	
	TX Channel	4132	4162		4233
Rx Channel		4357	4407	4458	
Frequency (MHz)		828.4	835.4	846.8	
3GPP Rel 99	AMR 12.2Kbps	23.40	23.40	23.38	24.00
3GPP Rel 99	RM-C 12.2Kbps	23.44	23.46	23.42	24.00
3GPP Rel 6	HSDPA Subtest-1	22.68	22.54	22.60	23.00
3GPP Rel 6	HSDPA Subtest-2	22.62	22.45	22.34	23.00
3GPP Rel 6	HSDPA Subtest-3	22.09	22.01	21.93	22.50
3GPP Rel 6	HSDPA Subtest-4	22.04	22.00	21.94	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.60	22.47	22.56	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.49	22.35	22.24	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.07	21.86	21.87	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.97	21.87	21.89	22.50
3GPP Rel 6	HSUPA Subtest-1	20.65	20.54	20.56	21.50
3GPP Rel 6	HSUPA Subtest-2	20.55	20.46	20.54	21.50
3GPP Rel 6	HSUPA Subtest-3	21.64	21.52	21.54	22.50
3GPP Rel 6	HSUPA Subtest-4	20.18	20.00	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	21.50	21.50	21.40	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.03	19.99	20.07	21.00

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												
Frequency (MHz)												
20	QPSK	1	0	18.88	18.83	18.89	20	0				
20	QPSK	1	49	18.81	19.27	19.16						
20	QPSK	1	99	18.80	18.77	18.78						
20	QPSK	50	0	18.20	18.21	18.18						
20	QPSK	50	24	18.13	19.15	18.14	19	1				
20	QPSK	50	50	18.17	18.20	18.08						
20	QPSK	100	0	18.10	18.20	18.19						
20	16QAM	1	0	18.12	18.11	18.20						
20	16QAM	1	49	18.45	18.50	18.44	19	1				
20	16QAM	1	99	17.99	18.02	17.98						
20	16QAM	50	0	17.17	17.31	17.19						
20	16QAM	50	24	17.20	17.18	17.22						
20	16QAM	50	50	17.16	17.20	17.13	18	2				
20	16QAM	100	0	17.06	17.24	17.09						
20	84QAM	1	0	17.00	16.97	17.04						
20	84QAM	1	49	17.44	17.34	17.31						
20	84QAM	1	99	17.14	17.06	17.09	18	2				
20	84QAM	50	0	16.17	16.34	16.14						
20	84QAM	50	24	16.20	16.18	16.14						
20	84QAM	50	50	16.05	16.19	16.11						
20	84QAM	100	0	16.17	16.23	16.15						
Channel												
Frequency (MHz)												
15	QPSK	1	0	18.83	18.78	18.81	20	0				
15	QPSK	1	37	19.09	19.14	19.04						
15	QPSK	1	74	18.68	18.66	18.67						
15	QPSK	36	0	18.14	18.09	18.03						
15	QPSK	36	20	18.00	18.06	18.03	19	1				
15	QPSK	36	39	18.04	18.13	17.96						
15	QPSK	75	0	18.01	18.11	18.04						
15	16QAM	1	0	18.00	18.05	18.10						
15	16QAM	1	37	18.33	18.38	18.34	19	1				
15	16QAM	1	74	17.94	17.90	17.89						
15	16QAM	36	0	17.09	17.16	17.07						
15	16QAM	36	29	17.03	17.05	17.10						
15	16QAM	36	39	17.04	17.07	16.99	18	2				
15	16QAM	75	0	17.01	17.11	17.01						
15	84QAM	1	0	16.91	16.90	16.90						
15	84QAM	1	37	17.31	17.28	17.16						
15	84QAM	1	74	17.08	17.00	16.94	18	2				
15	84QAM	36	0	16.09	16.29	16.09						
15	84QAM	36	20	16.05	16.07	16.09						
15	84QAM	36	39	15.90	16.05	16.04						
15	84QAM	75	0	16.02	16.08	16.02	17	3				
Channel												
Frequency (MHz)												
10	QPSK	1	0	18.79	18.74	18.75	20	0				
10	QPSK	1	25	19.06	19.13	19.09						
10	QPSK	1	49	18.67	18.66	18.70						
10	QPSK	25	0	18.13	18.13	18.11						
10	QPSK	25	12	18.01	18.01	18.05	19	1				
10	QPSK	25	25	18.08	18.10	18.01						
10	QPSK	50	0	17.98	18.08	18.08						
10	16QAM	1	0	18.06	18.05	18.05						
10	16QAM	1	25	18.32	18.36	18.33	19	1				
10	16QAM	1	49	17.93	17.96	17.83						
10	16QAM	25	0	17.02	17.16	17.07						
10	16QAM	25	12	17.08	17.12	17.14						
10	16QAM	25	25	17.07	17.08	17.06	18	2				
10	16QAM	50	0	17.01	17.12	16.97						
10	84QAM	1	0	16.88	16.88	16.91						
10	84QAM	1	25	17.24	17.27	17.26						
10	84QAM	1	49	17.03	16.97	16.98	18	2				
10	84QAM	25	0	16.10	16.25	16.02						
10	84QAM	25	12	16.09	16.05	16.00						
10	84QAM	25	25	15.91	16.10	16.01						
10	84QAM	50	0	16.04	16.18	16.09	17	3				
Channel												
Frequency (MHz)												
5	QPSK	1	0	18.73	18.70	18.74	20	0				
5	QPSK	1	12	19.14	19.15	19.04						
5	QPSK	1	24	18.68	18.69	18.64						
5	QPSK	12	0	18.06	18.14	18.04						
5	QPSK	12	7	17.99	18.07	18.07	19	1				
5	QPSK	12	13	18.10	18.07	17.94						
5	QPSK	25	0	17.96	18.10	18.12						
5	16QAM	1	0	18.05	18.01	18.15						
5	16QAM	1	12	18.30	18.39	18.31	19	1				
5	16QAM	1	24	17.92	17.90	17.83						
5	16QAM	12	0	17.09	17.23	17.14						
5	16QAM	12	7	17.15	17.10	17.11						
5	16QAM	12	13	17.08	17.06	17.00	18	2				
5	16QAM	25	0	17.00	17.17	17.01						
5	84QAM	1	0	16.94	16.92	16.92						
5	84QAM	1	12	17.38	17.22	17.25						
5	84QAM	1	24	17.02	17.00	16.98	18	2				
5	84QAM	12	0	16.08	16.27	16.09						
5	84QAM	12	7	16.06	16.13	16.08						
5	84QAM	12	13	15.97	16.11	15.99						
5	84QAM	25	0	16.04	16.09	16.06	17	3				
Channel												
Frequency (MHz)												
3	QPSK	1	0	18.80	18.68	18.75	20	0				
3	QPSK	1	8	19.10	19.16	19.08						
3	QPSK	1	14	18.72	18.62	18.73						
3	QPSK	8	0	18.11	18.14	18.12						
3	QPSK	8	4	18.08	18.00	18.08	19	1				
3	QPSK	8	7	18.07	18.05	17.97						
3	QPSK	15	0	18.04	18.07	18.06						
3	16QAM	1	0	17.97	18.04	18.10						
3	16QAM	1	8	18.30	18.40	18.36	19	1				
3	16QAM	1	14	17.82	17.91	17.86						
3	16QAM	8	0	17.03	17.10	17.08						
3	16QAM	8	4	17.05	17.07	17.08						
3	16QAM	8	7	17.05	17.10	17.01	18	2				
3	16QAM	15	0	17.01	17.17	16.99						
3	84QAM	1	0	16.93	16.85	16.90						
3	84QAM	1	8	17.39	17.19	17.26						
3	84QAM	1	14	17.08	16.93	16.99	18	2				
3	84QAM	8	0	16.03	16.20	16.07						
3	84QAM	8	4	16.08	16.10	16.00						
3	84QAM	8	7	15.91	16.06	16.06						
3	84QAM	15	0	16.02	16.16	16.07	17	3				
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	18.75	18.70	18.84	20	0				
1.4	QPSK	1	3	19.07	19.10	19.06						
1.4	QPSK	1	5	18.67	18.62	18.68	20	0				
1.4	QPSK	3	0	18.69	18.63	18.80						
1.4	QPSK	3	1	19.07	19.17	18.92						
1.4	QPSK	3	3	18.81	18.55	18.84						
1.4	QPSK	6	0	17.96	18.06	18.07	19	1				
1.4	QPSK	6	4	18.07	17.96	18.12						
1.4	QPSK	1	3	18.39	18.41	18.31						
1.4	16QAM	1	5	17.90	17.96	17.93						
1.4	16QAM	3	0	17.98	17.94	18.06	19	1				
1.4	16QAM	3	1	18.20	18.36	18.31						
1.4	16QAM	6	0	16.96	17.17	16.97						
1.4	16QAM	1	3	16.85	16.85	16.96						
1.4	84QAM	1	3	17.29	17.27	17.16	18	2				
1.4	84QAM	1	5	17.05	16.94	17.02						
1.4	84QAM	3	1	16.82	16.83	16.90						
1.4	84QAM	3	1	17.28	17.16	17.01						
1.4	84QAM	3	3	16.96	16.92	17.02	17	3				
1.4	84QAM	6	0	16.06	16.08	16.12						
1.4	84QAM	6	0	16.06	16.08	16.12						
1.4	84QAM	6	0	16.06	16.08	16.12						

Band 4_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	17.89	17.86	17.83	19.5	0	
20	QPSK	1	49	18.22	18.26	18.19			
20	QPSK	1	99	17.78	17.68	17.73			
20	QPSK	50	0	17.56	17.63	17.59			
20	QPSK	50	24	17.61	17.64	17.61	18.5	1	
20	QPSK	50	50	17.56	17.52	17.55			
20	QPSK	100	0	17.55	17.60	17.57			
20	16QAM	1	0	17.51	17.63	17.55			
20	16QAM	1	49	17.83	17.89	17.88	18.5	1	
20	16QAM	1	99	17.37	17.30	17.40			
20	16QAM	50	0	16.56	16.54	16.58			
20	16QAM	50	24	16.56	16.52	16.57			
20	16QAM	50	50	16.47	16.57	16.45	17.5	2	
20	16QAM	100	0	16.54	16.56	16.56			
20	64QAM	1	0	16.46	16.45	16.40			
20	64QAM	1	49	16.75	16.69	16.74			
20	64QAM	1	99	16.32	16.32	16.29	17.5	2	
20	64QAM	50	0	15.58	15.61	15.64			
20	64QAM	50	24	15.66	15.57	15.65			
20	64QAM	50	50	15.49	15.50	15.47			
20	64QAM	100	0	15.54	15.60	15.55	16.5	3	
Channel				20025	20175	20325			
Frequency (MHz)				1717.5	1732.5	1747.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	17.77	17.81	17.70	19.5	0	
15	QPSK	1	37	18.14	18.21	18.04			
15	QPSK	1	74	17.64	17.75	17.60			
15	QPSK	36	0	17.50	17.55	17.54			
15	QPSK	36	20	17.53	17.53	17.48	18.5	1	
15	QPSK	36	39	17.51	17.40	17.43			
15	QPSK	75	0	17.50	17.55	17.50			
15	16QAM	1	0	17.45	17.57	17.49			
15	16QAM	1	37	17.77	17.77	17.77	18.5	1	
15	16QAM	1	74	17.24	17.16	17.35			
15	16QAM	36	0	16.46	16.41	16.50			
15	16QAM	36	20	16.47	16.46	16.50			
15	16QAM	36	39	16.37	16.46	16.32	17.5	2	
15	16QAM	75	0	16.39	16.47	16.47			
15	64QAM	1	0	16.31	16.40	16.27			
15	64QAM	1	37	16.69	16.64	16.65			
15	64QAM	1	74	16.18	16.17	16.23	17.5	2	
15	64QAM	36	0	15.45	15.47	15.53			
15	64QAM	36	20	15.58	15.49	15.60			
15	64QAM	36	39	15.38	15.43	15.39			
15	64QAM	75	0	15.39	15.53	15.48	16.5	3	
Channel				20000	20175	20350			
Frequency (MHz)				1715	1732.5	1750	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	17.84	17.76	17.70	19.5	0	
10	QPSK	1	25	18.17	18.19	18.06			
10	QPSK	1	49	17.86	17.75	17.81			
10	QPSK	25	0	17.41	17.49	17.52			
10	QPSK	25	12	17.47	17.47	17.49	18.5	1	
10	QPSK	25	25	17.51	17.42	17.48			
10	QPSK	50	0	17.42	17.50	17.50			
10	16QAM	1	0	17.46	17.57	17.49			
10	16QAM	1	25	17.78	17.82	17.78	18.5	1	
10	16QAM	1	49	17.22	17.19	17.30			
10	16QAM	25	0	16.42	16.48	16.48			
10	16QAM	25	12	16.49	16.45	16.47			
10	16QAM	25	25	16.32	16.50	16.33	17.5	2	
10	16QAM	50	0	16.48	16.51	16.50			
10	64QAM	1	0	16.32	16.37	16.35			
10	64QAM	1	25	16.67	16.64	16.66			
10	64QAM	1	49	16.25	16.25	16.24	17.5	2	
10	64QAM	25	0	15.50	15.55	15.57			
10	64QAM	25	12	15.59	15.52	15.57			
10	64QAM	25	25	15.43	15.37	15.35			
10	64QAM	50	0	15.39	15.48	15.40	16.5	3	
Channel				19975	20175	20375			
Frequency (MHz)				1712.5	1732.5	1752.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	17.79	17.78	17.74	19.5	0	
5	QPSK	1	12	18.17	18.18	18.14			
5	QPSK	1	24	17.64	17.81	17.68			
5	QPSK	12	0	17.41	17.50	17.44			
5	QPSK	12	7	17.50	17.51	17.52	18.5	1	
5	QPSK	12	13	17.45	17.46	17.47			
5	QPSK	25	0	17.44	17.53	17.46			
5	16QAM	1	0	17.42	17.51	17.44			
5	16QAM	1	12	17.69	17.76	17.80	18.5	1	
5	16QAM	1	24	17.28	17.23	17.28			
5	16QAM	12	0	16.41	16.47	16.43			
5	16QAM	12	7	16.45	16.44	16.51			
5	16QAM	12	13	16.34	16.41	16.32	17.5	2	
5	16QAM	25	0	16.39	16.48	16.51			
5	64QAM	1	0	16.35	16.35	16.30			
5	64QAM	1	12	16.69	16.62	16.59			
5	64QAM	1	24	16.27	16.24	16.14	17.5	2	
5	64QAM	12	0	15.53	15.49	15.50			
5	64QAM	12	7	15.51	15.44	15.50			
5	64QAM	12	13	15.40	15.41	15.40			
5	64QAM	25	0	15.43	15.54	15.43	16.5	3	
Channel				19985	20175	20385			
Frequency (MHz)				1711.5	1732.5	1753.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	17.81	17.80	17.78	19.5	0	
3	QPSK	1	8	18.14	18.20	18.04			
3	QPSK	1	14	17.67	17.75	17.63			
3	QPSK	8	0	17.50	17.57	17.45			
3	QPSK	8	4	17.54	17.50	17.47	18.5	1	
3	QPSK	8	7	17.45	17.43	17.48			
3	QPSK	15	0	17.44	17.51	17.43			
3	16QAM	1	0	17.40	17.53	17.45			
3	16QAM	1	8	17.74	17.77	17.82	18.5	1	
3	16QAM	1	14	17.22	17.17	17.32			
3	16QAM	8	0	16.42	16.48	16.48			
3	16QAM	8	4	16.42	16.37	16.52			
3	16QAM	8	7	16.34	16.49	16.35	17.5	2	
3	16QAM	15	0	16.47	16.46	16.41			
3	64QAM	1	0	16.38	16.30	16.28			
3	64QAM	1	8	16.63	16.63	16.64			
3	64QAM	3	0	16.25	16.25	16.16	17.5	2	
3	64QAM	8	0	15.43	15.56	15.59			
3	64QAM	8	4	15.58	15.42	15.53			
3	64QAM	8	7	15.43	15.45	15.34			
3	64QAM	15	0	15.47	15.46	15.49	16.5	3	
Channel				19957	20175	20393			
Frequency (MHz)				1710.7	1732.5	1754.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	17.76	17.74	17.68	19.5	0	
1.4	QPSK	1	3	18.07	18.16	18.10			
1.4	QPSK	1	5	17.63	17.63	17.61			
1.4	QPSK	3	0	17.73	17.65	17.62			
1.4	QPSK	3	1	18.07	18.14	18.05	18.5	1	
1.4	QPSK	3	3	17.74	17.75	17.60			
1.4	QPSK	6	0	17.49	17.53	17.48	18.5	1	
1.4	16QAM	1	0	17.41	17.49	17.49			
1.4	16QAM	1	3	17.72	17.73	17.78			
1.4	16QAM	1	5	17.31	17.19	17.35			
1.4	16QAM	1	0	17.37	17.42	17.45	18.5	1	
1.4	16QAM	3	1	17.57	17.76	17.76			
1.4	16QAM	3	3	17.28	17.07	17.29			
1.4	16QAM	3	6	16.39	16.36	16.46			
1.4	64QAM	1	0	16.41	16.36	16.33	17.5	2	
1.4	64QAM	1	3	16.70	16.64	16.66			
1.4	64QAM	1	5	16.24	16.23	16.24			
1.4	64QAM	3	0	16.28	16.27	16.33			
1.4	64QAM	3	1	16.62	16.64	16.65	17.5	2	
1.4	64QAM	3	3	16.14	16.09	16.12			
1.4	64QAM	6	0	15.44	15.46	15.45			
1.4	64QAM	6	0	15.44	15.46	15.45			

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	13.5	0		
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	12.36	12.47	12.36				
20	QPSK	1	49	12.76	12.80	12.73	12.5	1		
20	QPSK	1	99	12.42	12.48	12.39				
20	QPSK	50	0	12.06	12.13	12.11				
20	QPSK	50	24	11.98	12.08	12.01	12.5	1		
20	QPSK	50	50	12.04	12.11	12.05				
20	QPSK	100	0	12.02	12.07	11.99				
20	16QAM	1	0	11.76	11.96	11.78	12.5	1		
20	16QAM	1	49	12.15	12.06	12.21				
20	16QAM	1	99	12.05	11.94	12.11				
20	16QAM	50	0	10.93	11.07	10.96	11.5	2		
20	16QAM	50	24	11.06	11.16	11.02				
20	16QAM	50	50	11.04	11.12	11.10				
20	16QAM	100	0	10.98	11.06	11.02	11.5	2		
20	64QAM	1	0	10.81	10.86	10.84				
20	64QAM	1	49	10.99	11.00	10.91				
20	64QAM	1	99	10.79	10.93	10.66	10.5	3		
20	64QAM	50	0	9.99	10.08	10.06				
20	64QAM	50	24	10.02	10.12	10.08				
20	64QAM	50	50	10.05	10.17	10.00	10.5	3		
20	64QAM	100	0	10.05	10.08	10.00				
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5	13.5	0		
15	QPSK	1	0	12.32	12.37	12.26				
15	QPSK	1	37	12.71	12.69	12.67	12.5	1		
15	QPSK	1	74	12.37	12.36	12.29				
15	QPSK	36	0	11.99	12.02	11.97				
15	QPSK	36	20	11.84	11.95	11.95	12.5	1		
15	QPSK	36	39	11.92	12.05	11.94				
15	QPSK	75	0	11.94	11.95	11.87				
15	16QAM	1	0	11.69	11.82	11.73	12.5	1		
15	16QAM	1	37	12.05	11.94	12.07				
15	16QAM	1	74	11.98	11.87	12.02				
15	16QAM	36	0	10.88	10.97	10.82	11.5	2		
15	16QAM	36	20	10.91	11.04	10.92				
15	16QAM	36	39	10.90	11.01	10.96				
15	16QAM	75	0	10.86	10.91	10.97	11.5	2		
15	64QAM	1	0	10.74	10.73	10.77				
15	64QAM	1	37	10.90	10.91	10.81				
15	64QAM	1	74	10.72	10.82	10.58	10.5	3		
15	64QAM	36	0	9.90	9.96	9.86				
15	64QAM	36	20	9.88	10.00	9.95				
15	64QAM	36	39	9.92	10.08	9.89	10.5	3		
15	64QAM	75	0	10.00	9.95	9.85				
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505	2535	2565	13.5	0		
10	QPSK	1	0	12.28	12.40	12.22				
10	QPSK	1	25	12.71	12.69	12.65	12.5	1		
10	QPSK	1	49	12.27	12.36	12.27				
10	QPSK	25	0	11.91	12.06	11.98				
10	QPSK	25	12	11.90	11.98	11.90	12.5	1		
10	QPSK	25	25	11.95	11.99	11.99				
10	QPSK	50	0	11.95	11.95	11.87				
10	16QAM	1	0	11.67	11.81	11.70	12.5	1		
10	16QAM	1	25	12.01	11.95	12.07				
10	16QAM	1	49	11.97	11.83	11.97				
10	16QAM	25	0	10.83	10.99	10.86	11.5	2		
10	16QAM	25	12	11.00	11.05	10.91				
10	16QAM	25	25	10.98	11.07	11.01				
10	16QAM	50	0	10.87	10.91	10.89	11.5	2		
10	64QAM	1	0	10.67	10.76	10.78				
10	64QAM	1	25	10.86	10.91	10.77				
10	64QAM	1	49	10.69	10.86	10.53	10.5	3		
10	64QAM	25	0	9.84	9.97	9.95				
10	64QAM	25	12	9.87	9.99	10.01				
10	64QAM	25	25	9.97	10.11	9.85	10.5	3		
10	64QAM	50	0	9.98	10.02	9.86				
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5	13.5	0		
5	QPSK	1	0	12.29	12.32	12.31				
5	QPSK	1	12	12.65	12.75	12.61	12.5	1		
5	QPSK	1	24	12.32	12.34	12.28				
5	QPSK	12	0	11.95	12.06	12.00				
5	QPSK	12	7	11.83	12.03	11.89	12.5	1		
5	QPSK	12	13	11.94	11.96	11.97				
5	QPSK	25	0	11.93	12.01	11.87				
5	16QAM	1	0	11.70	11.89	11.72	12.5	1		
5	16QAM	1	12	12.06	11.93	12.15				
5	16QAM	1	24	11.94	11.84	11.98				
5	16QAM	12	0	10.83	11.02	10.81	11.5	2		
5	16QAM	12	7	10.99	11.08	10.87				
5	16QAM	12	13	10.96	11.03	11.01				
5	16QAM	25	0	10.87	10.91	10.95	11.5	2		
5	64QAM	1	0	10.71	10.73	10.71				
5	64QAM	1	12	10.85	10.93	10.84				
5	64QAM	1	24	10.67	10.83	10.59	10.5	3		
5	64QAM	12	0	9.87	9.95	9.89				
5	64QAM	12	7	9.95	9.99	10.00				
5	64QAM	12	13	9.95	10.10	9.92	10.5	3		
5	64QAM	25	0	9.98	9.99	9.93				

Band 7_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	14.79	14.90	14.77	16.5	0	
20	QPSK	1	49	15.13	15.21	15.20			
20	QPSK	1	99	14.83	14.92	14.87			
20	QPSK	50	0	14.50	14.68	14.65	15.5	1	
20	QPSK	50	24	14.54	14.59	14.59			
20	QPSK	50	50	14.58	14.64	14.61			
20	QPSK	100	0	14.52	14.68	14.61			
20	16QAM	1	0	14.36	14.45	14.45	15.5	1	
20	16QAM	1	49	14.73	14.79	14.69			
20	16QAM	1	99	14.40	14.59	14.41			
20	16QAM	50	0	13.54	13.62	13.56	14.5	2	
20	16QAM	50	24	13.57	13.68	13.65			
20	16QAM	50	50	13.55	13.67	13.59			
20	16QAM	100	0	13.52	13.65	13.63			
20	64QAM	1	0	13.37	13.48	13.34	14.5	2	
20	64QAM	1	49	13.70	13.71	13.75			
20	64QAM	1	99	13.34	13.48	13.41			
20	64QAM	50	0	12.45	12.62	12.55	13.5	3	
20	64QAM	50	24	12.56	12.67	12.67			
20	64QAM	50	50	12.63	12.63	12.66			
20	64QAM	100	0	12.58	12.60	12.63			
Channel				20825	21100	21375			
Frequency (MHz)				2607.5	2635	2662.5			
15	QPSK	1	0	14.70	14.80	14.68	16.5	0	
15	QPSK	1	37	15.06	15.13	15.09			
15	QPSK	1	74	14.69	14.77	14.82			
15	QPSK	36	0	14.54	14.57	14.52	15.5	1	
15	QPSK	36	20	14.43	14.51	14.45			
15	QPSK	36	39	14.47	14.54	14.46			
15	QPSK	75	0	14.47	14.54	14.48	15.5	1	
15	16QAM	1	0	14.31	14.37	14.40			
15	16QAM	1	37	14.58	14.65	14.63			
15	16QAM	1	74	14.26	14.32	14.33	14.5	2	
15	16QAM	36	0	13.48	13.54	13.48			
15	16QAM	36	20	13.52	13.60	13.57			
15	16QAM	36	39	13.46	13.58	13.45	14.5	2	
15	16QAM	75	0	13.37	13.57	13.55			
15	64QAM	1	0	13.25	13.41	13.24			
15	64QAM	1	37	13.57	13.65	13.63	14.5	2	
15	64QAM	1	74	13.26	13.39	13.27			
15	64QAM	36	0	12.30	12.51	12.47			
15	64QAM	36	20	12.41	12.62	12.62	13.5	3	
15	64QAM	36	39	12.53	12.52	12.52			
15	64QAM	75	0	12.49	12.52	12.48			
Channel				20800	21100	21400			
Frequency (MHz)				24867	2535	2565			
10	QPSK	1	0	14.67	14.76	14.66	16.5	0	
10	QPSK	1	25	15.02	15.10	15.10			
10	QPSK	1	49	14.70	14.82	14.77			
10	QPSK	25	0	14.45	14.55	14.57	15.5	1	
10	QPSK	25	12	14.46	14.47	14.53			
10	QPSK	25	25	14.53	14.49	14.56			
10	QPSK	50	0	14.45	14.60	14.56	15.5	1	
10	QPSK	50	1	14.31	14.38	14.35			
10	16QAM	1	25	14.67	14.68	14.58			
10	16QAM	1	49	14.35	14.49	14.28	14.5	2	
10	16QAM	25	0	13.39	13.54	13.49			
10	16QAM	25	12	13.52	13.61	13.57			
10	16QAM	25	25	13.47	13.58	13.45	13.5	3	
10	16QAM	50	0	13.46	13.56	13.48			
10	64QAM	1	0	13.23	13.41	13.27			
10	64QAM	1	25	13.63	13.60	13.68	14.5	2	
10	64QAM	1	49	13.24	13.37	13.29			
10	64QAM	25	0	12.32	12.56	12.50			
10	64QAM	25	12	12.43	12.57	12.62	13.5	3	
10	64QAM	25	25	12.53	12.48	12.52			
10	64QAM	50	0	12.47	12.47	12.52			
Channel				20775	21100	21425			
Frequency (MHz)				2602.5	2636	2667.5			
5	QPSK	1	0	14.64	14.79	14.70	16.5	0	
5	QPSK	1	12	15.02	15.11	15.16			
5	QPSK	1	24	14.72	14.78	14.73			
5	QPSK	12	0	14.45	14.53	14.54	15.5	1	
5	QPSK	12	7	14.47	14.48	14.45			
5	QPSK	12	13	14.45	14.50	14.54			
5	16QAM	1	0	14.30	14.35	14.31	14.5	2	
5	16QAM	1	12	14.60	14.71	14.51			
5	16QAM	1	24	14.32	14.51	14.35			
5	16QAM	12	0	13.45	13.57	13.49	13.5	3	
5	16QAM	12	7	13.45	13.56	13.54			
5	16QAM	12	13	13.44	13.59	13.50			
5	16QAM	25	0	13.46	13.50	13.53	13.5	3	
5	64QAM	1	0	13.26	13.40	13.28			
5	64QAM	1	12	13.62	13.57	13.60			
5	64QAM	1	24	13.22	13.38	13.36	14.5	2	
5	64QAM	12	0	12.35	12.50	12.50			
5	64QAM	12	7	12.41	12.53	12.50			
5	64QAM	12	13	12.54	12.50	12.58	13.5	3	
5	64QAM	25	0	12.41	12.55	12.48			

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	23.18	23.18	23.19	24	0	
15	QPSK	1	37	23.48	23.50	23.45			
15	QPSK	1	74	23.23	23.14	23.14			
15	QPSK	36	0	22.41	22.43	22.39	23	1	
15	QPSK	36	20	22.39	22.37	22.37			
15	QPSK	36	39	22.30	22.35	22.29			
15	QPSK	75	0	22.30	22.39	22.35	23	1	
15	16QAM	1	0	22.43	22.36	22.47			
15	16QAM	1	37	22.69	22.72	22.68			
15	16QAM	1	74	22.49	22.40	22.40	22	2	
15	16QAM	36	0	21.25	21.35	21.33			
15	16QAM	36	20	21.38	21.37	21.35			
15	16QAM	36	39	21.26	21.36	21.27	22	2	
15	16QAM	75	0	21.27	21.38	21.33			
15	64QAM	1	0	21.32	21.31	21.38			
15	64QAM	1	37	21.58	21.60	21.63	22	2	
15	64QAM	1	74	21.36	21.34	21.32			
15	64QAM	36	0	20.35	20.45	20.43			
15	64QAM	36	20	20.44	20.48	20.43	21	3	
15	64QAM	36	39	20.33	20.46	20.30			
15	64QAM	75	0	20.35	20.44	20.39			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.08	23.05	23.04	24	0	
10	QPSK	1	25	23.38	23.38	23.32			
10	QPSK	1	49	23.12	23.01	23.08			
10	QPSK	25	0	22.27	22.34	22.30	23	1	
10	QPSK	25	12	22.31	22.38	22.22			
10	QPSK	25	25	22.22	22.27	22.26			
10	QPSK	50	0	22.17	22.25	22.20	23	1	
10	16QAM	1	0	22.41	22.24	22.45			
10	16QAM	1	25	22.60	22.69	22.56			
10	16QAM	1	49	22.44	22.32	22.32	22	2	
10	16QAM	25	0	21.24	21.31	21.23			
10	16QAM	25	12	21.26	21.26	21.24			
10	16QAM	25	25	21.14	21.23	21.18	22	2	
10	16QAM	50	0	21.22	21.36	21.30			
10	64QAM	1	0	21.23	21.25	21.35			
10	64QAM	1	25	21.55	21.58	21.61	22	2	
10	64QAM	1	49	21.23	21.27	21.21			
10	64QAM	25	0	20.24	20.40	20.30			
10	64QAM	25	12	20.37	20.40	20.34	21	3	
10	64QAM	25	25	20.30	20.35	20.27			
10	64QAM	50	0	20.28	20.29	20.31			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.16	23.11	23.12	24	0	
5	QPSK	1	12	23.47	23.46	23.36			
5	QPSK	1	24	23.13	23.08	23.03			
5	QPSK	12	0	22.29	22.37	22.37	23	1	
5	QPSK	12	7	22.31	22.39	22.28			
5	QPSK	12	13	22.24	22.25	22.27			
5	QPSK	25	0	22.23	22.31	22.20	23	1	
5	16QAM	1	0	22.29	22.25	22.44			
5	16QAM	1	12	22.62	22.60	22.65			
5	16QAM	1	24	22.36	22.25	22.37	23	1	
5	16QAM	12	0	21.16	21.33	21.31			
5	16QAM	12	7	21.36	21.30	21.22			
5	16QAM	12	13	21.20	21.31	21.18	22	2	
5	16QAM	25	0	21.14	21.33	21.29			
5	64QAM	1	0	21.28	21.18	21.35			
5	64QAM	1	12	21.55	21.56	21.58	22	2	
5	64QAM	1	24	21.25	21.20	21.27			
5	64QAM	12	0	20.26	20.36	20.29			
5	64QAM	12	7	20.30	20.39	20.28	21	3	
5	64QAM	12	13	20.32	20.37	20.20			
5	64QAM	25	0	20.29	20.30	20.37			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.07	23.17	23.13	24	0	
3	QPSK	1	8	23.43	23.48	23.39			
3	QPSK	1	14	23.20	23.05	23.02			
3	QPSK	8	0	22.30	22.37	22.26	23	1	
3	QPSK	8	4	22.32	22.35	22.24			
3	QPSK	8	7	22.29	22.28	22.25			
3	QPSK	15	0	22.25	22.25	22.21	23	1	
3	16QAM	1	0	22.33	22.31	22.43			
3	16QAM	1	8	22.68	22.58	22.62			
3	16QAM	1	14	22.45	22.30	22.26	23	1	
3	16QAM	8	0	21.19	21.25	21.27			
3	16QAM	8	4	21.37	21.24	21.23			
3	16QAM	8	7	21.16	21.26	21.24	22	2	
3	16QAM	15	0	21.13	21.35	21.20			
3	64QAM	1	0	21.22	21.24	21.27			
3	64QAM	1	8	21.49	21.57	21.51	22	2	
3	64QAM	1	14	21.25	21.31	21.28			
3	64QAM	8	0	20.25	20.44	20.40			
3	64QAM	8	4	20.36	20.35	20.41	21	3	
3	64QAM	8	7	20.22	20.35	20.28			
3	64QAM	15	0	20.30	20.42	20.30			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.13	23.03	23.06	24	0	
1.4	QPSK	1	3	23.34	23.36	23.37			
1.4	QPSK	1	5	23.13	23.05	23.01			
1.4	QPSK	3	0	23.28	23.28	23.27	23	1	
1.4	QPSK	3	1	23.28	23.26	23.28			
1.4	QPSK	3	3	23.31	23.31	23.36			
1.4	QPSK	6	0	22.18	22.28	22.25	23	1	
1.4	16QAM	1	0	22.41	22.33	22.40			
1.4	16QAM	1	3	22.65	22.59	22.63			
1.4	16QAM	1	5	22.45	22.29	22.33	23	1	
1.4	16QAM	3	0	22.50	22.49	22.56			
1.4	16QAM	3	1	22.64	22.58	22.49			
1.4	16QAM	3	3	22.50	22.54	22.53	22	2	
1.4	16QAM	6	0	21.23	21.30	21.27			
1.4	64QAM	1	0	21.24	21.16	21.34			
1.4	64QAM	1	3	21.45	21.59	21.50	22	2	
1.4	64QAM	1	5	21.21	21.33	21.31			
1.4	64QAM	3	0	21.43	21.51	21.35			
1.4	64QAM	3	1	21.34	21.53	21.41	22	2	
1.4	64QAM	3	3	21.38	21.58	21.49			
1.4	64QAM	6	0	20.24	20.39	20.36			

Band 26_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	21.89	21.91	21.92	23	0	
15	QPSK	1	37	22.03	22.06	21.97			
15	QPSK	1	74	21.87	21.93	21.85			
15	QPSK	36	0	21.11	21.15	21.04	22	1	
15	QPSK	36	20	21.07	21.10	21.00			
15	QPSK	36	39	20.95	21.11	21.03			
15	QPSK	75	0	20.96	21.08	21.06			
15	16QAM	1	0	21.11	21.06	21.11	22	1	
15	16QAM	1	37	21.04	21.04	21.01			
15	16QAM	1	74	21.15	21.12	21.08			
15	16QAM	36	0	19.88	20.02	20.02	21	2	
15	16QAM	36	20	19.88	20.07	20.03			
15	16QAM	36	39	19.89	20.07	19.88			
15	16QAM	75	0	19.94	20.07	20.03			
15	64QAM	1	0	20.04	20.03	20.09	21	2	
15	64QAM	1	37	20.29	20.33	20.31			
15	64QAM	1	74	20.09	19.96	20.00			
15	64QAM	36	0	19.96	19.99	19.99	20	3	
15	64QAM	36	20	19.12	19.16	19.12			
15	64QAM	36	39	19.00	19.15	19.02			
15	64QAM	75	0	19.98	19.13	19.09			
Channel				26740	26865	26990	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	21.79	21.90	21.80	23	0	
10	QPSK	1	25	21.88	22.01	21.90			
10	QPSK	1	49	21.81	21.90	21.79			
10	QPSK	36	0	21.02	21.07	21.02	22	1	
10	QPSK	25	12	20.92	21.03	20.86			
10	QPSK	25	25	20.87	21.05	20.90			
10	QPSK	50	0	20.93	21.05	20.98			
10	16QAM	1	0	20.98	20.92	20.96	22	1	
10	16QAM	1	25	21.02	20.96	21.00			
10	16QAM	1	49	21.01	21.01	20.93			
10	16QAM	25	0	19.77	19.93	19.94	21	2	
10	16QAM	25	12	19.97	20.02	19.94			
10	16QAM	25	25	19.83	20.00	19.95			
10	16QAM	50	0	19.83	20.02	19.91			
10	64QAM	1	0	19.96	20.02	19.97	21	2	
10	64QAM	1	25	20.24	20.19	20.30			
10	64QAM	1	49	19.98	19.99	19.98			
10	64QAM	25	0	18.30	19.06	18.88	20	3	
10	64QAM	25	12	19.00	19.04	19.07			
10	64QAM	25	25	18.88	19.03	18.88			
10	64QAM	50	0	18.94	19.00	19.01			
Channel				26715	26865	27015	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	21.76	21.76	21.81	23	0	
5	QPSK	1	12	21.88	21.91	21.87			
5	QPSK	1	24	21.86	21.85	21.79			
5	QPSK	12	0	21.04	21.03	20.99	22	1	
5	QPSK	12	7	21.06	21.07	20.93			
5	QPSK	12	13	20.91	21.08	21.02			
5	QPSK	25	0	20.81	20.96	21.04			
5	16QAM	1	0	21.10	20.98	20.98	22	1	
5	16QAM	1	12	21.01	21.01	20.97			
5	16QAM	1	24	21.08	21.04	20.97			
5	16QAM	12	0	19.79	19.97	19.96	21	2	
5	16QAM	12	7	20.00	19.99	19.91			
5	16QAM	12	13	19.84	20.02	19.84			
5	16QAM	25	0	19.91	19.92	19.91			
5	64QAM	1	0	20.03	20.09	20.03	21	2	
5	64QAM	1	12	20.21	20.24	20.18			
5	64QAM	1	24	20.07	19.84	19.85			
5	64QAM	12	0	18.87	19.05	19.00	20	3	
5	64QAM	12	7	19.01	19.07	19.08			
5	64QAM	12	13	18.91	19.07	19.01			
5	64QAM	25	0	18.90	19.02	19.04			
Channel				26715	26865	27025	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				816.5	831.5	847.5			
3	QPSK	1	0	21.87	21.83	21.80	23	0	
3	QPSK	1	8	21.85	22.05	21.92			
3	QPSK	1	14	21.79	21.81	21.70			
3	QPSK	8	0	21.01	21.09	20.94	22	1	
3	QPSK	8	7	20.83	20.99	20.97			
3	QPSK	8	7	20.62	21.10	21.00			
3	QPSK	15	0	20.93	20.97	21.02	22	1	
3	16QAM	1	0	21.09	21.05	21.07			
3	16QAM	1	8	20.99	20.93	20.87			
3	16QAM	1	14	21.10	21.08	21.04			
3	16QAM	8	0	19.86	19.89	20.00	21	2	
3	16QAM	8	7	19.91	20.06	19.91			
3	16QAM	8	7	19.74	20.06	19.95			
3	16QAM	15	0	19.85	19.98	19.89			
3	64QAM	1	0	19.96	20.00	20.01	21	2	
3	64QAM	1	8	20.17	20.20	20.30			
3	64QAM	1	14	20.03	19.93	19.99			
3	64QAM	8	0	18.02	19.08	19.01	20	3	
3	64QAM	8	7	18.96	19.05	18.99			
3	64QAM	8	7	18.87	19.11	18.99			
Channel				26697	26865	27033	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	21.75	21.80	21.78	23	0	
1.4	QPSK	1	3	21.89	21.94	21.92			
1.4	QPSK	1	5	21.72	21.86	21.73			
1.4	QPSK	3	0	21.92	22.02	21.87	22	1	
1.4	QPSK	3	1	21.88	21.84	21.85			
1.4	QPSK	3	1	21.81	21.82	21.82			
1.4	QPSK	6	0	20.70	20.92	20.85			
1.4	16QAM	1	0	20.99	20.98	21.02	22	1	
1.4	16QAM	1	3	20.82	20.89	20.78			
1.4	16QAM	1	5	20.92	20.97	20.79			
1.4	16QAM	3	0	20.84	21.01	20.90	21	2	
1.4	16QAM	3	1	20.77	20.88	20.84			
1.4	16QAM	3	3	20.69	20.93	20.76			
1.4	16QAM	6	0	19.74	19.97	19.86	21	2	
1.4	64QAM	1	0	19.84	19.92	19.93			
1.4	64QAM	1	3	20.21	20.12	20.06			
1.4	64QAM	1	5	19.95	19.80	19.90	21	2	
1.4	64QAM	3	0	20.01	20.09	20.01			
1.4	64QAM	3	7	20.01	20.09	20.01			
1.4	64QAM	3	3	20.01	20.09	19.96	20	3	
1.4	64QAM	6	0	18.88	18.94	18.85			
1.4	64QAM	6	0	18.88	18.94	18.85			

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	19.08	19.08	19.10	20	0				
20	QPSK	1	49	19.46	19.48	19.40						
20	QPSK	1	99	19.10	19.16	19.13						
20	QPSK	50	0	18.73	18.97	18.81						
20	QPSK	50	24	18.74	18.83	18.66	19	1				
20	QPSK	50	50	18.73	18.77	18.77						
20	QPSK	100	0	18.69	18.89	18.82						
20	16QAM	1	0	18.74	18.73	18.97						
20	16QAM	1	49	18.79	18.87	18.96	19	1				
20	16QAM	1	99	18.59	18.64	18.76						
20	16QAM	50	0	17.81	17.93	17.94						
20	16QAM	50	24	17.82	17.83	17.91						
20	16QAM	50	50	17.76	17.77	17.91	18	2				
20	16QAM	100	0	17.65	17.84	17.86						
20	84QAM	1	0	17.59	17.56	17.72						
20	84QAM	1	49	17.73	17.91	17.74						
20	84QAM	1	99	17.44	17.52	17.70	18	2				
20	84QAM	50	0	16.72	16.88	16.60						
20	84QAM	50	24	16.81	16.76	16.70						
20	84QAM	50	50	16.80	16.77	16.78						
20	84QAM	100	0	16.73	16.73	16.80	17	3				
Channel				132047	132322	132597				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5						
15	QPSK	1	0	18.98	19.03	19.03				20	0	
15	QPSK	1	37	19.36	19.38	19.33						
15	QPSK	1	74	19.03	19.10	19.01						
15	QPSK	36	0	18.69	18.89	18.68						
15	QPSK	36	39	18.65	18.68	18.67	19	1				
15	QPSK	75	0	18.58	18.84	18.73						
15	16QAM	1	0	18.68	18.66	18.82						
15	16QAM	1	37	18.71	18.75	18.84						
15	16QAM	1	74	18.44	18.55	18.62	19	1				
15	16QAM	36	0	17.76	17.84	17.83						
15	16QAM	36	20	17.72	17.76	17.81						
15	16QAM	36	39	17.61	17.63	17.76						
15	16QAM	75	0	17.58	17.74	17.78	18	2				
15	84QAM	1	0	17.51	17.49	17.59						
15	84QAM	1	37	17.61	17.85	17.65						
15	84QAM	1	74	17.30	17.41	17.62						
15	84QAM	36	0	16.66	16.82	16.96	18	2				
15	84QAM	36	20	16.75	16.67	16.88						
15	84QAM	36	39	16.74	16.68	16.73						
15	84QAM	75	0	16.68	16.58	16.82						
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1715	1745	1775						
10	QPSK	1	0	18.99	18.94	18.95	20	0				
10	QPSK	1	25	19.31	19.36	19.35						
10	QPSK	1	49	19.03	19.08	19.08						
10	QPSK	25	0	18.72	18.87	18.71						
10	QPSK	25	12	18.67	18.70	18.61	19	1				
10	QPSK	25	25	18.66	18.69	18.68						
10	QPSK	50	0	18.59	18.78	18.72						
10	16QAM	1	0	18.63	18.67	18.82						
10	16QAM	1	25	18.65	18.75	18.88	19	1				
10	16QAM	1	49	18.47	18.51	18.61						
10	16QAM	25	0	17.72	17.88	17.80						
10	16QAM	25	12	17.74	17.69	17.81						
10	16QAM	25	25	17.63	17.66	17.76	18	2				
10	16QAM	50	0	17.55	17.77	17.78						
10	84QAM	1	0	17.47	17.49	17.61						
10	84QAM	1	25	17.61	17.80	17.50						
10	84QAM	1	49	17.29	17.43	17.54	18	2				
10	84QAM	25	0	16.65	16.75	16.97						
10	84QAM	25	12	16.68	16.69	16.94						
10	84QAM	25	25	16.70	16.70	16.68						
10	84QAM	50	0	16.67	16.58	16.82	17	3				
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1712.5	1745	1772.5						
5	QPSK	1	0	18.95	18.97	19.02	20	0				
5	QPSK	1	12	19.39	19.43	19.33						
5	QPSK	1	24	18.97	19.03	18.99						
5	QPSK	12	0	18.69	18.82	18.69						
5	QPSK	12	7	18.65	18.73	18.59	19	1				
5	QPSK	12	13	18.63	18.71	18.67						
5	QPSK	25	0	18.58	18.83	18.73						
5	16QAM	1	0	18.64	18.61	18.88						
5	16QAM	1	12	18.68	18.77	18.83	19	1				
5	16QAM	1	24	18.52	18.49	18.69						
5	16QAM	12	0	17.74	17.80	17.81						
5	16QAM	12	7	17.71	17.69	17.82						
5	16QAM	12	13	17.69	17.70	17.78	18	2				
5	16QAM	25	0	17.51	17.77	17.79						
5	84QAM	1	0	17.47	17.50	17.63						
5	84QAM	1	12	17.64	17.80	17.67						
5	84QAM	1	24	17.33	17.42	17.65	18	2				
5	84QAM	12	0	16.65	16.78	16.92						
5	84QAM	12	7	16.72	16.63	16.89						
5	84QAM	12	13	16.70	16.67	16.92						
5	84QAM	25	0	16.58	16.61	16.82	17	3				
Channel				131987 <th>132322<th>132657</th><th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	132322 <th>132657</th> <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	132657	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1711.5	1745	1778.5						
3	QPSK	1	0	18.99	18.95	19.00	20	0				
3	QPSK	1	8	19.36	19.43	19.27						
3	QPSK	1	14	18.99	19.02	19.08						
3	QPSK	8	0	18.64	18.90	18.76						
3	QPSK	8	4	18.68	18.76	18.53	19	1				
3	QPSK	8	7	18.58	18.65	18.63						
3	QPSK	15	0	18.57	18.78	18.73						
3	16QAM	1	0	18.65	18.64	18.91						
3	16QAM	1	8	18.64	18.78	18.87	19	1				
3	16QAM	1	14	18.54	18.52	18.61						
3	16QAM	8	0	17.69	17.84	17.83						
3	16QAM	8	4	17.72	17.69	17.82						
3	16QAM	8	7	17.68	17.65	17.79	18	2				
3	16QAM	15	0	17.53	17.75	17.77						
3	84QAM	1	0	17.46	17.50	17.58						
3	84QAM	1	8	17.68	17.79	17.61						
3	84QAM	1	14	17.37	17.40	17.65	18	2				
3	84QAM	8	0	16.60	16.74	16.92						
3	84QAM	8	4	16.71	16.69	16.88						
3	84QAM	8	7	16.68	16.62	16.71						
3	84QAM	15	0	16.66	16.68	16.82	17	3				
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1710.7	1745	1779.3						
1.4	QPSK	1	0	19.00	18.99	19.04	20	0				
1.4	QPSK	1	3	19.37	19.33	19.26						
1.4	QPSK	1	5	19.03	19.09	19.00						
1.4	QPSK	3	0	18.87	18.89	18.94						
1.4	QPSK	3	1	19.25	19.31	19.22	19	1				
1.4	QPSK	3	3	18.95	19.06	18.95						
1.4	QPSK	6	0	18.63	18.80	18.72						
1.4	16QAM	1	0	18.68	18.62	18.96						
1.4	16QAM	1	3	18.68	18.81	18.87	19	1				
1.4	16QAM	1	5	18.52	18.58	18.67						
1.4	16QAM	3	0	18.62	18.53	18.89	18	2				
1.4	16QAM	3	1	18.59	18.81	18.74						
1.4	16QAM	3	3	18.42	18.46	18.67						
1.4	16QAM	6	0	17.58	17.71	17.79						
1.4	84QAM	1	0	17.47	17.47	17.59	17	3				
1.4	84QAM	1	3	17.59	17.82	17.64						
1.4	84QAM	1	5	17.31	17.47	17.61						
1.4	84QAM	3	0	17.43	17.42	17.49						
1.4	84QAM	3	1	17.52	17.77	17.62	17	3				
1.4	84QAM	3	3	17.26	17.46	17.57						
1.4	84QAM	3	5	16.59	16.68	16.24						
1.4	84QAM	6	0	16.59	16.68	16.82						

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	14.35	14.25	14.15	15.5	0		
20	QPSK	1	49	14.63	14.74	14.73				
20	QPSK	1	99	14.30	14.40	14.43				
20	QPSK	50	0	14.01	14.03	13.96				
20	QPSK	50	24	13.93	13.99	13.88	14.5	1		
20	QPSK	50	50	13.95	14.00	13.87				
20	QPSK	100	0	13.94	13.95	13.91				
20	16QAM	1	0	13.77	13.84	13.72				
20	16QAM	1	49	13.93	13.87	13.88	14.5	1		
20	16QAM	1	99	13.82	13.87	13.91				
20	16QAM	50	0	13.11	12.95	13.02				
20	16QAM	50	24	13.04	13.01	13.02				
20	16QAM	50	50	13.10	13.09	13.08	13.5	2		
20	16QAM	100	0	13.02	13.02	13.09				
20	64QAM	1	0	12.59	12.47	12.53				
20	64QAM	1	49	12.80	12.77	12.74				
20	64QAM	1	99	12.56	12.50	12.61	13.5	2		
20	64QAM	50	0	12.08	11.99	11.92				
20	64QAM	50	24	12.20	12.02	12.09				
20	64QAM	50	50	12.11	12.01	12.10				
20	64QAM	100	0	12.05	12.07	11.99	12.5	3		
Channel				37825	38000	38175				Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	14.21	14.17	14.05	15.5	0		
15	QPSK	1	37	14.48	14.60	14.62				
15	QPSK	1	74	14.23	14.26	14.34				
15	QPSK	36	0	13.89	13.96	13.82				
15	QPSK	36	20	13.81	13.91	13.81	14.5	1		
15	QPSK	36	39	13.87	13.91	13.76				
15	QPSK	75	0	13.86	13.81	13.85				
15	16QAM	1	0	13.64	13.73	13.57				
15	16QAM	1	37	13.81	13.74	13.79	14.5	1		
15	16QAM	1	74	13.74	13.74	13.79				
15	16QAM	36	0	13.01	12.90	12.95				
15	16QAM	36	20	12.99	12.88	12.88				
15	16QAM	36	39	13.05	12.99	13.03	13.5	2		
15	16QAM	75	0	12.95	12.92	12.95				
15	64QAM	1	0	12.54	12.42	12.44				
15	64QAM	1	37	12.75	12.70	12.59				
15	64QAM	1	74	12.44	12.44	12.54	13.5	2		
15	64QAM	36	0	12.00	11.85	11.86				
15	64QAM	36	20	12.14	11.96	11.97				
15	64QAM	36	39	12.04	11.90	11.99				
15	64QAM	75	0	11.96	11.99	11.88	12.5	3		
Channel				37800	38000	38200				Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	14.29	14.14	14.09	15.5	0		
10	QPSK	1	25	14.58	14.64	14.67				
10	QPSK	1	49	14.21	14.31	14.36				
10	QPSK	25	0	13.93	13.93	13.81				
10	QPSK	25	12	13.80	13.93	13.77	14.5	1		
10	QPSK	25	25	13.85	13.87	13.82				
10	QPSK	50	0	13.82	13.80	13.77				
10	16QAM	1	0	13.65	13.76	13.65				
10	16QAM	1	25	13.85	13.82	13.78	14.5	1		
10	16QAM	1	49	13.73	13.82	13.80				
10	16QAM	25	0	12.98	12.83	12.92				
10	16QAM	25	12	12.92	12.91	12.97				
10	16QAM	25	25	12.95	13.04	12.97	13.5	2		
10	16QAM	50	0	12.90	12.97	12.97				
10	64QAM	1	0	12.49	12.35	12.39				
10	64QAM	1	25	12.66	12.68	12.63				
10	64QAM	1	49	12.48	12.44	12.55	13.5	2		
10	64QAM	25	0	11.97	11.87	11.80				
10	64QAM	25	12	12.14	11.89	12.01				
10	64QAM	25	25	12.06	11.95	11.97				
10	64QAM	50	0	11.90	11.92	11.88	12.5	3		
Channel				37775	38000	38225				Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	14.27	14.20	14.06	15.5	0		
5	QPSK	1	12	14.49	14.62	14.61				
5	QPSK	1	24	14.17	14.31	14.33				
5	QPSK	12	0	13.87	13.98	13.89				
5	QPSK	12	7	13.79	13.84	13.83	14.5	1		
5	QPSK	12	13	13.85	13.95	13.80				
5	QPSK	25	0	13.85	13.85	13.76				
5	16QAM	1	0	13.72	13.79	13.65				
5	16QAM	1	12	13.81	13.74	13.80	14.5	1		
5	16QAM	1	24	13.69	13.73	13.82				
5	16QAM	12	0	13.04	12.80	12.90				
5	16QAM	12	7	12.97	12.91	12.89				
5	16QAM	12	13	13.05	12.96	12.98	13.5	2		
5	16QAM	25	0	12.93	12.93	12.99				
5	64QAM	1	0	12.51	12.32	12.45				
5	64QAM	1	12	12.74	12.68	12.66				
5	64QAM	1	24	12.47	12.40	12.46	13.5	2		
5	64QAM	12	0	11.95	11.94	11.79				
5	64QAM	12	7	12.06	11.89	11.97				
5	64QAM	12	13	12.03	11.94	11.96				
5	64QAM	25	0	11.98	11.93	11.93	12.5	3		
Channel				37750	38000	38250				Tune-up limit (dBm)
Frequency (MHz)				2570	2595	2620				
5	QPSK	1	0	14.27	14.20	14.06	15.5	0		
5	QPSK	1	12	14.49	14.62	14.61				
5	QPSK	1	24	14.17	14.31	14.33				
5	QPSK	12	0	13.87	13.98	13.89				
5	QPSK	12	7	13.79	13.84	13.83	14.5	1		
5	QPSK	12	13	13.85	13.95	13.80				
5	QPSK	25	0	13.85	13.85	13.76				
5	16QAM	1	0	13.72	13.79	13.65				
5	16QAM	1	12	13.81	13.74	13.80	14.5	1		
5	16QAM	1	24	13.69	13.73	13.82				
5	16QAM	12	0	13.04	12.80	12.90				
5	16QAM	12	7	12.97	12.91	12.89				
5	16QAM	12	13	13.05	12.96	12.98	13.5	2		
5	16QAM	25	0	12.93	12.93	12.99				
5	64QAM	1	0	12.51	12.32	12.45				
5	64QAM	1	12	12.74	12.68	12.66				
5	64QAM	1	24	12.47	12.40	12.46	13.5	2		
5	64QAM	12	0	11.95	11.94	11.79				
5	64QAM	12	7	12.06	11.89	11.97				
5	64QAM	12	13	12.03	11.94	11.96				
5	64QAM	25	0	11.98	11.93	11.93	12.5	3		
Channel				37725	38000	38275				Tune-up limit (dBm)
Frequency (MHz)				2567.5	2595	2622.5				

Bluetooth			Ant 5					
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	10.60	11.50	7.90	9.50	7.90	9.50
	CH 39	2441	11.00	11.50	8.10	9.50	8.10	9.50
	CH 78	2480	10.20	11.50	7.80	9.50	7.80	9.50

BLE			Ant 5			
Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	125Kbps	500Kbps
LE	CH 00	2402	2.30	2.80	2.40	2.30
	CH 19	2440	3.40	3.30	3.50	3.40
	CH 39	2480	2.20	2.70	2.30	2.20
Tune-up Limit			4	4	4	4

2.4GHz WLAN

2.4GHz WLAN			Full		Receive on Standalone		Receive on Simultaneous		Hotspot on		Receive off Standalone		Receive off Simultaneous		Duty Cycle %	
			Ant. 5		Ant. 5		Ant. 5		Ant. 5		Ant. 5		Ant. 5			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.40	16.50	15.40	16.50	14.87	16.00	14.06	15.00	15.40	16.50	12.87	14.00	100.00
		6	2437	15.50	16.50	15.50	16.50	14.96	16.00	13.97	15.00	15.50	16.50	12.95	14.00	
		11	2462	15.50	16.50	15.50	16.50	15.08	16.00	14.11	15.00	15.50	16.50	13.05	14.00	
		1	2412	14.80	16.50	14.80	16.50	16.00	16.00	15.00	14.80	14.80	16.50	14.00	14.00	
	802.11g 6Mbps	6	2437	15.20	16.50	15.20	16.50	16.00	16.00	15.00	15.20	15.20	16.50	14.00	14.00	100.00
		11	2462	14.70	16.50	14.70	16.50	16.00	16.00	15.00	14.70	14.70	16.50	14.00	14.00	
		1	2412	14.80	16.50	14.80	16.50	16.00	16.00	15.00	14.80	14.80	16.50	14.00	14.00	
		6	2437	15.20	16.50	15.20	16.50	16.00	16.00	15.00	15.20	15.20	16.50	14.00	14.00	
	802.11n-HT20 MCS0	1	2412	14.80	16.50	14.80	16.50	Not Required	16.00	Not Required	15.00	14.80	14.80	16.50	Not Required	100.00
		6	2437	15.20	16.50	15.20	16.50	Not Required	16.00	Not Required	15.00	15.20	15.20	16.50	Not Required	
		11	2462	14.90	16.50	14.90	16.50	Not Required	16.00	Not Required	15.00	14.90	14.90	16.50	Not Required	
		3	2422	15.30	16.50	15.30	16.50	Not Required	16.00	Not Required	15.00	15.30	15.30	16.50	Not Required	
	802.11n-HT40 MCS0	6	2437	14.80	16.50	14.80	16.50	16.00	16.00	15.00	14.80	14.80	16.50	14.00	14.00	100.00
		9	2452	14.50	16.00	14.50	16.00	16.00	16.00	15.00	14.50	14.50	16.00	14.00	14.00	

5.2GHz WLAN

5.2GHz WLAN			Full		Receive on Standalone		Receive on Simultaneous		Hotspot on		Receive off Standalone		Receive off Simultaneous		Duty Cycle %	
			Ant. 5		Ant. 5		Ant. 5		Ant. 5		Ant. 5		Ant. 5			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
5.2GHz WLAN	802.11a 6Mbps	36	5180	10.06	12.00	10.06	12.00	10.06	12.00		10.50	10.06	12.00	7.50	100.00	
		40	5200	10.22	12.00	10.22	12.00	10.22	12.00		10.50	10.22	12.00	7.50		
		44	5220	10.41	12.00	10.41	12.00	10.41	12.00		10.50	10.41	12.00	7.50		
		48	5240	10.69	12.00	10.69	12.00	10.69	12.00		10.50	10.69	12.00	7.50		
	802.11n-HT20 MCS0	36	5180	10.30	12.00	10.30	12.00	10.30	12.00		10.50	10.30	12.00	7.50	100.00	
		40	5200	10.53	12.00	10.53	12.00	10.53	12.00		10.50	10.53	12.00	7.50		
		44	5220	10.61	12.00	10.61	12.00	10.61	12.00		10.50	10.61	12.00	7.50		
		48	5240	10.57	12.00	10.57	12.00	10.57	12.00	Not Required	10.50	10.57	12.00	Not Required		7.50
	802.11n-HT40 MCS0	36	5190	10.11	12.00	10.11	12.00	10.11	12.00	Required	10.50	10.11	12.00	Required	7.50	100.00
		46	5230	10.67	12.00	10.67	12.00	10.67	12.00		10.50	10.67	12.00	7.50		
		36	5180	10.30	12.00	10.30	12.00	10.30	12.00		10.50	10.30	12.00	7.50		
		40	5200	10.20	12.00	10.20	12.00	10.20	12.00		10.50	10.20	12.00	7.50		
	802.11ac-VHT20 MCS0	44	5220	Not Required	12.00	Not Required	12.00	Not Required	12.00	Not Required	10.50	Not Required	12.00	7.50	100.00	
		48	5240	Required	12.00	Required	12.00	Required	12.00	10.50	Required	12.00	7.50			
		38	5190	12.00	12.00	12.00	12.00	12.00	12.00		10.50	12.00	12.00	7.50		
		46	5230	12.00	12.00	12.00	12.00	12.00	12.00		10.50	12.00	12.00	7.50		
	802.11ac-VHT40 MCS0	42	5210	10.68	12.00	10.68	12.00	10.68	12.00	9.09	10.50	10.68	12.00	6.08	7.50	100.00

5.3GHz WLAN

5.3GHz WLAN			Full		Receive on Standalone		Receive on Simultaneous		Receive off Standalone		Receive off Simultaneous		Duty Cycle	
			Ant. 5		Ant. 5		Ant. 5		Ant. 5		Ant. 5			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
5.3GHz WLAN	802.11a 6Mbps	52	5280	10.48	12.00	10.48	12.00	10.48	12.00	10.48	12.00	7.50	100.00	
		56	5280	10.34	12.00	10.34	12.00	10.34	12.00	10.34	12.00	7.50		
		60	5300	10.36	12.00	10.36	12.00	10.36	12.00	10.36	12.00	7.50		
		64	5320	10.43	12.00	10.43	12.00	10.43	12.00	10.43	12.00	7.50		
	802.11n-HT20 MCS0	52	5280	10.51	12.00	10.51	12.00	10.51	12.00	10.51	12.00	7.50	100.00	
		56	5280	10.31	12.00	10.31	12.00	10.31	12.00	10.31	12.00	7.50		
		60	5300	10.53	12.00	10.53	12.00	10.53	12.00	10.53	12.00	7.50		
		64	5320	10.24	12.00	10.24	12.00	10.24	12.00	10.24	12.00	7.50		
	802.11n-HT40 MCS0	54	5270	10.52	12.00	10.52	12.00	10.52	12.00	10.52	12.00	Not Required	7.50	100.00
		62	5310	10.16	12.00	10.16	12.00	10.16	12.00	10.16	12.00	7.50		
		52	5280	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	7.50		
		56	5280	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	7.50		
	802.11ac-VHT20 MCS0	60	5300	Not Required	12.00	Not Required	12.00	Not Required	12.00	Not Required	12.00	12.00	7.50	100.00
		64	5320	Not Required	12.00	Not Required	12.00	Not Required	12.00	Not Required	12.00	12.00	7.50	
		54	5270	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	7.50		
		62	5310	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	7.50		
	802.11ac-VHT40 MCS0	54	5270	10.56	12.00	10.56	12.00	10.56	12.00	10.56	12.00	6.16	7.50	100.00
802.11ac-VHT80 MCS0	58	5290	10.56	12.00	10.56	12.00	10.56	12.00	10.56	12.00	6.16	7.50	100.00	

5.5GHz WLAN

5.5GHz WLAN			Full		Receive on Standalone		Receive on Simultaneous		Receive off Standalone		Receive off Simultaneous		Duty Cycle %			
			Ant. 5		Ant. 5		Ant. 5		Ant. 5		Ant. 5					
Mode	Channel	Frequency (MHz)	Average power (dBm)		Tune-Up Limit		Average power (dBm)		Tune-Up Limit		Average power (dBm)		Tune-Up Limit			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit				
5.5GHz WLAN	802.11a 6Mbps	100	5500	8.71	10.50	8.71	10.50	8.71	10.50	8.71	10.50	8.50	8.50	100.00		
		116	5580	9.16	10.50	9.16	10.50	9.16	10.50	9.16	10.50	8.50	8.50			
		124	5620	9.10	10.50	9.10	10.50	9.10	10.50	9.10	10.50	8.50	8.50			
		132	5660	9.05	10.50	9.05	10.50	9.05	10.50	9.05	10.50	8.50	8.50			
	802.11n-HT20 MCS0	140	5700	8.58	10.50	8.58	10.50	8.58	10.50	8.58	10.50	8.50	8.50	100.00		
		144	5720	9.02	10.50	9.02	10.50	9.02	10.50	9.02	10.50	8.50	8.50			
		100	5500	8.83	10.50	8.83	10.50	8.83	10.50	8.83	10.50	8.50	8.50			
		116	5580	9.13	10.50	9.13	10.50	9.13	10.50	9.13	10.50	8.50	8.50			
	802.11n-HT40 MCS0	124	5620	9.09	10.50	9.09	10.50	9.09	10.50	9.09	10.50	8.50	8.50	100.00		
		132	5660	9.01	10.50	9.01	10.50	9.01	10.50	9.01	10.50	8.50	8.50			
		140	5700	8.58	10.50	8.58	10.50	8.58	10.50	8.58	10.50	8.50	8.50			
		144	5720	9.10	10.50	9.10	10.50	9.10	10.50	9.10	10.50	8.50	8.50			
	802.11ac-VHT20 MCS0	102	5510	8.91	10.50	8.91	10.50	8.91	10.50	8.91	10.50	8.50	8.50	100.00		
		110	5550	9.15	10.50	9.15	10.50	9.15	10.50	9.15	10.50	8.50	8.50			
		126	5630	9.10	10.50	9.10	10.50	9.10	10.50	9.10	10.50	8.50	8.50			
5.5GHz WLAN	802.11n-HT40 MCS0	134	5670	8.87	10.50	8.87	10.50	8.87	10.50	8.87	10.50	8.50	8.50	Not Required		
		142	5710	9.09	10.50	9.09	10.50	9.09	10.50	9.09	10.50	8.50	8.50			
		100	5500	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	8.50	8.50			
		116	5580	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	8.50	8.50			
	802.11ac-VHT20 MCS0	124	5620	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	8.50	8.50	100.00		
		132	5660	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	8.50	8.50			
		140	5700	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	8.50	8.50			
		144	5720	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	8.50	8.50			
	802.11ac-VHT40 MCS0	102	5510	Not Required	10.50	Not Required	10.50	Not Required	10.50	Not Required	10.50	10.50	8.50	8.50	100.00	
		110	5550	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	8.50	8.50			
		126	5630	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	8.50	8.50			
		134	5670	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	8.50	8.50			
	802.11ac-VHT80 MCS0	142	5710	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	8.50	8.50	100.00		
		100	5530	9.03	10.50	9.03	10.50	9.03	10.50	9.03	10.50	5.00	5.00		8.50	8.50
		116	5580	9.17	10.50	9.17	10.50	9.17	10.50	9.17	10.50	9.20	9.20		8.50	8.50
138		5690	9.06	10.50	9.06	10.50	9.06	10.50	9.06	10.50	5.11	5.11	8.50		8.50	