

Full&Default Power Mode

GSM850_Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.89	32.62	32.83	34.00	23.89	23.62	23.83	25.00
GPRS 1 Tx slot		32.87	32.60	32.81	34.00	23.87	23.60	23.81	25.00
GPRS 2 Tx slots		32.04	31.82	32.01	33.00	26.04	25.82	26.01	27.00
GPRS 3 Tx slots		30.43	30.18	30.40	31.00	26.17	25.92	26.14	26.74
GPRS 4 Tx slots		29.54	29.24	29.47	30.00	26.54	26.24	26.47	27.00
EDGE(GMSK 1 Tx slot)		32.84	32.56	32.83	34.00	23.84	23.56	23.83	25.00
EDGE(GMSK 2 Tx slot)		32.02	31.83	31.97	33.00	26.02	25.83	25.97	27.00
EDGE(GMSK 3 Tx slot)		30.40	30.13	30.37	31.00	26.14	25.87	26.11	26.74
EDGE(GMSK 4 Tx slot)		29.55	29.22	29.41	30.00	26.55	26.22	26.41	27.00
EDGE(8PSK 1 Tx slot)		26.51	26.52	26.52	27.50	17.51	17.52	17.52	18.50
EDGE(8PSK 2 Tx slot)		25.31	25.39	25.29	26.50	19.31	19.39	19.29	20.50
EDGE(8PSK 3 Tx slot)		23.19	23.30	23.21	24.50	18.93	19.04	18.95	20.24
EDGE(8PSK 4 Tx slot)		22.09	22.20	22.13	23.50	19.09	19.20	19.13	20.50

GSM1900_Ant 3		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	561	610		512	561	610	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		30.21	30.25	30.33	31.00	21.21	21.25	21.33	22.00
GPRS 1 Tx slot		30.19	30.22	30.29	31.00	21.19	21.22	21.29	22.00
GPRS 2 Tx slots		29.33	29.29	29.41	30.00	23.33	23.29	23.41	24.00
GPRS 3 Tx slots		27.31	27.27	27.42	28.00	23.05	23.01	23.16	23.74
GPRS 4 Tx slots		26.12	26.11	26.22	27.00	23.12	23.11	23.22	24.00
EDGE(GMSK 1 Tx slot)		30.22	30.23	30.31	31.00	21.22	21.23	21.31	22.00
EDGE(GMSK 2 Tx slot)		29.31	29.34	29.44	30.00	23.31	23.34	23.44	24.00
EDGE(GMSK 3 Tx slot)		27.30	27.32	27.43	28.00	23.04	23.06	23.17	23.74
EDGE(GMSK 4 Tx slot)		26.12	26.13	26.25	27.00	23.12	23.13	23.25	24.00
EDGE(8PSK 1 Tx slot)		25.34	25.30	25.32	26.50	18.34	18.30	18.32	17.50
EDGE(8PSK 2 Tx slot)		24.27	24.15	24.24	25.50	18.27	18.15	18.24	19.50
EDGE(8PSK 3 Tx slot)		22.05	22.00	22.02	23.50	17.79	17.74	17.78	19.24
EDGE(8PSK 4 Tx slot)		20.90	20.78	20.86	22.50	17.90	17.78	17.86	19.50

Band		WCDMA II_Ant 3			Tune-up Limit (dBm)	WCDMA II_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99 AMR 12.2Kbps		24.55	24.26	24.05	25.00	24.73	24.47	24.25	25.00
3GPP Rel 99 RMC 12.2Kbps		24.58	24.28	24.08	25.00	24.81	24.50	24.28	25.00
3GPP Rel 6 HSDPA Subtest-1		23.66	23.32	23.06	24.00	23.96	23.60	23.42	24.00
3GPP Rel 6 HSDPA Subtest-2		23.64	23.27	23.11	24.00	23.95	23.59	23.42	24.00
3GPP Rel 6 HSDPA Subtest-3		23.20	22.84	22.70	23.50	23.43	23.13	22.96	23.50
3GPP Rel 6 HSDPA Subtest-4		23.15	22.81	22.64	23.50	23.42	23.10	22.93	23.50
3GPP Rel 6 DC-HSDPA Subtest-1		23.58	23.21	23.06	24.00	23.89	23.45	23.38	24.00
3GPP Rel 6 DC-HSDPA Subtest-2		23.63	23.13	23.10	24.00	23.89	23.57	23.28	24.00
3GPP Rel 6 DC-HSDPA Subtest-3		23.12	22.72	22.65	23.50	23.40	23.08	22.86	23.50
3GPP Rel 6 DC-HSDPA Subtest-4		23.10	22.76	22.57	23.50	23.45	23.04	22.83	23.50
3GPP Rel 6 HSUPA Subtest-1		21.62	21.38	21.17	22.00	21.94	21.61	21.41	22.00
3GPP Rel 6 HSUPA Subtest-2		21.68	21.41	21.13	22.00	21.90	21.61	21.44	22.00
3GPP Rel 6 HSUPA Subtest-3		22.67	22.39	22.17	23.00	22.92	22.65	22.42	23.00
3GPP Rel 6 HSUPA Subtest-4		21.19	20.92	20.65	21.50	21.43	21.07	20.94	21.50
3GPP Rel 6 HSUPA Subtest-5		22.70	22.40	22.10	23.00	22.90	22.60	22.40	23.00
3GPP Rel 7 HSPA+ (16QAM) Subtest-1		21.11	21.13	21.09	22.50	21.43	21.35	21.26	22.50

Band		WCDMA V_Ant 3			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps		24.01	24.06	23.94	25.00	23.65	23.70	23.58	24.50
3GPP Rel 99 RMC 12.2Kbps		24.02	24.08	23.96	25.00	23.66	23.72	23.61	24.50
3GPP Rel 6 HSDPA Subtest-1		23.05	23.07	22.94	24.00	22.79	22.86	22.71	23.50
3GPP Rel 6 HSDPA Subtest-2		23.03	23.07	22.96	24.00	22.81	22.88	22.71	23.50
3GPP Rel 6 HSDPA Subtest-3		22.56	22.57	22.52	23.50	22.31	22.43	22.26	23.00
3GPP Rel 6 HSDPA Subtest-4		22.53	22.59	22.47	23.50	22.29	22.37	22.24	23.00
3GPP Rel 6 DC-HSDPA Subtest-1		23.03	23.05	22.82	24.00	22.75	22.81	22.59	23.50
3GPP Rel 6 DC-HSDPA Subtest-2		23.02	23.02	22.88	24.00	22.77	22.73	22.63	23.50
3GPP Rel 6 DC-HSDPA Subtest-3		22.52	22.53	22.39	23.50	22.25	22.38	22.23	23.00
3GPP Rel 6 DC-HSDPA Subtest-4		22.55	22.58	22.37	23.50	22.15	22.25	22.22	23.00
3GPP Rel 6 HSUPA Subtest-1		21.05	21.07	20.96	22.00	20.76	20.84	20.70	21.50
3GPP Rel 6 HSUPA Subtest-2		20.98	21.07	20.95	22.00	20.80	20.85	20.72	21.50
3GPP Rel 6 HSUPA Subtest-3		22.02	22.10	21.98	23.00	21.78	21.84	21.72	22.50
3GPP Rel 6 HSUPA Subtest-4		20.54	20.63	20.49	21.50	20.30	20.38	20.24	21.00
3GPP Rel 6 HSUPA Subtest-5		22.00	22.10	22.00	23.00	21.80	21.90	21.70	22.50
3GPP Rel 7 HSPA+ (16QAM) Subtest-1		20.82	20.89	20.88	22.50	20.47	20.62	20.58	22.00

GSM850_Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.68	32.34	32.62	33.50	23.68	23.34	23.62	24.50
GPRS 1 Tx slot		32.66	32.30	32.61	33.50	23.66	23.30	23.61	24.50
GPRS 2 Tx slots		31.76	31.44	31.71	32.50	25.76	25.44	25.71	26.50
GPRS 3 Tx slots		30.03	29.71	30.02	30.50	25.77	25.45	25.76	26.24
GPRS 4 Tx slots		29.08	28.80	29.09	29.50	26.08	25.80	26.09	26.50
EDGE(GMSK 1 Tx slot)		32.64	32.31	32.54	33.50	23.64	23.31	23.54	24.50
EDGE(GMSK 2 Tx slot)		31.74	31.45	31.69	32.50	25.74	25.45	25.69	26.50
EDGE(GMSK 3 Tx slot)		30.03	29.67	29.97	30.50	25.77	25.41	25.71	26.24
EDGE(GMSK 4 Tx slot)		29.09	28.74	29.03	29.50	26.09	25.74	26.03	26.50
EDGE(8PSK 1 Tx slot)		25.75	25.78	25.70	27.00	16.75	16.78	16.70	18.00
EDGE(8PSK 2 Tx slot)		24.71	24.72	24.61	26.00	18.71	18.72	18.61	20.00
EDGE(8PSK 3 Tx slot)		22.64	22.59	22.49	24.00	18.38	18.33	18.23	19.74
EDGE(8PSK 4 Tx slot)		21.40	21.58	21.38	23.00	18.40	18.58	18.38	20.00

GSM1900_Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
GSM 1 Tx slot		29.83	30.10	30.24	30.50	20.83	21.10	21.24	21.50
GPRS 1 Tx slot		29.79	30.05	30.21	30.50	20.79	21.05	21.21	21.50
GPRS 2 Tx slots		28.80	29.05	29.31	29.50	22.80	23.05	23.31	23.50
GPRS 3 Tx slots		26.73	26.98	27.28	27.50	22.47	22.72	23.02	23.24
GPRS 4 Tx slots		25.55	25.79	26.10	26.50	22.55	22.79	23.10	23.50
EDGE(GMSK 1 Tx slot)		29.78	30.04	30.20	30.50	20.78	21.04	21.20	21.50
EDGE(GMSK 2 Tx slot)		28.80	29.04	29.28	29.50	22.80	23.04	23.28	23.50
EDGE(GMSK 3 Tx slot)		26.71	26.92	27.24	27.50	22.45	22.66	22.98	23.24
EDGE(GMSK 4 Tx slot)		25.55	25.72	26.04	26.50	22.55	22.72	23.04	23.50
EDGE(BPSK 1 Tx slot)		25.00	25.07	25.20	26.50	16.07	16.07	16.20	17.00
EDGE(BPSK 2 Tx slot)		24.07	24.07	24.15	25.00	15.07	15.07	15.15	16.00
EDGE(BPSK 3 Tx slot)		21.74	21.76	22.04	23.00	17.48	17.50	17.78	18.74
EDGE(BPSK 4 Tx slot)		20.49	20.48	20.72	22.00	17.49	17.48	17.72	18.00

Band 2_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	23.44	23.50	23.29	24.2	0		
20	QPSK	1	49	22.77	23.34	23.22				
20	QPSK	1	99	23.02	23.08	23.13				
20	QPSK	50	0	22.39	22.48	22.25	23.2	1		
20	QPSK	50	24	22.00	22.22	22.11				
20	QPSK	50	50	21.93	21.98	22.01				
20	QPSK	100	0	21.81	21.82	21.81	23.2	1		
20	16QAM	1	0	22.76	22.42	22.57				
20	16QAM	1	49	22.07	22.56	22.44				
20	16QAM	1	99	22.34	22.40	22.42	22.2	2		
20	16QAM	50	0	21.31	21.39	21.08				
20	16QAM	50	24	21.00	21.23	21.11				
20	16QAM	50	50	20.93	20.95	21.04	22.2	2		
20	16QAM	100	0	21.12	21.13	21.01				
20	64QAM	1	0	21.61	21.22	21.51				
20	64QAM	1	49	20.95	21.57	21.30	21.2	3		
20	64QAM	1	99	21.20	21.20	21.34				
20	64QAM	50	0	20.32	20.37	20.05				
20	64QAM	50	24	20.02	20.22	20.12	21.2	3		
20	64QAM	50	50	19.94	19.96	20.01				
20	64QAM	100	0	20.15	20.15	20.00				
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	1880	1902.5				
15	QPSK	1	0	23.33	23.43	23.23	24.2	0		
15	QPSK	1	37	22.69	23.30	23.20				
15	QPSK	1	74	22.97	23.01	23.10				
15	QPSK	36	0	22.28	22.39	22.19	23.2	1		
15	QPSK	36	20	21.87	22.12	22.06				
15	QPSK	36	39	21.89	21.89	22.00				
15	QPSK	75	0	22.04	22.05	21.89	23.2	1		
15	16QAM	1	0	22.72	22.32	22.54				
15	16QAM	1	37	21.84	22.32	22.42				
15	16QAM	1	74	22.32	22.31	22.29	22.2	2		
15	16QAM	36	0	21.26	21.26	20.95				
15	16QAM	36	20	20.97	21.09	21.10				
15	16QAM	36	39	20.84	20.85	20.91	22.2	2		
15	16QAM	75	0	20.98	21.04	20.98				
15	64QAM	1	0	21.60	21.15	21.47				
15	64QAM	1	37	20.89	21.47	21.21	22.2	2		
15	64QAM	1	74	21.14	21.19	21.25				
15	64QAM	36	0	20.23	20.36	20.02				
15	64QAM	36	20	19.92	20.08	19.97	21.2	3		
15	64QAM	36	39	19.81	19.84	19.97				
15	64QAM	75	0	20.00	20.12	19.96				
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	0	23.38	23.42	23.27	24.2	0		
10	QPSK	1	25	22.63	23.33	23.20				
10	QPSK	1	49	22.88	23.00	23.05				
10	QPSK	25	0	22.32	22.46	22.22	23.2	1		
10	QPSK	25	12	21.87	22.18	22.09				
10	QPSK	25	25	21.78	21.88	21.96				
10	QPSK	50	0	22.00	22.08	22.00	23.2	1		
10	16QAM	1	0	22.61	22.32	22.47				
10	16QAM	1	25	22.00	22.50	22.41				
10	16QAM	1	49	22.22	22.31	22.33	22.2	2		
10	16QAM	25	0	21.30	21.29	21.04				
10	16QAM	25	12	20.99	21.14	21.07				
10	16QAM	25	25	20.80	20.86	21.03	22.2	2		
10	16QAM	50	0	20.97	21.06	20.90				
10	64QAM	1	0	21.59	21.21	21.36				
10	64QAM	1	25	20.81	21.49	21.15	21.2	3		
10	64QAM	1	49	21.14	21.19	21.29				
10	64QAM	25	0	20.17	20.22	19.97				
10	64QAM	25	12	19.95	20.14	19.97	21.2	3		
10	64QAM	25	25	19.83	19.94	19.88				
10	64QAM	50	0	20.13	20.12	19.98				
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	0	23.39	23.43	23.18	24.2	0		
5	QPSK	1	12	22.71	23.30	23.07				
5	QPSK	1	24	23.01	23.00	23.03				
5	QPSK	12	0	22.31	22.33	22.17	23.2	1		
5	QPSK	12	7	21.86	22.18	21.98				
5	QPSK	12	13	21.91	21.93	21.90				
5	QPSK	25	0	22.04	22.03	21.96	23.2	1		
5	16QAM	1	0	22.71	22.29	22.51				
5	16QAM	1	12	21.96	22.34	22.33				
5	16QAM	1	24	22.25	22.33	22.29	22.2	2		
5	16QAM	12	0	21.18	21.32	20.96				
5	16QAM	12	7	20.97	21.21	21.00				
5	16QAM	12	13	20.81	20.84	20.95	22.2	2		
5	16QAM	25	0	21.06	21.11	20.89				
5	64QAM	1	0	21.48	21.10	21.46				
5	64QAM	1	12	20.86	21.55	21.16	22.2	2		
5	64QAM	1	24	21.09	21.07	21.29				
5	64QAM	12	0	20.26	20.31	20.04				
5	64QAM	12	7	19.96	20.08	20.05	21.2	3		
5	64QAM	12	13	19.88	19.86	19.91				
5	64QAM	25	0	20.01	20.07	19.85				
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1851.5	1880	1908.5				
3	QPSK	1	0	23.40	23.39	23.18	24.2	0		
3	QPSK	1	8	22.69	23.27	23.20				
3	QPSK	1	14	22.95	23.04	23.03				
3	QPSK	8	0	22.25	22.39	22.24	23.2	1		
3	QPSK	8	4	21.98	22.13	21.99				
3	QPSK	8	7	21.83	21.86	21.98				
3	QPSK	15	0	22.00	22.01	21.88	23.2	1		
3	16QAM	1	0	22.73	22.34	22.48				
3	16QAM	1	8	22.02	22.55	22.41				
3	16QAM	1	14	22.20	22.35	22.31	22.2	2		
3	16QAM	8	0	21.20	21.34	20.98				
3	16QAM	8	4	20.94	21.12	21.01				
3	16QAM	8	7	20.85	20.88	20.94	22.2	2		
3	16QAM	15	0	21.06	21.00	20.95				
3	64QAM	1	0	21.49	21.19	21.38				
3	64QAM	1	8	20.83	21.50	21.26	21.2	3		
3	64QAM	1	14	21.15	21.06	21.25				
3	64QAM	8	0	20.26	20.28	20.00				
3	64QAM	8	4	19.93	20.18	20.07	21.2	3		
3	64QAM	8	7	19.86	19.83	19.95				
3	64QAM	15	0	20.11	20.03	19.92				
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	1880	1909.3				
1.4	QPSK	1	0	23.35	23.43	23.18	24.2	0		
1.4	QPSK	1	3	22.67	23.25	23.21				
1.4	QPSK	1	5	22.94	22.86	23.08				
1.4	QPSK	3	0	22.36	23.49	23.19	23.2	1		
1.4	QPSK	3	1	22.74	23.30	23.16				
1.4	QPSK	3	3	22.98	22.96	23.03				
1.4	QPSK	6	0	22.29	22.43	22.20	23.2	1		
1.4	16QAM	1	0	21.90	22.15	22.07				
1.4	16QAM	1	3	21.80	21.89	21.94				
1.4	16QAM	1	5	22.08	22.04	21.95	23.2	1		
1.4	16QAM	3	0	22.73	22.37	22.46				
1.4	16QAM	3	1	22.81	22.30	22.30				
1.4	16QAM	3	3	22.22	22.32	22.36	22.2	2		
1.4	16QAM	6	0	21.17	21.26	21.02				
1.4	64QAM	1	0	20.87	21.20	21.05				
1.4	64QAM	1	3	20.80	20.92	20.96	22.2	2		
1.4	64QAM	1	5	20.97	21.04	20.90				
1.4	64QAM	3	0	21.58	21.19	21.42				
1.4	64QAM	3	1	20.87	21.53	21.23	21.2	3		
1.4	64QAM	3	3	21.19	21.18	21.30				
1.4	64QAM	6	0	20.79	20.32	19.91				

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	23.40	23.49	23.47	24.8	0		
20	QPSK	1	49	23.16	23.24	23.26				
20	QPSK	1	99	23.18	23.20	23.37				
20	QPSK	50	0	22.36	22.49	22.45	23.8	1		
20	QPSK	50	24	22.25	22.26	22.38				
20	QPSK	50	50	22.18	22.27	22.38				
20	QPSK	100	0	22.17	22.45	22.34	23.8	1		
20	16QAM	1	0	22.33	22.58	22.62				
20	16QAM	1	49	22.56	22.55	22.63				
20	16QAM	1	99	22.51	22.53	22.69	22.8	2		
20	16QAM	50	0	21.17	21.30	21.28				
20	16QAM	50	24	21.18	21.27	21.34				
20	16QAM	50	50	21.19	21.27	21.37	21.8	3		
20	16QAM	100	0	21.15	21.26	21.27				
20	64QAM	1	0	21.20	21.52	21.51				
20	64QAM	1	49	21.43	21.38	21.37	22.8	2		
20	64QAM	1	99	21.27	21.39	21.62				
20	64QAM	50	0	20.16	20.26	20.26				
20	64QAM	50	24	20.19	20.24	20.34	21.8	3		
20	64QAM	50	50	20.16	20.25	20.34				
20	64QAM	100	0	20.13	20.27	20.27				
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1732.5	1747.5				
15	QPSK	1	0	23.30	23.38	23.40	24.8	0		
15	QPSK	1	37	23.10	23.18	23.11				
15	QPSK	1	74	23.15	23.12	23.29				
15	QPSK	36	0	22.26	22.36	22.34	23.8	1		
15	QPSK	36	20	22.22	22.23	22.26				
15	QPSK	36	39	22.05	22.26	22.33				
15	QPSK	75	0	22.08	22.33	22.32	23.8	1		
15	16QAM	1	0	22.25	22.44	22.57				
15	16QAM	1	37	22.48	22.50	22.57				
15	16QAM	1	74	22.43	22.48	22.66	22.8	2		
15	16QAM	36	0	21.11	21.17	21.20				
15	16QAM	36	20	21.15	21.23	21.27				
15	16QAM	36	39	21.18	21.24	21.27	22.8	2		
15	16QAM	75	0	21.10	21.25	21.23				
15	64QAM	1	0	21.16	21.38	21.38				
15	64QAM	1	37	21.37	21.37	21.25	22.8	2		
15	64QAM	1	74	21.17	21.32	21.56				
15	64QAM	36	0	20.07	20.20	20.12				
15	64QAM	36	20	20.16	20.12	20.29	21.8	3		
15	64QAM	36	39	20.08	20.16	20.20				
15	64QAM	75	0	20.04	20.14	20.23				
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1732.5	1750				
10	QPSK	1	0	23.30	23.44	23.44	24.8	0		
10	QPSK	1	25	23.06	23.09	23.12				
10	QPSK	1	49	23.04	23.05	23.22				
10	QPSK	25	0	22.35	22.35	22.33	23.8	1		
10	QPSK	25	12	22.12	22.24	22.25				
10	QPSK	25	25	22.11	22.14	22.27				
10	QPSK	50	0	22.08	22.43	22.23	23.8	1		
10	16QAM	1	0	22.30	22.54	22.52				
10	16QAM	1	25	22.43	22.46	22.51				
10	16QAM	1	49	22.50	22.43	22.55	22.8	2		
10	16QAM	25	0	21.05	21.23	21.27				
10	16QAM	25	12	21.05	21.14	21.23				
10	16QAM	25	25	21.17	21.24	21.30	22.8	2		
10	16QAM	50	0	21.05	21.14	21.26				
10	64QAM	1	0	21.19	21.46	21.39				
10	64QAM	1	25	21.35	21.23	21.34	22.8	2		
10	64QAM	1	49	21.16	21.31	21.54				
10	64QAM	25	0	20.11	20.24	20.25				
10	64QAM	25	12	20.16	20.22	20.22	21.8	3		
10	64QAM	25	25	20.15	20.24	20.31				
10	64QAM	50	0	19.98	20.25	20.21				
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1732.5	1752.5				
5	QPSK	1	0	23.28	23.46	23.36	24.8	0		
5	QPSK	1	12	23.08	23.10	23.22				
5	QPSK	1	24	23.11	23.16	23.26				
5	QPSK	12	0	22.30	22.35	22.43	23.8	1		
5	QPSK	12	7	22.14	22.20	22.32				
5	QPSK	12	13	22.11	22.19	22.37				
5	QPSK	25	0	22.13	22.39	22.26	23.8	1		
5	16QAM	1	0	22.27	22.49	22.58				
5	16QAM	1	12	22.44	22.51	22.51				
5	16QAM	1	24	22.36	22.44	22.61	23.8	1		
5	16QAM	12	0	21.10	21.18	21.15				
5	16QAM	12	7	21.13	21.22	21.32				
5	16QAM	12	13	21.07	21.23	21.27	22.8	2		
5	16QAM	25	0	21.08	21.20	21.23				
5	64QAM	1	0	21.17	21.43	21.39				
5	64QAM	1	12	21.34	21.29	21.23	22.8	2		
5	64QAM	1	24	21.17	21.30	21.55				
5	64QAM	12	0	20.08	20.12	20.22				
5	64QAM	12	7	20.09	20.19	20.28	21.8	3		
5	64QAM	12	13	20.10	20.24	20.29				
5	64QAM	25	0	20.04	20.15	20.23				
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1732.5	1753.5				
3	QPSK	1	0	23.34	23.37	23.37	24.8	0		
3	QPSK	1	8	23.12	23.20	23.14				
3	QPSK	1	14	23.10	23.17	23.28				
3	QPSK	8	0	22.30	22.46	22.38	23.8	1		
3	QPSK	8	4	22.23	22.23	22.33				
3	QPSK	8	7	22.07	22.21	22.26				
3	QPSK	15	0	22.09	22.33	22.23	23.8	1		
3	16QAM	1	0	22.19	22.52	22.58				
3	16QAM	1	8	22.45	22.54	22.58				
3	16QAM	1	14	22.50	22.38	22.59	22.8	2		
3	16QAM	8	0	21.08	21.15	21.16				
3	16QAM	8	4	21.03	21.25	21.26				
3	16QAM	8	7	21.07	21.23	21.33	22.8	2		
3	16QAM	15	0	21.05	21.23	21.24				
3	64QAM	1	0	21.10	21.50	21.50				
3	64QAM	1	8	21.34	21.23	21.27	22.8	2		
3	64QAM	1	14	21.16	21.32	21.48				
3	64QAM	8	0	20.12	20.21	20.14				
3	64QAM	8	4	20.18	20.12	20.26	21.8	3		
3	64QAM	8	7	20.03	20.22	20.29				
3	64QAM	15	0	20.09	20.21	20.17				
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1732.5	1754.3				
1.4	QPSK	1	0	23.26	23.39	23.35	24.8	0		
1.4	QPSK	1	3	23.12	23.22	23.11				
1.4	QPSK	1	6	23.11	23.12	23.26				
1.4	QPSK	3	0	23.25	23.37	23.43	23.8	1		
1.4	QPSK	3	1	23.07	23.22	23.22				
1.4	QPSK	3	3	23.03	23.15	23.35				
1.4	QPSK	6	0	22.35	22.37	22.38	23.8	1		
1.4	16QAM	1	0	22.19	22.16	22.25				
1.4	16QAM	1	3	22.16	22.22	22.26				
1.4	16QAM	1	6	22.02	22.31	22.22	23.8	1		
1.4	16QAM	3	0	22.25	22.29	22.50				
1.4	16QAM	3	1	22.53	22.49	22.57				
1.4	16QAM	3	3	22.41	22.44	22.63	22.8	2		
1.4	64QAM	1	0	21.13	21.14	21.24				
1.4	64QAM	1	3	21.18	21.23	21.33				
1.4	64QAM	1	5	21.13	21.22	21.25	22.8	2		
1.4	64QAM	3	0	21.15	21.49	21.42				
1.4	64QAM	3	1	21.30	21.31	21.35				
1.4	64QAM	3	3	21.13	21.34	21.58	21.8	3		
1.4	64QAM	6	0	20.03	20.19	20.14				

Band 5_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	25	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.80	23.82	23.81	24	1	
10	QPSK	1	25	23.66	23.76	23.72			
10	QPSK	1	49	23.79	23.70	23.71			
10	QPSK	25	0	22.80	22.84	22.76	24	1	
10	QPSK	25	12	22.69	22.77	22.73			
10	QPSK	25	25	22.70	22.79	22.70			
10	QPSK	50	0	22.73	22.80	22.73	24	1	
10	16QAM	1	0	23.06	23.00	23.07			
10	16QAM	1	25	22.88	23.04	23.01			
10	16QAM	1	49	23.09	23.01	22.95	23	2	
10	16QAM	25	0	21.69	21.80	21.75			
10	16QAM	25	12	21.68	21.79	21.70			
10	16QAM	25	25	21.77	21.76	21.67	22	3	
10	16QAM	50	0	21.72	21.77	21.72			
10	64QAM	1	0	21.91	21.96	22.00			
10	64QAM	1	25	21.79	21.92	21.84	23	2	
10	64QAM	1	49	21.93	21.97	21.80			
10	64QAM	25	0	20.70	20.80	20.75			
10	64QAM	25	12	20.67	20.78	20.73	22	3	
10	64QAM	25	25	20.79	20.80	20.69			
10	64QAM	50	0	20.74	20.77	20.75			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	25	0	
5	QPSK	1	0	23.76	23.67	23.70			
5	QPSK	1	12	23.65	23.72	23.57			
5	QPSK	1	24	23.78	23.67	23.65			
5	QPSK	12	0	22.78	22.79	22.70			
5	QPSK	12	7	22.68	22.71	22.70			
5	QPSK	12	13	22.58	22.71	22.63			
5	QPSK	25	0	22.65	22.73	22.71			
5	16QAM	1	0	22.93	22.92	23.01			
5	16QAM	1	12	22.73	23.03	22.94			
5	16QAM	1	24	23.07	22.95	22.90			
5	16QAM	12	0	21.57	21.76	21.73			
5	16QAM	12	7	21.64	21.78	21.64			
5	16QAM	12	13	21.63	21.62	21.54			
5	16QAM	25	0	21.69	21.64	21.60			
5	64QAM	1	0	21.81	21.85	21.87			
5	64QAM	1	12	21.70	21.79	21.71			
5	64QAM	1	24	21.90	21.86	21.72			
5	64QAM	12	0	20.62	20.79	20.61			
5	64QAM	12	7	20.55	20.72	20.60			
5	64QAM	12	13	20.77	20.67	20.62			
5	64QAM	25	0	20.68	20.72	20.67			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5	25	0	
3	QPSK	1	0	23.73	23.81	23.67			
3	QPSK	1	8	23.64	23.61	23.59			
3	QPSK	1	14	23.67	23.62	23.68			
3	QPSK	8	0	22.76	22.77	22.63			
3	QPSK	8	4	22.65	22.64	22.68			
3	QPSK	8	7	22.67	22.64	22.55			
3	QPSK	15	0	22.58	22.72	22.70			
3	16QAM	1	0	22.91	22.96	23.06			
3	16QAM	1	8	22.83	23.03	22.90			
3	16QAM	1	14	22.96	22.99	22.85			
3	16QAM	8	0	21.57	21.73	21.64			
3	16QAM	8	4	21.57	21.67	21.59			
3	16QAM	8	7	21.76	21.75	21.59			
3	16QAM	15	0	21.61	21.63	21.57			
3	64QAM	1	0	21.89	21.85	21.97			
3	64QAM	1	8	21.65	21.91	21.77			
3	64QAM	1	14	21.78	21.94	21.74			
3	64QAM	8	0	20.58	20.74	20.60			
3	64QAM	8	4	20.56	20.72	20.69			
3	64QAM	8	7	20.70	20.77	20.62			
3	64QAM	15	0	20.69	20.70	20.65			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3	25	0	
1.4	QPSK	1	0	23.74	23.67	23.75			
1.4	QPSK	1	3	23.59	23.71	23.61			
1.4	QPSK	1	5	23.64	23.55	23.61			
1.4	QPSK	3	0	23.71	23.81	23.75			
1.4	QPSK	3	1	23.52	23.63	23.65			
1.4	QPSK	3	3	23.64	23.60	23.67			
1.4	QPSK	6	0	22.76	22.70	22.67			
1.4	16QAM	1	0	22.64	22.73	22.72			
1.4	16QAM	1	3	22.68	22.77	22.55			
1.4	16QAM	1	5	22.65	22.77	22.67			
1.4	16QAM	3	0	22.96	22.86	22.99			
1.4	16QAM	3	1	22.73	22.97	22.97			
1.4	16QAM	3	3	23.07	22.97	22.80			
1.4	16QAM	6	0	21.62	21.68	21.66			
1.4	64QAM	1	0	21.84	21.76	21.84			
1.4	64QAM	1	3	21.70	21.72	21.54			
1.4	64QAM	1	5	21.63	21.71	21.57			
1.4	64QAM	3	0	21.78	21.90	21.90			
1.4	64QAM	3	1	21.76	21.91	21.78			
1.4	64QAM	3	3	21.83	21.85	21.65			
1.4	64QAM	6	0	20.60	20.77	20.65			
							22	3	3

Band 5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.40	23.46	23.43	24.2	0	
10	QPSK	1	25	23.20	23.40	23.39			
10	QPSK	1	49	23.20	23.38	23.40			
10	QPSK	25	0	22.31	22.48	22.41	23.2	1	
10	QPSK	25	12	22.26	22.45	22.39			
10	QPSK	25	25	22.28	22.45	22.39			
10	QPSK	50	0	22.22	22.46	22.40	23.2	1	
10	16QAM	1	0	22.46	22.56	22.74			
10	16QAM	1	25	22.41	22.66	22.67			
10	16QAM	1	49	22.66	22.84	22.68	22.2	2	
10	16QAM	25	0	21.25	21.42	21.40			
10	16QAM	25	12	21.25	21.44	21.38			
10	16QAM	25	25	21.32	21.47	21.38	21.2	3	
10	16QAM	50	0	21.21	21.44	21.40			
10	64QAM	1	0	21.28	21.47	21.64			
10	64QAM	1	25	21.37	21.55	21.57	22.2	2	
10	64QAM	1	49	21.47	21.63	21.59			
10	64QAM	25	0	20.28	20.43	20.39			
10	64QAM	25	12	20.25	20.43	20.39	21.2	3	
10	64QAM	25	25	20.28	20.46	20.40			
10	64QAM	50	0	20.21	20.42	20.40			
Channel				20425	20525	20625	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.29	23.37	23.37	24.2	0	
5	QPSK	1	12	23.08	23.26	23.28			
5	QPSK	1	24	23.06	23.26	23.32			
5	QPSK	12	0	22.18	22.41	22.26	23.2	1	
5	QPSK	12	7	22.19	22.37	22.32			
5	QPSK	12	13	22.20	22.34	22.29			
5	QPSK	25	0	22.07	22.35	22.28	23.2	1	
5	16QAM	1	0	22.34	22.48	22.59			
5	16QAM	1	12	22.34	22.56	22.61			
5	16QAM	1	24	22.61	22.77	22.55	22.2	2	
5	16QAM	12	0	21.13	21.29	21.30			
5	16QAM	12	7	21.20	21.38	21.33			
5	16QAM	12	13	21.25	21.35	21.32	22.2	2	
5	16QAM	25	0	21.13	21.33	21.33			
5	64QAM	1	0	21.20	21.35	21.54			
5	64QAM	1	12	21.28	21.44	21.42	21.2	3	
5	64QAM	1	24	21.41	21.54	21.44			
5	64QAM	12	0	20.23	20.35	20.31			
5	64QAM	12	7	20.20	20.31	20.25	24.2	0	
5	64QAM	12	13	20.22	20.38	20.26			
5	64QAM	25	0	20.16	20.30	20.35			
Channel				20415	20525	20635	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	23.30	23.34	23.35	24.2	0	
3	QPSK	1	8	23.11	23.34	23.26			
3	QPSK	1	14	23.11	23.34	23.28			
3	QPSK	8	0	22.18	22.37	22.28	23.2	1	
3	QPSK	8	4	22.17	22.32	22.27			
3	QPSK	8	7	22.18	22.32	22.34			
3	QPSK	15	0	22.14	22.40	22.25	23.2	1	
3	16QAM	1	0	22.38	22.50	22.65			
3	16QAM	1	8	22.30	22.58	22.60			
3	16QAM	1	14	22.56	22.69	22.59	22.2	2	
3	16QAM	8	0	21.15	21.36	21.30			
3	16QAM	8	4	21.15	21.36	21.33			
3	16QAM	8	7	21.24	21.39	21.23	21.2	3	
3	16QAM	15	0	21.13	21.37	21.31			
3	64QAM	1	0	21.21	21.40	21.57			
3	64QAM	1	8	21.30	21.44	21.52	22.2	2	
3	64QAM	1	14	21.34	21.48	21.49			
3	64QAM	8	0	20.18	20.31	20.24			
3	64QAM	8	4	20.18	20.29	20.27	24.2	0	
3	64QAM	8	7	20.18	20.34	20.34			
3	64QAM	15	0	20.16	20.27	20.29			
Channel				20407	20525	20643	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.26	23.33	23.36	24.2	0	
1.4	QPSK	1	3	23.12	23.35	23.24			
1.4	QPSK	1	5	23.12	23.31	23.35			
1.4	QPSK	3	0	23.12	23.28	23.27	23.2	1	
1.4	QPSK	3	1	23.07	23.24	23.10			
1.4	QPSK	3	3	23.04	23.21	23.31			
1.4	QPSK	6	0	22.15	22.34	22.34	22.2	2	
1.4	16QAM	1	0	22.33	22.46	22.53			
1.4	16QAM	3	0	22.31	22.48	22.58			
1.4	16QAM	1	5	22.52	22.77	22.55	21.2	3	
1.4	16QAM	3	0	22.30	22.41	22.50			
1.4	16QAM	3	1	22.30	22.47	22.50			
1.4	16QAM	3	3	22.40	22.75	22.52	22.2	2	
1.4	16QAM	6	0	21.13	21.31	21.25			
1.4	64QAM	1	0	21.23	21.41	21.58			
1.4	64QAM	1	3	21.22	21.43	21.52	22.2	2	
1.4	64QAM	1	5	21.23	21.48	21.52			
1.4	64QAM	3	0	21.18	21.30	21.46			
1.4	64QAM	3	1	21.18	21.30	21.39	21.2	3	
1.4	64QAM	3	3	21.18	21.43	21.52			
1.4	64QAM	6	0	20.06	20.31	20.34			

Band 7_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	22.45	22.86	22.82	23.7	0		
20	QPSK	1	49	22.27	22.83	22.81				
20	QPSK	1	99	22.38	22.75	22.69				
20	QPSK	50	0	21.37	21.77	21.67	22.7	1		
20	QPSK	50	24	21.50	21.94	21.89				
20	QPSK	50	50	21.30	21.86	21.77				
20	QPSK	100	0	21.47	21.89	21.74	22.7	1		
20	16QAM	1	0	21.65	22.08	22.01				
20	16QAM	1	49	21.69	22.13	22.02				
20	16QAM	1	99	21.84	22.19	22.20	21.7	2		
20	16QAM	50	0	20.32	20.84	20.70				
20	16QAM	50	24	20.39	20.92	20.72				
20	16QAM	50	50	20.51	20.92	20.83	21.7	2		
20	16QAM	100	0	20.45	20.81	20.69				
20	64QAM	1	0	20.54	20.81	20.75				
20	64QAM	1	49	20.55	20.96	20.92	21.7	2		
20	64QAM	1	99	20.66	21.07	20.97				
20	64QAM	50	0	19.44	19.79	19.74				
20	64QAM	50	24	19.44	19.92	19.74	20.7	3		
20	64QAM	50	50	19.45	19.81	19.86				
20	64QAM	100	0	19.42	19.83	19.79				
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	22.39	22.76	22.72	23.7	0		
15	QPSK	1	37	22.22	22.70	22.67				
15	QPSK	1	74	22.31	22.60	22.61				
15	QPSK	36	0	21.32	21.62	21.52	22.7	1		
15	QPSK	36	20	21.41	21.89	21.74				
15	QPSK	36	39	21.24	21.77	21.63				
15	QPSK	75	0	21.41	21.79	21.68	22.7	1		
15	16QAM	1	0	21.59	21.93	21.92				
15	16QAM	1	37	21.56	22.06	21.87				
15	16QAM	1	74	21.69	22.14	22.13	21.7	2		
15	16QAM	36	0	20.27	20.77	20.58				
15	16QAM	36	20	20.31	20.85	20.65				
15	16QAM	36	39	20.45	20.77	20.71	20.7	3		
15	16QAM	75	0	20.38	20.70	20.62				
15	64QAM	1	0	20.40	20.69	20.63				
15	64QAM	1	37	20.43	20.83	20.82	20.7	2		
15	64QAM	1	74	20.53	20.99	20.86				
15	64QAM	36	0	19.34	19.71	19.59				
15	64QAM	36	20	19.36	19.82	19.59	20.7	3		
15	64QAM	36	39	19.37	19.69	19.78				
15	64QAM	75	0	19.35	19.71	19.70				
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	22.34	22.72	22.77	23.7	0		
10	QPSK	1	25	22.25	22.77	22.71				
10	QPSK	1	49	22.23	22.61	22.55				
10	QPSK	25	0	21.23	21.66	21.61	22.7	1		
10	QPSK	25	12	21.44	21.83	21.77				
10	QPSK	25	25	21.23	21.80	21.66				
10	QPSK	50	0	21.33	21.76	21.61	22.7	1		
10	16QAM	1	0	21.52	22.01	21.92				
10	16QAM	1	25	21.63	22.07	21.91				
10	16QAM	1	49	21.76	22.10	22.07	21.7	2		
10	16QAM	25	0	20.20	20.69	20.56				
10	16QAM	25	12	20.33	20.84	20.66				
10	16QAM	25	25	20.41	20.78	20.69	21.7	2		
10	16QAM	50	0	20.38	20.76	20.57				
10	16QAM	50	1	20.44	20.76	20.69				
10	64QAM	1	0	20.44	20.76	20.69	21.7	2		
10	64QAM	1	25	20.45	20.81	20.81				
10	64QAM	1	49	20.54	20.97	20.86				
10	64QAM	25	0	19.31	19.74	19.59	20.7	3		
10	64QAM	25	12	19.35	19.80	19.59				
10	64QAM	25	25	19.30	19.68	19.79				
10	64QAM	50	0	19.27	19.71	19.72	20.7	3		
10	64QAM	50	1	19.27	19.73	19.65				
10	64QAM	50	2	19.27	19.73	19.65				

Band 7_Ant 5										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	23.20	23.26	23.26	23.5	0		
20	QPSK	1	49	23.11	23.21	23.21				
20	QPSK	1	99	23.19	23.27	23.25				
20	QPSK	50	0	22.18	22.26	22.25	22.5	1		
20	QPSK	50	24	22.10	22.20	22.18				
20	QPSK	50	50	22.16	22.23	22.22				
20	QPSK	100	0	22.13	22.22	22.18	22.5	1		
20	16QAM	1	0	22.16	22.24	22.24				
20	16QAM	1	49	22.34	22.40	22.37				
20	16QAM	1	99	22.16	22.27	22.25	21.5	2		
20	16QAM	50	0	21.03	21.10	21.08				
20	16QAM	50	24	21.03	21.11	21.08				
20	16QAM	50	50	21.02	21.12	21.11	21.5	2		
20	16QAM	100	0	21.01	21.11	21.07				
20	64QAM	1	0	21.07	21.17	21.17				
20	64QAM	1	49	21.12	21.22	21.19	20.5	3		
20	64QAM	1	99	21.07	21.17	21.14				
20	64QAM	50	0	20.07	20.14	20.12				
20	64QAM	50	24	20.02	20.11	20.11	20.5	3		
20	64QAM	50	50	20.06	20.15	20.14				
20	64QAM	100	0	19.99	20.08	20.05				
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	23.10	23.14	23.16	23.5	0		
15	QPSK	1	37	22.98	23.10	23.09				
15	QPSK	1	74	23.04	23.20	23.17				
15	QPSK	36	0	22.07	22.12	22.18	22.5	1		
15	QPSK	36	20	22.03	22.12	22.06				
15	QPSK	36	39	22.01	22.09	22.12				
15	QPSK	75	0	22.07	22.11	22.03	22.5	1		
15	16QAM	1	0	22.10	22.13	22.17				
15	16QAM	1	37	22.27	22.29	22.31				
15	16QAM	1	74	22.11	22.19	22.15	21.5	2		
15	16QAM	36	0	20.91	21.01	20.97				
15	16QAM	36	20	20.98	20.96	20.92				
15	16QAM	36	39	20.93	20.91	21.05	21.5	2		
15	16QAM	75	0	20.98	21.09	21.07				
15	64QAM	1	0	20.98	21.09	21.03				
15	64QAM	1	37	21.06	21.08	21.09	21.5	2		
15	64QAM	1	74	20.92	21.12	21.00				
15	64QAM	36	0	19.97	20.04	20.07				
15	64QAM	36	20	19.92	20.03	20.05	20.5	3		
15	64QAM	36	39	19.99	20.07	19.99				
15	64QAM	75	0	19.94	19.98	19.94				
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	23.06	23.15	23.14	23.5	0		
10	QPSK	1	25	23.00	23.06	23.14				
10	QPSK	1	49	23.13	23.13	23.14				
10	QPSK	25	0	22.07	22.15	22.15	22.5	1		
10	QPSK	25	12	21.95	22.14	22.12				
10	QPSK	25	25	22.07	22.10	22.10				
10	QPSK	50	0	22.03	22.08	22.05	22.5	1		
10	16QAM	1	0	22.03	22.16	22.12				
10	16QAM	1	25	22.26	22.26	22.31				
10	16QAM	1	49	22.06	22.22	22.13	21.5	1		
10	16QAM	25	0	20.89	21.03	20.94				
10	16QAM	25	12	20.89	21.03	20.96				
10	16QAM	25	25	20.87	21.01	21.04	21.5	2		
10	16QAM	50	0	20.96	21.04	21.00				
10	64QAM	1	0	20.93	21.10	21.12				
10	64QAM	1	25	21.00	21.16	21.04	21.5	2		
10	64QAM	1	49	20.93	21.08	21.03				
10	64QAM	25	0	19.95	20.04	20.00				
10	64QAM	25	12	19.97	19.96	20.02	20.5	3		
10	64QAM	25	25	20.00	20.00	20.06				
10	64QAM	50	0	19.94	19.97	19.93				
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	23.06	23.15	23.14	23.5	0		
5	QPSK	1	12	23.01	23.12	23.13				
5	QPSK	1	24	23.06	23.18	23.14				
5	QPSK	12	0	22.06	22.11	22.17	22.5	1		
5	QPSK	12	7	22.02	22.13	22.09				
5	QPSK	12	13	22.03	22.09	22.09				
5	QPSK	25	0	22.08	22.15	22.03	22.5	1		
5	16QAM	1	0	22.06	22.16	22.13				
5	16QAM	1	12	22.21	22.27	22.28				
5	16QAM	1	24	22.11	22.20	22.13	21.5	2		
5	16QAM	12	0	20.98	21.03	21.04				
5	16QAM	12	7	20.91	21.01	20.91				
5	16QAM	12	13	20.97	21.04	21.02	21.5	2		
5	16QAM	25	0	20.89	21.03	20.97				
5	64QAM	1	0	20.93	21.05	21.04				
5	64QAM	1	12	20.97	21.11	21.04	21.5	2		
5	64QAM	1	24	20.96	21.02	21.07				
5	64QAM	12	0	20.00	20.09	20.07				
5	64QAM	12	7	19.92	20.05	20.00	20.5	3		
5	64QAM	12	13	19.92	20.06	20.01				
5	64QAM	25	0	19.85	20.03	19.98				

Band 12_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130	23.7	0		
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	22.86	22.93	22.88				
10	QPSK	1	25	22.73	22.93	22.86	22.7	1		
10	QPSK	1	49	22.78	22.88	22.81				
10	QPSK	25	0	21.80	21.89	21.84				
10	QPSK	25	12	21.79	21.87	21.82	22.7	1		
10	QPSK	25	25	21.77	21.86	21.79				
10	QPSK	50	0	21.80	21.85	21.82				
10	16QAM	1	0	22.95	22.21	22.11	22.7	1		
10	16QAM	1	25	22.08	22.27	22.15				
10	16QAM	1	49	22.22	22.29	22.25				
10	16QAM	25	0	20.76	20.87	20.77	21.7	2		
10	16QAM	25	12	20.79	20.84	20.78				
10	16QAM	25	25	20.75	20.90	20.77				
10	16QAM	50	0	20.79	20.87	20.79	21.7	2		
10	16QAM	1	0	20.85	21.11	20.96				
10	16QAM	1	25	20.87	21.18	21.04				
10	16QAM	1	49	21.05	21.07	21.13	20.7	3		
10	16QAM	25	0	19.76	19.86	19.80				
10	16QAM	25	12	19.78	19.89	19.82				
10	16QAM	25	25	19.82	19.88	19.80	20.7	3		
10	16QAM	50	0	19.81	19.88	19.80				
Channel				23035	23095	23165				
Frequency (MHz)				701.5	707.5	713.5	23.7	0		
5	QPSK	1	0	22.77	22.84	22.73				
5	QPSK	1	12	22.61	22.88	22.81	22.7	1		
5	QPSK	1	24	22.66	22.80	22.74				
5	QPSK	12	0	21.70	21.83	21.76	22.7	1		
5	QPSK	12	7	21.66	21.80	21.70				
5	QPSK	12	13	21.66	21.79	21.64				
5	QPSK	25	0	21.72	21.78	21.69	22.7	1		
5	16QAM	1	0	21.90	22.07	22.06				
5	16QAM	1	12	21.96	22.22	22.05				
5	16QAM	1	24	22.16	22.14	22.19	21.7	2		
5	16QAM	12	0	20.63	20.82	20.71				
5	16QAM	12	7	20.74	20.78	20.64				
5	16QAM	12	13	20.68	20.75	20.72	21.7	2		
5	16QAM	25	0	20.65	20.74	20.66				
5	16QAM	1	0	20.71	20.98	20.86				
5	16QAM	1	12	20.81	21.04	20.99	20.7	3		
5	16QAM	1	24	20.97	20.98	21.06				
5	16QAM	12	0	19.70	19.76	19.65				
5	16QAM	12	7	19.69	19.84	19.67	20.7	3		
5	16QAM	12	13	19.70	19.81	19.68				
5	16QAM	25	0	19.73	19.75	19.66				
Channel				23025	23095	23165	23.7	0		
Frequency (MHz)				700.5	707.5	714.5				
3	QPSK	1	0	22.81	22.85	22.80				
3	QPSK	1	8	22.58	22.83	22.71	22.7	1		
3	QPSK	1	14	22.63	22.76	22.72				
3	QPSK	8	0	21.71	21.74	21.71	22.7	1		
3	QPSK	8	4	21.64	21.79	21.70				
3	QPSK	8	7	21.69	21.72	21.66				
3	QPSK	15	0	21.73	21.74	21.75	22.7	1		
3	16QAM	1	0	21.98	22.06	22.05				
3	16QAM	1	8	21.97	22.12	22.03				
3	16QAM	1	14	22.13	22.16	22.12	21.7	2		
3	16QAM	8	0	20.67	20.81	20.63				
3	16QAM	8	4	20.66	20.72	20.70				
3	16QAM	8	7	20.60	20.78	20.70	21.7	2		
3	16QAM	15	0	20.71	20.73	20.71				
3	16QAM	1	0	20.71	20.98	20.87				
3	16QAM	1	8	20.75	21.12	20.99	20.7	3		
3	16QAM	1	14	20.95	20.99	21.05				
3	16QAM	8	0	19.63	19.77	19.73				
3	16QAM	8	4	19.72	19.84	19.71	20.7	3		
3	16QAM	8	7	19.74	19.80	19.67				
3	16QAM	15	0	19.76	19.77	19.75				
Channel				23017	23095	23173	23.7	0		
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	22.77	22.84	22.74				
1.4	QPSK	1	3	22.64	22.87	22.74	23.7	0		
1.4	QPSK	1	5	22.65	22.75	22.70				
1.4	QPSK	3	0	22.67	22.72	22.66				
1.4	QPSK	3	1	22.58	22.85	22.61	22.7	1		
1.4	QPSK	3	3	22.56	22.69	22.61				
1.4	QPSK	6	0	21.69	21.71	21.72				
1.4	16QAM	1	0	21.94	22.07	21.98	22.7	1		
1.4	16QAM	1	3	22.02	22.12	22.10				
1.4	16QAM	1	5	22.11	22.21	22.14				
1.4	16QAM	3	0	21.85	22.03	21.96	21.7	2		
1.4	16QAM	3	1	21.88	22.03	22.08				
1.4	16QAM	3	3	21.96	22.10	22.07				
1.4	16QAM	6	0	20.69	20.73	20.70	20.7	3		
1.4	16QAM	1	0	20.72	21.05	20.90				
1.4	16QAM	1	3	20.81	21.08	20.95				
1.4	16QAM	1	5	20.95	20.93	20.99	20.7	3		
1.4	16QAM	3	0	20.61	21.03	20.75				
1.4	16QAM	3	1	20.72	21.01	20.90				
1.4	16QAM	3	3	20.94	20.79	20.89	20.7	3		
1.4	16QAM	6	0	19.74	19.84	19.67				
1.4	16QAM	6	0	19.74	19.84	19.67				

Band 13_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23230			24.5	0		
Frequency (MHz)				782						
10	QPSK	1	0	23.40						
10	QPSK	1	25	23.25			23.5	1		
10	QPSK	1	49	23.36						
10	QPSK	25	0	23.35						
10	QPSK	25	12	22.27			23.5	1		
10	QPSK	25	25	22.30						
10	QPSK	50	0	22.32						
10	16QAM	1	0	22.60			23.5	1		
10	16QAM	1	25	22.56						
10	16QAM	1	49	22.59						
10	16QAM	25	0	21.28			22.5	2		
10	16QAM	25	12	21.26						
10	16QAM	25	25	21.31						
10	16QAM	50	0	21.31			22.5	2		
10	16QAM	1	0	21.55						
10	16QAM	1	25	21.48						
10	16QAM	1	49	21.50			21.5	3		
10	16QAM	25	0	20.30						
10	16QAM	25	12	20.27						
10	16QAM	25	25	20.28			21.5	3		
10	16QAM	50	0	20						
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				770.5	782	794.5				
5	QPSK	1	0	23.33	23.37	23.34	24.5	0		
5	QPSK	1	12	23.10	23.15	23.20				
5	QPSK	1	24	23.19	23.25	23.28				
5	QPSK	12	0	23.21	23.25	23.25	23.5	1		
5	QPSK	12	7	22.23	22.17	22.13				
5	QPSK	12	13	22.16	22.27	22.26				
5	QPSK	25	0	22.19	22.31	22.27	23.5	1		
5	16QAM	1	0	22.58	22.52	22.52				
5	16QAM	1	12	22.50	22.47	22.43				
5	16QAM	1	24	22.40	22.57	22.57	22.5	2		
5	16QAM	12	0	21.13	21.22	21.25				
5	16QAM	12	7	21.23	21.23	21.17				
5	16QAM	12	13	21.27	21.17	21.25	22.5	2		
5	16QAM	25	0	21.24	21.26	21.25				
5	16QAM	1	0	21.48	21.52	21.43				
5	16QAM	1	12	21.44	21.33	21.43	22.5	2		
5	16QAM	1	24	21.42	21.35	21.37				
5	16QAM	12	0	20.27	20.28	20.28				
5	16QAM	12	7	20.12	20.18	20.20	21.5	3		
5	16QAM	12	13	20.17	20.17	20.20				
5	16QAM	25	0	20.29	20.23	20.26				

Band 17_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23780	23790	23800				
Frequency (MHz)				709	710	711				
10	QPSK	1	0	23.22	23.25	23.23	24.5	0		
10	QPSK	1	25	23.20	23.21	23.20				
10	QPSK	1	49	23.18	23.23	23.18				
10	QPSK	25	0	22.25	22.28	22.26	23.5	1		
10	QPSK	25	12	22.23	22.27	22.25				
10	QPSK	25	25	22.22	22.24	22.23				
10	QPSK	50	0	22.25	22.26	22.23	23.5	1		
10	16QAM	1	0	22.51	22.50	22.61				
10	16QAM	1	25	22.58	22.49	22.59				
10	16QAM	1	49	22.61	22.52	22.61	22.5	2		
10	16QAM	25	0	21.23	21.22	21.22				
10	16QAM	25	12	21.24	21.24	21.22				
10	16QAM	25	25	21.26	21.21	21.22	22.5	2		
10	16QAM	50	0	21.27	21.22	21.22				
10	64QAM	1	0	21.36	21.31	21.48				
10	64QAM	1	25	21.48	21.42	21.46	22.5	2		
10	64QAM	1	49	21.42	21.42	21.47				
10	64QAM	25	0	20.22	20.20	20.24				
10	64QAM	25	12	20.24	20.24	20.24	21.5	3		
10	64QAM	25	25	20.29	20.24	20.24				
10	64QAM	50	0	20.26	20.24	20.24				
Channel				23765	23790	23825	Tune-up limit (dBm)			
Frequency (MHz)				706.5	710	713.5				
5	QPSK	1	0	23.11	23.15	23.21	24.5	0		
5	QPSK	1	12	23.16	23.09	23.16				
5	QPSK	1	24	23.16	23.19	23.14				
5	QPSK	12	0	22.11	22.14	22.11	23.5	1		
5	QPSK	12	7	22.16	22.21	22.11				
5	QPSK	12	13	22.21	22.14	22.09				
5	QPSK	25	0	22.20	22.22	22.19	23.5	1		
5	16QAM	1	0	22.44	22.35	22.54				
5	16QAM	1	12	22.48	22.44	22.53				
5	16QAM	1	24	22.58	22.37	22.48	22.5	2		
5	16QAM	12	0	21.18	21.20	21.14				
5	16QAM	12	7	21.23	21.21	21.13				
5	16QAM	12	13	21.11	21.20	21.18	21.5	3		
5	16QAM	25	0	21.12	21.17	21.15				
5	64QAM	1	0	21.29	21.16	21.46				
5	64QAM	1	12	21.34	21.32	21.43	22.5	2		
5	64QAM	1	24	21.27	21.39	21.37				
5	64QAM	12	0	20.18	20.13	20.14				
5	64QAM	12	7	20.16	20.20	20.12	21.5	3		
5	64QAM	12	13	20.27	20.19	20.11				
5	64QAM	25	0	20.15	20.23	20.19				

Band 17_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23780	23790	23800				
Frequency (MHz)				709	710	711				
10	QPSK	1	0	22.88	22.91	22.86	23.7	1	23.7	
10	QPSK	1	25	22.87	22.86	22.81				
10	QPSK	1	49	22.84	22.90	22.80				
10	QPSK	25	0	21.86	21.93	21.84	22.7	1	22.7	
10	QPSK	25	12	21.85	21.90	21.81				
10	QPSK	25	25	21.87	21.89	21.76				
10	QPSK	50	0	21.83	21.90	21.82	22.7	1	22.7	
10	16QAM	1	0	22.15	22.23	22.21				
10	16QAM	1	25	22.21	22.24	22.16				
10	16QAM	1	49	22.16	22.26	22.19	21.7	2	21.7	
10	16QAM	25	0	20.84	20.86	20.82				
10	16QAM	25	12	20.86	20.91	20.83				
10	16QAM	25	25	20.88	20.86	20.76	21.7	2	21.7	
10	16QAM	50	0	20.87	20.89	20.77				
10	64QAM	1	0	20.99	21.01	21.08				
10	64QAM	1	25	21.04	21.16	20.98	21.7	2	21.7	
10	64QAM	1	49	21.00	21.17	21.02				
10	64QAM	25	0	19.88	19.88	19.81				
10	64QAM	25	12	19.91	19.91	19.80	20.7	3	20.7	
10	64QAM	25	25	19.92	19.90	19.78				
10	64QAM	50	0	19.87	19.89	19.76				
Channel				23765	23790	23825				
Frequency (MHz)				706.5	710	713.5				
5	QPSK	1	0	22.80	22.83	22.81	23.7	0	23.7	
5	QPSK	1	12	22.72	22.78	22.74				
5	QPSK	1	24	22.75	22.83	22.66				
5	QPSK	12	0	21.79	21.78	21.75	22.7	1	22.7	
5	QPSK	12	7	21.77	21.75	21.67				
5	QPSK	12	13	21.76	21.81	21.68				
5	QPSK	25	0	21.68	21.75	21.67	22.7	1	22.7	
5	16QAM	1	0	22.05	22.11	22.12				
5	16QAM	1	12	22.10	22.09	22.09				
5	16QAM	1	24	22.02	22.17	22.10	21.7	2	21.7	
5	16QAM	12	0	20.76	20.76	20.77				
5	16QAM	12	7	20.73	20.83	20.78				
5	16QAM	12	13	20.73	20.80	20.67	21.7	2	21.7	
5	16QAM	25	0	20.81	20.75	20.62				
5	64QAM	1	0	20.89	20.88	21.01				
5	64QAM	1	12	20.95	21.07	20.85	21.7	2	21.7	
5	64QAM	1	24	20.94	21.08	20.87				
5	64QAM	12	0	19.81	19.82	19.74				
5	64QAM	12	7	19.80	19.84	19.70	20.7	3	20.7	
5	64QAM	12	13	19.77	19.80	19.66				
5	64QAM	25	0	19.76	19.83	19.67				

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	23.75	23.85	23.83	25	0	25	0
15	QPSK	1	37	23.73	23.81	23.80				
15	QPSK	1	74	23.74	23.77	23.71				
15	QPSK	36	0	22.78	22.84	22.81	24	1	24	1
15	QPSK	36	20	22.75	22.82	22.80				
15	QPSK	36	39	22.75	22.77	22.72				
15	QPSK	75	0	22.75	22.83	22.81	24	1	24	1
15	16QAM	1	0	22.98	22.99	23.05				
15	16QAM	1	37	23.05	23.06	23.10				
15	16QAM	1	74	22.99	23.06	22.86	23	2	23	2
15	16QAM	36	0	21.75	21.73	21.78				
15	16QAM	36	20	21.77	21.77	21.79				
15	16QAM	36	39	21.76	21.76	21.74	23	2	23	2
15	16QAM	75	0	21.76	21.75	21.81				
15	16QAM	1	0	21.75	21.82	21.80				
15	16QAM	1	37	21.87	21.95	21.97	22	3	22	3
15	16QAM	1	74	21.92	22.04	21.81				
15	16QAM	36	0	20.76	20.75	20.81				
15	16QAM	36	20	20.79	20.82	20.81	22	3	22	3
15	16QAM	36	39	20.77	20.79	20.78				
15	16QAM	75	0	20.75	20.74	20.81				
Channel				26740	26865	26990				
Frequency (MHz)				819	831.5	844				
10	QPSK	1	0	23.67	23.83	23.74	25	0	25	0
10	QPSK	1	25	23.69	23.80	23.74				
10	QPSK	1	49	23.60	23.62	23.63				
10	QPSK	25	12	22.73	22.78	22.74	24	1	24	1
10	QPSK	25	12	22.63	22.68	22.66				
10	QPSK	25	25	22.69	22.72	22.65				
10	QPSK	50	0	22.67	22.71	22.68	24	1	24	1
10	16QAM	1	0	22.90	22.91	22.92				
10	16QAM	1	25	22.95	22.93	23.02				
10	16QAM	1	49	22.89	23.05	22.78	23	2	23	2
10	16QAM	25	0	21.65	21.71	21.63				
10	16QAM	25	12	21.63	21.68	21.65				
10	16QAM	25	25	21.63	21.66	21.69	23	2	23	2
10	16QAM	50	0	21.66	21.62	21.74				
10	16QAM	1	0	21.80	21.91	21.88				
10	16QAM	1	25	21.74	21.85	21.89	23	2	23	2
10	16QAM	1	49	21.91	21.96	21.73				
10	16QAM	25	0	20.68	20.73	20.71				
10	16QAM	25	12	20.76	20.74	20.78	22	3	22	3
10	16QAM	25	25	20.73	20.73	20.69				
10	16QAM	50	0	20.73	20.67	20.66				
Channel				26715	26865	27015				
Frequency (MHz)				816.5	831.5	848.5				
5	QPSK	1	0	23.68	23.82	23.68	25	0	25	0
5	QPSK	1	12	23.63	23.71	23.68				
5	QPSK	1	24	23.72	23.68	23.68				
5	QPSK	12	0	22.72	22.77	22.71	24	1	24	1
5	QPSK	12	7	22.68	22.67	22.76				
5	QPSK	12	13	22.60	22.65	22.66				
5	QPSK	25	0	22.63	22.72	22.69	24	1	24	1
5	16QAM	1	0	22.96	22.95	22.97				
5	16QAM	1	12	22.91	22.99	22.97				
5	16QAM	1	24	22.97	22.97	22.81	23	2	23	2
5	16QAM	12	0	21.69	21.67	21.74				
5	16QAM	12	7	21.75	21.64	21.64				
5	16QAM	12	13	21.71	21.68	21.68	23	2	23	2
5	16QAM	25	0	21.71	21.61	21.74				
5	16QAM	1	0	21.70	21.95	21.88				
5	16QAM	1	12	21.86	21.94	21.85	22	3	22	3
5	16QAM	1	24	21.78	21.84	21.75				
5	16QAM	12	0	20.75	20.70	20.71				
5	16QAM	12	7	20.68	20.68	20.78	22	3	22	3
5	16QAM	12	13	20.74	20.71	20.76				
5	16QAM	25	0	20.62	20.69	20.69				
Channel				26705	26865	27025				
Frequency (MHz)				815.5	831.5	847.5				
3	QPSK	1	0	23.68	23.84	23.74	25	0	25	0
3	QPSK	1	8	23.62	23.67	23.74				
3	QPSK	1	14	23.59	23.74	23.64				
3	QPSK	8	0	22.69	22.77	22.69	24	1	24	1
3	QPSK	8	4	22.69	22.72	22.65				
3	QPSK	8	7	22.64	22.63	22.69				
3	QPSK	15	0	22.65	22.77	22.68	23	1	23	1
3	16QAM	1	0	22.87	22.85	22.93				
3	16QAM	1	8	22.98	22.91	22.99				
3	16QAM	1	14	22.87	22.95	22.83	23	2	23	2
3	16QAM	8	0	21.61	21.61	21.70				
3	16QAM	8	4	21.73	21.71	21.71				
3	16QAM	8	7	21.85	21.86	21.83	23	2	23	2
3	16QAM	15	0	21.62	21.65	21.71				
3	16QAM	1	0	21.73	21.81	21.80				
3	16QAM	1	8	21.72	21.82	21.87	23	2	23	2
3	16QAM	1	14	21.88	22.00	21.78				
3	16QAM	8	0	20.73	20.60	20.72				
3	16QAM	8	4	20.78	20.67	20.70	22	3	22	3
3	16QAM	8	7	20.62	20.72	20.69				
3	16QAM	15	0	20.67	20.66	20.70				
Channel				26697	26865	27033				
Frequency (MHz)				814.7	831.5	848.3				
1.4	QPSK	1	0	23.69	23.77	23.70	25	0	25	0
1.4	QPSK	1	3	23.70	23.79	23.68				
1.4	QPSK	1	5	23.72	23.76	23.62				
1.4	QPSK	3	0	23.64	23.80	23.81	24	1	24	1
1.4	QPSK	3	1	23.66	23.74	23.78				
1.4	QPSK	3	3	23.72	23.68	23.70				
1.4	QPSK	6	0	22.77	22.77	22.71	24	1	24	1
1.4	16QAM	1	0	22.71	22.77	22.73				
1.4	16QAM	1	3	22.62	22.94	22.62				
1.4	16QAM	1	5	22.62	22.72	22.78	24	1	24	1
1.4	16QAM	3	0	22.93	22.92	22.97				
1.4	16QAM	3	1	23.01	22.93	22.95				
1.4	16QAM	3	3	22.95	23.00	22.76	23	2	23	2
1.4	16QAM	6	0	21.73	21.70	21.70				
1.4	16QAM	1	0	21.74	21.63	21.68				
1.4	16QAM	1	3	21.62	21.72	21.65	23	2	23	2
1.4	16QAM	1	5	21.66	21.66	21.70				
1.4	16QAM	3	1	21.76	21.71	21.84				
1.4	16QAM	3	3	21.75	21.84	21.85	22	3	22	3
1.4	16QAM	3	3	21.84	22.02	21.76				
1.4	16QAM	6	0	20.68	20.72	20.75				

Band 26_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	24.2	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.58	23.69	23.66	23.2	1	
15	QPSK	1	37	23.53	23.61	23.54			
15	QPSK	1	74	23.53	23.62	23.62			
15	QPSK	36	0	22.62	22.70	22.61	23.2	1	
15	QPSK	36	20	22.51	22.54	22.58			
15	QPSK	36	39	22.59	22.66	22.59			
15	QPSK	75	0	22.55	22.62	22.61	23.2	1	
15	16QAM	1	0	22.85	22.92	22.93			
15	16QAM	1	37	22.83	22.90	22.93			
15	16QAM	1	74	22.91	22.94	22.85	22.2	2	
15	16QAM	36	0	21.51	21.55	21.57			
15	16QAM	36	20	21.61	21.66	21.61			
15	16QAM	36	39	21.61	21.72	21.59	22.2	2	
15	16QAM	75	0	21.55	21.64	21.63			
15	64QAM	1	0	21.55	21.64	21.69			
15	64QAM	1	37	21.66	21.83	21.85	22.2	2	
15	64QAM	1	74	21.77	21.82	21.78			
15	64QAM	36	0	20.51	20.56	20.58			
15	64QAM	36	20	20.60	20.67	20.62	21.2	3	
15	64QAM	36	39	20.66	20.72	20.63			
15	64QAM	75	0	20.54	20.62	20.61			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819 <th>831.5</th> <th>844</th> <th rowspan="2">24.2</th> <th colspan="2" rowspan="2">0</th>	831.5	844	24.2	0	
10	QPSK	1	0	23.45	23.56	23.51			
10	QPSK	1	25	23.42	23.50	23.39	23.2	1	
10	QPSK	1	49	23.41	23.55	23.55			
10	QPSK	25	0	22.47	22.60	22.46			
10	QPSK	25	12	22.42	22.43	22.51	23.2	1	
10	QPSK	25	25	22.50	22.54	22.54			
10	QPSK	50	0	22.47	22.50	22.53			
10	16QAM	1	0	22.50	22.64	22.60	23.2	1	
10	16QAM	1	25	22.77	22.84	22.82			
10	16QAM	1	49	22.82	22.82	22.77			
10	16QAM	25	0	21.37	21.47	21.45	22.2	2	
10	16QAM	25	12	21.49	21.60	21.53			
10	16QAM	25	25	21.53	21.63	21.46			
10	16QAM	50	0	21.42	21.53	21.50	22.2	2	
10	64QAM	1	0	21.41	21.57	21.63			
10	64QAM	1	25	21.59	21.73	21.77			
10	64QAM	1	49	21.70	21.72	21.73	21.2	3	
10	64QAM	25	0	20.38	20.50	20.44			
10	64QAM	25	12	20.50	20.54	20.57			
10	64QAM	25	25	20.61	20.63	20.56	21.2	3	
10	64QAM	50	0	20.45	20.47	20.48			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5 <th>831.5</th> <th>846.5</th> <th rowspan="2">24.2</th> <th colspan="2" rowspan="2">0</th>	831.5	846.5	24.2	0	
5	QPSK	1	0	23.47	23.59	23.51			
5	QPSK	1	12	23.38	23.53	23.39	23.2	1	
5	QPSK	1	24	23.40	23.55	23.56			
5	QPSK	12	0	22.55	22.58	22.52			
5	QPSK	12	7	22.38	22.39	22.43	23.2	1	
5	QPSK	12	13	22.50	22.58	22.53			
5	QPSK	25	0	22.48	22.53	22.49			
5	16QAM	1	0	22.54	22.62	22.66	23.2	1	
5	16QAM	1	12	22.75	22.78	22.84			
5	16QAM	1	24	22.83	22.84	22.72			
5	16QAM	12	0	21.38	21.47	21.49	22.2	2	
5	16QAM	12	7	21.50	21.54	21.48			
5	16QAM	12	13	21.49	21.65	21.45			
5	16QAM	25	0	21.49	21.58	21.56	22.2	2	
5	64QAM	1	0	21.46	21.58	21.59			
5	64QAM	1	12	21.59	21.73	21.80			
5	64QAM	1	24	21.65	21.76	21.67	21.2	3	
5	64QAM	12	0	20.40	20.42	20.52			
5	64QAM	12	7	20.49	20.53	20.52			
5	64QAM	12	13	20.52	20.60	20.54	21.2	3	
5	64QAM	25	0	20.43	20.57	20.56			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5 <th>831.5</th> <th>847.5</th> <th rowspan="2">24.2</th> <th colspan="2" rowspan="2">0</th>	831.5	847.5	24.2	0	
3	QPSK	1	0	23.45	23.56	23.59			
3	QPSK	1	8	23.38	23.46	23.47	23.2	1	
3	QPSK	1	14	23.48	23.53	23.57			
3	QPSK	8	0	22.47	22.57	22.56			
3	QPSK	8	4	22.41	22.42	22.47	23.2	1	
3	QPSK	8	7	22.48	22.54	22.49			
3	QPSK	15	0	22.47	22.54	22.54			
3	16QAM	1	0	22.54	22.57	22.65	23.2	1	
3	16QAM	1	8	22.69	22.82	22.79			
3	16QAM	1	14	22.83	22.81	22.70			
3	16QAM	8	0	21.42	21.50	21.49	22.2	2	
3	16QAM	8	4	21.48	21.60	21.54			
3	16QAM	8	7	21.47	21.58	21.48			
3	16QAM	15	0	21.40	21.53	21.54	22.2	2	
3	64QAM	1	0	21.45	21.58	21.57			
3	64QAM	1	8	21.53	21.70	21.71			
3	64QAM	1	14	21.64	21.68	21.71	21.2	3	
3	64QAM	8	0	20.46	20.46	20.52			
3	64QAM	8	4	20.50	20.61	20.55			
3	64QAM	8	7	20.56	20.62	20.54	21.2	3	
3	64QAM	15	0	20.44	20.47	20.54			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7 <th>831.5</th> <th>848.3</th> <th rowspan="2">24.2</th> <th colspan="2" rowspan="2">0</th>	831.5	848.3	24.2	0	
1.4	QPSK	1	0	23.51	23.58	23.56			
1.4	QPSK	1	3	23.40	23.53	23.47	23.2	1	
1.4	QPSK	1	5	23.43	23.49	23.55			
1.4	QPSK	3	0	23.51	23.56	23.54			
1.4	QPSK	3	1	23.26	23.49	23.32	23.2	1	
1.4	QPSK	3	3	23.29	23.36	23.43			
1.4	QPSK	6	0	22.49	22.53	22.56			
1.4	16QAM	1	0	22.54	22.58	22.61	23.2	1	
1.4	16QAM	1	3	22.69	22.75	22.85			
1.4	16QAM	1	5	22.76	22.82	22.82			
1.4	16QAM	3	0	22.39	22.51	22.57	22.2	2	
1.4	16QAM	3	1	22.60	22.66	22.72			
1.4	16QAM	3	3	22.63	22.78	22.60			
1.4	16QAM	6	0	21.48	21.58	21.55	22.2	2	
1.4	64QAM	1	0	21.45	21.55	21.54			
1.4	64QAM	1	3	21.58	21.77	21.79			
1.4	64QAM	1	5	21.63	21.67	21.64	22.2	2	
1.4	64QAM	3	0	21.43	21.46	21.53			
1.4	64QAM	3	1	21.47	21.64	21.68			
1.4	64QAM	3	3	21.58	21.53	21.60	21.2	3	
1.4	64QAM	6	0	20.41	20.47	20.55			

Band 66_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High 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	23.34	23.50	23.82	24.8	0	
20	QPSK	1	49	23.33	23.43	23.76			
20	QPSK	1	99	23.33	23.48	23.77			
20	QPSK	50	0	22.35	22.52	22.84	23.8	1	
20	QPSK	50	24	22.26	22.40	22.71			
20	QPSK	50	50	22.23	22.44	22.77			
20	QPSK	100	0	22.36	22.50	22.82	23.8	1	
20	16QAM	1	49	22.54	22.54	22.46			
20	16QAM	1	49	22.58	22.49	22.44			
20	16QAM	1	99	22.48	22.38	22.46	22.8	2	
20	16QAM	50	0	21.34	21.14	21.16			
20	16QAM	50	24	21.31	21.11	21.15			
20	16QAM	50	50	21.22	21.09	21.18	21.8		
20	16QAM	100	0	21.30	21.10	21.15			
20	16QAM	1	49	21.47	21.48	21.35			
20	64QAM	1	49	21.48	21.26	21.28	22.8		
20	64QAM	1	99	21.40	21.29	21.34			
20	64QAM	50	0	20.32	20.12	20.17			
20	64QAM	50	24	20.30	20.10	20.16	21.8		
20	64QAM	50	50	20.20	20.08	20.20			
20	64QAM	100	0	20.28	20.09	20.15			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	23.24	23.42	23.74	24.8	0	
15	QPSK	1	37	23.20	23.39	23.76			
15	QPSK	1	74	23.25	23.34	23.66			
15	QPSK	36	0	22.21	22.30	22.78	23.8	1	
15	QPSK	36	39	22.21	22.32	22.67			
15	QPSK	36	39	22.09	22.36	22.76			
15	QPSK	75	0	22.34	22.36	22.68	23.8	1	
15	16QAM	1	0	22.57	22.49	22.40			
15	16QAM	1	37	22.47	22.45	22.43			
15	16QAM	1	74	22.44	22.30	22.46	22.8	2	
15	16QAM	36	0	21.33	21.21	21.02			
15	16QAM	36	39	21.20	21.02	21.00			
15	16QAM	36	39	21.10	21.15	21.13	21.8	3	
15	16QAM	75	0	21.22	21.00	21.03			
15	64QAM	1	0	21.40	21.38	21.21			
15	64QAM	1	37	21.37	21.20	21.14	22.8	2	
15	64QAM	1	74	21.33	21.22	21.19			
15	64QAM	36	0	20.26	20.03	20.05			
15	64QAM	36	20	20.18	20.09	20.05	21.8	3	
15	64QAM	36	39	20.17	20.08	20.17			
15	64QAM	75	0	20.17	20.01	20.08			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	23.21	23.44	23.71	24.8	0	
10	QPSK	1	25	23.23	23.31	23.67			
10	QPSK	1	49	23.20	23.38	23.68			
10	QPSK	25	0	22.24	22.44	22.82	23.8	1	
10	QPSK	25	12	22.24	22.32	22.66			
10	QPSK	25	25	22.19	22.43	22.73			
10	QPSK	50	0	22.31	22.42	22.76	23.8	1	
10	16QAM	1	0	22.43	22.43	22.35			
10	16QAM	1	25	22.57	22.47	22.38			
10	16QAM	1	49	22.45	22.30	22.42	22.8	2	
10	16QAM	25	0	21.28	21.08	21.13			
10	16QAM	25	12	21.16	21.07	21.02			
10	16QAM	25	25	21.20	21.08	21.10	21.8	3	
10	16QAM	50	0	21.19	21.05	21.11			
10	16QAM	50	1	21.32	21.43	21.51			
10	64QAM	1	25	21.21	21.10	21.12	22.8	2	
10	64QAM	1	49	21.37	21.19	21.19			
10	64QAM	25	0	20.18	20.11	20.05			
10	64QAM	25	12	20.22	20.20	20.12	21.8	3	
10	64QAM	25	25	20.06	20.18	20.14			
10	64QAM	50	0	20.19	20.07	20.05			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	23.26	23.45	23.77	24.8	0	
5	QPSK	1	12	23.29	23.29	23.69			
5	QPSK	1	24	23.28	23.38	23.65			
5	QPSK	12	0	22.28	22.50	22.72	23.8	1	
5	QPSK	12	7	22.23	22.37	22.65			
5	QPSK	12	13	22.10	22.40	22.65			
5	QPSK	25	0	22.35	22.37	22.77	23.8	1	
5	16QAM	1	0	22.64	22.46	22.42			
5	16QAM	1	12	22.47	22.43	22.36			
5	16QAM	1	24	22.35	22.32	22.34	22.8	2	
5	16QAM	12	0	21.21	21.11	21.12			
5	16QAM	12	7	21.10	21.05	21.14			
5	16QAM	12	13	21.07	21.11	21.11	21.8	3	
5	16QAM	25	0	21.21	21.15	21.12			
5	64QAM	1	0	21.38	21.35	21.28			
5	64QAM	1	12	21.36	21.18	21.17	22.8	2	
5	64QAM	1	24	21.32	21.28	21.28			
5	64QAM	12	0	20.31	20.09	20.13			
5	64QAM	12	7	20.31	20.20	20.03	21.8	3	
5	64QAM	12	13	20.19	20.13	20.12			
5	64QAM	25	0	20.21	20.02	20.11			
Channel				131987 <th>132322</th> <th>132657</th> <th rowspan="2">Tune-up limit (dBm)</th> <th rowspan="2">MPR (dB)</th> <th rowspan="2"></th>	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	23.27	23.42	23.75	24.8	0	
3	QPSK	1	8	23.26	23.38	23.74			
3	QPSK	1	14	23.23	23.38	23.62			
3	QPSK	8	0	22.31	22.37	22.83	23.8	1	
3	QPSK	8	4	22.20	22.31	22.58			
3	QPSK	8	7	22.18	22.31	22.62			
3	QPSK	16	0	22.47	22.40	22.79	23.8	1	
3	16QAM	1	0	20.61	22.51	22.35			
3	16QAM	1	8	22.47	22.39	22.36			
3	16QAM	1	14	22.42	22.26	22.33	22.8	2	
3	16QAM	8	0	21.32	21.07	21.12			
3	16QAM	8	4	21.30	21.05	21.09			
3	16QAM	8	7	21.17	21.11	21.12	22.8	2	
3	16QAM	15	0	21.15	21.04	21.10			
3	64QAM	1	0	21.36	21.40	21.24			
3	64QAM	1	8	21.31	21.18	21.14	21.8	3	
3	64QAM	1	14	21.33	21.15	21.20			
3	64QAM	8	0	20.30	20.06	20.14			
3	64QAM	8	4	20.23	20.07	20.02	21.8	3	
3	64QAM	8	7	20.11	20.00	20.05			
3	64QAM	15	0	20.18	20.02	20.09			
Channel				131977	132322	132665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	23.28	23.41	23.78	24.8	0	
1.4	QPSK	1	3	23.29	23.28	23.70			
1.4	QPSK	1	3	23.27	23.34	23.76			
1.4	QPSK	3	0	23.24	23.48	23.71	23.8	1	
1.4	QPSK	3	1	23.24	23.42	23.65			
1.4	QPSK	3	3	23.31	23.44	23.73			
1.4	QPSK	6	0	22.27	22.49	22.72	23.8	1	
1.4	16QAM	1	3	22.25	22.27	22.59			
1.4	16QAM	1	3	22.30	22.35	22.73			
1.4	16QAM	3	3	22.37	22.40	22.30	22.8	2	
1.4	16QAM	3	1	22.57	22.41	22.34			
1.4	16QAM	3	3	22.45	22.31	22.33			
1.4	16QAM	6	0	21.21	21.05	21.03	21.8	2	
1.4	64QAM	1	0	21.24	21.05	21.14			
1.4	64QAM	1	3	21.11	21.06	21.13			
1.4	64QAM	1	5	21.16	21.09	21.10	22.8	2	
1.4	64QAM	1	0	21.38	21.21	21.24			
1.4	64QAM	3	3	21.37	21.20	21.14			
1.4	64QAM	3	3	21.37	21.17	21.27	21.8		
1.4	64QAM	6	0	20.25	20.05	20.06			

Band 66_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572	24.8	0	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	23.56	23.75	24.22			
20	QPSK	1	49	23.53	23.75	24.18			
20	QPSK	1	99	23.50	23.74	24.16	23.8	1	
20	QPSK	50	0	22.63	22.83	23.30			
20	QPSK	50	24	22.60	22.78	23.24			
20	QPSK	50	50	22.56	22.74	23.17			
20	QPSK	100	0	22.61	22.78	23.24	23.8	1	
20	16QAM	1	0	22.95	23.04	23.39			
20	16QAM	1	49	22.92	23.10	23.42			
20	16QAM	1	99	22.77	23.21	23.59			
20	16QAM	50	0	21.64	21.72	22.19	22.8	2	
20	16QAM	50	24	21.61	21.79	22.21			
20	16QAM	50	50	21.57	21.85	22.27			
20	16QAM	100	0	21.61	21.76	22.20			
20	64QAM	1	0	21.84	21.81	22.27	22.8	2	
20	64QAM	1	49	21.71	22.02	22.39			
20	64QAM	1	99	21.67	22.11	22.40			
20	64QAM	50	0	20.63	20.70	21.19			
20	64QAM	50	24	20.60	20.76	21.24	21.8	3	
20	64QAM	50	50	20.54	20.83	21.27			
20	64QAM	100	0	20.60	20.76	21.22			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	24.8 <th colspan="2" rowspan="4">0</th>	0	
15	QPSK	1	0	23.50	23.70	24.08			
15	QPSK	1	37	23.48	23.67	24.07			
15	QPSK	1	74	23.44	23.68	24.05			
15	QPSK	36	0	22.53	22.69	23.25	23.8	1	
15	QPSK	36	20	22.49	22.71	23.16			
15	QPSK	36	39	22.49	22.63	23.06			
15	QPSK	75	0	22.48	22.64	23.13			
15	16QAM	1	0	22.88	22.93	23.28	23.8	1	
15	16QAM	1	37	22.82	23.03	23.36			
15	16QAM	1	74	22.63	23.14	23.54			
15	16QAM	36	0	21.53	21.68	22.06			
15	16QAM	36	20	21.53	21.72	22.06	22.8	2	
15	16QAM	36	39	21.48	21.75	22.12			
15	16QAM	75	0	21.49	21.67	22.07			
15	64QAM	1	0	21.78	21.70	22.20			
15	64QAM	1	37	21.59	21.90	22.31	22.8	2	
15	64QAM	1	74	21.55	22.04	22.29			
15	64QAM	36	0	20.57	20.60	21.06			
15	64QAM	36	20	20.47	20.64	21.16			
15	64QAM	36	39	20.42	20.72	21.14	21.8	3	
15	64QAM	75	0	20.48	20.71	21.12			
Channel				132022	132322	132622			
Frequency (MHz)				1715	1745	1775	24.8 <th colspan="2" rowspan="4">0</th>	0	
10	QPSK	1	0	23.50	23.70	24.08			
10	QPSK	1	25	23.40	23.68	24.12			
10	QPSK	1	49	23.42	23.65	24.06			
10	QPSK	25	0	22.48	22.75	23.23	23.8	1	
10	QPSK	25	12	22.47	22.65	23.10			
10	QPSK	25	25	22.45	22.61	23.04			
10	QPSK	50	0	22.46	22.73	23.15			
10	16QAM	1	0	22.90	22.99	23.26	23.8	1	
10	16QAM	1	25	22.78	23.03	23.27			
10	16QAM	1	49	22.66	23.15	23.53			
10	16QAM	25	0	21.54	21.59	22.11			
10	16QAM	25	12	21.54	21.70	22.09	22.8	2	
10	16QAM	25	25	21.47	21.73	22.17			
10	16QAM	50	0	21.51	21.71	22.15			
10	64QAM	1	0	21.76	21.72	22.13			
10	64QAM	1	25	21.60	21.90	22.34	22.8	2	
10	64QAM	1	49	21.56	22.05	22.32			
10	64QAM	25	0	20.56	20.59	21.13			
10	64QAM	25	12	20.48	20.65	21.17			
10	64QAM	25	25	20.49	20.77	21.21	21.8	3	
10	64QAM	50	0	20.53	20.69	21.17			
Channel				131997	132322	132647			
Frequency (MHz)				1712.5	1745	1777.5	24.8 <th colspan="2" rowspan="4">0</th>	0	
5	QPSK	1	0	23.45	23.64	24.17			
5	QPSK	1	12	23.40	23.63	24.05			
5	QPSK	1	24	23.46	23.63	24.07			
5	QPSK	12	0	22.48	22.78	23.17	23.8	1	
5	QPSK	12	7	22.51	22.65	23.18			
5	QPSK	12	13	22.51	22.64	23.07			
5	QPSK	25	0	22.46	22.68	23.14			
5	16QAM	1	0	22.86	22.99	23.33	23.8	1	
5	16QAM	1	12	22.78	23.01	23.37			
5	16QAM	1	24	22.65	23.07	23.49			
5	16QAM	12	0	21.51	21.57	22.13			
5	16QAM	12	7	21.56	21.69	22.12	22.8	2	
5	16QAM	12	13	21.44	21.72	22.14			
5	16QAM	25	0	21.54	21.63	22.06			
5	64QAM	1	0	21.74	21.75	22.15			
5	64QAM	1	12	21.64	21.88	22.25	22.8	2	
5	64QAM	1	24	21.62	21.98	22.26			
5	64QAM	12	0	20.53	20.60	21.14			
5	64QAM	12	7	20.53	20.66	21.17			
5	64QAM	12	13	20.49	20.76	21.15	21.8	3	
5	64QAM	25	0	20.49	20.70	21.15			
Channel				131987	132322	132657			
Frequency (MHz)				1711.5	1745	1778.5	24.8 <th colspan="2" rowspan="4">0</th>	0	
3	QPSK	1	0	23.50	23.65	24.09			
3	QPSK	1	8	23.41	23.67	24.03			
3	QPSK	1	14	23.42	23.61	24.07			
3	QPSK	8	0	22.54	22.68	23.22	23.8	1	
3	QPSK	8	4	22.53	22.67	23.15			
3	QPSK	8	7	22.43	22.63	23.11			
3	QPSK	15	0	22.48	22.67	23.13			
3	16QAM	1	0	22.83	22.99	23.31	23.8	1	
3	16QAM	1	8	22.81	23.02	23.32			
3	16QAM	1	14	22.64	23.12	23.53			
3	16QAM	8	0	21.53	21.65	22.13			
3	16QAM	8	4	21.53	21.72	22.14	22.8	2	
3	16QAM	8	7	21.42	21.73	22.17			
3	16QAM	15	0	21.50	21.61	22.11			
3	64QAM	1	0	21.71	21.72	22.13			
3	64QAM	1	8	21.65	21.88	22.34	22.8	2	
3	64QAM	1	14	21.57	22.02	22.29			
3	64QAM	8	0	20.53	20.59	21.11			
3	64QAM	8	4	20.48	20.61	21.11			
3	64QAM	8	7	20.42	20.77	21.12	21.8	3	
3	64QAM	15	0	20.50	20.62	21.11			
Channel				131979	132322	132685			
Frequency (MHz)				1710.7	1745	1779.3	24.8 <th colspan="2" rowspan="4">0</th>	0	
1.4	QPSK	1	0	23.50	23.68	24.17			
1.4	QPSK	1	3	23.41	23.68	24.04			
1.4	QPSK	1	5	23.41	23.61	24.07			
1.4	QPSK	3	0	23.48	23.62	24.13	23.8	1	
1.4	QPSK	3	1	23.45	23.53	24.00			
1.4	QPSK	3	3	23.49	23.49	24.00			
1.4	QPSK	6	0	22.47	22.73	23.15			
1.4	16QAM	1	0	22.87	22.89	23.32	23.8	1	
1.4	16QAM	1	3	22.80	22.97	23.28			
1.4	16QAM	1	5	22.67	23.07	23.52			
1.4	16QAM	3	0	22.73	22.77	23.22			
1.4	16QAM	3	1	22.69	22.87	23.24	22.8	2	
1.4	16QAM	3	3	22.65	22.92	23.52			
1.4	16QAM	6	0	21.55	21.63	22.06			
1.4	64QAM	1	0	21.78	21.68	22.20			
1.4	64QAM	1	3	21.63	21.95	22.34	22.8	2	
1.4	64QAM	1	5	21.55	21.99	22.35			
1.4	64QAM	1	7	21.67	21.63	22.18			
1.4	64QAM	3	1	21.50	21.91	23.22			
1.4	64QAM	3	3	21.51	21.90	22.20	21.8	3	
1.4	64QAM	6	0	20.53	20.70	21.07			

Band 38_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.75	23.80	23.77	24.5	0	
20	QPSK	1	49	23.71	23.76	23.69			
20	QPSK	1	99	23.74	23.74	23.75	23.5	1	
20	QPSK	50	0	22.83	22.85	22.83			
20	QPSK	50	24	22.72	22.71	22.70	23.5	1	
20	QPSK	50	50	22.74	22.77	22.78			
20	QPSK	100	0	22.81	22.84	22.82	23.5	1	
20	16QAM	1	0	22.91	22.88	22.88			
20	16QAM	1	49	22.99	22.99	22.93	23.5	1	
20	16QAM	1	99	23.01	22.95	23.07			
20	16QAM	50	0	21.82	21.83	21.82	22.5	2	
20	16QAM	50	24	21.89	21.85	21.86			
20	16QAM	50	50	21.91	21.88	21.94	22.5	2	
20	16QAM	100	0	21.75	21.76	21.74			
20	16QAM	1	0	21.75	21.77	21.74	21.5	3	
20	16QAM	1	49	21.81	21.77	21.81			
20	16QAM	1	99	21.87	21.82	21.97	21.5	3	
20	16QAM	50	24	20.86	20.81	20.87			
20	16QAM	50	50	20.91	20.85	20.94	21.5	3	
20	16QAM	100	0	20.86	20.85	20.87			
Channel				37825	38000	38175	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	23.68	23.72	23.69	24.5	0	
15	QPSK	1	37	23.62	23.63	23.54			
15	QPSK	1	74	23.67	23.65	23.61	23.5	1	
15	QPSK	36	0	22.74	22.70	22.68			
15	QPSK	36	20	22.68	22.65	22.58	23.5	1	
15	QPSK	36	39	22.67	22.70	22.71			
15	QPSK	75	0	22.66	22.71	22.68	23.5	1	
15	16QAM	1	0	22.76	22.81	22.74			
15	16QAM	1	37	22.66	22.69	22.85	22.5	2	
15	16QAM	1	74	22.96	22.84	22.94			
15	16QAM	36	0	21.76	21.75	21.73	22.5	2	
15	16QAM	36	20	21.78	21.78	21.71			
15	16QAM	36	39	21.86	21.80	21.87	22.5	2	
15	16QAM	75	0	21.77	21.74	21.74			
15	16QAM	1	0	21.65	21.69	21.65	22.5	2	
15	16QAM	1	37	21.76	21.68	21.73			
15	16QAM	1	74	21.77	21.73	21.89	21.5	3	
15	16QAM	36	0	20.72	20.75	20.68			
15	16QAM	36	20	20.76	20.71	20.77	21.5	3	
15	16QAM	36	39	20.76	20.72	20.80			
15	16QAM	75	0	20.75	20.75	20.75	21.5	3	
15	16QAM	100	0	20.75	20.75	20.75			
Channel				37800	38000	38200	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	23.65	23.69	23.68	24.5	0	
10	QPSK	1	25	23.62	23.68	23.64			
10	QPSK	1	49	23.62	23.65	23.56	23.5	1	
10	QPSK	25	0	22.69	22.71	22.72			
10	QPSK	25	12	22.60	22.60	22.63	23.5	1	
10	QPSK	25	25	22.67	22.71	22.66			
10	QPSK	50	0	22.73	22.79	22.69	23.5	1	
10	16QAM	1	0	22.81	22.76	22.80			
10	16QAM	1	25	22.94	22.92	22.84	22.5	2	
10	16QAM	1	49	22.90	22.83	22.96			
10	16QAM	25	0	21.71	21.74	21.71	21.5	3	
10	16QAM	25	12	21.62	21.77	21.78			
10	16QAM	25	25	21.62	21.74	21.86	22.5	2	
10	16QAM	50	0	21.82	21.71	21.82			
10	16QAM	1	0	21.62	21.69	21.66	22.5	2	
10	16QAM	1	25	21.70	21.69	21.71			
10	16QAM	1	49	21.76	21.69	21.68	21.5	3	
10	16QAM	25	0	20.76	20.71	20.72			
10	16QAM	25	12	20.76	20.69	20.74	21.5	3	
10	16QAM	25	25	20.76	20.78	20.86			
10	16QAM	50	0	20.71	20.73	20.73	21.5	3	
10	16QAM	100	0	20.71	20.73	20.73			
Channel				37775	38000	38225	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	23.65	23.75	23.63	24.5	0	
5	QPSK	1	12	23.62	23.67	23.58			
5	QPSK	1	24	23.66	23.63	23.61	23.5	1	
5	QPSK	12	0	22.76	22.75	22.73			
5	QPSK	12	7	22.63	22.65	22.55	23.5	1	
5	QPSK	12	13	22.61	22.70	22.73			
5	QPSK	25	0	22.74	22.72	22.75	23.5	1	
5	16QAM	1	0	22.82	22.78	22.74			
5	16QAM	1	12	22.92	22.93	22.84	22.5	2	
5	16QAM	1	24	22.95	22.83	23.01			
5	16QAM	12	0	21.77	21.69	21.71	21.5	3	
5	16QAM	12	7	21.77	21.72	21.77			
5	16QAM	12	13	21.83	21.81	21.82	22.5	2	
5	16QAM	25	0	21.82	21.79	21.78			
5	16QAM	1	0	21.67	21.68	21.66	22.5	2	
5	16QAM	1	12	21.73	21.68	21.68			
5	16QAM	1	24	21.77	21.76	21.92	21.5	3	
5	16QAM	12	0	20.78	20.75	20.71			
5	16QAM	12	7	20.79	20.67	20.72	21.5	3	
5	16QAM	12	13	20.84	20.79	20.85			
5	16QAM	25	0	20.75	20.79	20.79	21.5	3	
5	16QAM	100	0	20.75	20.79	20.79			

Band 38_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.03	23.14	23.05	24	0	
20	QPSK	1	49	23.01	23.10	23.04			
20	QPSK	1	99	22.96	23.06	23.03			
20	QPSK	50	0	22.04	22.15	22.14	23	1	
20	QPSK	50	24	21.84	22.05	22.07			
20	QPSK	50	50	22.01	22.02	22.00			
20	QPSK	100	0	21.99	22.05	22.03	23	1	
20	16QAM	1	0	22.02	22.01	21.91			
20	16QAM	1	49	22.08	22.20	22.16			
20	16QAM	1	99	22.19	22.16	22.25	22	2	
20	16QAM	50	0	20.91	20.97	21.01			
20	16QAM	50	24	20.99	21.05	20.99			
20	16QAM	50	50	21.10	21.10	21.12	22	2	
20	16QAM	100	0	21.00	21.02	20.99			
20	16QAM	1	0	20.85	20.93	20.85			
20	16QAM	1	49	20.93	21.02	20.90	22	2	
20	16QAM	1	99	20.95	21.01	20.97			
20	16QAM	50	0	19.84	20.01	19.84			
20	16QAM	50	24	20.03	20.06	19.96	21	3	
20	16QAM	50	50	20.01	20.09	20.10			
20	16QAM	100	0	20.04	20.02	19.88			
Channel				37850	38000	38150			
Frequency (MHz)				25772 <th>2595<th>26175<th>Turn-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th></th>	2595 <th>26175<th>Turn-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	26175 <th>Turn-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	Turn-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	22.97	23.07	22.98	24	0	
15	QPSK	1	37	22.93	23.05	22.99			
15	QPSK	1	74	22.87	22.91	22.89			
15	QPSK	36	0	21.99	22.05	22.04	23	1	
15	QPSK	36	18	21.84	21.90	21.90			
15	QPSK	36	39	21.95	21.88	21.90			
15	QPSK	75	0	21.93	22.00	21.89	23	1	
15	16QAM	1	0	21.92	21.92	21.83			
15	16QAM	1	37	21.97	22.07	21.97			
15	16QAM	1	74	22.10	22.04	22.10	23	1	
15	16QAM	36	0	20.77	20.85	20.96			
15	16QAM	36	20	20.93	20.98	20.97			
15	16QAM	36	39	21.00	21.05	20.99	22	2	
15	16QAM	75	0	20.88	20.97	20.89			
15	16QAM	1	0	20.74	20.83	20.80			
15	16QAM	1	37	20.83	20.92	20.82	22	2	
15	16QAM	1	74	20.81	20.90	20.82			
15	16QAM	36	0	19.84	19.98	19.84			
15	16QAM	36	20	19.95	19.91	19.88	21	3	
15	16QAM	36	39	19.86	19.95	19.98			
15	16QAM	75	0	19.96	19.96	19.88			
Channel				37850	38000	38150	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				25772 <th>2595<th>26175<th>24<td colspan="2"></td></th></th></th>	2595 <th>26175<th>24<td colspan="2"></td></th></th>	26175 <th>24<td colspan="2"></td></th>	24 <td colspan="2"></td>		
10	QPSK	1	0	22.96	22.99	23.00	24	0	
10	QPSK	1	25	22.94	23.03	22.99			
10	QPSK	1	49	22.83	22.93	22.94			
10	QPSK	75	0	21.97	22.05	21.96	23	1	
10	QPSK	25	12	21.85	21.95	21.92			
10	QPSK	25	25	21.93	21.88	21.92			
10	QPSK	50	0	21.90	21.92	21.89	23	1	
10	16QAM	1	0	21.88	21.91	21.83			
10	16QAM	1	25	22.02	22.06	22.03			
10	16QAM	1	49	22.13	22.02	22.16	22	2	
10	16QAM	25	0	20.85	20.89	20.89			
10	16QAM	25	12	20.83	20.90	20.89			
10	16QAM	25	25	21.10	21.09	21.00	22	2	
10	16QAM	50	0	20.90	20.93	20.89			
10	16QAM	1	0	20.74	20.88	20.70			
10	16QAM	1	25	20.82	20.89	20.83	22	2	
10	16QAM	1	49	20.98	21.09	20.95			
10	16QAM	25	0	19.84	19.96	19.87			
10	16QAM	25	12	19.96	19.99	19.93	21	3	
10	16QAM	25	25	19.89	19.98	20.03			
10	16QAM	50	0	19.96	19.96	19.82			
Channel				37772 <th>38000<th>38222<th>Turn-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th></th>	38000 <th>38222<th>Turn-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	38222 <th>Turn-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				25720 <th>2595<th>26175<th>24<td colspan="2"></td></th></th></th>	2595 <th>26175<th>24<td colspan="2"></td></th></th>	26175 <th>24<td colspan="2"></td></th>	24 <td colspan="2"></td>		
5	QPSK	1	0	22.94	23.06	22.96	24	0	
5	QPSK	1	12	22.91	23.08	22.96			
5	QPSK	1	24	22.87	22.93	22.89			
5	QPSK	12	0	21.95	22.04	21.95	23	1	
5	QPSK	12	7	21.79	21.95	21.99			
5	QPSK	12	13	21.91	21.90	21.87			
5	QPSK	25	0	21.85	21.83	21.91	23	1	
5	16QAM	1	0	21.90	21.89	21.85			
5	16QAM	1	12	21.98	22.10	22.04			
5	16QAM	1	24	22.13	22.06	22.20	23	1	
5	16QAM	12	0	20.84	20.88	20.88			
5	16QAM	12	7	20.87	20.98	20.91			
5	16QAM	12	13	21.03	21.04	20.98	22	2	
5	16QAM	25	0	20.86	20.96	20.86			
5	16QAM	25	0	20.75	20.84	20.77			
5	16QAM	12	0	20.78	20.88	20.83	22	2	
5	16QAM	12	7	20.86	20.94	20.86			
5	16QAM	12	0	19.79	19.86	19.87			
5	16QAM	12	7	19.95	19.96	19.98	21	3	
5	16QAM	12	13	19.92	19.95	19.98			
5	16QAM	25	0	19.89	19.98	19.95			

Band 41_Ant 3												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power Low High Ch. / Freq	Power High Ch. / Freq	Power High Ch. / Freq	Time-up limit (dBm)	MPR (dB)		
Channel												
Frequency (MHz)												
20	QPSK	1	0	23.62	23.55	23.55	23.45	23.39	24.5	0		
20	QPSK	1	49	23.77	23.48	23.47	23.43	23.49				
20	QPSK	1	99	23.77	23.41	23.41	23.34	23.39	23.5	1		
20	QPSK	50	0	22.79	22.53	22.49	22.43	22.52				
20	QPSK	50	24	22.77	22.47	22.42	22.41	22.45	23.5	1		
20	QPSK	50	50	22.72	22.37	22.36	22.33	22.39				
20	QPSK	100	0	22.78	22.44	22.43	22.40	22.43	23.5	1		
20	16QAM	1	0	22.78	22.41	22.48	22.43	22.50				
20	16QAM	1	49	22.80	22.47	22.46	22.46	22.48	22.5	2		
20	16QAM	1	99	22.95	22.57	22.58	22.53	22.55				
20	16QAM	50	0	21.70	21.43	21.39	21.35	21.45	22.5	2		
20	16QAM	50	24	21.76	21.47	21.44	21.41	21.48				
20	16QAM	50	50	21.81	21.46	21.45	21.44	21.52	21.5	3		
20	16QAM	100	0	21.78	21.47	21.42	21.39	21.45				
20	8QAM	1	0	21.48	21.11	21.11	21.02	21.14	22.5	2		
20	8QAM	1	49	21.46	21.18	21.15	21.12	21.15				
20	8QAM	1	99	21.59	21.27	21.20	21.19	21.26	21.5	3		
20	8QAM	50	0	20.67	20.44	20.37	20.33	20.41				
20	8QAM	50	24	20.73	20.44	20.43	20.37	20.43	21.5	3		
20	8QAM	50	50	20.81	20.47	20.45	20.45	20.48				
20	8QAM	100	0	20.74	20.46	20.41	20.41	20.44	21.5	3		
Channel												
Frequency (MHz)												
15	QPSK	1	0	23.68	23.45	23.49	23.44	23.44	24.5	0		
15	QPSK	1	37	23.71	23.41	23.38	23.32	23.46				
15	QPSK	1	74	23.69	23.26	23.23	23.27	23.33	23.5	1		
15	QPSK	36	0	22.74	22.45	22.39	22.30	22.44				
15	QPSK	36	20	22.66	22.38	22.33	22.24	22.31	23.5	1		
15	QPSK	36	39	22.67	22.32	22.21	22.23	22.30				
15	QPSK	75	0	22.68	22.35	22.38	22.27	22.35	23.5	1		
15	16QAM	1	0	22.73	22.34	22.40	22.32	22.47				
15	16QAM	1	37	22.75	22.33	22.41	22.32	22.34	22.5	2		
15	16QAM	1	74	22.88	22.42	22.32	22.39	22.43				
15	16QAM	36	0	21.55	21.34	21.30	21.33	21.32	21.5	3		
15	16QAM	36	20	21.67	21.35	21.29	21.35	21.42				
15	16QAM	36	39	21.73	21.40	21.40	21.30	21.41	22.5	2		
15	16QAM	75	0	21.68	21.32	21.31	21.23	21.35				
15	8QAM	1	0	21.38	21.06	21.05	21.00	21.10	21.5	3		
15	8QAM	1	37	21.32	21.09	21.02	21.00	21.09				
15	8QAM	1	74	21.50	21.13	21.07	21.18	21.22	21.5	3		
15	8QAM	36	0	20.68	20.35	20.32	20.30	20.38				
15	8QAM	36	20	20.58	20.39	20.38	20.27	20.34	21.5	3		
15	8QAM	36	39	20.74	20.40	20.30	20.42	20.37				
15	8QAM	75	0	20.61	20.40	20.32	20.28	20.34	21.5	3		
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.68	23.49	23.42	23.30	23.58	24.5	0		
10	QPSK	1	25	23.66	23.33	23.39	23.39	23.46				
10	QPSK	1	49	23.64	23.34	23.20	23.23	23.32	23.5	1		
10	QPSK	25	0	22.64	22.39	22.42	22.37	22.51				
10	QPSK	25	12	22.69	22.41	22.34	22.29	22.44	23.5	1		
10	QPSK	25	25	22.66	22.31	22.29	22.19	22.33				
10	QPSK	50	0	22.68	22.34	22.30	22.25	22.35	23.5	1		
10	16QAM	1	0	22.71	22.28	22.34	22.25	22.42				
10	16QAM	1	25	22.75	22.33	22.40	22.34	22.35	22.5	2		
10	16QAM	1	49	22.80	22.44	22.45	22.51	22.40				
10	16QAM	25	0	21.63	21.29	21.28	21.28	21.30	21.5	3		
10	16QAM	25	12	21.61	21.40	21.29	21.38	21.31				
10	16QAM	25	25	21.70	21.36	21.34	21.44	21.39	22.5	2		
10	16QAM	50	0	21.71	21.37	21.31	21.30	21.45				
10	8QAM	1	0	21.37	21.03	21.03	21.06	21.11	21.5	3		
10	8QAM	1	25	21.34	21.05	21.06	21.03	21.04				
10	8QAM	1	49	21.47	21.22	21.08	21.15	21.14	22.5	2		
10	8QAM	25	0	20.58	20.35	20.30	20.26	20.32				
10	8QAM	25	12	20.65	20.33	20.35	20.23	20.41	21.5	3		
10	8QAM	25	25	20.76	20.34	20.33	20.40	20.41				
10	8QAM	50	0	20.68	20.31	20.26	20.32	20.39	21.5	3		
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.73	23.49	23.44	23.30	23.59	24.5	0		
5	QPSK	1	12	23.66	23.38	23.40	23.28	23.59				
5	QPSK	1	24	23.69	23.34	23.26	23.32	23.31	23.5	1		
5	QPSK	12	0	22.67	22.45	22.34	22.34	22.52				
5	QPSK	12	7	22.64	22.33	22.27	22.26	22.43	23.5	1		
5	QPSK	12	13	22.63	22.27	22.31	22.32	22.25				
5	QPSK	25	0	22.70	22.33	22.31	22.28	22.28	23.5	1		
5	16QAM	1	0	22.64	22.35	22.40	22.33	22.45				
5	16QAM	1	12	22.65	22.36	22.43	22.45	22.39	22.5	2		
5	16QAM	1	24	22.80	22.42	22.43	22.38	22.53				
5	16QAM	12	0	21.65	21.35	21.26	21.22	21.41	21.5	3		
5	16QAM	12	7	21.68	21.34	21.30	21.30	21.39				
5	16QAM	12	13	21.73	21.34	21.38	21.31	21.49	22.5	2		
5	16QAM	25	0	21.69	21.35	21.27	21.27	21.32				
5	8QAM	1	0	21.36	21.09	21.04	21.08	21.12	21.5	3		
5	8QAM	1	12	21.31	21.06	21.03	21.01	21.11				
5	8QAM	1	24	21.52	21.18	21.10	21.17	21.11	22.5	2		
5	8QAM	12	0	20.56	20.37	20.25	20.23	20.36				
5	8QAM	12	7	20.65	20.30	20.31	20.31	20.43	21.5	3		
5	8QAM	12	13	20.66	20.33	20.37	20.31	20.38				
5	8QAM	25	0	20.66	20.34	20.33	20.33	20.35	21.5	3		
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.11	23.02	23.08	23.04	23.13	24	0		
5	QPSK	1	12	23.06	23.09	23.06	23.06	23.10				
5	QPSK	1	24	23.08	23.08	23.09	23.07	23.07	23	1		
5	QPSK	12	0	22.08	22.05	22.02	22.15	22.01				
5	QPSK	12	7	22.08	22.08	22.07	22.03	22.07	23	1		
5	QPSK	12	13	22.08	22.02	22.02	22.01	22.08				
5	QPSK	25	0	22.05	22.05	22.04	22.01	22.03	23	1		
5	16QAM	1	0	22.02	22.07	22.05	22.09	22.09				
5	16QAM	1	12	22.19	22.10	22.04	22.02	22.14	22	2		
5	16QAM	1	24	22.35	22.25	22.11	22.18	22.16				
5	16QAM	12	0	21.04	21.01	21.07	21.08	21.05	22	2		
5	16QAM	12	7	21.07	21.03	21.01	21.05	21.13				
5	16QAM	12	13	21.23	21.11	21.03	21.02	21.13	22	2		
5	16QAM	25	0	21.11	21.01	21.01	21.04	21.02				
5	8QAM	1	0	21.02	21.09	21.05	21.07	21.06	21	3		
5	8QAM	1	12	21.04	21.01	21.05	21.03	21.13				
5	8QAM	1	24	21.10	21.05	21.05	21.08	21.13	21	3		
5	8QAM	12	0	20.08	20.20	20.07	2					

Reduced Power Mode for ECI 1

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.89	32.62	32.83	34.00	23.89	23.62	23.83	25.00
GPRS 1 Tx slot	32.87	32.60	32.81	34.00	23.87	23.60	23.81	25.00
GPRS 2 Tx slots	32.04	31.82	32.01	33.00	26.04	25.82	26.01	27.00
GPRS 3 Tx slots	30.43	30.18	30.40	31.00	26.17	25.92	26.14	26.74
GPRS 4 Tx slots	29.54	29.24	29.47	30.00	26.54	26.24	26.47	27.00
EDGE(GMSK 1 Tx slot)	32.84	32.56	32.83	34.00	23.84	23.56	23.83	25.00
EDGE(GMSK 2 Tx slot)	32.02	31.83	31.97	33.00	26.02	25.83	25.97	27.00
EDGE(GMSK 3 Tx slot)	30.40	30.13	30.37	31.00	26.14	25.87	26.11	26.74
EDGE(GMSK 4 Tx slot)	29.55	29.22	29.41	30.00	26.55	26.22	26.41	27.00
EDGE(8PSK 1 Tx slot)	26.51	26.52	26.52	27.50	17.51	17.52	17.52	18.50
EDGE(8PSK 2 Tx slot)	25.31	25.39	25.29	26.50	19.31	19.39	19.29	20.50
EDGE(8PSK 3 Tx slot)	23.19	23.30	23.21	24.50	18.93	19.04	18.95	20.24
EDGE(8PSK 4 Tx slot)	22.09	22.20	22.13	23.50	19.09	19.20	19.13	20.50

GSM1900_Ant 3	Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)				Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810		512	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8		1850.2	
GSM 1 Tx slot	30.21	30.25	30.33	31.00	21.21	21.25	21.33	21.00	21.21	
GPRS 1 Tx slot	30.19	30.22	30.29	31.00	21.19	21.22	21.29	21.00	21.19	
GPRS 2 Tx slots	29.33	29.29	29.41	30.00	23.33	23.29	23.41	23.00	23.33	
GPRS 3 Tx slots	27.31	27.27	27.42	28.00	23.05	23.01	23.16	23.00	23.05	
GPRS 4 Tx slots	26.12	26.11	26.22	27.00	23.12	23.11	23.22	23.00	23.12	
EDGE(GMSK 1 Tx slot)	30.22	30.23	30.31	31.00	21.22	21.23	21.31	21.00	21.22	
EDGE(GMSK 2 Tx slot)	29.31	29.34	29.44	30.00	23.31	23.34	23.44	23.00	23.31	
EDGE(GMSK 3 Tx slot)	27.30	27.32	27.43	28.00	23.04	23.06	23.17	23.00	23.04	
EDGE(GMSK 4 Tx slot)	26.12	26.13	26.25	27.00	23.12	23.13	23.25	23.00	23.12	
EDGE(8PSK 1 Tx slot)	25.34	25.30	25.32	26.50	19.34	19.30	19.32	19.00	19.34	
EDGE(8PSK 2 Tx slot)	24.27	24.15	24.24	25.50	18.27	18.15	18.24	18.00	18.27	
EDGE(8PSK 3 Tx slot)	22.05	22.00	22.02	23.50	17.79	17.74	17.78	17.50	17.79	
EDGE(8PSK 4 Tx slot)	20.00	20.78	20.86	22.50	17.90	17.78	17.86	17.50	17.90	

Band	WCDMA II_Ant 3				Tune-up Limit (dBm)	WCDMA II_Ant 1				Tune-up Limit (dBm)
	TX Channel	9262	9400	9538		9262	9400	9538		
	Rx Channel	9662	9800	9938		9662	9800	9938		
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6		
3GPP Rel 99	AMR 12.2Kbps	23.08	22.78	22.56	23.50	20.81	20.56	20.33	21.00	
3GPP Rel 99	RMC 12.2Kbps	23.10	22.80	22.58	23.50	20.83	20.58	20.35	21.00	
3GPP Rel 6	HSDPA Subtest-1	22.13	21.72	21.45	22.50	19.90	19.57	19.34	20.00	
3GPP Rel 6	HSDPA Subtest-2	22.08	21.70	21.49	22.50	19.90	19.44	19.40	20.00	
3GPP Rel 6	HSDPA Subtest-3	21.63	21.30	21.07	22.00	19.39	19.09	18.90	19.50	
3GPP Rel 6	HSDPA Subtest-4	21.53	21.19	21.12	22.00	19.36	19.01	18.87	19.50	
3GPP Rel 6	DC-HSDPA Subtest-1	22.00	21.63	21.55	22.50	19.85	19.39	19.23	20.00	
3GPP Rel 6	DC-HSDPA Subtest-2	22.06	21.53	21.58	22.50	19.85	19.48	19.14	20.00	
3GPP Rel 6	DC-HSDPA Subtest-3	21.47	21.11	21.14	22.00	19.35	18.99	18.83	19.50	
3GPP Rel 6	DC-HSDPA Subtest-4	21.46	21.14	20.95	22.00	19.37	18.97	18.77	19.50	
3GPP Rel 6	HSUPA Subtest-1	19.97	19.78	19.63	20.50	17.84	17.56	17.35	18.00	
3GPP Rel 6	HSUPA Subtest-2	20.10	19.86	19.52	20.50	17.75	17.57	17.38	18.00	
3GPP Rel 6	HSUPA Subtest-3	21.08	20.79	20.53	21.50	18.82	18.50	18.38	19.00	
3GPP Rel 6	HSUPA Subtest-4	19.63	19.40	19.00	20.00	17.36	16.95	16.88	17.50	
3GPP Rel 6	HSUPA Subtest-5	21.18	20.75	20.53	21.50	18.79	18.51	18.37	19.00	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.59	19.48	19.54	21.00	17.30	17.34	17.22	18.50	

Band	WCDMA V_Ant 0				Tune-up Limit (dBm)	WCDMA V_Ant 1				Tune-up Limit (dBm)
	TX Channel					TX Channel				
	Rx Channel					Rx Channel				
	Frequency (MHz)					Frequency (MHz)				
	4132	4182	4233		4132	4182	4233			
	4357	4407	4458		4357	4407	4458			
	826.4	836.4	846.6		826.4	836.4	846.6			
3GPP Rel 99	AMR 12.2Kbps	24.01	24.06	23.94	25.00	23.65	23.70	23.58	24.50	
3GPP Rel 99	RMC 12.2Kbps	24.02	24.08	23.96	25.00	23.66	23.72	23.61	24.50	
3GPP Rel 6	HSDPA Subtest-1	23.05	23.07	22.94	24.00	22.79	22.86	22.71	23.50	
3GPP Rel 6	HSDPA Subtest-2	23.03	23.07	22.96	24.00	22.81	22.88	22.71	23.50	
3GPP Rel 6	HSDPA Subtest-3	22.56	22.57	22.52	23.50	22.31	22.43	22.26	23.00	
3GPP Rel 6	HSDPA Subtest-4	22.53	22.59	22.47	23.50	22.29	22.37	22.24	23.00	
3GPP Rel 6	DC-HSDPA Subtest-1	23.03	23.05	22.82	24.00	22.75	22.81	22.59	23.50	
3GPP Rel 6	DC-HSDPA Subtest-2	23.02	23.02	22.88	24.00	22.77	22.73	22.63	23.50	
3GPP Rel 6	DC-HSDPA Subtest-3	22.52	22.53	22.39	23.50	22.25	22.38	22.23	23.00	
3GPP Rel 6	DC-HSDPA Subtest-4	22.55	22.58	22.37	23.50	22.15	22.25	22.22	23.00	
3GPP Rel 6	HSUPA Subtest-1	21.05	21.07	20.96	22.00	20.76	20.84	20.70	21.50	
3GPP Rel 6	HSUPA Subtest-2	20.98	21.07	20.95	22.00	20.80	20.85	20.72	21.50	
3GPP Rel 6	HSUPA Subtest-3	22.02	22.10	21.98	23.00	21.78	21.84	21.72	22.50	
3GPP Rel 6	HSUPA Subtest-4	20.54	20.63	20.49	21.50	20.30	20.38	20.24	21.00	
3GPP Rel 6	HSUPA Subtest-5	22.00	22.10	22.00	23.00	21.80	21.90	21.70	22.50	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.82	20.89	20.88	22.50	20.47	20.62	20.58	22.00	

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	TX Channel	128	189		251	128	189		251
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.68	32.34	32.62	33.50	23.68	23.34	23.62	24.50
GPRS 1 Tx slot		32.66	32.30	32.61	33.50	23.66	23.30	23.61	24.50
GPRS 2 Tx slots		31.76	31.44	31.71	32.50	25.76	25.44	25.71	26.50
GPRS 3 Tx slots		30.03	29.71	30.02	30.50	25.77	25.45	25.76	26.24
GPRS 4 Tx slots		29.08	28.80	29.09	29.50	26.08	25.80	26.09	26.50
EDGE(GMSK 1 Tx slot)		32.64	32.31	32.54	33.50	23.64	23.31	23.54	24.50
EDGE(GMSK 2 Tx slot)		31.74	31.45	31.69	32.50	25.74	25.45	25.69	26.50
EDGE(GMSK 3 Tx slot)		30.03	29.67	29.97	30.50	25.77	25.41	25.71	26.24
EDGE(GMSK 4 Tx slot)		29.09	28.74	29.03	29.50	26.09	25.74	26.03	26.50
EDGE(8PSK 1 Tx slot)		25.75	25.78	25.70	27.00	16.75	16.78	16.70	18.00
EDGE(8PSK 2 Tx slot)		24.71	24.72	24.61	26.00	18.71	18.72	18.61	20.00
EDGE(8PSK 3 Tx slot)		22.64	22.59	22.49	24.00	18.38	18.33	18.23	19.74
EDGE(8PSK 4 Tx slot)		21.40	21.58	21.38	23.00	18.40	18.58	18.38	20.00

GSM1900_Ant 1	Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)				Tune-up Limit (dBm)
	TX Channel	512	661	810		512	661	810		
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8		
GSM 1 Tx slot		27.32	27.35	27.38	27.50	18.32	18.35	18.38	18.50	
GPRS 1 Tx slot		27.30	27.33	27.35	27.50	18.30	18.33	18.35	18.50	
GPRS 2 Tx slots		23.98	24.01	24.11	24.50	17.98	18.01	18.11	18.50	
GPRS 3 Tx slots		22.06	22.11	22.20	22.50	17.80	17.85	17.94	18.24	
GPRS 4 Tx slots		20.72	20.82	20.80	21.80	17.72	17.82	17.80	18.50	
EDGE(GMSK 1 Tx slot)		27.24	27.23	27.29	27.50	18.24	18.23	18.29	18.50	
EDGE(GMSK 2 Tx slot)		23.86	23.97	24.10	24.50	17.86	17.97	18.10	18.50	
EDGE(GMSK 3 Tx slot)		21.95	22.02	22.16	22.50	17.69	17.76	17.90	18.24	
EDGE(GMSK 4 Tx slot)		20.59	20.72	20.68	21.50	17.59	17.72	17.68	18.50	
EDGE(8PSK 1 Tx slot)		25.00	25.07	25.20	26.00	16.00	16.07	16.20	17.00	
EDGE(8PSK 2 Tx slot)		23.05	23.11	23.21	24.00	17.05	17.11	17.21	18.00	
EDGE(8PSK 3 Tx slot)		20.78	20.83	20.95	22.00	16.52	16.57	16.69	17.74	
EDGE(8PSK 4 Tx slot)		19.20	19.21	19.32	20.50	16.20	16.21	16.32	17.50	

Band	WCDMA IV_Ant 3				Tune-up Limit (dBm)	WCDMA IV_Ant 1				Tune-up Limit (dBm)
	TX Channel	1312	1413	1513		1312	1413	1513		
	Rx Channel	1537	1638	1738		1537	1638	1738		
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6		
3GPP Rel 99	AMR 12.2Kbps	22.35	22.39	22.43	23.50	21.73	21.68	21.91	23.00	
3GPP Rel 99	RMC 12.2Kbps	22.37	22.40	22.45	23.50	21.75	21.70	21.93	23.00	
3GPP Rel 6	HSDPA Subtest-1	21.23	21.43	21.57	22.50	20.99	21.16	21.30	22.00	
3GPP Rel 6	HSDPA Subtest-2	21.22	21.48	21.58	22.50	20.97	21.11	21.31	22.00	
3GPP Rel 6	HSDPA Subtest-3	20.79	20.94	21.16	22.00	20.44	20.57	20.75	21.50	
3GPP Rel 6	HSDPA Subtest-4	20.71	20.98	21.19	22.00	20.48	20.64	20.89	21.50	
3GPP Rel 8	DC-HSDPA Subtest-1	21.22	21.51	21.49	22.50	20.85	20.98	21.23	22.00	
3GPP Rel 8	DC-HSDPA Subtest-2	21.04	21.43	21.45	22.50	20.86	21.07	21.32	22.00	
3GPP Rel 8	DC-HSDPA Subtest-3	20.63	21.02	21.00	22.00	20.49	20.45	20.85	21.50	
3GPP Rel 8	DC-HSDPA Subtest-4	20.65	20.97	20.92	22.00	20.33	20.46	20.70	21.50	
3GPP Rel 6	HSUPA Subtest-1	19.28	19.48	19.63	20.50	19.02	19.13	19.22	20.00	
3GPP Rel 6	HSUPA Subtest-2	19.13	19.53	19.55	20.50	18.99	19.09	19.41	20.00	
3GPP Rel 6	HSUPA Subtest-3	20.17	20.46	20.62	21.50	19.99	20.17	20.36	21.00	
3GPP Rel 6	HSUPA Subtest-4	18.75	19.03	19.10	20.00	18.51	18.53	18.82	20.50	
3GPP Rel 6	HSUPA Subtest-5	20.27	20.56	20.49	21.50	20.08	20.06	20.36	21.00	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.19	19.24	19.23	21.00	19.17	19.27	19.28	20.50	

Band 2_Ant 3										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	23.44	23.50	23.29	24.2	0		
20	QPSK	1	49	22.77	23.34	23.22				
20	QPSK	1	99	23.02	23.08	23.13				
20	QPSK	50	0	22.39	22.48	22.25	23.2	1		
20	QPSK	50	24	22.00	22.22	22.11				
20	QPSK	50	50	21.93	21.98	22.01				
20	QPSK	100	0	22.14	22.15	22.01	23.2	1		
20	16QAM	1	0	22.76	22.42	22.57				
20	16QAM	1	49	22.07	22.56	22.44				
20	16QAM	1	99	22.34	22.40	22.42	22.2	2		
20	16QAM	50	0	21.31	21.39	21.08				
20	16QAM	50	24	21.00	21.23	21.11				
20	16QAM	50	50	20.93	20.95	21.04	21.2	3		
20	16QAM	100	0	21.12	21.13	21.01				
20	64QAM	1	0	21.61	21.22	21.51				
20	64QAM	1	49	20.95	21.57	21.30	22.2	2		
20	64QAM	1	99	21.20	21.20	21.34				
20	64QAM	50	0	20.32	20.37	20.05				
20	64QAM	50	24	20.02	20.22	20.12	21.2	3		
20	64QAM	50	50	19.94	19.96	20.01				
20	64QAM	100	0	20.15	20.15	20.00				
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	1880	1902.5				
15	QPSK	1	0	23.33	23.43	23.23	24.2	0		
15	QPSK	1	37	22.69	23.30	23.20				
15	QPSK	1	74	22.97	23.01	23.10				
15	QPSK	36	0	22.28	22.39	22.19	23.2	1		
15	QPSK	36	20	21.87	22.12	22.06				
15	QPSK	36	39	21.89	21.89	22.00				
15	QPSK	75	0	22.04	22.05	22.19	23.2	1		
15	16QAM	1	0	22.72	22.32	22.54				
15	16QAM	1	37	21.84	22.32	22.42				
15	16QAM	1	74	22.32	22.31	22.29	22.2	2		
15	16QAM	36	0	21.26	21.25	20.95				
15	16QAM	36	20	20.97	21.09	21.10				
15	16QAM	36	39	20.84	20.85	20.91	22.2	2		
15	16QAM	75	0	20.98	21.04	20.98				
15	64QAM	1	0	21.60	21.15	21.47				
15	64QAM	1	37	20.89	21.47	21.21	22.2	2		
15	64QAM	1	74	21.14	21.19	21.25				
15	64QAM	36	0	20.23	20.36	20.02				
15	64QAM	36	20	19.92	20.08	19.97	21.2	3		
15	64QAM	36	39	19.81	19.84	19.97				
15	64QAM	75	0	20.00	20.12	19.96				
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	0	23.38	23.42	23.27	24.2	0		
10	QPSK	1	25	22.63	23.33	23.20				
10	QPSK	1	49	22.88	23.00	23.05				
10	QPSK	25	0	22.32	22.46	22.22	23.2	1		
10	QPSK	25	12	21.87	22.16	22.09				
10	QPSK	25	25	21.78	21.88	21.96				
10	QPSK	50	0	22.00	22.08	22.00	23.2	1		
10	16QAM	1	0	22.61	22.32	22.47				
10	16QAM	1	25	22.00	22.50	22.41				
10	16QAM	1	49	22.22	22.31	22.33	22.2	2		
10	16QAM	25	0	21.30	21.29	21.04				
10	16QAM	25	12	20.99	21.14	21.07				
10	16QAM	25	25	20.80	20.86	21.03	22.2	2		
10	16QAM	50	0	20.97	21.06	20.90				
10	64QAM	1	0	21.59	21.21	21.36				
10	64QAM	1	25	20.81	21.49	21.15	22.2	2		
10	64QAM	1	49	21.14	21.19	21.29				
10	64QAM	25	0	20.17	20.22	19.97				
10	64QAM	25	12	19.95	20.14	19.97	21.2	3		
10	64QAM	25	25	19.83	19.94	19.88				
10	64QAM	50	0	20.13	20.12	19.98				
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	0	23.39	23.43	23.18	24.2	0		
5	QPSK	1	12	22.71	23.30	23.07				
5	QPSK	1	24	23.01	23.00	23.03				
5	QPSK	12	0	22.31	22.33	22.17	23.2	1		
5	QPSK	12	7	21.86	22.18	21.98				
5	QPSK	12	13	21.91	21.93	21.90				
5	QPSK	25	0	22.04	22.03	21.96	23.2	1		
5	16QAM	1	0	22.71	22.29	22.51				
5	16QAM	1	12	21.96	22.34	22.33				
5	16QAM	1	24	22.25	22.33	22.29	22.2	2		
5	16QAM	12	0	21.18	21.32	20.96				
5	16QAM	12	7	20.97	21.21	21.00				
5	16QAM	12	13	20.81	20.84	20.95	22.2	2		
5	16QAM	25	0	21.06	21.11	20.89				
5	64QAM	1	0	21.48	21.10	21.46				
5	64QAM	1	12	20.86	21.55	21.16	22.2	2		
5	64QAM	1	24	21.09	21.07	21.29				
5	64QAM	12	0	20.26	20.31	20.04				
5	64QAM	12	7	19.96	20.08	20.05	21.2	3		
5	64QAM	12	13	19.88	19.86	19.91				
5	64QAM	25	0	20.01	20.07	19.85				
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1851.5	1880	1908.5				
3	QPSK	1	0	23.40	23.39	23.18	24.2	0		
3	QPSK	1	8	22.69	23.27	23.20				
3	QPSK	1	14	22.95	23.04	23.00				
3	QPSK	8	0	22.25	22.39	22.24	23.2	1		
3	QPSK	8	4	21.98	22.13	21.98				
3	QPSK	8	7	21.83	21.86	21.98				
3	QPSK	15	0	22.00	22.01	21.88	23.2	1		
3	16QAM	1	0	22.73	22.34	22.48				
3	16QAM	1	8	22.02	22.55	22.41				
3	16QAM	1	14	22.20	22.35	22.31	22.2	2		
3	16QAM	8	0	21.20	21.34	20.98				
3	16QAM	8	4	20.94	21.12	21.01				
3	16QAM	8	7	20.85	20.88	20.94	22.2	2		
3	16QAM	15	0	21.06	21.00	20.95				
3	64QAM	1	0	21.49	21.19	21.38				
3	64QAM	1	8	20.83	21.50	21.26	22.2	2		
3	64QAM	1	14	21.15	21.06	21.25				
3	64QAM	8	0	20.26	20.28	20.00				
3	64QAM	8	4	19.93	20.18	20.07	21.2	3		
3	64QAM	8	7	19.86	19.83	19.95				
3	64QAM	15	0	20.11	20.03	19.92				
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	1880	1909.3				
1.4	QPSK	1	0	23.35	23.43	23.18	24.2	0		
1.4	QPSK	1	3	22.67	23.25	23.21				
1.4	QPSK	1	5	22.94	22.94	23.00				
1.4	QPSK	3	0	23.36	23.49	23.19	23.2	1		
1.4	QPSK	3	1	22.74	23.30	23.16				
1.4	QPSK	3	3	22.98	22.96	23.03				
1.4	QPSK	6	0	22.29	22.43	22.20	23.2	1		
1.4	16QAM	1	0	21.90	22.15	22.07				
1.4	16QAM	1	3	21.80	21.89	21.94				
1.4	16QAM	1	5	22.08	22.04	21.95	23.2	1		
1.4	16QAM	3	0	22.73	22.37	22.30				
1.4	16QAM	3	1	22.01	22.54	22.30				
1.4	16QAM	3	3	22.22	22.32	22.36	22.2	2		
1.4	16QAM	6	0	21.17	21.26	21.01				
1.4	64QAM	1	0	20.87	21.20	21.05				
1.4	64QAM	1	3	20.80	20.92	20.96	22.2	2		
1.4	64QAM	1	5	20.97	21.04	20.90				
1.4	64QAM	3	0	21.58	21.19	21.42				
1.4	64QAM	3	1	20.87	21.53	21.23	21.2	3		
1.4	64QAM	3	3	21.19	21.08	21.30				
1.4	64QAM	6	0	20.29	20.32	19.91				

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	23.8	0	
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	22.60	22.68	22.66	23.8	0	
20	QPSK	1	49	22.47	22.56	22.57			
20	QPSK	1	99	22.53	22.61	22.65			
20	QPSK	50	0	22.43	22.54	22.50	23.8	0	
20	QPSK	50	24	22.30	22.31	22.43			
20	QPSK	50	50	22.23	22.32	22.43			
20	QPSK	100	0	22.22	22.50	22.39	23.8	0	
20	16QAM	1	0	22.38	22.63	22.65			
20	16QAM	1	49	22.58	22.60	22.48			
20	16QAM	1	99	22.56	22.58	22.44	22.8	1	
20	16QAM	50	0	21.22	21.35	21.33			
20	16QAM	50	24	21.23	21.32	21.39			
20	16QAM	50	50	21.20	21.32	21.42	22.8	1	
20	16QAM	100	0	21.20	21.31	21.32			
20	64QAM	1	0	21.25	21.57	21.56			
20	64QAM	1	49	21.48	21.43	21.42	21.8	2	
20	64QAM	1	99	21.32	21.44	21.67			
20	64QAM	50	0	20.21	20.31	20.31			
20	64QAM	50	24	20.24	20.29	20.39	21.8	2	
20	64QAM	50	50	20.21	20.30	20.39			
20	64QAM	100	0	20.18	20.32	20.32			
Channel				20025	20175	20325	23.8	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	22.58	22.63	22.62	23.8	0	
15	QPSK	1	37	22.54	22.53	22.65			
15	QPSK	1	74	22.52	22.53	22.65			
15	QPSK	36	0	22.35	22.52	22.46	23.8	0	
15	QPSK	36	20	22.19	22.30	22.32			
15	QPSK	36	39	22.13	22.22	22.28			
15	QPSK	75	0	22.11	22.27	22.30	23.8	0	
15	16QAM	1	0	22.37	22.61	22.58			
15	16QAM	1	37	22.53	22.53	22.39			
15	16QAM	1	74	22.42	22.51	22.40	22.8	1	
15	16QAM	36	0	21.21	21.22	21.21			
15	16QAM	36	20	21.08	21.27	21.25			
15	16QAM	36	39	21.21	21.22	21.28	21.8	2	
15	16QAM	75	0	21.16	21.21	21.30			
15	64QAM	1	0	21.19	21.51	21.54			
15	64QAM	1	37	21.43	21.35	21.29	22.8	1	
15	64QAM	1	74	21.26	21.32	21.52			
15	64QAM	36	0	20.15	20.26	20.19			
15	64QAM	36	20	20.14	20.15	20.24	21.8	2	
15	64QAM	36	39	20.19	20.18	20.31			
15	64QAM	75	0	20.15	20.30	20.17			
Channel				20000	20175	20350	23.8	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	22.50	22.54	22.58	23.8	0	
10	QPSK	1	25	22.51	22.53	22.53			
10	QPSK	1	49	22.55	22.54	22.56			
10	QPSK	25	0	22.39	22.48	22.37	23.8	0	
10	QPSK	25	12	22.27	22.24	22.37			
10	QPSK	25	25	22.10	22.22	22.42			
10	QPSK	50	0	22.12	22.48	22.25	23.8	0	
10	16QAM	1	0	22.29	22.50	22.57			
10	16QAM	1	25	22.44	22.50	22.33			
10	16QAM	1	49	22.42	22.47	22.32	22.8	1	
10	16QAM	25	0	21.16	21.33	21.19			
10	16QAM	25	12	21.10	21.25	21.33			
10	16QAM	25	25	21.09	21.25	21.34	22.8	1	
10	16QAM	50	0	21.07	21.26	21.27			
10	64QAM	1	0	21.14	21.45	21.51			
10	64QAM	1	25	21.44	21.39	21.28	22.8	1	
10	64QAM	1	49	21.25	21.37	21.54			
10	64QAM	25	0	20.17	20.29	20.24			
10	64QAM	25	12	20.12	20.22	20.35	21.8	2	
10	64QAM	25	25	20.07	20.25	20.36			
10	64QAM	50	0	20.11	20.19	20.26			
Channel				19975	20175	20375	23.8	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	22.58	22.62	22.54	23.8	0	
5	QPSK	1	12	22.59	22.57	22.56			
5	QPSK	1	24	22.58	22.67	22.52			
5	QPSK	12	0	22.28	22.44	22.40	23.8	0	
5	QPSK	12	7	22.27	22.27	22.34			
5	QPSK	12	13	22.08	22.19	22.30			
5	QPSK	25	0	22.20	22.36	22.36	23.8	0	
5	16QAM	1	0	22.29	22.53	22.51			
5	16QAM	1	12	22.50	22.49	22.40			
5	16QAM	1	24	22.41	22.52	22.35	22.8	1	
5	16QAM	12	0	21.13	21.34	21.29			
5	16QAM	12	7	21.09	21.30	21.24			
5	16QAM	12	13	21.16	21.18	21.31	22.8	1	
5	16QAM	25	0	21.12	21.16	21.25			
5	64QAM	1	0	21.17	21.55	21.48			
5	64QAM	1	12	21.36	21.37	21.37	22.8	1	
5	64QAM	1	24	21.30	21.32	21.65			
5	64QAM	12	0	20.18	20.22	20.26			
5	64QAM	12	7	20.15	20.20	20.38	21.8	2	
5	64QAM	12	13	20.16	20.20	20.31			
5	64QAM	25	0	20.12	20.31	20.23			
Channel				19965	20175	20385	23.8	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	22.55	22.62	22.59	23.8	0	
3	QPSK	1	8	22.56	22.65	22.58			
3	QPSK	1	14	22.51	22.55	22.52			
3	QPSK	8	0	22.42	22.43	22.46	23.8	0	
3	QPSK	8	4	22.24	22.17	22.35			
3	QPSK	8	7	22.10	22.29	22.33			
3	QPSK	15	0	22.15	22.44	22.28	23.8	0	
3	16QAM	1	0	22.28	22.62	22.63			
3	16QAM	1	8	22.51	22.48	22.43			
3	16QAM	1	14	22.47	22.44	22.43	22.8	1	
3	16QAM	8	0	21.21	21.29	21.27			
3	16QAM	8	4	21.15	21.21	21.29			
3	16QAM	8	7	21.22	21.19	21.29	22.8	1	
3	16QAM	15	0	21.05	21.20	21.27			
3	64QAM	1	0	21.18	21.52	21.49			
3	64QAM	1	8	21.45	21.31	21.39	21.8	2	
3	64QAM	1	14	21.28	21.29	21.63			
3	64QAM	8	0	20.06	20.22	20.28			
3	64QAM	8	4	20.15	20.25	20.37	21.8	2	
3	64QAM	8	7	20.11	20.24	20.24			
3	64QAM	15	0	20.07	20.23	20.20			
Channel				19957	20175	20393	23.8	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	22.46	22.57	22.59	23.8	0	
1.4	QPSK	1	3	22.51	22.59	22.61			
1.4	QPSK	1	5	22.57	22.66	22.57			
1.4	QPSK	3	0	22.45	22.58	22.55	23.8	0	
1.4	QPSK	3	1	22.50	22.60	22.57			
1.4	QPSK	3	3	22.57	22.65	22.61			
1.4	16QAM	1	0	22.32	22.37	22.37	23.8	0	
1.4	16QAM	1	0	22.13	22.16	22.21			
1.4	16QAM	1	3	22.14	22.26	22.21			
1.4	16QAM	3	0	21.98	22.30	22.24	23.8	0	
1.4	16QAM	3	1	22.27	22.46	22.47			
1.4	16QAM	3	1	22.51	22.48	22.54			
1.4	16QAM	3	3	22.31	22.45	22.62	22.8	1	
1.4	64QAM	1	0	21.05	21.09	21.27			
1.4	64QAM	1	3	21.14	21.18	21.32			
1.4	64QAM	1	5	21.15	21.16	21.26	22.8	1	
1.4	64QAM	3	0	21.13	21.48	21.46			
1.4	64QAM	3	0	21.37	21.25	21.28			
1.4	64QAM	3	3	21.12	21.29	21.51	21.8	2	
1.4	64QAM	6	0	19.94	20.19	20.11			

Band 5_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.80	23.82	23.81	25	0		
10	QPSK	1	25	23.66	23.76	23.72				
10	QPSK	1	49	23.79	23.70	23.71				
10	QPSK	25	0	22.80	22.84	22.76				
10	QPSK	25	12	22.69	22.77	22.73	24	1		
10	QPSK	25	25	22.70	22.79	22.70				
10	QPSK	50	0	22.73	22.80	22.73				
10	16QAM	1	0	23.06	23.00	23.07				
10	16QAM	1	25	22.88	23.04	23.01	24	1		
10	16QAM	1	49	23.09	23.01	22.95				
10	16QAM	25	0	21.69	21.80	21.75				
10	16QAM	25	12	21.68	21.79	21.70				
10	16QAM	25	25	21.77	21.76	21.67	23	2		
10	16QAM	50	0	21.72	21.77	21.72				
10	64QAM	1	0	21.91	21.96	22.00				
10	64QAM	1	25	21.79	21.92	21.84				
10	64QAM	1	49	21.93	21.97	21.80	22	3		
10	64QAM	25	0	20.70	20.80	20.75				
10	64QAM	25	12	20.67	20.78	20.73				
10	64QAM	25	25	20.79	20.80	20.69				
10	64QAM	50	0	20.74	20.77	20.75				
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	23.76	23.67	23.70	25	0		
5	QPSK	1	12	23.65	23.72	23.57				
5	QPSK	1	24	23.78	23.67	23.65				
5	QPSK	12	0	22.78	22.79	22.70				
5	QPSK	12	7	22.68	22.71	22.70	24	1		
5	QPSK	12	13	22.58	22.71	22.63				
5	QPSK	25	0	22.65	22.73	22.71				
5	16QAM	1	0	22.93	22.92	23.01				
5	16QAM	1	12	22.73	23.03	22.94	24	1		
5	16QAM	1	24	23.07	22.95	22.90				
5	16QAM	12	0	21.57	21.76	21.73				
5	16QAM	12	7	21.64	21.78	21.64				
5	16QAM	12	13	21.63	21.62	21.54	23	2		
5	16QAM	25	0	21.69	21.64	21.60				
5	64QAM	1	0	21.81	21.85	21.87				
5	64QAM	1	12	21.90	21.79	21.71				
5	64QAM	1	24	21.90	21.86	21.72	23	2		
5	64QAM	12	0	20.62	20.79	20.61				
5	64QAM	12	7	20.55	20.72	20.60				
5	64QAM	12	13	20.77	20.67	20.62				
5	64QAM	25	0	20.68	20.72	20.67				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	23.73	23.81	23.67	25	0		
3	QPSK	1	8	23.64	23.61	23.59				
3	QPSK	1	14	23.67	23.62	23.68				
3	QPSK	8	0	22.76	22.77	22.63				
3	QPSK	8	4	22.65	22.64	22.68	24	1		
3	QPSK	8	7	22.67	22.64	22.55				
3	QPSK	15	0	22.58	22.72	22.70				
3	16QAM	1	0	22.91	22.96	23.06				
3	16QAM	1	8	22.83	23.03	22.90	24	1		
3	16QAM	1	14	22.96	22.99	22.85				
3	16QAM	8	0	21.57	21.73	21.64				
3	16QAM	8	4	21.57	21.67	21.59				
3	16QAM	8	7	21.76	21.75	21.59	23	2		
3	16QAM	15	0	21.61	21.63	21.57				
3	64QAM	1	0	21.89	21.85	21.97				
3	64QAM	1	8	21.65	21.91	21.77				
3	64QAM	1	14	21.78	21.94	21.74	23	2		
3	64QAM	8	0	20.58	20.74	20.60				
3	64QAM	8	4	20.56	20.72	20.69				
3	64QAM	8	7	20.70	20.77	20.62				
3	64QAM	15	0	20.69	20.70	20.65				
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.74	23.67	23.75	25	0		
1.4	QPSK	1	3	23.59	23.71	23.61				
1.4	QPSK	1	5	23.64	23.55	23.61				
1.4	QPSK	3	0	23.71	23.81	23.75				
1.4	QPSK	3	1	23.52	23.63	23.65	24	1		
1.4	QPSK	3	3	23.64	23.60	23.67				
1.4	QPSK	6	0	22.76	22.70	22.67				
1.4	16QAM	1	0	22.64	22.73	22.72				
1.4	16QAM	1	3	22.68	22.77	22.55	24	1		
1.4	16QAM	1	5	22.65	22.77	22.67				
1.4	16QAM	3	0	22.96	22.86	22.99				
1.4	16QAM	3	1	22.73	22.97	22.97				
1.4	16QAM	3	3	23.07	22.97	22.80	23	2		
1.4	16QAM	6	0	21.62	21.68	21.66				
1.4	64QAM	1	0	21.64	21.76	21.64				
1.4	64QAM	1	3	21.70	21.72	21.54				
1.4	64QAM	1	5	21.63	21.71	21.57	23	2		
1.4	64QAM	3	0	21.78	21.90	21.90				
1.4	64QAM	3	1	21.76	21.91	21.78				
1.4	64QAM	3	3	21.83	21.85	21.65				
1.4	64QAM	6	0	20.60	20.77	20.65	22	3		

Band 5_Ant 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				20450	20525	20600						
Frequency (MHz)				829	836.5	844						
10	QPSK	1	0	23.40	23.46	23.43	24.2	0				
10	QPSK	1	25	23.20	23.40	23.39						
10	QPSK	1	49	23.20	23.38	23.40						
10	QPSK	25	0	22.31	22.48	22.41						
10	QPSK	25	12	22.26	22.45	22.39	23.2	1				
10	QPSK	25	25	22.26	22.45	22.39						
10	QPSK	50	0	22.22	22.46	22.40						
10	16QAM	1	0	22.46	22.56	22.74						
10	16QAM	1	25	22.41	22.66	22.67	23.2	1				
10	16QAM	1	49	22.66	22.84	22.68						
10	16QAM	25	0	21.25	21.42	21.40						
10	16QAM	25	12	21.25	21.44	21.38						
10	16QAM	25	25	21.32	21.47	21.38	22.2	2				
10	16QAM	50	0	21.21	21.44	21.40						
10	64QAM	1	0	21.28	21.47	21.64						
10	64QAM	1	25	21.37	21.55	21.57						
10	64QAM	1	49	21.47	21.63	21.59	21.2	3				
10	64QAM	25	0	20.28	20.43	20.39						
10	64QAM	25	12	20.25	20.43	20.39	21.2	3				
10	64QAM	25	25	20.28	20.46	20.40						
10	64QAM	50	0	20.21	20.42	20.40						
Channel				20425	20525	20625				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5						
5	QPSK	1	0	23.29	23.37	23.37	24.2	0				
5	QPSK	1	12	23.08	23.26	23.28						
5	QPSK	1	24	23.06	23.26	23.32						
5	QPSK	12	0	22.18	22.41	22.26						
5	QPSK	12	7	22.19	22.37	22.32	23.2	1				
5	QPSK	12	13	22.11	22.33	22.29						
5	QPSK	25	0	22.07	22.35	22.28						
5	16QAM	1	0	22.34	22.48	22.59						
5	16QAM	1	12	22.34	22.56	22.61	23.2	1				
5	16QAM	1	24	22.61	22.77	22.55						
5	16QAM	12	0	21.13	21.29	21.30						
5	16QAM	12	7	21.20	21.38	21.33						
5	16QAM	12	13	21.25	21.35	21.32	22.2	2				
5	16QAM	25	0	21.11	21.31	21.33						
5	64QAM	1	0	21.20	21.35	21.54						
5	64QAM	1	12	21.28	21.44	21.42						
5	64QAM	1	24	21.41	21.54	21.44	21.2	3				
5	64QAM	12	0	20.23	20.35	20.31						
5	64QAM	12	7	20.20	20.31	20.25						
5	64QAM	12	13	20.22	20.38	20.26						
5	64QAM	25	0	20.16	20.30	20.35						
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				825.5	836.5	847.5						
3	QPSK	1	0	23.30	23.34	23.35	24.2	0				
3	QPSK	1	8	23.11	23.34	23.26						
3	QPSK	1	14	23.11	23.23	23.28						
3	QPSK	8	0	22.16	22.37	22.28						
3	QPSK	8	4	22.17	22.32	22.27	23.2	1				
3	QPSK	8	7	22.18	22.32	22.34						
3	QPSK	15	0	22.14	22.40	22.35						
3	16QAM	1	0	22.38	22.50	22.65						
3	16QAM	1	8	22.30	22.58	22.60	23.2	1				
3	16QAM	1	14	22.56	22.69	22.59						
3	16QAM	8	0	21.13	21.28	21.30						
3	16QAM	8	4	21.15	21.33	21.33						
3	16QAM	8	7	21.24	21.39	21.23	22.2	2				
3	16QAM	15	0	21.13	21.37	21.31						
3	64QAM	1	0	21.21	21.40	21.57						
3	64QAM	1	8	21.30	21.44	21.52						
3	64QAM	1	14	21.34	21.48	21.49	22.2	2				
3	64QAM	8	0	20.18	20.31	20.34						
3	64QAM	8	4	20.18	20.29	20.27						
3	64QAM	8	7	20.14	20.32	20.34						
3	64QAM	15	0	20.16	20.27	20.29	21.2	3				
Channel				20407	20525	20643				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3						
1.4	QPSK	1	0	23.26	23.33	23.36				24.2	0	
1.4	QPSK	1	3	23.12	23.35	23.24						
1.4	QPSK	1	5	23.12	23.31	23.35						
1.4	QPSK	3	0	23.12	23.28	23.27						
1.4	QPSK	3	1	23.07	23.24	23.10	23.2	1				
1.4	QPSK	3	3	23.04	23.21	23.31						
1.4	QPSK	6	0	22.15	22.34	22.34						
1.4	16QAM	1	0	22.24	22.46	22.63						
1.4	16QAM	1	3	22.33	22.39	21.46	23.2	1				
1.4	16QAM	1	5	22.52	22.77	22.55						
1.4	16QAM	3	0	22.30	22.41	22.50						
1.4	16QAM	3	1	22.30	22.47	22.50						
1.4	16QAM	3	3	22.40	22.75	22.52	22.2	2				
1.4	16QAM	6	0	21.13	21.31	21.25						
1.4	64QAM	1	0	21.23	21.41	21.58						
1.4	64QAM	1	3	21.22	21.43	21.52						
1.4	64QAM	1	5	21.35	21.48	21.52	22.2	2				
1.4	64QAM	3	0	21.18	21.36	21.46						
1.4	64QAM	3	1	21.16	21.30	21.39						
1.4	64QAM	3	3	21.18	21.43	21.52						
1.4	64QAM	6	0	20.06	20.31	20.34	21.2	3				

Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	21.7	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	20.76	20.88	20.87			
20	QPSK	1	49	20.82	20.81	20.79			
20	QPSK	1	99	20.63	20.77	20.71	21.7	0	
20	QPSK	50	0	20.76	20.86	20.85			
20	QPSK	50	24	20.70	20.73	20.83			
20	QPSK	50	50	20.70	20.71	20.77			
20	QPSK	100	0	20.75	20.85	20.83	21.7	0	
20	16QAM	1	0	20.72	20.71	20.71			
20	16QAM	1	49	20.65	20.77	20.80			
20	16QAM	1	99	20.65	20.78	20.83			
20	16QAM	50	0	20.71	20.74	20.72	21.7	0	
20	16QAM	50	24	20.70	20.80	20.72			
20	16QAM	50	50	20.62	20.74	20.75			
20	16QAM	100	0	20.74	20.75	20.78			
20	64QAM	1	0	20.75	20.75	20.76	21.7	0	
20	64QAM	1	49	20.74	20.79	20.72			
20	64QAM	1	99	20.72	20.76	20.70			
20	64QAM	50	0	19.44	19.79	19.74			
20	64QAM	50	24	19.44	19.92	19.74	20.7	1	
20	64QAM	50	50	19.45	19.81	19.86			
20	64QAM	100	0	19.42	19.83	19.79			
Channel				20850	21100	21350	21.7	0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	20.68	20.79	20.72		21.7	
15	QPSK	1	37	20.75	20.73	20.70			
15	QPSK	1	74	20.67	20.75	20.77			
15	QPSK	36	0	20.71	20.85	20.81	21.7	0	
15	QPSK	36	20	20.72	20.79	20.72			
15	QPSK	36	39	20.72	20.71	20.78			
15	QPSK	75	0	20.65	20.71	20.77			
15	16QAM	1	0	20.75	20.84	20.73	21.7	0	
15	16QAM	1	37	20.74	20.71	20.75			
15	16QAM	1	74	20.70	20.85	20.78			
15	16QAM	36	0	20.70	20.73	20.84			
15	16QAM	36	20	20.70	20.83	20.76	21.7	0	
15	16QAM	36	39	20.61	20.78	20.77			
15	16QAM	75	0	20.71	20.84	20.72			
15	64QAM	1	0	20.72	20.82	20.72	21.7	0	
15	64QAM	1	37	20.69	20.78	20.77			
15	64QAM	1	74	20.67	20.85	20.70			
15	64QAM	36	0	19.34	19.71	19.59			
15	64QAM	36	20	19.36	19.82	19.59	20.7	1	
15	64QAM	36	39	19.37	19.69	19.78			
15	64QAM	75	0	19.35	19.71	19.70			
Channel				20800	21100	21400	21.7	0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	20.66	20.74	20.75		21.7	
10	QPSK	1	25	20.67	20.80	20.75			
10	QPSK	1	49	20.70	20.71	20.81			
10	QPSK	25	0	20.71	20.83	20.82	21.7	0	
10	QPSK	25	12	20.74	20.72	20.76			
10	QPSK	25	25	20.74	20.84	20.74			
10	QPSK	50	0	20.68	20.79	20.78			
10	16QAM	1	0	20.73	20.84	20.73	21.7	0	
10	16QAM	1	25	20.75	20.78	20.75			
10	16QAM	1	49	20.61	20.72	20.77			
10	16QAM	25	0	20.72	20.75	20.76			
10	16QAM	25	12	20.70	20.77	20.74	21.7	0	
10	16QAM	25	25	20.71	20.75	20.84			
10	16QAM	50	0	20.62	20.81	20.73			
10	64QAM	1	0	20.65	20.76	20.80			
10	64QAM	1	25	20.67	20.83	20.79	21.7	0	
10	64QAM	1	49	20.68	20.80	20.75			
10	64QAM	25	0	19.31	19.74	19.59			
10	64QAM	25	12	19.35	19.80	19.59			
10	64QAM	25	25	19.30	19.68	19.79	20.7	1	
10	64QAM	50	0	19.27	19.71	19.72			
Channel				20775	21100	21425	21.7	0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	20.75	20.78	20.76		21.7	
5	QPSK	1	12	20.68	20.74	20.78			
5	QPSK	1	24	20.72	20.82	20.76			
5	QPSK	12	0	20.68	20.85	20.75	21.7	0	
5	QPSK	12	7	20.72	20.78	20.84			
5	QPSK	12	13	20.62	20.73	20.71			
5	QPSK	25	0	20.69	20.84	20.72			
5	16QAM	1	0	20.67	20.73	20.71	21.7	0	
5	16QAM	1	12	20.74	20.75	20.76			
5	16QAM	1	24	20.75	20.76	20.81			
5	16QAM	12	0	20.65	20.74	20.73			
5	16QAM	12	7	20.61	20.74	20.80	21.7	0	
5	16QAM	12	13	20.70	20.76	20.78			
5	16QAM	25	0	20.62	20.84	20.80			
5	64QAM	1	0	20.64	20.80	20.72			
5	64QAM	1	12	20.62	20.81	20.75	21.7	0	
5	64QAM	1	24	20.66	20.85	20.72			
5	64QAM	12	0	19.35	19.71	19.64			
5	64QAM	12	7	19.37	19.77	19.61			
5	64QAM	12	13	19.37	19.70	19.73	20.7	1	
5	64QAM	25	0	19.27	19.73	19.65			

Band 7_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	21.25	21.30	21.28	21.5	0	
20	QPSK	1	49	21.08	21.14	21.21			
20	QPSK	1	99	21.11	21.19	21.18			
20	QPSK	50	0	21.23	21.28	21.26			
20	QPSK	50	24	21.19	21.21	21.21	21.5	0	
20	QPSK	50	50	21.14	21.25	21.23			
20	QPSK	100	0	21.21	21.27	21.25			
20	16QAM	1	0	21.17	21.17	21.15			
20	16QAM	1	49	21.15	21.23	21.19	21.5		
20	16QAM	1	99	21.18	21.26	21.24			
20	16QAM	50	0	21.22	21.16	21.21			
20	16QAM	50	24	21.15	21.16	21.11			
20	16QAM	50	50	21.10	21.17	21.12	21.5	0	
20	16QAM	100	0	21.09	21.27	21.11			
20	64QAM	1	0	21.08	21.25	21.19			
20	64QAM	1	49	21.09	21.13	21.24			
20	64QAM	1	99	21.19	21.22	21.17	21.5	0	
20	64QAM	50	0	20.07	20.14	20.12			
20	64QAM	50	24	20.02	20.11	20.11			
20	64QAM	50	50	20.06	20.15	20.14			
20	64QAM	100	0	19.99	20.08	20.05	20.5	1	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	21.08	21.13	21.18	21.5	0	
15	QPSK	1	37	21.12	21.24	21.16			
15	QPSK	1	74	21.12	21.16	21.18			
15	QPSK	36	0	21.12	21.15	21.21			
15	QPSK	36	20	21.13	21.27	21.16	21.5	0	
15	QPSK	36	39	21.20	21.13	21.25			
15	QPSK	75	0	21.09	21.14	21.21			
15	16QAM	1	0	21.08	21.27	21.12			
15	16QAM	1	37	21.19	21.27	21.18	21.5	0	
15	16QAM	1	74	21.10	21.15	21.16			
15	16QAM	36	0	21.10	21.20	21.15			
15	16QAM	36	20	21.14	21.21	21.22			
15	16QAM	36	39	21.10	21.14	21.23	21.5	0	
15	16QAM	75	0	21.17	21.25	21.18			
15	64QAM	1	37	21.12	21.17	21.21			
15	64QAM	1	74	21.18	21.16	21.23			
15	64QAM	36	0	19.97	20.04	20.07	20.5	1	
15	64QAM	36	20	19.92	20.03	20.05			
15	64QAM	36	39	19.90	20.07	19.99			
15	64QAM	75	0	19.94	19.98	19.94			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	21.16	21.27	21.13	21.5	0	
10	QPSK	1	25	21.20	21.19	21.18			
10	QPSK	1	49	21.10	21.22	21.19			
10	QPSK	25	0	21.14	21.24	21.21			
10	QPSK	25	12	21.18	21.24	21.24	21.5	0	
10	QPSK	25	25	21.08	21.19	21.21			
10	QPSK	50	0	21.20	21.15	21.17			
10	16QAM	1	0	21.11	21.27	21.14			
10	16QAM	1	25	21.18	21.23	21.23	21.5	0	
10	16QAM	1	49	21.11	21.23	21.21			
10	16QAM	25	0	21.08	21.22	21.16			
10	16QAM	25	12	21.15	21.27	21.24			
10	16QAM	25	25	21.16	21.17	21.21	21.5	0	
10	16QAM	50	0	21.11	21.20	21.24			
10	64QAM	1	0	21.19	21.23	21.15			
10	64QAM	1	25	21.12	21.21	21.13			
10	64QAM	1	49	21.14	21.26	21.17	21.5	0	
10	64QAM	25	0	19.95	20.04	20.00			
10	64QAM	25	12	19.97	19.96	20.02			
10	64QAM	25	25	19.93	19.97	20.00			
10	64QAM	50	0	19.94	19.97	19.93	20.5	1	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	21.09	21.21	21.23	21.5	0	
5	QPSK	1	12	21.12	21.24	21.20			
5	QPSK	1	24	21.21	21.24	21.14			
5	QPSK	12	0	21.10	21.19	21.13			
5	QPSK	12	7	21.11	21.22	21.19	21.5	0	
5	QPSK	12	13	21.15	21.26	21.22			
5	QPSK	25	0	21.20	21.17	21.11			
5	16QAM	1	0	21.19	21.25	21.11			
5	16QAM	1	12	21.10	21.23	21.24	21.5	0	
5	16QAM	1	24	21.14	21.25	21.19			
5	16QAM	12	0	21.12	21.14	21.19			
5	16QAM	12	7	21.12	21.19	21.19			
5	16QAM	12	13	21.20	21.13	21.12	21.5	0	
5	16QAM	25	0	21.10	21.24	21.21			
5	64QAM	1	0	21.14	21.21	21.19			
5	64QAM	1	12	21.12	21.26	21.25			
5	64QAM	1	24	21.13	21.27	21.21	21.5	0	
5	64QAM	12	0	20.05	20.09	20.07			
5	64QAM	12	7	19.92	20.05	20.20			
5	64QAM	12	13	19.92	20.06	20.01			
5	64QAM	25	0	19.85	20.03	19.98	20.5	1	

Band 12_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130	23.7	0		
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	22.86	22.93	22.88				
10	QPSK	1	25	22.73	22.93	22.86	22.7	1		
10	QPSK	1	49	22.78	22.88	22.81				
10	QPSK	25	0	21.80	21.89	21.84				
10	QPSK	25	12	21.79	21.87	21.82	22.7	1		
10	QPSK	25	25	21.77	21.86	21.79				
10	QPSK	50	0	21.80	21.85	21.82				
10	16QAM	1	0	22.95	22.21	22.11	22.7	1		
10	16QAM	1	25	22.08	22.27	22.15				
10	16QAM	1	49	22.22	22.29	22.25				
10	16QAM	25	0	20.76	20.87	20.77	21.7	2		
10	16QAM	25	12	20.79	20.84	20.78				
10	16QAM	25	25	20.75	20.90	20.77				
10	16QAM	50	0	20.79	20.87	20.79	21.7	2		
10	64QAM	1	0	20.85	21.11	20.96				
10	64QAM	1	25	20.87	21.18	21.04				
10	64QAM	1	49	21.05	21.07	21.13	20.7	3		
10	64QAM	25	0	19.76	19.86	19.80				
10	64QAM	25	12	19.78	19.89	19.82				
10	64QAM	25	25	19.82	19.88	19.80	20.7	3		
10	64QAM	50	0	19.81	19.88	19.80				
Channel				23035	23095	23165	23.7	0		
Frequency (MHz)				701.5	707.5	713.5				
5	QPSK	1	0	22.77	22.84	22.73				
5	QPSK	1	12	22.61	22.88	22.81	22.7	1		
5	QPSK	1	24	22.66	22.80	22.74				
5	QPSK	12	0	21.70	21.83	21.76				
5	QPSK	12	7	21.66	21.80	21.70	22.7	1		
5	QPSK	12	13	21.66	21.79	21.64				
5	QPSK	25	0	21.72	21.78	21.69				
5	16QAM	1	0	21.90	22.07	22.06	22.7	1		
5	16QAM	1	12	21.96	22.22	22.05				
5	16QAM	1	24	22.16	22.14	22.19				
5	16QAM	12	0	20.63	20.82	20.71	21.7	2		
5	16QAM	12	7	20.74	20.78	20.64				
5	16QAM	12	13	20.68	20.75	20.72				
5	16QAM	25	0	20.65	20.74	20.66	21.7	2		
5	64QAM	1	0	20.71	20.98	20.86				
5	64QAM	1	12	20.81	21.04	20.99				
5	64QAM	1	24	20.97	20.98	21.06	20.7	3		
5	64QAM	12	0	19.70	19.76	19.65				
5	64QAM	12	7	19.69	19.84	19.67				
5	64QAM	12	13	19.70	19.81	19.68	20.7	3		
5	64QAM	25	0	19.73	19.75	19.66				
Channel				23025	23095	23165	23.7	0		
Frequency (MHz)				700.5	707.5	714.5				
3	QPSK	1	0	22.81	22.85	22.80				
3	QPSK	1	8	22.58	22.83	22.71	22.7	1		
3	QPSK	1	14	22.63	22.76	22.72				
3	QPSK	8	0	21.71	21.74	21.71				
3	QPSK	8	4	21.64	21.79	21.70	22.7	1		
3	QPSK	8	7	21.69	21.72	21.66				
3	QPSK	15	0	21.73	21.74	21.75				
3	16QAM	1	0	21.98	22.06	22.05	22.7	1		
3	16QAM	1	8	21.97	22.12	22.03				
3	16QAM	1	14	22.13	22.16	22.12				
3	16QAM	8	0	20.67	20.81	20.63	21.7	2		
3	16QAM	8	4	20.66	20.72	20.70				
3	16QAM	8	7	20.60	20.78	20.70				
3	16QAM	15	0	20.71	20.73	20.71	21.7	2		
3	64QAM	1	0	20.71	20.98	20.87				
3	64QAM	1	8	20.75	21.12	20.99				
3	64QAM	1	14	20.95	20.99	21.05	20.7	3		
3	64QAM	8	0	19.63	19.77	19.73				
3	64QAM	8	4	19.72	19.84	19.71				
3	64QAM	8	7	19.74	19.80	19.67	20.7	3		
3	64QAM	15	0	19.76	19.77	19.75				
Channel				23017	23095	23173	23.7	0		
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	22.77	22.84	22.74				
1.4	QPSK	1	3	22.64	22.87	22.74	23.7	0		
1.4	QPSK	1	5	22.65	22.75	22.70				
1.4	QPSK	3	0	22.67	22.72	22.66				
1.4	QPSK	3	1	22.58	22.85	22.61	22.7	1		
1.4	QPSK	3	3	22.56	22.69	22.61				
1.4	QPSK	6	0	21.69	21.71	21.72				
1.4	16QAM	1	0	21.94	22.07	21.98	22.7	1		
1.4	16QAM	1	3	22.02	22.12	22.10				
1.4	16QAM	1	5	22.11	22.21	22.14				
1.4	16QAM	3	0	21.85	22.03	21.96	21.7	2		
1.4	16QAM	3	1	21.88	22.03	22.08				
1.4	16QAM	3	3	21.96	22.10	22.07				
1.4	16QAM	6	0	20.69	20.73	20.70	20.7	3		
1.4	64QAM	1	0	20.72	21.05	20.90				
1.4	64QAM	1	3	20.81	21.08	20.95				
1.4	64QAM	1	5	20.95	20.93	20.99	20.7	3		
1.4	64QAM	3	0	20.61	21.03	20.75				
1.4	64QAM	3	1	20.72	21.01	20.90				
1.4	64QAM	3	3	20.94	20.79	20.89	20.7	3		
1.4	64QAM	6	0	19.74	19.84	19.67				

Band 13_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23230			24.5	0		
Frequency (MHz)				782						
10	QPSK	1	0	23.40						
10	QPSK	1	25	23.25			23.5	1		
10	QPSK	1	49	23.36						
10	QPSK	25	0	23.35						
10	QPSK	25	12	22.27			23.5	1		
10	QPSK	25	25	22.30						
10	QPSK	50	0	22.32						
10	16QAM	1	0	22.60			23.5	1		
10	16QAM	1	25	22.56						
10	16QAM	1	49	22.59						
10	16QAM	25	0	21.28			22.5	2		
10	16QAM	25	12	21.26						
10	16QAM	25	25	21.28						
10	16QAM	50	0	21.31			22.5	2		
10	64QAM	1	0	21.55						
10	64QAM	1	25	21.48						
10	64QAM	1	49	21.50			21.5	3		
10	64QAM	25	0	20.30						
10	64QAM	25	12	20.27						
10	64QAM	25	25	20.28			21.5	3		
10	64QAM	50	0	20.30						
Channel				23205	23230	23255				
Frequency (MHz)				779.5	782	784.5	24.5	0		
5	QPSK	1	0	23.33	23.37	23.34				
5	QPSK	1	12	23.10	23.15	23.20				
5	QPSK	1	24	23.29	23.29	23.26	23.5	1		
5	QPSK	12	0	23.21	23.25	23.25				
5	QPSK	12	7	22.23	22.17	22.13				
5	QPSK	12	13	22.18	22.27	22.26	23.5	1		
5	QPSK	25	0	22.19	22.31	22.27				
5	16QAM	1	0	22.58	22.52	22.47				
5	16QAM	1	12	22.50	22.48	22.53	23.5	1		
5	16QAM	1	24	22.49	22.57	22.57				
5	16QAM	12	0	21.13	21.22	21.25				
5	16QAM	12	7	21.23	21.23	21.17	22.5	2		
5	16QAM	12	13	21.27	21.17	21.25				
5	16QAM	25	0	21.24	21.26	21.25				
5	64QAM	1	0	21.48	21.52	21.42	22.5	2		
5	64QAM	1	12	21.44	21.33	21.43				
5	64QAM	1	24	21.42	21.35	21.37				
5	64QAM	12	0	20.27	20.29	20.26	21.5	3		
5	64QAM	12	7	20.12	20.18	20.20				
5	64QAM	12	13	20.17	20.17	20.20				
5	64QAM	25	0	20.29	20.23	20.26	21.5	3		

Band 17_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23780	23790	23800				
Frequency (MHz)				709	710	711				
10	QPSK	1	0	23.22	23.25	23.23	24.5	0		
10	QPSK	1	25	23.20	23.21	23.20				
10	QPSK	1	49	23.18	23.23	23.18				
10	QPSK	25	0	22.25	22.28	22.26	23.5	1		
10	QPSK	25	12	22.23	22.27	22.25				
10	QPSK	25	25	22.22	22.24	22.23				
10	QPSK	50	0	22.25	22.26	22.23	23.5	1		
10	16QAM	1	0	22.51	22.50	22.61				
10	16QAM	1	25	22.58	22.49	22.59				
10	16QAM	1	49	22.61	22.52	22.61	22.5	2		
10	16QAM	25	0	21.23	21.22	21.22				
10	16QAM	25	12	21.24	21.24	21.22				
10	16QAM	25	25	21.26	21.21	21.22	22.5	2		
10	16QAM	50	0	21.27	21.22	21.22				
10	64QAM	1	0	21.36	21.31	21.48				
10	64QAM	1	25	21.48	21.42	21.46	22.5	2		
10	64QAM	1	49	21.42	21.42	21.47				
10	64QAM	25	0	20.22	20.20	20.24				
10	64QAM	25	12	20.24	20.24	20.24	21.5	3		
10	64QAM	25	25	20.29	20.24	20.24				
10	64QAM	50	0	20.26	20.24	20.24				
Channel				23765	23790	23825				
Frequency (MHz)				706.5	710	713.5				
5	QPSK	1	0	23.11	23.15	23.21	24.5	0		
5	QPSK	1	12	23.16	23.09	23.16				
5	QPSK	1	24	23.16	23.19	23.14				
5	QPSK	12	0	22.11	22.14	22.11	23.5	1		
5	QPSK	12	7	22.16	22.21	22.11				
5	QPSK	12	13	22.21	22.14	22.09				
5	QPSK	25	0	22.20	22.22	22.19	23.5	1		
5	16QAM	1	0	22.44	22.35	22.54				
5	16QAM	1	12	22.48	22.44	22.53				
5	16QAM	1	24	22.58	22.37	22.48	22.5	2		
5	16QAM	12	0	21.18	21.20	21.14				
5	16QAM	12	7	21.23	21.21	21.13				
5	16QAM	12	13	21.11	21.20	21.18	21.5	3		
5	16QAM	25	0	21.12	21.17	21.15				
5	64QAM	1	0	21.29	21.16	21.46				
5	64QAM	1	12	21.34	21.32	21.43	22.5	2		
5	64QAM	1	24	21.27	21.39	21.37				
5	64QAM	12	0	20.18	20.13	20.14				
5	64QAM	12	7	20.16	20.20	20.12	21.5	3		
5	64QAM	12	13	20.27	20.19	20.11				
5	64QAM	25	0	20.15	20.23	20.19				

Band 17_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23780	23790	23800				
Frequency (MHz)				709	710	711				
10	QPSK	1	0	22.88	22.91	22.86	23.7	0	23.7	
10	QPSK	1	25	22.87	22.86	22.81				
10	QPSK	1	49	22.84	22.90	22.80				
10	QPSK	25	0	21.86	21.93	21.84	22.7	1	22.7	
10	QPSK	25	12	21.85	21.90	21.81				
10	QPSK	25	25	21.87	21.89	21.76				
10	QPSK	50	0	21.83	21.90	21.82	22.7	1	22.7	
10	16QAM	1	0	22.15	22.23	22.21				
10	16QAM	1	25	22.21	22.24	22.16				
10	16QAM	1	49	22.16	22.26	22.19	21.7	2	21.7	
10	16QAM	25	0	20.84	20.86	20.82				
10	16QAM	25	12	20.86	20.91	20.83				
10	16QAM	25	25	20.88	20.86	20.76	21.7	2	21.7	
10	16QAM	50	0	20.87	20.89	20.77				
10	64QAM	1	0	20.99	21.01	21.08				
10	64QAM	1	25	21.04	21.16	20.98	21.7	2	21.7	
10	64QAM	1	49	21.00	21.17	21.02				
10	64QAM	25	0	19.88	19.88	19.81				
10	64QAM	25	12	19.91	19.91	19.80	20.7	3	20.7	
10	64QAM	25	25	19.92	19.90	19.78				
10	64QAM	50	0	19.87	19.89	19.76				
Channel				23765	23790	23825				
Frequency (MHz)				706.5	710	713.5				
5	QPSK	1	0	22.80	22.83	22.81	23.7	0	23.7	
5	QPSK	1	12	22.72	22.78	22.74				
5	QPSK	1	24	22.75	22.83	22.66				
5	QPSK	12	0	21.79	21.78	21.75	22.7	1	22.7	
5	QPSK	12	7	21.77	21.75	21.67				
5	QPSK	12	13	21.76	21.81	21.68				
5	QPSK	25	0	21.68	21.75	21.67	22.7	1	22.7	
5	16QAM	1	0	22.05	22.11	22.12				
5	16QAM	1	12	22.10	22.09	22.09				
5	16QAM	1	24	22.02	22.17	22.10	21.7	2	21.7	
5	16QAM	12	0	20.76	20.76	20.77				
5	16QAM	12	7	20.73	20.83	20.78				
5	16QAM	12	13	20.73	20.80	20.67	21.7	2	21.7	
5	16QAM	25	0	20.81	20.75	20.62				
5	64QAM	1	0	20.89	20.88	21.01				
5	64QAM	1	12	20.95	21.07	20.85	21.7	2	21.7	
5	64QAM	1	24	20.94	21.08	20.87				
5	64QAM	12	0	19.81	19.82	19.74				
5	64QAM	12	7	19.80	19.84	19.70	20.7	3	20.7	
5	64QAM	12	13	19.77	19.80	19.66				
5	64QAM	25	0	19.76	19.83	19.67				

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				26740	26865	26990				
Frequency (MHz)				821.5	831.5	841.5				
15	QPSK	1	0	23.75	23.85	23.83	25	0	25	0
15	QPSK	1	37	23.73	23.81	23.80				
15	QPSK	1	74	23.74	23.77	23.71				
15	QPSK	36	0	22.78	22.84	22.81	24	1	24	1
15	QPSK	36	20	22.75	22.82	22.80				
15	QPSK	36	39	22.75	22.77	22.72				
15	QPSK	75	0	22.75	22.83	22.81	24	1	24	1
15	16QAM	1	0	22.98	22.99	23.05				
15	16QAM	1	37	23.05	23.06	23.10				
15	16QAM	1	74	22.99	23.06	22.86	23	2	23	2
15	16QAM	36	0	21.75	21.73	21.78				
15	16QAM	36	20	21.77	21.77	21.79				
15	16QAM	36	39	21.76	21.76	21.74	23	2	23	2
15	16QAM	75	0	21.76	21.75	21.81				
15	64QAM	1	0	21.81	21.80	21.86				
15	64QAM	1	37	21.87	21.95	21.97	22	3	22	3
15	64QAM	1	74	21.92	22.04	21.81				
15	64QAM	36	0	20.76	20.75	20.81				
15	64QAM	36	20	20.79	20.82	20.81	22	3	22	3
15	64QAM	36	39	20.77	20.79	20.78				
15	64QAM	75	0	20.75	20.74	20.81				
Channel				26740	26865	26990				
Frequency (MHz)				819	831.5	844				
10	QPSK	1	0	23.67	23.83	23.74	25	0	25	0
10	QPSK	1	25	23.69	23.80	23.74				
10	QPSK	1	49	23.60	23.62	23.63				
10	QPSK	25	12	22.73	22.74	22.76	24	1	24	1
10	QPSK	25	12	22.63	22.68	22.66				
10	QPSK	25	25	22.69	22.72	22.65				
10	QPSK	50	0	22.67	22.71	22.68	24	1	24	1
10	16QAM	1	0	22.90	22.91	22.92				
10	16QAM	1	25	22.95	22.93	23.02				
10	16QAM	1	49	22.89	23.05	22.76	23	2	23	2
10	16QAM	25	12	21.65	21.71	21.63				
10	16QAM	25	12	21.25	21.21	21.65				
10	16QAM	25	25	21.63	21.66	21.69	22	3	22	3
10	16QAM	50	0	21.66	21.62	21.74				
10	64QAM	1	0	21.80	21.91	21.88				
10	64QAM	1	25	21.74	21.85	21.89	23	2	23	2
10	64QAM	1	49	21.91	21.96	21.73				
10	64QAM	25	0	20.68	20.73	20.71				
10	64QAM	25	12	20.76	20.74	20.78	22	3	22	3
10	64QAM	25	25	20.70	20.70	20.68				
10	64QAM	50	0	20.73	20.67	20.66				
Channel				26715	26865	27015				
Frequency (MHz)				816.5	831.5	846.5				
5	QPSK	1	0	23.68	23.82	23.68	25	0	25	0
5	QPSK	1	12	23.63	23.71	23.68				
5	QPSK	1	24	23.72	23.68	23.68				
5	QPSK	12	0	22.72	22.77	22.71	24	1	24	1
5	QPSK	12	7	22.68	22.67	22.76				
5	QPSK	12	13	22.60	22.65	22.66				
5	QPSK	25	0	22.63	22.72	22.69	24	1	24	1
5	16QAM	1	0	22.96	22.92	22.97				
5	16QAM	1	12	22.91	22.99	22.92				
5	16QAM	1	24	22.97	22.97	22.81	23	2	23	2
5	16QAM	12	0	21.69	21.67	21.74				
5	16QAM	12	7	21.75	21.64	21.64				
5	16QAM	12	13	21.71	21.68	21.68	22	3	22	3
5	16QAM	25	0	21.71	21.61	21.74				
5	64QAM	1	0	21.70	21.95	21.88				
5	64QAM	1	12	21.86	21.94	21.85	23	2	23	2
5	64QAM	1	24	21.78	21.71	21.75				
5	64QAM	12	0	20.75	20.70	20.71				
5	64QAM	12	7	20.68	20.68	20.78	22	3	22	3
5	64QAM	12	13	20.74	20.71	20.76				
5	64QAM	25	0	20.62	20.69	20.69				
Channel				26705	26865	27025				
Frequency (MHz)				815.5	831.5	847.5				
3	QPSK	1	0	23.68	23.84	23.74	25	0	25	0
3	QPSK	1	8	23.62	23.67	23.74				
3	QPSK	1	14	23.59	23.74	23.64				
3	QPSK	8	0	22.69	22.77	22.69	24	1	24	1
3	QPSK	8	4	22.69	22.72	22.65				
3	QPSK	8	7	22.64	22.63	22.69				
3	QPSK	15	0	22.65	22.77	22.68	24	1	24	1
3	16QAM	1	0	22.87	22.85	22.93				
3	16QAM	1	8	22.98	22.91	22.99				
3	16QAM	1	14	22.87	22.95	22.83	23	2	23	2
3	16QAM	8	0	21.61	21.61	21.70				
3	16QAM	8	4	21.73	21.71	21.71				
3	16QAM	8	7	21.85	21.73	21.63	23	2	23	2
3	16QAM	15	0	21.62	21.65	21.71				
3	16QAM	1	0	21.73	21.81	21.80				
3	64QAM	1	8	21.72	21.82	21.87	22	3	22	3
3	64QAM	1	14	21.88	22.00	21.78				
3	64QAM	8	0	20.73	20.60	20.72				
3	64QAM	8	4	20.78	20.67	20.70	22	3	22	3
3	64QAM	8	7	20.62	20.72	20.69				
3	64QAM	15	0	20.67	20.66	20.70				
Channel				26697	26865	27033				
Frequency (MHz)				814.7	831.5	848.3				
1.4	QPSK	1	0	23.67	23.77	23.68	25	0	25	0
1.4	QPSK	1	3	23.70	23.79	23.69				
1.4	QPSK	1	5	23.72	23.76	23.62				
1.4	QPSK	3	0	23.64	23.80	23.81	24	1	24	1
1.4	QPSK	3	1	23.66	23.74	23.78				
1.4	QPSK	3	3	23.72	23.68	23.70				
1.4	QPSK	6	0	22.77	22.77	22.71	24	1	24	1
1.4	16QAM	1	0	22.71	22.77	22.73				
1.4	16QAM	1	3	22.82	22.64	22.62				
1.4	16QAM	1	5	22.62	22.71	22.78	23	2	23	2
1.4	16QAM	3	0	22.93	22.92	22.97				
1.4	16QAM	3	1	23.01	22.93	22.95				
1.4	16QAM	3	3	22.95	23.00	22.76	23	2	23	2
1.4	16QAM	6	0	21.73	21.70	21.70				
1.4	64QAM	1	0	21.74	21.63	21.68				
1.4	64QAM	1	3	21.62	21.72	21.65	23	2	23	2
1.4	64QAM	1	5	21.66	21.66	21.70				
1.4	64QAM	3	0	21.75	21.71	21.84				
1.4	64QAM	3	1	21.75	21.84	21.85	22	3	22	3
1.4	64QAM	3	3	21.84	22.02	21.76				
1.4	64QAM	6	0	20.68	22.02	20.75				

Band 26_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	24.2	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.58	23.69	23.66	23.2	1	
15	QPSK	1	37	23.53	23.61	23.54			
15	QPSK	1	74	23.53	23.62	23.62			
15	QPSK	36	0	22.62	22.70	22.61	23.2	1	
15	QPSK	36	20	22.51	22.54	22.58			
15	QPSK	36	39	22.59	22.66	22.59			
15	QPSK	75	0	22.55	22.62	22.61	23.2	1	
15	16QAM	1	0	22.85	22.92	22.93			
15	16QAM	1	37	22.83	22.90	22.93			
15	16QAM	1	74	22.91	22.94	22.85	22.2	2	
15	16QAM	36	0	21.51	21.55	21.57			
15	16QAM	36	20	21.61	21.66	21.61			
15	16QAM	36	39	21.61	21.72	21.59	22.2	2	
15	16QAM	75	0	21.55	21.64	21.63			
15	64QAM	1	0	21.55	21.64	21.69			
15	64QAM	1	37	21.66	21.83	21.85	22.2	2	
15	64QAM	1	74	21.77	21.82	21.78			
15	64QAM	36	0	20.51	20.56	20.58			
15	64QAM	36	20	20.60	20.67	20.62	21.2	3	
15	64QAM	36	39	20.66	20.72	20.63			
15	64QAM	75	0	20.54	20.62	20.61			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819 <th>831.5</th> <th>844</th> <th rowspan="2">24.2</th> <th colspan="2" rowspan="2">0</th>	831.5	844	24.2	0	
10	QPSK	1	0	23.45	23.56	23.51			
10	QPSK	1	25	23.42	23.50	23.39	23.2	1	
10	QPSK	1	49	23.41	23.55	23.55			
10	QPSK	25	0	22.47	22.60	22.46			
10	QPSK	25	12	22.42	22.43	22.51	23.2	1	
10	QPSK	25	25	22.50	22.54	22.54			
10	QPSK	50	0	22.47	22.50	22.53			
10	16QAM	1	0	22.50	22.64	22.60	23.2	1	
10	16QAM	1	25	22.77	22.84	22.82			
10	16QAM	1	49	22.82	22.82	22.77			
10	16QAM	25	0	21.37	21.47	21.45	22.2	2	
10	16QAM	25	12	21.49	21.60	21.53			
10	16QAM	25	25	21.53	21.63	21.46			
10	16QAM	50	0	21.42	21.53	21.50	22.2	2	
10	64QAM	1	0	21.41	21.57	21.63			
10	64QAM	1	25	21.59	21.73	21.71			
10	64QAM	1	49	21.70	21.72	21.73	21.2	3	
10	64QAM	25	0	20.38	20.50	20.44			
10	64QAM	25	12	20.50	20.54	20.57			
10	64QAM	25	25	20.61	20.63	20.56	21.2	3	
10	64QAM	50	0	20.45	20.47	20.48			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5 <th>831.5</th> <th>846.5</th> <th rowspan="2">24.2</th> <th colspan="2" rowspan="2">0</th>	831.5	846.5	24.2	0	
5	QPSK	1	0	23.47	23.59	23.51			
5	QPSK	1	12	23.38	23.53	23.39	23.2	1	
5	QPSK	1	24	23.40	23.55	23.56			
5	QPSK	12	0	22.55	22.58	22.52			
5	QPSK	12	7	22.38	22.39	22.43	23.2	1	
5	QPSK	12	13	22.50	22.58	22.53			
5	QPSK	25	0	22.48	22.53	22.49			
5	16QAM	1	0	22.54	22.62	22.66	23.2	1	
5	16QAM	1	12	22.75	22.78	22.84			
5	16QAM	1	24	22.83	22.84	22.72			
5	16QAM	12	0	21.38	21.47	21.49	22.2	2	
5	16QAM	12	7	21.50	21.54	21.48			
5	16QAM	12	13	21.49	21.65	21.45			
5	16QAM	25	0	21.49	21.58	21.56	22.2	2	
5	64QAM	1	0	21.46	21.58	21.59			
5	64QAM	1	12	21.59	21.73	21.80			
5	64QAM	1	24	21.65	21.76	21.67	21.2	3	
5	64QAM	12	0	20.40	20.42	20.52			
5	64QAM	12	7	20.49	20.53	20.52			
5	64QAM	12	13	20.52	20.60	20.54	21.2	3	
5	64QAM	25	0	20.43	20.57	20.56			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5 <th>831.5</th> <th>847.5</th> <th rowspan="2">24.2</th> <th colspan="2" rowspan="2">0</th>	831.5	847.5	24.2	0	
3	QPSK	1	0	23.45	23.55	23.59			
3	QPSK	1	8	23.38	23.46	23.47	23.2	1	
3	QPSK	1	14	23.48	23.53	23.57			
3	QPSK	8	0	22.47	22.57	22.56			
3	QPSK	8	4	22.41	22.42	22.47	23.2	1	
3	QPSK	8	7	22.48	22.54	22.49			
3	QPSK	15	0	22.47	22.54	22.54			
3	16QAM	1	0	22.54	22.57	22.65	23.2	1	
3	16QAM	1	8	22.69	22.82	22.79			
3	16QAM	1	14	22.83	22.81	22.70			
3	16QAM	8	0	21.42	21.50	21.49	22.2	2	
3	16QAM	8	4	21.48	21.60	21.54			
3	16QAM	8	7	21.47	21.58	21.48			
3	16QAM	15	0	21.40	21.53	21.54	22.2	2	
3	64QAM	1	0	21.45	21.58	21.57			
3	64QAM	1	8	21.53	21.70	21.71			
3	64QAM	1	14	21.64	21.68	21.71	21.2	3	
3	64QAM	8	0	20.46	20.46	20.52			
3	64QAM	8	4	20.50	20.61	20.55			
3	64QAM	8	7	20.56	20.62	20.54	21.2	3	
3	64QAM	15	0	20.44	20.47	20.54			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7 <th>831.5</th> <th>848.3</th> <th rowspan="2">24.2</th> <th colspan="2" rowspan="2">0</th>	831.5	848.3	24.2	0	
1.4	QPSK	1	0	23.51	23.58	23.56			
1.4	QPSK	1	3	23.40	23.53	23.47	24.2	0	
1.4	QPSK	1	5	23.43	23.49	23.55			
1.4	QPSK	3	0	23.51	23.56	23.54			
1.4	QPSK	3	1	23.26	23.49	23.32	23.2	1	
1.4	QPSK	3	3	23.29	23.36	23.43			
1.4	QPSK	6	0	22.49	22.53	22.56			
1.4	16QAM	1	0	22.54	22.58	22.61	23.2	1	
1.4	16QAM	1	3	22.69	22.75	22.85			
1.4	16QAM	1	5	22.76	22.82	22.82			
1.4	16QAM	3	0	22.39	22.51	22.57	23.2	1	
1.4	16QAM	3	1	22.60	22.66	22.72			
1.4	16QAM	3	3	22.63	22.78	22.60			
1.4	16QAM	6	0	21.48	21.58	21.55	22.2	2	
1.4	64QAM	1	0	21.45	21.55	21.54			
1.4	64QAM	1	3	21.58	21.77	21.79			
1.4	64QAM	1	5	21.63	21.67	21.64	22.2	2	
1.4	64QAM	3	0	21.43	21.46	21.53			
1.4	64QAM	3	1	21.47	21.64	21.68			
1.4	64QAM	3	3	21.58	21.53	21.60	21.2	3	
1.4	64QAM	6	0	20.41	20.47	20.55			

Band 66_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	22.11	22.24	22.42	23.3		0
20	QPSK	1	49	21.95	22.15	22.28			
20	QPSK	1	99	22.04	22.17	22.40			
20	QPSK	50	0	22.10	22.23	22.41	23.3		0
20	QPSK	50	24	22.06	22.15	22.38			
20	QPSK	50	50	22.05	22.20	22.29			
20	QPSK	100	0	22.08	22.21	22.40	23.3		0
20	16QAM	1	49	21.97	22.12	22.31			
20	16QAM	1	99	21.97	22.12	22.31			
20	16QAM	1	49	21.95	22.16	22.36	22.8		0.5
20	16QAM	50	0	21.34	21.14	21.15			
20	16QAM	50	24	21.31	21.11	21.15			
20	16QAM	50	50	21.22	21.09	21.15	21.8		1.5
20	16QAM	100	0	21.30	21.10	21.15			
20	16QAM	1	0	21.47	21.48	21.35			
20	16QAM	1	49	21.44	21.45	21.28	22.8		0
20	16QAM	1	99	21.40	21.29	21.34			
20	16QAM	50	0	20.32	20.12	20.17			
20	16QAM	50	24	20.30	20.10	20.16	21.8		1.5
20	16QAM	50	50	20.20	20.08	20.20			
20	16QAM	100	0	20.28	20.09	20.15			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	21.97	22.12	22.34	23.3		0
15	QPSK	1	37	22.08	22.13	22.29			
15	QPSK	1	74	22.07	22.20	22.26			
15	QPSK	36	0	21.99	22.10	22.19	23.3		0
15	QPSK	36	20	22.03	22.21	22.38			
15	QPSK	36	39	22.04	22.13	22.33			
15	QPSK	75	0	22.05	22.09	22.28	23.3		0
15	16QAM	1	0	22.01	22.17	22.34			
15	16QAM	1	37	22.04	22.15	22.40			
15	16QAM	1	74	22.00	22.09	22.35	22.8		0.5
15	16QAM	36	0	21.83	21.62	21.06			
15	16QAM	36	20	21.20	21.02	21.00			
15	16QAM	36	39	21.10	21.15	21.13	22.8		0.5
15	16QAM	75	0	21.22	21.00	21.00			
15	16QAM	1	0	21.40	21.38	21.21			
15	16QAM	1	37	21.37	21.20	21.14	22.8		0.5
15	16QAM	1	74	21.33	21.22	21.19			
15	16QAM	36	0	20.26	20.03	20.05			
15	16QAM	36	20	20.18	20.08	20.05	21.8		1.5
15	16QAM	36	39	20.17	20.10	20.17			
15	16QAM	75	0	20.17	20.01	20.08			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	22.05	22.18	22.33	23.3		0
10	QPSK	1	25	22.08	22.17	22.28			
10	QPSK	1	49	21.97	22.16	22.36			
10	QPSK	25	0	22.09	22.19	22.38	23.3		0
10	QPSK	25	12	22.02	22.19	22.36			
10	QPSK	25	25	21.98	22.20	22.28			
10	QPSK	50	0	21.96	22.15	22.28	23.3		0
10	16QAM	1	0	22.07	22.15	22.33			
10	16QAM	1	25	22.02	22.12	22.24			
10	16QAM	1	49	22.02	22.19	22.35	22.8		0.5
10	16QAM	25	0	21.28	21.08	21.13			
10	16QAM	25	12	21.16	21.07	21.02			
10	16QAM	25	25	21.20	21.08	21.10	22.8		0.5
10	16QAM	50	0	21.19	21.05	21.11			
10	16QAM	1	0	21.32	21.43	21.31			
10	16QAM	1	25	21.21	21.11	21.09	22.8		0.5
10	16QAM	1	49	21.37	21.19	21.19			
10	16QAM	25	0	20.18	20.11	20.05			
10	16QAM	25	12	20.22	20.20	20.12	21.8		1.5
10	16QAM	25	25	20.05	20.18	20.24			
10	16QAM	50	0	20.19	20.07	20.05			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	22.08	22.16	22.26	23.3		0
5	QPSK	1	12	22.07	22.09	22.32			
5	QPSK	1	24	22.07	22.09	22.37			
5	QPSK	12	0	22.02	22.17	22.26	23.3		0
5	QPSK	12	7	22.04	22.19	22.36			
5	QPSK	12	13	22.09	22.13	22.27			
5	QPSK	25	0	21.98	22.13	22.31	23.3		0
5	16QAM	1	0	22.07	22.11	22.36			
5	16QAM	1	12	22.01	22.20	22.30			
5	16QAM	1	24	21.95	22.22	22.39	22.8		0.5
5	16QAM	12	0	21.21	21.11	21.12			
5	16QAM	12	7	21.19	21.05	21.14			
5	16QAM	12	13	21.07	21.11	21.11	22.8		0.5
5	16QAM	25	0	21.21	21.15	21.12			
5	16QAM	1	0	21.38	21.35	21.28			
5	16QAM	1	12	21.36	21.18	21.17	21.8		1.5
5	16QAM	1	24	21.32	21.28	21.28			
5	16QAM	12	0	20.31	20.09	20.13			
5	16QAM	12	7	20.16	20.24	20.33	21.8		1.5
5	16QAM	12	13	20.19	20.13	20.12			
5	16QAM	25	0	20.21	20.02	20.11			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	22.02	22.12	22.28	23.3		0
3	QPSK	1	8	21.95	22.12	22.28			
3	QPSK	1	14	21.96	22.19	22.33			
3	QPSK	8	0	22.02	22.17	22.28	23.3		0
3	QPSK	8	4	22.06	22.09	22.35			
3	QPSK	8	7	21.96	22.22	22.35			
3	QPSK	16	0	21.99	22.12	22.33	23.3		0
3	16QAM	1	0	22.02	22.12	22.35			
3	16QAM	1	8	22.03	22.19	22.26			
3	16QAM	1	14	21.97	22.14	22.31	22.8		0.5
3	16QAM	8	0	21.32	21.07	21.12			
3	16QAM	8	4	21.30	21.05	21.09			
3	16QAM	8	7	21.17	21.11	21.12	22.8		0.5
3	16QAM	15	0	21.15	21.04	21.00			
3	16QAM	1	0	21.36	21.22	21.34			
3	16QAM	1	8	21.31	21.18	21.14	21.8		1.5
3	16QAM	1	14	21.33	21.15	21.20			
3	16QAM	8	0	20.30	20.06	20.14			
3	16QAM	8	4	20.23	20.07	20.02	21.8		1.5
3	16QAM	8	7	20.11	20.00	20.05			
3	16QAM	15	0	20.18	20.02	20.09			
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	21.96	22.13	22.34	23.3		0
1.4	QPSK	1	3	21.95	22.11	22.29			
1.4	QPSK	1	5	22.03	22.10	22.30			
1.4	QPSK	3	0	21.99	22.15	22.28	23.3		0
1.4	QPSK	3	1	22.03	22.21	22.33			
1.4	QPSK	3	3	22.07	22.18	22.40			
1.4	QPSK	6	0	22.00	22.08	22.27	23.3		0
1.4	16QAM	1	0	22.04	22.19	22.32			
1.4	16QAM	1	3	21.98	22.22	22.40			
1.4	16QAM	1	5	22.07	22.10	22.30	23.3		0
1.4	16QAM	3	0	22.06	22.17	22.34			
1.4	16QAM	3	1	21.99	22.15	22.31			
1.4	16QAM	3	3	21.96	22.16	22.32	22.8		0.5
1.4	16QAM	6	0	21.21	21.05	21.03			
1.4	16QAM	1	0	21.24	21.05	21.14			
1.4	16QAM	1	3	21.11	21.06	21.13	22.8		0.5
1.4	16QAM	1	5	21.16	21.09	21.10			
1.4	16QAM	3	0	21.21	21.04	21.24			
1.4	16QAM	3	1	21.37	21.20	21.14	21.8		1.5
1.4	16QAM	3	3	21.37	21.17	21.27			
1.4	16QAM	6	0	20.25	20.05	20.06			

Band 66_Ant 4												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				132072	132322	132572	21.8	0				
Frequency (MHz)				1720	1745	1770						
20	QPSK	1	0	20.63	20.87	21.25				21.8	0	
20	QPSK	1	49	20.53	20.72	21.19						
20	QPSK	1	99	20.59	20.81	21.12						
20	QPSK	50	0	20.61	20.85	21.23						
20	QPSK	50	24	20.46	20.70	21.11	21.8	0				
20	QPSK	50	50	20.48	20.79	21.17						
20	QPSK	100	0	20.60	20.83	21.21						
20	16QAM	1	0	20.50	20.80	21.08						
20	16QAM	1	49	20.60	20.77	21.18	21.8	0				
20	16QAM	1	99	20.60	20.77	21.18						
20	16QAM	50	0	20.56	20.75	21.21						
20	16QAM	50	24	20.49	20.80	21.19						
20	16QAM	50	50	20.53	20.74	21.20	21.8	0				
20	16QAM	100	0	20.52	20.76	21.16						
20	64QAM	1	0	20.58	20.77	21.11						
20	64QAM	1	49	20.60	20.79	21.18						
20	64QAM	1	99	20.52	20.82	21.12	21.8	0				
20	64QAM	50	0	20.52	20.74	21.17						
20	64QAM	50	24	20.51	20.81	21.09						
20	64QAM	50	50	20.58	20.76	21.16						
20	64QAM	100	0	20.47	20.75	21.17	21.8	0				
Channel				132047	132322	132597						
Frequency (MHz)				1717.5	1745	1772.5						
15	QPSK	1	0	20.52	20.75	21.16				21.8	0	
15	QPSK	1	37	20.51	20.83	21.17						
15	QPSK	1	74	20.53	20.83	21.20						
15	QPSK	36	0	20.50	20.78	21.21						
15	QPSK	36	20	20.48	20.80	21.21	21.8	0				
15	QPSK	36	39	20.56	20.71	21.22						
15	QPSK	75	0	20.55	20.76	21.11						
15	16QAM	1	0	20.49	20.73	21.20						
15	16QAM	1	37	20.46	20.80	21.13	21.8	0				
15	16QAM	1	74	20.46	20.73	21.10						
15	16QAM	36	0	20.53	20.72	21.12						
15	16QAM	36	20	20.54	20.80	21.16						
15	16QAM	36	39	20.58	20.74	21.15	21.8	0				
15	16QAM	75	0	20.59	20.78	21.12						
15	64QAM	1	0	20.49	20.77	21.08						
15	64QAM	1	37	20.53	20.77	21.16						
15	64QAM	1	74	20.59	20.73	21.16	21.8	0				
15	64QAM	36	0	20.46	20.84	21.15						
15	64QAM	36	20	20.52	20.70	21.08						
15	64QAM	36	39	20.58	20.84	21.22						
15	64QAM	75	0	20.50	20.71	21.17	21.8	0				
Channel				132022	132322	132622						
Frequency (MHz)				1715	1745	1775						
10	QPSK	1	0	20.51	20.71	21.14				21.8	0	
10	QPSK	1	25	20.52	20.73	21.17						
10	QPSK	1	49	20.54	20.76	21.19						
10	QPSK	25	0	20.50	20.83	21.16						
10	QPSK	25	12	20.46	20.75	21.21	21.8	0				
10	QPSK	25	25	20.52	20.78	21.11						
10	QPSK	50	0	20.49	20.76	21.18						
10	16QAM	1	0	20.55	20.75	21.13						
10	16QAM	1	25	20.48	20.74	21.15	21.8	0				
10	16QAM	1	49	20.50	20.79	21.18						
10	16QAM	25	0	20.52	20.71	21.09						
10	16QAM	25	12	20.55	20.79	21.12						
10	16QAM	25	25	20.55	20.79	21.18	21.8	0				
10	16QAM	50	0	20.55	20.78	21.08						
10	64QAM	1	0	20.51	20.70	21.15						
10	64QAM	1	25	20.58	20.76	21.14						
10	64QAM	1	49	20.55	20.73	21.21	21.8	0				
10	64QAM	25	0	20.47	20.78	21.18						
10	64QAM	25	12	20.53	20.74	21.10						
10	64QAM	25	25	20.48	20.72	21.09						
10	64QAM	50	0	20.56	20.75	21.11	21.8	0				
Channel				131997	132322	132647						
Frequency (MHz)				1712.5	1745	1777.5						
5	QPSK	1	0	20.52	20.74	21.10				21.8	0	
5	QPSK	1	12	20.49	20.75	21.08						
5	QPSK	1	24	20.48	20.80	21.11						
5	QPSK	12	0	20.47	20.78	21.09						
5	QPSK	12	7	20.57	20.81	21.09	21.8	0				
5	QPSK	12	13	20.50	20.71	21.12						
5	QPSK	25	0	20.59	20.84	21.10						
5	16QAM	1	0	20.56	20.84	21.20						
5	16QAM	1	12	20.54	20.79	21.17	21.8	0				
5	16QAM	1	24	20.51	20.73	21.22						
5	16QAM	12	0	20.46	20.79	21.21						
5	16QAM	12	7	20.51	20.84	21.16						
5	16QAM	12	13	20.53	20.73	21.10	21.8	0				
5	16QAM	25	0	20.58	20.77	21.21						
5	64QAM	1	0	20.52	20.70	21.22						
5	64QAM	1	12	20.58	20.71	21.17						
5	64QAM	1	24	20.50	20.83	21.16	21.8	0				
5	64QAM	12	0	20.56	20.81	21.08						
5	64QAM	12	7	20.47	20.77	21.14						
5	64QAM	12	13	20.53	20.71	21.17						
5	64QAM	25	0	20.53	20.82	21.19	21.8	0				
Channel				131987	132322	132657						
Frequency (MHz)				1711.5	1745	1778.5						
3	QPSK	1	0	20.59	20.83	21.09				21.8	0	
3	QPSK	1	8	20.51	20.82	21.20						
3	QPSK	1	14	20.50	20.81	21.14						
3	QPSK	8	0	20.48	20.80	21.14						
3	QPSK	8	4	20.57	20.76	21.17	21.8	0				
3	QPSK	8	7	20.46	20.82	21.14						
3	QPSK	15	0	20.51	20.83	21.08						
3	16QAM	1	0	20.51	20.81	21.13						
3	16QAM	1	8	20.50	20.77	21.18	21.8	0				
3	16QAM	1	14	20.60	20.73	21.13						
3	16QAM	8	0	20.56	20.82	21.20						
3	16QAM	8	4	20.46	20.70	21.19						
3	16QAM	8	7	20.51	20.70	21.22	21.8	0				
3	16QAM	15	0	20.55	20.75	21.20						
3	64QAM	1	0	20.56	20.75	21.16						
3	64QAM	1	8	20.46	20.73	21.09						
3	64QAM	1	14	20.48	20.72	21.14	21.8	0				
3	64QAM	8	0	20.47	20.72	21.09						
3	64QAM	8	4	20.52	20.84	21.11						
3	64QAM	8	7	20.55	20.84	21.21						
3	64QAM	15	0	20.59	20.84	21.13	21.8	0				
Channel				131979	132322	132685						
Frequency (MHz)				1710.7	1745	1779.3						
1.4	QPSK	1	0	20.50	20.77	21.11				21.8	0	
1.4	QPSK	1	3	20.49	20.82	21.09						
1.4	QPSK	1	5	20.59	20.74	21.17						
1.4	QPSK	3	0	20.59	20.71	21.22						
1.4	QPSK	3	1	20.54	20.82	21.10	21.8	0				
1.4	QPSK	3	3	20.60	20.82	21.08						
1.4	QPSK	6	0	20.50	20.72	21.15						
1.4	16QAM	1	0	20.52	20.77	21.19						
1.4	16QAM	1	3	20.55	20.82	21.10	21.8	0				
1.4	16QAM	1	5	20.60	20.80	21.22						
1.4	16QAM	3	0	20.47	20.72	21.18						
1.4	16QAM	3	1	20.49	20.73	21.18						
1.4	16QAM	3	3	20.58	20.80	21.16	21.8	0				
1.4	16QAM	6	0	20.60	20.73	21.17						
1.4	64QAM	1	0	20.51	20.80	21.08						
1.4	64QAM	1	3	20.57	20.84	21.17						
1.4	64QAM	1	5	20.48	20.81	21.10	21.8	0				
1.4	64QAM	3	0	20.57	20.79	21.16						
1.4	64QAM	3	1	20.47	20.71	21.18						
1.4	64QAM	3	3	20.57	20.73	21.22						
1.4	64QAM	6	0	20.54	20.79	21.14	21.8	0				

Band 38_Ant 3													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)					
Channel				37850	38000	38150							
Frequency (MHz)				2580	2595	2610							
20	QPSK	1	0	23.75	23.80	23.77	24.5	0					
20	QPSK	1	49	23.71	23.76	23.69							
20	QPSK	1	99	23.74	23.75	23.66							
20	QPSK	50	0	22.93	22.95	22.93							
20	QPSK	50	24	22.72	22.72	22.71	23.5	1					
20	QPSK	50	50	22.74	22.77	22.76							
20	QPSK	100	0	22.81	22.84	22.82							
20	16QAM	1	0	22.91	22.88	22.88							
20	16QAM	1	49	22.99	22.95	22.93	23.5	1					
20	16QAM	1	99	23.01	22.95	23.07							
20	16QAM	50	0	21.82	21.83	21.82							
20	16QAM	50	24	21.89	21.85	21.86							
20	16QAM	50	50	21.81	21.86	21.84	22.5	2					
20	16QAM	100	0	21.89	21.86	21.89							
20	64QAM	1	0	21.75	21.77	21.74							
20	64QAM	1	49	21.81	21.77	21.81							
20	64QAM	1	99	21.87	21.82	21.97	21.5	3					
20	64QAM	50	0	20.83	20.80	20.81							
20	64QAM	50	24	20.86	20.81	20.87							
20	64QAM	50	50	20.91	20.85	20.94							
20	64QAM	100	0	20.86	20.85	20.87	Turn-up limit (dBm) MPR (dB)						
Channel				37850	38000	38150							
Frequency (MHz)				2577.5	2595	2612.5							
15	QPSK	1	0	23.66	23.72	23.69	24.5	0					
15	QPSK	1	37	23.62	23.63	23.54							
15	QPSK	1	74	23.67	23.65	23.61							
15	QPSK	36	0	22.74	22.70	22.68							
15	QPSK	36	20	22.66	22.65	22.56	23.5	1					
15	QPSK	36	39	22.67	22.70	22.71							
15	QPSK	75	0	22.66	22.71	22.68							
15	16QAM	1	0	22.76	22.81	22.74							
15	16QAM	1	49	22.86	22.86	22.85	23.5	1					
15	16QAM	1	74	22.96	22.84	22.94							
15	16QAM	36	0	21.76	21.75	21.73							
15	16QAM	36	20	21.78	21.78	21.71							
15	16QAM	36	39	21.86	21.80	21.87	22.5	2					
15	16QAM	75	0	21.77	21.74	21.74							
15	64QAM	1	0	21.65	21.69	21.65							
15	64QAM	1	37	21.76	21.68	21.73							
15	64QAM	1	74	21.77	21.73	21.89	22.5	2					
15	64QAM	36	0	20.72	20.75	20.68							
15	64QAM	36	20	20.76	20.71	20.77							
15	64QAM	36	39	20.76	20.72	20.80							
15	64QAM	75	0	20.75	20.75	20.75	Turn-up limit (dBm) MPR (dB)						
Channel				37800	38000	38200							
Frequency (MHz)				2575	2595	2615							
10	QPSK	1	0	23.65	23.69	23.68	24.5	0					
10	QPSK	1	25	23.62	23.68	23.64							
10	QPSK	1	49	23.62	23.65	23.56							
10	QPSK	25	0	22.69	22.71	22.72							
10	QPSK	25	12	22.69	22.60	22.63	23.5	1					
10	QPSK	25	25	22.67	22.71	22.66							
10	QPSK	50	0	22.73	22.79	22.69							
10	16QAM	1	0	22.81	22.76	22.80							
10	16QAM	1	25	22.84	22.92	22.84	23.5	1					
10	16QAM	1	49	22.90	22.93	22.96							
10	16QAM	25	0	21.71	21.74	21.71							
10	16QAM	25	12	21.82	21.77	21.76							
10	16QAM	25	25	21.82	21.78	21.86	22.5	2					
10	16QAM	50	0	21.82	21.71	21.82							
10	64QAM	1	0	21.62	21.69	21.66							
10	64QAM	1	25	21.70	21.69	21.71							
10	64QAM	1	49	21.76	21.69	21.88	22.5	2					
10	64QAM	25	0	20.76	20.71	20.72							
10	64QAM	25	12	20.76	20.69	20.74							
10	64QAM	25	25	20.76	20.78	20.86							
10	64QAM	50	0	20.71	20.73	20.73	Turn-up limit (dBm) MPR (dB)						
Channel				37775	38000	38225							
Frequency (MHz)				2572.5	2595	2617.5							
5	QPSK	1	0	23.65	23.75	23.63	24.5	0					
5	QPSK	1	12	23.62	23.67	23.58							
5	QPSK	1	24	23.66	23.63	23.61							
5	QPSK	12	0	22.78	22.76	22.73							
5	QPSK	12	7	22.63	22.65	22.55	23.5	1					
5	QPSK	12	13	22.61	22.70	22.73							
5	QPSK	25	0	22.74	22.75	22.75							
5	16QAM	1	0	22.82	22.78	22.74							
5	16QAM	1	12	22.92	22.93	22.84	23.5	1					
5	16QAM	1	24	22.95	22.83	23.01							
5	16QAM	12	0	21.77	21.69	21.71							
5	16QAM	12	7	21.77	21.72	21.77							
5	16QAM	12	13	21.83	21.81	21.82	22.5	2					
5	16QAM	25	0	21.82	21.79	21.78							
5	64QAM	1	0	21.67	21.68	21.66							
5	64QAM	1	12	21.73	21.68	21.68							
5	64QAM	1	24	21.77	21.76	21.92	21.5	3					
5	64QAM	12	0	20.78	20.75	20.71							
5	64QAM	12	7	20.79	20.67	20.72							
5	64QAM	12	13	20.84	20.79	20.85							
5	64QAM	25	0	20.75	20.79	20.79	Turn-up limit (dBm) MPR (dB)						

Band 38_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	23.03	23.14	23.05	24	0		
20	QPSK	1	49	23.01	23.10	23.04				
20	QPSK	1	99	22.96	23.06	23.03				
20	QPSK	50	0	22.94	22.95	22.94				
20	QPSK	50	24	21.94	22.05	22.07	23	1		
20	QPSK	50	50	22.01	22.02	22.00				
20	QPSK	100	0	21.99	22.05	22.03				
20	16QAM	1	0	22.02	22.01	21.91				
20	16QAM	1	49	22.08	22.20	22.16	23	1		
20	16QAM	1	99	22.19	22.16	22.25				
20	16QAM	50	0	20.91	20.97	21.01				
20	16QAM	50	24	20.99	21.05	20.99				
20	16QAM	50	50	21.10	21.10	21.12	22	2		
20	16QAM	100	0	21.00	21.02	20.99				
20	64QAM	1	0	20.85	20.93	20.85				
20	64QAM	1	49	20.93	21.02	20.90				
20	64QAM	1	99	20.95	21.01	20.97	21	3		
20	64QAM	50	0	19.94	20.01	19.94				
20	64QAM	50	24	20.03	20.06	19.96				
20	64QAM	50	50	20.01	20.09	20.10				
20	64QAM	100	0	20.04	20.02	19.98				
Channel				2677.5	2695	2672.5	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2677.5	2695	2672.5				
15	QPSK	1	0	22.97	23.07	22.98	23	1		
15	QPSK	1	37	22.93	23.05	22.90				
15	QPSK	1	74	22.87	22.91	22.89				
15	QPSK	36	0	21.99	22.05	22.04				
15	QPSK	36	20	21.84	21.90	22.00	23	1		
15	QPSK	36	39	21.95	21.88	21.90				
15	QPSK	75	0	21.93	22.00	21.89				
15	16QAM	1	0	21.92	21.92	21.83				
15	16QAM	1	27	21.97	22.07	22.07	23	1		
15	16QAM	1	74	22.10	22.04	22.10				
15	16QAM	36	0	20.77	20.85	20.96				
15	16QAM	36	20	20.93	20.98	20.97				
15	16QAM	36	39	21.05	21.07	21.05	22	2		
15	16QAM	75	0	20.88	20.97	20.89				
15	64QAM	1	0	20.74	20.83	20.80				
15	64QAM	1	37	20.83	20.92	20.82				
15	64QAM	1	74	20.81	20.90	20.82	21	2		
15	64QAM	36	0	19.84	19.94	19.91				
15	64QAM	36	20	19.95	19.91	19.89				
15	64QAM	36	39	19.86	19.95	19.98				
15	64QAM	75	0	19.98	19.96	19.98	21	3		
15	64QAM	75	39	19.89	19.98	19.98				
15	64QAM	100	0	19.90	19.90	19.90				
15	64QAM	100	39	19.80	19.90	19.90				
Channel				37850	38000	38250	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2675	2695	2675				
10	QPSK	1	0	22.96	22.99	23.00	23	1		
10	QPSK	1	25	22.94	23.03	22.99				
10	QPSK	1	49	22.83	22.93	22.84				
10	QPSK	1	74	22.97	22.97	22.92				
10	QPSK	25	12	21.85	21.96	21.92	23	1		
10	QPSK	25	25	21.93	21.88	21.92				
10	QPSK	50	0	21.90	21.92	21.88				
10	16QAM	1	0	21.88	21.92	21.83				
10	16QAM	1	25	22.02	22.06	22.03	22	1		
10	16QAM	1	49	22.13	22.02	22.16				
10	16QAM	25	0	20.85	20.89	20.90				
10	16QAM	25	12	20.91	20.90	20.88				
10	16QAM	25	25	21.00	21.00	21.00	21	3		
10	16QAM	50	0	20.80	20.93	20.89				
10	64QAM	1	0	20.74	20.88	20.70				
10	64QAM	1	25	20.92	20.89	20.83				
10	64QAM	1	49	20.96	20.90	20.92	21	2		
10	64QAM	25	0	19.84	19.86	19.87				
10	64QAM	25	12	19.98	19.99	19.83				
10	64QAM	25	25	19.89	19.98	20.03				
10	64QAM	50	0	19.88	19.98	19.92				
Channel				37775	38000	38225	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2677.5				
5	QPSK	1	0	22.94	23.06	22.99	24	0		
5	QPSK	1	12	22.91	22.98	22.96				
5	QPSK	1	24	22.87	22.92	22.86				
5	QPSK	12	0	21.95	22.04	22.05				
5	QPSK	12	7	21.79	21.95	21.99	23	1		
5	QPSK	12	13	21.91	21.90	21.87				
5	QPSK	25	0	21.85	21.93	21.85				
5	16QAM	1	0	21.90	21.89	21.81				
5	16QAM	1	12	21.98	22.10	22.04	23	1		
5	16QAM	1	24	22.13	22.06	22.20				
5	16QAM	12	0	20.84	20.88	20.88				
5	16QAM	12	7	20.87	20.90	20.88				
5	16QAM	12	13	21.03	21.04	20.98	22	2		
5	16QAM	25	0	20.86	20.96	20.88				
5	64QAM	1	0	20.75	20.84	20.73				
5	64QAM	1	12	20.78	20.88	20.73				
5	64QAM	1	24	20.85	20.94	20.96	21	3		
5	64QAM	12	0	19.79	19.86	19.87				
5	64QAM	12	7	19.95	19.96	19.88				
5	64QAM	12	13	19.92	19.95	19.96				
5	64QAM	25	0	19.97	19.93	19.98				

Band 41_Ant 3													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Time-up limit (dBm)	MPR (dB)			
Channel													
Frequency (MHz)													
20	QPSK	1	0	21.30	21.00	21.00	20.38	21.10					
20	QPSK	1	49	21.27	20.96	20.95	20.95	20.95	22	0			
20	QPSK	1	99	21.20	20.93	20.87	20.82	20.95					
20	QPSK	50	0	21.18	20.97	20.87	20.82	20.95					
20	QPSK	50	24	21.14	20.94	20.94	20.94	21.07	22	0			
20	QPSK	50	50	21.26	20.95	20.88	20.94	21.01					
20	QPSK	100	0	21.26	21.01	20.97	20.95	21.06					
20	16QAM	1	0	21.26	20.96	20.95	20.88	21.03	22	0			
20	16QAM	1	49	21.16	20.91	20.87	20.87	21.05					
20	16QAM	1	99	21.17	20.91	20.94	20.85	21.01					
20	16QAM	50	0	21.24	21.02	20.87	20.87	21.02					
20	16QAM	50	24	21.23	21.02	20.92	20.92	20.97	22	0			
20	16QAM	50	50	21.16	20.99	20.88	20.84	21.05					
20	16QAM	100	0	21.20	20.97	20.91	20.88	20.98					
20	64QAM	1	0	21.21	20.89	20.95	20.82	21.05	22	0			
20	64QAM	1	49	21.16	21.01	20.87	20.89	21.03					
20	64QAM	1	99	21.20	21.00	20.90	20.91	21.05					
20	64QAM	50	0	20.87	20.44	20.37	20.33	20.41					
20	64QAM	50	24	20.73	20.44	20.43	20.37	20.43	21.5	0.5			
20	64QAM	50	50	20.81	20.47	20.45	20.45	20.48					
20	64QAM	100	0	20.74	20.46	20.41	20.41	20.44					
Channel													
Frequency (MHz)													
15	QPSK	1	0	21.13	20.91	20.88	20.86	21.01					
15	QPSK	1	37	21.22	20.89	20.84	20.87	21.01	22	0			
15	QPSK	1	74	21.18	20.98	20.83	20.90	20.95					
15	QPSK	36	0	21.21	21.01	20.93	20.82	21.00					
15	QPSK	36	39	21.16	20.97	20.87	20.96	21.01	22	0			
15	QPSK	36	39	21.13	20.97	20.89	20.88	20.96					
15	QPSK	75	0	21.26	20.96	20.90	20.84	20.98					
15	16QAM	1	0	21.23	20.99	20.83	20.90	20.98	22	0			
15	16QAM	1	37	21.23	20.93	20.88	20.96	20.97					
15	16QAM	1	74	21.20	20.89	20.97	20.95	20.93					
15	16QAM	36	0	21.27	21.01	20.88	20.82	21.07					
15	16QAM	36	20	21.25	20.91	20.97	20.83	21.02	22	0			
15	16QAM	36	39	21.20	20.96	20.92	20.85	21.00					
15	16QAM	75	0	21.15	21.02	20.98	20.96	21.05					
15	64QAM	1	0	21.14	20.89	20.83	20.87	21.00					
15	64QAM	1	37	21.15	21.01	20.96	20.87	20.99					
15	64QAM	1	74	21.26	20.95	20.83	20.95	20.96					
15	64QAM	36	0	20.80	20.36	20.22	20.30	20.36					
15	64QAM	36	20	20.58	20.39	20.38	20.27	20.34	21.5	0.5			
15	64QAM	36	39	20.74	20.40	20.30	20.42	20.37					
15	64QAM	75	0	20.61	20.40	20.32	20.28	20.34					
Channel													
Frequency (MHz)													
5	QPSK	1	0	21.22	20.94	20.86	20.94	21.07					
5	QPSK	1	12	21.22	20.90	20.87	20.90	21.06	22	0			
5	QPSK	1	24	21.16	20.92	20.95	20.84	21.03					
5	QPSK	12	0	21.20	21.01	20.84	20.89	20.93					
5	QPSK	12	7	21.24	20.91	20.91	20.85	20.99	22	0			
5	QPSK	12	13	21.23	21.00	20.83	20.90	20.99					
5	QPSK	25	0	21.18	20.91	20.88	20.82	21.07					
5	16QAM	1	0	21.15	20.93	20.87	20.90	20.99					
5	16QAM	1	12	21.15	20.94	20.84	20.85	20.98	22	0			
5	16QAM	1	24	21.22	20.94	20.90	20.91	21.07					
5	16QAM	12	0	21.16	21.00	20.86	20.90	20.94					
5	16QAM	12	7	21.18	20.94	20.87	20.86	21.03	22	0			
5	16QAM	12	13	21.13	20.98	20.96	20.91	21.09					
5	16QAM	25	0	21.18	20.91	20.84	20.93	20.94					
5	64QAM	1	0	21.22	20.94	20.97	20.96	20.97					
5	64QAM	1	12	21.18	20.95	20.86	20.86	20.94	22	0			
5	64QAM	1	24	21.13	20.88	20.83	20.94	21.03					
5	64QAM	12	0	20.56	20.37	20.25	20.23	20.36					
5	64QAM	12	7	20.65	20.30	20.31	20.31	20.43	21.5	0.5			
5	64QAM	12	13	20.66	20.33	20.37	20.31	20.43					
5	64QAM	25	0	20.66	20.34	20.33	20.33	20.35					

Band 41_Ant 1													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Time-up limit (dBm)	MPR (dB)		
Channel													
Frequency (MHz)													
20	QPSK	1	0	20.69	20.66	20.58	20.55	20.59	20.65	21.5	0		
20	QPSK	1	49	20.65	20.54	20.54	20.54	20.54	20.54				
20	QPSK	1	99	20.53	20.64	20.46	20.52	20.52	20.48				
20	QPSK	50	0	20.67	20.61	20.53	20.48	20.56	20.61				
20	QPSK	50	24	20.58	20.50	20.54	20.52	20.61	20.58	21.5	0		
20	QPSK	50	50	20.60	20.59	20.55	20.54	20.60	20.60				
20	QPSK	100	0	20.65	20.63	20.55	20.55	20.61	20.61				
20	16QAM	1	0	20.54	20.52	20.41	20.49	20.50	20.50				
20	16QAM	1	49	20.59	20.53	20.48	20.50	20.50	20.50	21.5	0		
20	16QAM	1	99	20.64	20.60	20.55	20.48	20.59	20.59				
20	16QAM	50	0	20.59	20.52	20.52	20.54	20.60	20.60				
20	16QAM	50	24	20.58	20.56	20.47	20.44	20.53	20.53				
20	16QAM	50	50	20.60	20.55	20.46	20.48	20.62	20.62	21.5	0		
20	16QAM	100	0	20.59	20.51	20.50	20.51	20.61	20.61				
20	64QAM	1	0	20.62	20.56	20.47	20.44	20.62	20.62				
20	64QAM	1	49	20.65	20.57	20.48	20.50	20.49	20.49				
20	64QAM	1	99	20.58	20.56	20.41	20.46	20.48	20.48	21	0.5		
20	64QAM	50	0	20.53	20.27	20.08	20.20	20.16	20.16				
20	64QAM	50	24	20.36	20.33	20.18	20.25	20.28	20.28				
20	64QAM	50	50	20.44	20.38	20.23	20.33	20.35	20.35				
20	64QAM	100	0	20.39	20.37	20.18	20.25	20.27	20.27	Channel			
Frequency (MHz)				2560.5	2548.3	2593	2637.8	2682.5		Time-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	20.54	20.53	20.45	20.55	20.60		21.5	0		
15	QPSK	1	37	20.58	20.63	20.51	20.52	20.48					
15	QPSK	1	74	20.65	20.56	20.41	20.55	20.49					
15	QPSK	36	0	20.65	20.57	20.50	20.47	20.61					
15	QPSK	36	20	20.63	20.63	20.53	20.48	20.61		21.5	0		
15	QPSK	36	39	20.63	20.62	20.45	20.49	20.59					
15	QPSK	75	0	20.52	20.63	20.52	20.45	20.50					
15	16QAM	1	0	20.54	20.60	20.48	20.49	20.54					
15	16QAM	1	37	20.56	20.54	20.42	20.52	20.49		21.5	0		
15	16QAM	1	74	20.55	20.58	20.54	20.46	20.59					
15	16QAM	36	0	20.68	20.55	20.46	20.45	20.53					
15	16QAM	36	20	20.58	20.63	20.49	20.52	20.58					
15	16QAM	36	39	20.62	20.58	20.44	20.53	20.59		21.5	0		
15	16QAM	75	0	20.54	20.50	20.55	20.35	20.49					
15	64QAM	1	0	20.60	20.62	20.45	20.42	20.61					
15	64QAM	1	37	20.62	20.53	20.51	20.54	20.48					
15	64QAM	1	74	20.62	20.64	20.45	20.54	20.53		21.5	0		
15	64QAM	36	0	20.17	20.15	20.01	20.18	20.14					
15	64QAM	36	20	20.25	20.23	20.06	20.20	20.23					
15	64QAM	36	39	20.39	20.31	20.17	20.18	20.31					
15	64QAM	75	0	20.28	20.32	20.24	20.25	20.14		21	0.5		
Channel				39700	40190	40260	41080	41540					
Frequency (MHz)				2570.1	2547	2593	2639	2686					
Frequency (MHz)				20.66	20.62	20.48	20.45	20.54					
10	QPSK	1	0	20.66	20.62	20.48	20.45	20.54		21.5	0		
10	QPSK	1	25	20.61	20.64	20.48	20.56	20.48					
10	QPSK	1	49	20.62	20.55	20.48	20.42	20.48					
10	QPSK	25	0	20.66	20.59	20.45	20.42	20.59					
10	QPSK	25	12	20.63	20.61	20.42	20.43	20.56		21.5	0		
10	QPSK	25	25	20.64	20.52	20.41	20.53	20.57					
10	QPSK	50	0	20.62	20.63	20.55	20.44	20.62					
10	16QAM	1	0	20.54	20.53	20.41	20.49	20.50					
10	16QAM	1	25	20.59	20.60	20.41	20.45	20.54		21.5	0		
10	16QAM	1	49	20.63	20.53	20.48	20.46	20.56					
10	16QAM	25	0	20.52	20.63	20.43	20.49	20.55					
10	16QAM	25	12	20.54	20.54	20.43	20.42	20.58					
10	16QAM	25	25	20.55	20.63	20.51	20.46	20.52		21.5	0		
10	16QAM	50	0	20.60	20.52	20.52	20.47	20.53					
10	64QAM	1	0	20.65	20.50	20.43	20.47	20.58					
10	64QAM	1	25	20.68	20.58	20.46	20.47	20.58					
10	64QAM	1	49	20.58	20.52	20.52	20.47	20.50		21	0.5		
10	64QAM	25	0	20.17	20.15	20.08	20.13	20.15					
10	64QAM	25	12	20.29	20.26	20.07	20.24	20.25					
10	64QAM	25	25	20.38	20.28	20.15	20.33	20.28					
10	64QAM	50	0	20.25	20.28	20.12	20.23	20.23		Channel			
Frequency (MHz)				39675	40148	40260	41080	41547					
Frequency (MHz)				2498.5	2545.8	2593	2640.2	2687.2					
5	QPSK	1	0	20.63	20.63	20.49	20.59	20.56		21.5	0		
5	QPSK	1	12	20.56	20.63	20.51	20.45	20.54					
5	QPSK	1	24	20.55	20.54	20.41	20.47	20.54					
5	QPSK	12	0	20.62	20.57	20.54	20.51	20.50					
5	QPSK	12	7	20.62	20.63	20.51	20.46	20.51		21.5	0		
5	QPSK	12	13	20.65	20.56	20.49	20.45	20.50					
5	QPSK	26	0	20.67	20.57	20.42	20.47	20.51					
5	16QAM	1	0	20.54	20.63	20.48	20.45	20.57					
5	16QAM	1	12	20.58	20.59	20.46	20.51	20.51		21.5	0		
5	16QAM	1	24	20.65	20.63	20.53	20.49	20.55					
5	16QAM	12	0	20.65	20.52	20.45	20.50	20.54					
5	16QAM	12	7	20.53	20.52	20.49	20.49	20.52					
5	16QAM	12	13	20.62	20.57	20.43	20.54	20.62		21.5	0		
5	16QAM	25	0	20.56	20.64	20.48	20.44	20.51					
5	64QAM	1	0	20.56	20.63	20.46	20.50	20.48					
5	64QAM	1	12	20.59	20.61	20.49	20.48	20.52					
5	64QAM	1	24	20.63	20.62	20.50	20.52	20.52		21	0.5		
5	64QAM	12	0	20.08	20.20	20.07	20.16	20.01					
5	64QAM	12	7	20.23	20.25	20.12	20.25	20.14					
5	64QAM	12	13	20.32	20.28	20.11	20.32	20.23					
5	64QAM	25	0	20.28	20.25	20.04	20.22	20.14		Channel			

Reduced Power Mode for ECI 2

GSM850_Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.89	32.62	32.83	34.00	23.89	23.62	23.83	25.00
GPRS 1 Tx slot		32.87	32.60	32.81	34.00	23.87	23.60	23.81	25.00
GPRS 2 Tx slots		32.04	31.82	32.01	33.00	26.04	25.82	26.01	27.00
GPRS 3 Tx slots		30.43	30.18	30.40	31.00	26.17	25.92	26.14	26.74
GPRS 4 Tx slots		29.54	29.24	29.47	30.00	26.54	26.24	26.47	27.00
EDGE(GMSK 1 Tx slot)		32.84	32.56	32.83	34.00	23.84	23.56	23.83	25.00
EDGE(GMSK 2 Tx slot)		32.02	31.83	31.97	33.00	26.02	25.83	25.97	27.00
EDGE(GMSK 3 Tx slot)		30.40	30.13	30.37	31.00	26.14	25.87	26.11	26.74
EDGE(GMSK 4 Tx slot)		29.55	29.22	29.41	30.00	26.55	26.22	26.41	27.00
EDGE(8PSK 1 Tx slot)		26.51	26.52	26.52	27.50	17.51	17.52	17.52	18.50
EDGE(8PSK 2 Tx slot)		25.31	25.39	25.29	26.50	19.31	19.39	19.29	20.50
EDGE(8PSK 3 Tx slot)		23.19	23.30	23.21	24.50	18.93	19.04	18.95	20.24
EDGE(8PSK 4 Tx slot)		22.09	22.20	22.13	23.50	19.09	19.20	19.13	20.50

GSM1900_Ant 3		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	561	610		512	561	610	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		30.21	30.25	30.33	31.00	21.21	21.25	21.33	22.00
GPRS 1 Tx slot		30.19	30.22	30.29	31.00	21.19	21.22	21.29	22.00
GPRS 2 Tx slots		29.33	29.29	29.41	30.00	23.33	23.29	23.41	24.00
GPRS 3 Tx slots		27.31	27.27	27.42	28.00	23.05	23.01	23.16	23.74
GPRS 4 Tx slots		26.12	26.11	26.22	27.00	23.12	23.11	23.22	24.00
EDGE(GMSK 1 Tx slot)		30.22	30.23	30.31	31.00	21.22	21.23	21.31	22.00
EDGE(GMSK 2 Tx slot)		29.31	29.34	29.44	30.00	23.31	23.34	23.44	24.00
EDGE(GMSK 3 Tx slot)		27.30	27.32	27.43	28.00	23.04	23.06	23.17	23.74
EDGE(GMSK 4 Tx slot)		26.12	26.13	26.25	27.00	23.12	23.13	23.25	24.00
EDGE(8PSK 1 Tx slot)		25.34	25.30	25.32	26.50	18.34	18.30	18.32	17.50
EDGE(8PSK 2 Tx slot)		24.27	24.15	24.24	25.50	18.27	18.15	18.24	19.50
EDGE(8PSK 3 Tx slot)		22.05	22.00	22.02	23.50	17.79	17.74	17.78	19.24
EDGE(8PSK 4 Tx slot)		20.90	20.78	20.86	22.50	17.90	17.74	17.86	19.50

Band		WCDMA II_Ant 3			Tune-up Limit (dBm)	WCDMA II_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99 AMR 12.2Kbps		24.55	24.26	24.05	25.00	18.30	18.06	17.81	18.50
3GPP Rel 99 RMC 12.2Kbps		24.58	24.28	24.08	25.00	18.33	18.08	17.85	18.50
3GPP Rel 6 HSDPA Subtest-1		23.66	23.32	23.08	24.00	17.46	16.96	16.99	17.50
3GPP Rel 6 HSDPA Subtest-2		23.64	23.27	23.11	24.00	17.37	16.97	16.86	17.50
3GPP Rel 6 HSDPA Subtest-3		23.20	22.84	22.70	23.50	16.92	16.53	16.32	17.00
3GPP Rel 6 HSDPA Subtest-4		23.15	22.81	22.64	23.50	16.83	16.47	16.37	17.00
3GPP Rel 6 DC-HSDPA Subtest-1		23.58	23.21	23.06	24.00	17.27	16.85	16.85	17.50
3GPP Rel 6 DC-HSDPA Subtest-2		23.63	23.13	23.10	24.00	17.33	16.99	16.76	17.50
3GPP Rel 6 DC-HSDPA Subtest-3		23.12	22.72	22.65	23.50	16.81	16.54	16.33	17.00
3GPP Rel 6 DC-HSDPA Subtest-4		23.10	22.76	22.57	23.50	16.91	16.47	16.20	17.00
3GPP Rel 6 HSUPA Subtest-1		21.62	21.38	21.17	22.00	15.30	14.98	14.81	15.50
3GPP Rel 6 HSUPA Subtest-2		21.68	21.41	21.13	22.00	15.31	15.10	14.83	15.50
3GPP Rel 6 HSUPA Subtest-3		22.67	22.39	22.17	23.00	16.31	16.11	15.85	16.50
3GPP Rel 6 HSUPA Subtest-4		21.19	20.92	20.65	21.50	14.92	14.53	14.42	15.00
3GPP Rel 6 HSUPA Subtest-5		22.70	22.40	22.10	23.00	16.38	16.06	15.76	16.50
3GPP Rel 7 HSPA+ (16QAM) Subtest-1		21.11	21.13	21.05	22.50	14.81	14.79	14.72	16.00

Band		WCDMA V_Ant 3			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps		24.01	24.06	23.94	25.00	22.31	22.33	22.23	23.00
3GPP Rel 99 RMC 12.2Kbps		24.02	24.08	23.96	25.00	22.32	22.35	22.25	23.00
3GPP Rel 6 HSDPA Subtest-1		23.05	23.07	22.94	24.00	21.25	21.21	21.13	22.00
3GPP Rel 6 HSDPA Subtest-2		23.03	23.07	22.96	24.00	21.28	21.33	21.06	22.00
3GPP Rel 6 HSDPA Subtest-3		22.56	22.57	22.52	23.50	20.76	20.82	20.67	21.50
3GPP Rel 6 HSDPA Subtest-4		22.53	22.59	22.47	23.50	20.74	20.73	20.69	21.50
3GPP Rel 6 DC-HSDPA Subtest-1		23.03	23.05	22.82	24.00	21.14	21.24	20.97	22.00
3GPP Rel 6 DC-HSDPA Subtest-2		23.02	23.02	22.88	24.00	21.18	21.16	21.02	22.00
3GPP Rel 6 DC-HSDPA Subtest-3		22.52	22.53	22.39	23.50	20.65	20.80	20.71	21.50
3GPP Rel 6 DC-HSDPA Subtest-4		22.55	22.58	22.37	23.50	20.55	20.67	20.57	21.50
3GPP Rel 6 HSUPA Subtest-1		21.05	21.07	20.96	22.00	19.17	19.21	19.08	20.00
3GPP Rel 6 HSUPA Subtest-2		20.98	21.07	20.95	22.00	19.27	19.31	19.09	20.00
3GPP Rel 6 HSUPA Subtest-3		22.02	22.10	21.98	23.00	20.16	20.23	20.09	21.00
3GPP Rel 6 HSUPA Subtest-4		20.54	20.63	20.49	21.50	18.69	18.77	18.68	19.50
3GPP Rel 6 HSUPA Subtest-5		22.00	22.10	22.00	23.00	20.26	20.29	20.17	21.00
3GPP Rel 7 HSPA+ (16QAM) Subtest-1		20.82	20.89	20.88	22.50	18.95	19.07	19.02	20.50

GSM850_Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		31.23	31.26	31.25	32.00	22.23	22.26	22.25	23.00
GPRS 1 Tx slot		31.22	31.24	31.23	32.00	22.22	22.24	22.23	23.00
GPRS 2 Tx slots		28.41	28.43	28.42	29.50	22.41	22.43	22.42	23.50
GPRS 3 Tx slots		26.43	26.46	26.45	27.50	22.17	22.20	22.19	23.24
GPRS 4 Tx slots		25.23	25.27	25.25	26.50	22.23	22.27	22.25	23.50
EDGE(GMSK 1 Tx slot)		31.19	31.09	31.17	32.00	22.19	22.09	22.17	23.00
EDGE(GMSK 2 Tx slot)		28.34	28.38	28.33	29.50	22.34	22.38	22.33	23.50
EDGE(GMSK 3 Tx slot)		26.31	26.35	26.44	27.50	22.05	22.09	22.18	23.24
EDGE(GMSK 4 Tx slot)		25.11	25.26	25.23	26.50	22.11	22.26	22.23	23.50
EDGE(8PSK 1 Tx slot)		25.75	25.78	25.70	27.00	16.75	16.78	16.70	18.00
EDGE(8PSK 2 Tx slot)		24.71	24.72	24.61	26.00	18.71	18.72	18.61	20.00
EDGE(8PSK 3 Tx slot)		22.64	22.59	22.49	24.00	18.38	18.33	18.23	19.74
EDGE(8PSK 4 Tx slot)		21.40	21.58	21.38	23.00	18.40	18.58	18.38	20.00

GSM1900_Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		27.32	27.35	27.38	27.50	18.32	18.35	18.38	18.50
GPRS 1 Tx slot		27.30	27.33	27.35	27.50	18.30	18.33	18.35	18.50
GPRS 2 Tx slots		23.98	24.01	24.11	24.50	17.98	18.01	18.11	18.50
GPRS 3 Tx slots		22.06	22.11	22.20	22.50	17.80	17.85	17.94	18.24
GPRS 4 Tx slots		20.72	20.82	20.80	21.50	17.72	17.82	17.80	18.50
EDGE(GMSK 1 Tx slot)		27.24	27.23	27.29	27.50	18.24	18.23	18.29	18.50
EDGE(GMSK 2 Tx slot)		23.86	23.97	24.10	24.50	17.86	17.97	18.10	18.50
EDGE(GMSK 3 Tx slot)		21.95	22.02	22.16	22.50	17.69	17.76	17.90	18.24
EDGE(GMSK 4 Tx slot)		20.59	20.72	20.68	21.50	17.59	17.72	17.68	18.50
EDGE(8PSK 1 Tx slot)		25.00	25.07	25.20	26.00	16.00	16.07	16.20	17.00
EDGE(8PSK 2 Tx slot)		23.05	23.10	23.21	23.50	17.05	17.10	17.17	18.00
EDGE(8PSK 3 Tx slot)		20.78	20.83	20.95	22.00	16.52	16.57	16.69	17.70
EDGE(8PSK 4 Tx slot)		19.20	19.21	19.32	20.50	16.20	16.21	16.37	17.54

Band 2_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	23.44	23.50	23.29	24.2	0		
20	QPSK	1	49	22.77	23.34	23.22				
20	QPSK	1	99	23.02	23.08	23.13				
20	QPSK	50	0	22.39	22.48	22.25	23.2	1		
20	QPSK	50	24	22.00	22.22	22.11				
20	QPSK	50	50	21.93	21.98	22.01				
20	QPSK	100	0	22.14	22.15	22.01	23.2	1		
20	16QAM	1	0	22.76	22.42	22.57				
20	16QAM	1	49	22.07	22.56	22.44				
20	16QAM	1	99	22.34	22.40	22.42	22.2	2		
20	16QAM	50	0	21.31	21.39	21.08				
20	16QAM	50	24	21.00	21.23	21.11				
20	16QAM	50	50	20.93	20.95	21.04	22.2	2		
20	16QAM	100	0	21.12	21.13	21.01				
20	64QAM	1	0	21.61	21.22	21.51				
20	64QAM	1	49	20.95	21.57	21.30	21.2	3		
20	64QAM	1	99	21.20	21.20	21.34				
20	64QAM	50	0	20.32	20.37	20.05				
20	64QAM	50	24	20.02	20.22	20.12	18.7	0		
20	64QAM	50	50	19.94	19.96	20.01				
20	64QAM	100	0	20.15	20.15	20.00				
Channel				18675	18800	19125	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1867.5	1880	1902.5				
15	QPSK	1	0	23.33	23.43	23.23	24.2	0		
15	QPSK	1	37	22.69	23.30	23.20				
15	QPSK	1	74	22.97	23.01	23.10				
15	QPSK	36	0	22.28	22.39	22.19	23.2	1		
15	QPSK	36	20	21.87	22.12	22.06				
15	QPSK	36	39	21.89	21.89	22.00				
15	QPSK	75	0	22.04	22.05	21.89	23.2	1		
15	16QAM	1	0	22.72	22.32	22.54				
15	16QAM	1	37	21.94	22.52	22.42				
15	16QAM	1	74	22.32	22.31	22.29	22.2	2		
15	16QAM	36	0	21.26	21.25	20.95				
15	16QAM	36	20	20.97	21.09	21.10				
15	16QAM	36	39	20.84	20.85	20.91	22.2	2		
15	16QAM	75	0	20.98	21.04	20.98				
15	64QAM	1	0	21.60	21.15	21.47				
15	64QAM	1	37	20.89	21.47	21.21	22.2	2		
15	64QAM	1	74	21.14	21.19	21.25				
15	64QAM	36	0	20.23	20.36	20.02				
15	64QAM	36	20	19.92	20.08	19.97	21.2	3		
15	64QAM	36	39	19.81	19.84	19.97				
15	64QAM	75	0	20.00	20.12	19.96				
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1865	1880	1905				
10	QPSK	1	0	23.38	23.42	23.27	24.2	0		
10	QPSK	1	25	22.63	23.33	23.20				
10	QPSK	1	49	22.88	23.00	23.05				
10	QPSK	25	0	22.32	22.46	22.22	23.2	1		
10	QPSK	25	12	21.87	22.15	22.09				
10	QPSK	25	25	21.78	21.88	21.96				
10	QPSK	50	0	22.00	22.08	22.00	23.2	1		
10	16QAM	1	0	22.61	22.32	22.47				
10	16QAM	1	25	22.00	22.50	22.41				
10	16QAM	1	49	22.22	22.31	22.33	22.2	2		
10	16QAM	25	0	21.30	21.29	21.04				
10	16QAM	25	12	20.99	21.14	21.07				
10	16QAM	25	25	20.80	20.86	21.03	22.2	2		
10	16QAM	50	0	20.97	21.06	20.90				
10	64QAM	1	0	21.59	21.21	21.36				
10	64QAM	1	25	20.81	21.49	21.15	21.2	3		
10	64QAM	1	49	21.14	21.19	21.29				
10	64QAM	25	0	20.17	20.22	19.97				
10	64QAM	25	12	19.95	20.14	19.97	18.7	0		
10	64QAM	25	25	19.83	19.94	19.88				
10	64QAM	50	0	20.13	20.12	19.98				
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1862.5	1880	1902.5				
5	QPSK	1	0	23.39	23.43	23.18	24.2	0		
5	QPSK	1	12	22.71	23.30	23.07				
5	QPSK	1	24	23.01	23.00	23.03				
5	QPSK	12	0	22.31	22.33	22.17	23.2	1		
5	QPSK	12	7	21.86	22.18	21.98				
5	QPSK	12	13	21.91	21.93	21.90				
5	QPSK	25	0	22.04	22.03	21.96	23.2	1		
5	16QAM	1	0	22.71	22.29	22.51				
5	16QAM	1	12	21.96	22.33	22.33				
5	16QAM	1	24	22.25	22.33	22.29	22.2	2		
5	16QAM	12	0	21.18	21.32	20.96				
5	16QAM	12	7	20.97	21.21	21.00				
5	16QAM	12	13	20.81	20.84	20.95	22.2	2		
5	16QAM	25	0	21.06	21.11	20.89				
5	64QAM	1	0	21.48	21.10	21.46				
5	64QAM	1	12	20.86	21.55	21.16	21.2	2		
5	64QAM	1	24	21.09	21.07	21.29				
5	64QAM	12	0	20.26	20.30	20.05				
5	64QAM	12	7	19.96	20.08	20.05	21.2	3		
5	64QAM	12	13	19.88	19.86	19.91				
5	64QAM	25	0	20.01	20.07	19.85				
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1861.5	1880	1908.5				
3	QPSK	1	0	23.40	23.39	23.18	24.2	0		
3	QPSK	1	8	22.69	23.27	23.20				
3	QPSK	1	14	22.95	23.04	23.00				
3	QPSK	8	0	22.25	22.39	22.24	23.2	1		
3	QPSK	8	4	21.98	22.13	21.99				
3	QPSK	8	7	21.83	21.86	21.98				
3	QPSK	15	0	22.00	22.01	21.88	23.2	1		
3	16QAM	1	0	22.73	22.34	22.48				
3	16QAM	1	8	22.02	22.55	22.41				
3	16QAM	1	14	22.20	22.35	22.31	22.2	2		
3	16QAM	8	0	21.20	21.34	20.98				
3	16QAM	8	4	20.94	21.12	21.01				
3	16QAM	8	7	20.85	20.88	20.94	22.2	2		
3	16QAM	15	0	21.06	21.00	20.95				
3	64QAM	1	0	21.49	21.19	21.38				
3	64QAM	1	8	20.83	21.50	21.26	21.2	3		
3	64QAM	1	14	21.15	21.06	21.25				
3	64QAM	8	0	20.26	20.28	20.00				
3	64QAM	8	4	19.93	20.18	20.07	18.7	0		
3	64QAM	8	7	19.86	19.83	19.95				
3	64QAM	15	0	20.11	20.03	19.92				
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1860.7	1880	1909.3				
1.4	QPSK	1	0	23.35	23.43	23.18	24.2	0		
1.4	QPSK	1	3	22.67	23.25	23.21				
1.4	QPSK	1	6	22.94	22.98	23.09				
1.4	QPSK	3	0	23.36	23.49	23.19	23.2	1		
1.4	QPSK	3	1	22.74	23.30	23.16				
1.4	QPSK	3	3	22.68	22.96	23.03				
1.4	QPSK	6	0	22.29	22.43	22.29	23.2	1		
1.4	16QAM	1	0	21.90	21.15	22.07				
1.4	16QAM	1	3	21.80	21.89	21.94				
1.4	16QAM	1	6	22.08	22.04	21.95	23.2	1		
1.4	16QAM	3	0	22.73	22.37	22.31				
1.4	16QAM	3	1	22.01	22.54	22.30				
1.4	16QAM	3	3	22.22	22.32	22.36	22.2	2		
1.4	16QAM	6	0	21.17	21.26	21.02				
1.4	64QAM	1	0	20.87	21.20	21.05				
1.4	64QAM	1	3	20.80	20.92	20.96	22.2	2		
1.4	64QAM	1	5	20.97	21.04	20.90				
1.4	64QAM	3	0	21.58	21.20	21.42				
1.4	64QAM	3	1	20.87	21.53	21.21	21.2	3		
1.4	64QAM	3	3	21.19	21.08	21.30				
1.4	64QAM	6	0	20.29	20.32	19.91				

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	23.40	23.49	23.47	24.8	0	
20	QPSK	1	49	23.16	23.24	23.26			
20	QPSK	1	99	23.18	23.20	23.37			
20	QPSK	50	0	22.36	22.49	22.45	23.8	1	
20	QPSK	50	24	22.26	22.26	22.38			
20	QPSK	50	50	22.18	22.27	22.38			
20	QPSK	100	0	22.17	22.45	22.34	23.8	1	
20	16QAM	1	0	22.33	22.58	22.62			
20	16QAM	1	49	22.56	22.55	22.63			
20	16QAM	1	99	22.51	22.53	22.69	22.8	2	
20	16QAM	50	0	21.17	21.30	21.28			
20	16QAM	50	24	21.18	21.27	21.34			
20	16QAM	50	50	21.19	21.27	21.37	21.8	3	
20	16QAM	100	0	21.15	21.26	21.27			
20	64QAM	1	0	21.20	21.52	21.51			
20	64QAM	1	49	21.43	21.38	21.37	22.8	2	
20	64QAM	1	99	21.27	21.39	21.62			
20	64QAM	50	0	20.16	20.26	20.26			
20	64QAM	50	24	20.19	20.24	20.34	21.8	3	
20	64QAM	50	50	20.16	20.25	20.34			
20	64QAM	100	0	20.13	20.27	20.27			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	23.30	23.38	23.40	24.8	0	
15	QPSK	1	37	23.10	23.18	23.11			
15	QPSK	1	74	23.15	23.12	23.29			
15	QPSK	36	0	22.26	22.36	22.34	23.8	1	
15	QPSK	36	20	22.22	22.23	22.26			
15	QPSK	36	39	22.05	22.26	22.33			
15	QPSK	75	0	22.08	22.33	22.32	23.8	1	
15	16QAM	1	0	22.25	22.44	22.57			
15	16QAM	1	37	22.48	22.50	22.57			
15	16QAM	1	74	22.43	22.48	22.66	22.8	2	
15	16QAM	36	0	21.11	21.17	21.20			
15	16QAM	36	20	21.15	21.23	21.27			
15	16QAM	36	39	21.18	21.24	21.27	21.8	3	
15	16QAM	75	0	21.10	21.25	21.23			
15	64QAM	1	0	21.16	21.38	21.38			
15	64QAM	1	37	21.37	21.37	21.25	22.8	2	
15	64QAM	1	74	21.17	21.32	21.56			
15	64QAM	36	0	20.07	20.20	20.12			
15	64QAM	36	20	20.16	20.12	20.29	21.8	3	
15	64QAM	36	39	20.08	20.16	20.20			
15	64QAM	75	0	20.04	20.14	20.23			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	23.30	23.44	23.44	24.8	0	
10	QPSK	1	25	23.06	23.09	23.12			
10	QPSK	1	49	23.04	23.05	23.22			
10	QPSK	25	0	22.35	22.35	22.33	23.8	1	
10	QPSK	25	12	22.12	22.24	22.25			
10	QPSK	25	25	22.11	22.14	22.27			
10	QPSK	50	0	22.08	22.43	22.23	23.8	1	
10	16QAM	1	0	22.30	22.54	22.52			
10	16QAM	1	25	22.43	22.46	22.51			
10	16QAM	1	49	22.50	22.43	22.55	22.8	2	
10	16QAM	25	0	21.05	21.23	21.27			
10	16QAM	25	12	21.05	21.14	21.23			
10	16QAM	25	25	21.17	21.24	21.30	21.8	3	
10	16QAM	50	0	21.05	21.14	21.26			
10	64QAM	1	0	21.15	21.46	21.35			
10	64QAM	1	25	21.35	21.23	21.34	22.8	2	
10	64QAM	1	49	21.16	21.31	21.54			
10	64QAM	25	0	20.11	20.24	20.25			
10	64QAM	25	12	20.16	20.22	20.22	21.8	3	
10	64QAM	25	25	20.15	20.24	20.31			
10	64QAM	50	0	19.98	20.25	20.21			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	23.28	23.46	23.36	24.8	0	
5	QPSK	1	12	23.08	23.10	23.22			
5	QPSK	1	24	23.11	23.16	23.26			
5	QPSK	12	0	22.30	22.35	22.43	23.8	1	
5	QPSK	12	7	22.14	22.20	22.32			
5	QPSK	12	13	22.11	22.19	22.37			
5	QPSK	25	0	22.13	22.39	22.26	23.8	1	
5	16QAM	1	0	22.27	22.49	22.58			
5	16QAM	1	12	22.44	22.51	22.61			
5	16QAM	1	24	22.36	22.44	22.61	22.8	2	
5	16QAM	12	0	21.10	21.18	21.15			
5	16QAM	12	7	21.13	21.22	21.32			
5	16QAM	12	13	21.07	21.23	21.27	22.8	2	
5	16QAM	25	0	21.08	21.20	21.23			
5	64QAM	1	0	21.17	21.43	21.39			
5	64QAM	1	12	21.34	21.29	21.23	22.8	2	
5	64QAM	1	24	21.17	21.30	21.55			
5	64QAM	12	0	20.08	20.12	20.22			
5	64QAM	12	7	20.09	20.15	20.28	21.8	3	
5	64QAM	12	13	20.10	20.24	20.29			
5	64QAM	25	0	20.04	20.15	20.23			
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	23.34	23.37	23.37	24.8	0	
3	QPSK	1	8	23.12	23.20	23.14			
3	QPSK	1	14	23.10	23.17	23.28			
3	QPSK	8	0	22.30	22.46	22.38	23.8	1	
3	QPSK	8	4	22.23	22.23	22.33			
3	QPSK	8	7	22.07	22.21	22.26			
3	QPSK	15	0	22.09	22.33	22.23	23.8	1	
3	16QAM	1	0	22.19	22.52	22.58			
3	16QAM	1	8	22.45	22.54	22.58			
3	16QAM	1	14	22.50	22.38	22.59	22.8	2	
3	16QAM	8	0	21.08	21.15	21.16			
3	16QAM	8	4	21.03	21.25	21.26			
3	16QAM	8	7	21.07	21.23	21.33	22.8	2	
3	16QAM	15	0	21.05	21.23	21.24			
3	64QAM	1	0	21.10	21.42	21.50			
3	64QAM	1	8	21.34	21.23	21.27	21.8	3	
3	64QAM	1	14	21.16	21.32	21.48			
3	64QAM	8	0	20.12	20.21	20.14			
3	64QAM	8	4	20.18	20.12	20.26	21.8	3	
3	64QAM	8	7	20.03	20.22	20.29			
3	64QAM	15	0	20.09	20.21	20.17			
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	23.26	23.39	23.35	24.8	0	
1.4	QPSK	1	3	23.12	23.22	23.26			
1.4	QPSK	1	3	23.11	23.22	23.26			
1.4	QPSK	3	0	23.25	23.37	23.43	23.8	1	
1.4	QPSK	3	1	23.07	23.22	23.22			
1.4	QPSK	3	3	23.03	23.15	23.35			
1.4	QPSK	6	0	22.35	22.37	22.38	23.8	1	
1.4	16QAM	1	0	22.19	22.16	22.25			
1.4	16QAM	1	3	22.16	22.22	22.26			
1.4	16QAM	1	6	22.02	22.31	22.22	23.8	1	
1.4	16QAM	3	0	22.25	22.30	22.31			
1.4	16QAM	3	1	22.53	22.49	22.57			
1.4	16QAM	3	3	22.41	22.44	22.63	22.8	2	
1.4	64QAM	1	0	21.13	21.14	21.24			
1.4	64QAM	1	3	21.18	21.23	21.33			
1.4	64QAM	1	5	21.13	21.22	21.25	22.8	2	
1.4	64QAM	3	0	21.15	21.49	21.42			
1.4	64QAM	3	1	21.30	21.31	21.35			
1.4	64QAM	3	3	21.33	21.34	21.58	21.8	3	
1.4	64QAM	6	0	20.03	20.19	20.14			

Band 5_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.80	23.82	23.81	25	0	
10	QPSK	1	25	23.66	23.76	23.72			
10	QPSK	1	49	23.79	23.70	23.71			
10	QPSK	25	0	22.80	22.84	22.76	24	1	
10	QPSK	25	12	22.69	22.77	22.73			
10	QPSK	25	25	22.70	22.79	22.70			
10	QPSK	50	0	22.73	22.80	22.73	24	1	
10	16QAM	1	0	23.06	23.00	23.07			
10	16QAM	1	25	22.88	23.04	23.01			
10	16QAM	1	49	23.09	23.01	22.95	23	2	
10	16QAM	25	0	21.69	21.80	21.75			
10	16QAM	25	12	21.68	21.79	21.70			
10	16QAM	25	25	21.77	21.76	21.67	23	2	
10	16QAM	50	0	21.72	21.77	21.72			
10	64QAM	1	0	21.91	21.96	22.00			
10	64QAM	1	25	21.79	21.92	21.84	23	2	
10	64QAM	1	49	21.93	21.97	21.80			
10	64QAM	25	0	20.70	20.80	20.75			
10	64QAM	25	12	20.67	20.78	20.73	22	3	
10	64QAM	25	25	20.79	20.80	20.69			
10	64QAM	50	0	20.74	20.77	20.75			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.76	23.67	23.70	25	0	
5	QPSK	1	12	23.65	23.72	23.57			
5	QPSK	1	24	23.78	23.67	23.65			
5	QPSK	12	0	22.78	22.79	22.63	24	1	
5	QPSK	12	7	22.68	22.71	22.70			
5	QPSK	12	13	22.58	22.71	22.63			
5	QPSK	25	0	22.65	22.73	22.61	24	1	
5	16QAM	1	0	22.93	22.92	23.01			
5	16QAM	1	12	22.73	23.03	22.94			
5	16QAM	1	24	23.07	22.95	22.90	23	2	
5	16QAM	12	0	21.57	21.76	21.73			
5	16QAM	12	7	21.64	21.78	21.64			
5	16QAM	12	13	21.63	21.62	21.54	23	2	
5	16QAM	25	0	21.69	21.64	21.60			
5	64QAM	1	0	21.81	21.85	21.87			
5	64QAM	1	12	21.70	21.79	21.71	23	2	
5	64QAM	1	24	21.90	21.86	21.72			
5	64QAM	12	0	20.62	20.79	20.61			
5	64QAM	12	7	20.55	20.72	20.60	22	3	
5	64QAM	12	13	20.77	20.67	20.62			
5	64QAM	25	0	20.68	20.72	20.67			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	23.73	23.81	23.67	25	0	
3	QPSK	1	8	23.64	23.61	23.59			
3	QPSK	1	14	23.67	23.62	23.68			
3	QPSK	8	0	22.76	22.77	22.63	24	1	
3	QPSK	8	4	22.65	22.64	22.68			
3	QPSK	8	7	22.67	22.64	22.55			
3	QPSK	15	0	22.58	22.72	22.70	24	1	
3	16QAM	1	0	22.91	22.96	23.06			
3	16QAM	1	8	22.83	23.03	22.90			
3	16QAM	1	14	22.96	22.99	22.85	24	1	
3	16QAM	8	0	21.57	21.73	21.64			
3	16QAM	8	4	21.57	21.67	21.59			
3	16QAM	8	7	21.76	21.75	21.59	23	2	
3	16QAM	15	0	21.61	21.63	21.57			
3	64QAM	1	0	21.89	21.85	21.97			
3	64QAM	1	8	21.65	21.91	21.77	23	2	
3	64QAM	1	14	21.78	21.94	21.74			
3	64QAM	8	0	20.58	20.74	20.60			
3	64QAM	8	4	20.56	20.72	20.69	22	3	
3	64QAM	8	7	20.70	20.77	20.62			
3	64QAM	15	0	20.69	20.70	20.65			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.74	23.67	23.75	25	0	
1.4	QPSK	1	3	23.59	23.71	23.61			
1.4	QPSK	1	5	23.64	23.55	23.61			
1.4	QPSK	3	0	23.71	23.81	23.75	24	1	
1.4	QPSK	3	1	23.52	23.63	23.65			
1.4	QPSK	3	3	23.64	23.60	23.67			
1.4	QPSK	6	0	22.76	22.70	22.67	24	1	
1.4	16QAM	1	0	22.64	22.73	22.72			
1.4	16QAM	1	3	22.68	22.77	22.56			
1.4	16QAM	1	5	22.65	22.77	22.67	24	1	
1.4	16QAM	3	0	22.96	22.86	22.99			
1.4	16QAM	3	1	22.73	22.97	22.97			
1.4	16QAM	3	3	23.07	22.97	22.80	23	2	
1.4	16QAM	6	0	21.62	21.68	21.66			
1.4	64QAM	1	0	21.84	21.76	21.84			
1.4	64QAM	1	3	21.70	21.72	21.54	23	2	
1.4	64QAM	1	5	21.63	21.71	21.57			
1.4	64QAM	3	0	21.78	21.90	21.90			
1.4	64QAM	3	1	21.76	21.91	21.78	22	3	
1.4	64QAM	3	3	21.83	21.85	21.65			
1.4	64QAM	6	0	20.60	20.77	20.65			

Band 5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.40	23.46	23.43	24.2	0	
10	QPSK	1	25	23.20	23.40	23.39			
10	QPSK	1	49	23.20	23.38	23.40			
10	QPSK	25	0	22.31	22.48	22.41	23.2	1	
10	QPSK	25	12	22.26	22.45	22.39			
10	QPSK	25	25	22.26	22.45	22.39			
10	QPSK	50	0	22.22	22.46	22.40	23.2	1	
10	16QAM	1	0	22.46	22.56	22.74			
10	16QAM	1	25	22.41	22.66	22.67			
10	16QAM	1	49	22.66	22.84	22.68	22.2	2	
10	16QAM	25	0	21.25	21.42	21.40			
10	16QAM	25	12	21.25	21.44	21.38			
10	16QAM	25	25	21.32	21.47	21.38	22.2	2	
10	16QAM	50	0	21.21	21.44	21.40			
10	64QAM	1	0	21.28	21.47	21.64			
10	64QAM	1	25	21.37	21.55	21.57	22.2	2	
10	64QAM	1	49	21.47	21.63	21.59			
10	64QAM	25	0	20.28	20.43	20.39			
10	64QAM	25	12	20.25	20.43	20.39	21.2	3	
10	64QAM	25	25	20.28	20.46	20.40			
10	64QAM	50	0	20.21	20.42	20.40			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.29	23.37	23.37	24.2	0	
5	QPSK	1	12	23.08	23.26	23.28			
5	QPSK	1	24	23.06	23.26	23.32			
5	QPSK	12	0	22.18	22.41	22.26	23.2	1	
5	QPSK	12	7	22.19	22.37	22.32			
5	QPSK	12	13	22.20	22.34	22.29			
5	QPSK	25	0	22.07	22.35	22.28	23.2	1	
5	16QAM	1	0	22.34	22.48	22.59			
5	16QAM	1	12	22.34	22.56	22.61			
5	16QAM	1	24	22.61	22.77	22.55	23.2	1	
5	16QAM	12	0	21.13	21.29	21.30			
5	16QAM	12	7	21.20	21.38	21.33			
5	16QAM	12	13	21.25	21.35	21.32	22.2	2	
5	16QAM	25	0	21.11	21.31	21.33			
5	64QAM	1	0	21.20	21.35	21.54			
5	64QAM	1	12	21.28	21.44	21.42	22.2	2	
5	64QAM	1	24	21.41	21.54	21.44			
5	64QAM	12	0	20.23	20.35	20.31			
5	64QAM	12	7	20.20	20.31	20.25	21.2	3	
5	64QAM	12	13	20.22	20.38	20.26			
5	64QAM	25	0	20.16	20.30	20.35			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	23.30	23.34	23.35	24.2	0	
3	QPSK	1	8	23.10	23.24	23.36			
3	QPSK	1	14	23.11	23.23	23.38			
3	QPSK	8	0	22.16	22.37	22.28	23.2	1	
3	QPSK	8	4	22.17	22.32	22.27			
3	QPSK	8	7	22.18	22.32	22.34			
3	QPSK	15	0	22.14	22.40	22.35	23.2	1	
3	16QAM	1	0	22.38	22.50	22.65			
3	16QAM	1	8	22.30	22.58	22.60			
3	16QAM	1	14	22.56	22.69	22.59	22.2	2	
3	16QAM	8	0	21.13	21.33	21.33			
3	16QAM	8	4	21.15	21.36	21.33			
3	16QAM	8	7	21.24	21.39	21.23	22.2	2	
3	16QAM	15	0	21.13	21.37	21.31			
3	64QAM	1	0	21.21	21.40	21.57			
3	64QAM	1	8	21.30	21.44	21.52	22.2	2	
3	64QAM	1	14	21.34	21.48	21.49			
3	64QAM	8	0	20.18	20.31	20.34			
3	64QAM	8	4	20.18	20.29	20.27	21.2	3	
3	64QAM	8	7	20.19	20.34	20.34			
3	64QAM	15	0	20.16	20.27	20.29			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.26	23.33	23.36	24.2	0	
1.4	QPSK	1	3	23.12	23.35	23.24			
1.4	QPSK	1	5	23.12	23.31	23.35			
1.4	QPSK	3	0	23.12	23.28	23.27	23.2	1	
1.4	QPSK	3	1	23.07	23.24	23.10			
1.4	QPSK	3	3	23.04	23.21	23.31			
1.4	QPSK	6	0	22.15	22.34	22.34	23.2	1	
1.4	16QAM	1	0	22.35	22.46	22.63			
1.4	16QAM	1	2	22.33	22.60	22.58			
1.4	16QAM	1	5	22.52	22.77	22.55	23.2	1	
1.4	16QAM	3	0	22.30	22.41	22.50			
1.4	16QAM	3	1	22.30	22.47	22.50			
1.4	16QAM	3	3	22.40	22.75	22.52	22.2	2	
1.4	16QAM	6	0	21.13	21.31	21.25			
1.4	64QAM	1	0	21.23	21.41	21.58			
1.4	64QAM	1	3	21.22	21.43	21.52	21.2	2	
1.4	64QAM	1	5	21.18	21.48	21.52			
1.4	64QAM	3	0	21.18	21.36	21.46			
1.4	64QAM	3	1	21.16	21.30	21.39	21.2	3	
1.4	64QAM	3	3	21.18	21.43	21.52			
1.4	64QAM	6	0	20.06	20.31	20.34			

Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	15.27	15.38	15.35	16.2	0	
20	QPSK	1	49	15.17	15.25	15.18			
20	QPSK	1	99	15.13	15.33	15.32			
20	QPSK	50	0	15.25	15.37	15.33	16.2	0	
20	QPSK	50	24	15.24	15.36	15.31			
20	QPSK	50	50	15.21	15.34	15.19			
20	QPSK	100	0	15.23	15.35	15.31	16.2	0	
20	16QAM	1	0	15.22	15.35	15.30			
20	16QAM	1	49	15.12	15.29	15.24			
20	16QAM	1	99	15.21	15.24	15.32	16.2	0	
20	16QAM	50	0	15.20	15.26	15.30			
20	16QAM	50	24	15.19	15.35	15.21			
20	16QAM	50	50	15.20	15.23	15.18	16.2	0	
20	16QAM	100	0	15.15	15.31	15.32			
20	64QAM	1	0	15.22	15.35	15.30			
20	64QAM	1	49	15.16	15.29	15.31	16.2	0	
20	64QAM	1	99	15.21	15.24	15.32			
20	64QAM	50	0	15.20	15.26	15.30			
20	64QAM	50	24	15.19	15.35	15.21	16.2	0	
20	64QAM	50	50	15.20	15.23	15.18			
20	64QAM	100	0	15.24	15.30	15.29			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	15.20	15.25	15.20	16.2	0	
15	QPSK	1	37	15.14	15.31	15.19			
15	QPSK	1	74	15.11	15.27	15.20			
15	QPSK	36	0	15.16	15.36	15.20	16.2	0	
15	QPSK	36	20	15.16	15.29	15.27			
15	QPSK	36	39	15.23	15.23	15.31			
15	QPSK	75	0	15.17	15.30	15.19	16.2	0	
15	16QAM	1	0	15.17	15.31	15.29			
15	16QAM	1	37	15.12	15.31	15.18			
15	16QAM	1	74	15.15	15.25	15.32	16.2	0	
15	16QAM	36	0	15.12	15.30	15.23			
15	16QAM	36	20	15.14	15.33	15.20			
15	16QAM	36	39	15.19	15.32	15.20	16.2	0	
15	16QAM	75	0	15.13	15.31	15.28			
15	64QAM	1	0	15.14	15.25	15.28			
15	64QAM	1	37	15.21	15.36	15.23	16.2	0	
15	64QAM	1	74	15.16	15.32	15.19			
15	64QAM	36	0	15.13	15.34	15.26			
15	64QAM	36	20	15.17	15.30	15.32	16.2	0	
15	64QAM	36	39	15.17	15.35	15.25			
15	64QAM	75	0	15.11	15.29	15.26			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	15.23	15.35	15.31	16.2	0	
10	QPSK	1	25	15.22	15.35	15.32			
10	QPSK	1	49	15.23	15.36	15.25			
10	QPSK	25	0	15.21	15.34	15.18	16.2	0	
10	QPSK	25	12	15.24	15.32	15.18			
10	QPSK	25	25	15.17	15.25	15.28			
10	QPSK	50	0	15.16	15.36	15.26	16.2	0	
10	16QAM	1	0	15.23	15.24	15.20			
10	16QAM	1	25	15.18	15.27	15.24			
10	16QAM	1	49	15.16	15.28	15.21	16.2	0	
10	16QAM	25	0	15.17	15.23	15.19			
10	16QAM	25	12	15.23	15.35	15.22			
10	16QAM	25	25	15.10	15.31	15.23	16.2	0	
10	16QAM	50	0	15.23	15.22	15.32			
10	64QAM	1	0	15.24	15.34	15.25			
10	64QAM	1	25	15.23	15.33	15.27	16.2	0	
10	64QAM	1	49	15.16	15.33	15.29			
10	64QAM	25	0	15.16	15.31	15.24			
10	64QAM	25	12	15.20	15.27	15.25	16.2	0	
10	64QAM	25	25	15.16	15.25	15.19			
10	64QAM	50	0	15.14	15.30	15.31			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	15.10	15.33	15.21	16.2	0	
5	QPSK	1	12	15.15	15.23	15.22			
5	QPSK	1	24	15.12	15.26	15.21			
5	QPSK	12	0	15.22	15.24	15.31	16.2	0	
5	QPSK	12	7	15.20	15.27	15.31			
5	QPSK	12	13	15.19	15.26	15.26			
5	QPSK	25	0	15.14	15.35	15.29	16.2	0	
5	16QAM	1	0	15.17	15.36	15.28			
5	16QAM	1	12	15.17	15.29	15.19			
5	16QAM	1	24	15.14	15.26	15.24	16.2	0	
5	16QAM	12	0	15.22	15.28	15.23			
5	16QAM	12	7	15.15	15.24	15.19			
5	16QAM	12	13	15.15	15.26	15.22	16.2	0	
5	16QAM	25	0	15.15	15.30	15.26			
5	64QAM	1	0	15.22	15.27	15.19			
5	64QAM	1	12	15.13	15.35	15.20	16.2	0	
5	64QAM	1	24	15.11	15.26	15.22			
5	64QAM	12	0	15.11	15.32	15.20			
5	64QAM	12	7	15.23	15.30	15.27	16.2	0	
5	64QAM	12	13	15.22	15.27	15.20			
5	64QAM	25	0	15.22	15.25	15.22			

Band 7_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	15.73	15.82	15.80	19	0	
20	QPSK	1	49	15.62	15.68	15.71			
20	QPSK	1	99	15.60	15.66	15.76			
20	QPSK	50	0	15.71	15.80	15.75	19	0	
20	QPSK	50	24	15.65	15.72	15.75			
20	QPSK	50	50	15.57	15.78	15.77			
20	QPSK	100	0	15.70	15.75	15.77	19	0	
20	16QAM	1	0	15.64	15.79	15.72			
20	16QAM	1	49	15.62	15.78	15.75			
20	16QAM	1	99	15.69	15.75	15.70	19	0	
20	16QAM	50	0	15.63	15.68	15.66			
20	16QAM	50	24	15.60	15.78	15.66			
20	16QAM	50	50	15.69	15.73	15.72	19	0	
20	16QAM	100	0	15.56	15.75	15.63			
20	64QAM	1	0	15.65	15.73	15.74			
20	64QAM	1	49	15.69	15.79	15.70	19	0	
20	64QAM	1	99	15.64	15.73	15.66			
20	64QAM	50	0	15.63	15.78	15.69			
20	64QAM	50	24	15.69	15.71	15.75	19	0	
20	64QAM	50	50	15.58	15.74	15.67			
20	64QAM	100	0	15.66	15.65	15.64			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	15.57	15.72	15.65	19	0	
15	QPSK	1	37	15.66	15.70	15.63			
15	QPSK	1	74	15.70	15.68	15.74			
15	QPSK	36	0	15.66	15.66	15.74	19	0	
15	QPSK	36	20	15.62	15.72	15.77			
15	QPSK	36	39	15.63	15.75	15.71			
15	QPSK	75	0	15.58	15.73	15.70	19	0	
15	16QAM	1	0	15.57	15.78	15.69			
15	16QAM	1	37	15.64	15.66	15.63			
15	16QAM	1	74	15.58	15.66	15.67	19	0	
15	16QAM	36	0	15.69	15.74	15.77			
15	16QAM	36	20	15.67	15.78	15.74			
15	16QAM	36	39	15.63	15.72	15.66	19	0	
15	16QAM	75	0	15.58	15.75	15.68			
15	64QAM	1	0	15.64	15.75	15.63			
15	64QAM	1	37	15.66	15.75	15.73	19	0	
15	64QAM	1	74	15.60	15.73	15.63			
15	64QAM	36	0	15.57	15.76	15.67			
15	64QAM	36	20	15.69	15.75	15.70	19	0	
15	64QAM	36	39	15.59	15.70	15.65			
15	64QAM	75	0	15.59	15.73	15.70			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	15.63	15.72	15.76	19	0	
10	QPSK	1	25	15.58	15.74	15.67			
10	QPSK	1	49	15.65	15.76	15.77			
10	QPSK	25	0	15.69	15.73	15.68	19	0	
10	QPSK	25	12	15.60	15.68	15.68			
10	QPSK	25	25	15.69	15.73	15.71			
10	QPSK	50	0	15.58	15.70	15.69	19	0	
10	16QAM	1	0	15.56	15.76	15.64			
10	16QAM	1	25	15.63	15.76	15.65			
10	16QAM	1	49	15.61	15.78	15.69	19	0	
10	16QAM	25	0	15.67	15.71	15.77			
10	16QAM	25	12	15.60	15.67	15.63			
10	16QAM	25	25	15.64	15.74	15.72	19	0	
10	16QAM	50	0	15.58	15.78	15.70			
10	64QAM	1	0	15.63	15.78	15.67			
10	64QAM	1	25	15.64	15.70	15.73	19	0	
10	64QAM	1	49	15.57	15.65	15.68			
10	64QAM	25	0	15.65	15.65	15.66			
10	64QAM	25	12	15.63	15.76	15.75	19	0	
10	64QAM	25	25	15.55	15.70	15.74			
10	64QAM	50	0	15.65	15.73	15.63			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	15.67	15.77	15.72	19	0	
5	QPSK	1	12	15.59	15.75	15.67			
5	QPSK	1	24	15.56	15.72	15.63			
5	QPSK	12	0	15.68	15.75	15.76	19	0	
5	QPSK	12	7	15.65	15.72	15.65			
5	QPSK	12	13	15.66	15.70	15.75			
5	QPSK	25	0	15.67	15.76	15.64	19	0	
5	16QAM	1	0	15.58	15.67	15.71			
5	16QAM	1	12	15.61	15.67	15.67			
5	16QAM	1	24	15.68	15.77	15.73	19	0	
5	16QAM	12	0	15.65	15.68	15.74			
5	16QAM	12	7	15.58	15.70	15.74			
5	16QAM	12	13	15.70	15.73	15.63	19	0	
5	16QAM	25	0	15.57	15.71	15.66			
5	64QAM	1	0	15.61	15.68	15.74			
5	64QAM	1	12	15.63	15.67	15.64	19	0	
5	64QAM	1	24	15.70	15.76	15.66			
5	64QAM	12	0	15.70	15.66	15.72			
5	64QAM	12	7	15.70	15.68	15.68	19	0	
5	64QAM	12	13	15.59	15.70	15.76			
5	64QAM	25	0	15.67	15.77	15.70			

Band 12_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130	23.7	0		
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	22.86	22.93	22.88				
10	QPSK	1	25	22.73	22.93	22.86	22.7	1		
10	QPSK	1	49	22.78	22.88	22.81				
10	QPSK	25	0	21.80	21.89	21.84				
10	QPSK	25	12	21.79	21.87	21.82	22.7	1		
10	QPSK	25	25	21.77	21.86	21.79				
10	QPSK	50	0	21.80	21.85	21.82				
10	16QAM	1	0	22.95	22.21	22.11	22.7	1		
10	16QAM	1	25	22.08	22.27	22.15				
10	16QAM	1	49	22.22	22.29	22.25				
10	16QAM	25	0	20.76	20.87	20.77	21.7	2		
10	16QAM	25	12	20.79	20.84	20.78				
10	16QAM	25	25	20.75	20.90	20.77				
10	16QAM	50	0	20.79	20.87	20.79	21.7	2		
10	64QAM	1	0	20.85	21.11	20.96				
10	64QAM	1	25	20.87	21.18	21.04				
10	64QAM	1	49	21.05	21.07	21.13	20.7	3		
10	64QAM	25	0	19.76	19.86	19.80				
10	64QAM	25	12	19.78	19.89	19.82				
10	64QAM	25	25	19.82	19.88	19.80	20.7	3		
10	64QAM	50	0	19.81	19.88	19.80				
Channel				23035	23095	23165				
Frequency (MHz)				701.5	707.5	713.5	23.7	0		
5	QPSK	1	0	22.77	22.84	22.73				
5	QPSK	1	12	22.61	22.88	22.81	22.7	1		
5	QPSK	1	24	22.66	22.80	22.74				
5	QPSK	12	0	21.70	21.83	21.76				
5	QPSK	12	7	21.66	21.80	21.70	22.7	1		
5	QPSK	12	13	21.66	21.79	21.64				
5	QPSK	25	0	21.72	21.78	21.69				
5	16QAM	1	0	21.90	22.07	22.06	22.7	1		
5	16QAM	1	12	21.96	22.22	22.05				
5	16QAM	1	24	22.16	22.14	22.19				
5	16QAM	12	0	20.63	20.82	20.71	21.7	2		
5	16QAM	12	7	20.74	20.78	20.64				
5	16QAM	12	13	20.68	20.75	20.72				
5	16QAM	25	0	20.65	20.74	20.66	21.7	2		
5	64QAM	1	0	20.71	20.98	20.86				
5	64QAM	1	12	20.81	21.04	20.99				
5	64QAM	1	24	20.97	20.98	21.06	20.7	3		
5	64QAM	12	0	19.70	19.76	19.65				
5	64QAM	12	7	19.69	19.84	19.67				
5	64QAM	12	13	19.70	19.81	19.68	20.7	3		
5	64QAM	25	0	19.73	19.75	19.66				
Channel				23025	23095	23165				
Frequency (MHz)				700.5	707.5	714.5	23.7	0		
3	QPSK	1	0	22.81	22.85	22.80				
3	QPSK	1	8	22.58	22.83	22.71				
3	QPSK	1	14	22.63	22.76	22.72	22.7	1		
3	QPSK	8	0	21.71	21.74	21.71				
3	QPSK	8	4	21.64	21.79	21.70				
3	QPSK	8	7	21.69	21.72	21.66	22.7	1		
3	QPSK	15	0	21.73	21.74	21.75				
3	16QAM	1	0	21.98	22.06	22.05				
3	16QAM	1	8	21.97	22.12	22.03	22.7	1		
3	16QAM	1	14	22.13	22.16	22.12				
3	16QAM	8	0	20.67	20.81	20.63				
3	16QAM	8	4	20.66	20.72	20.70	21.7	2		
3	16QAM	8	7	20.60	20.78	20.70				
3	16QAM	15	0	20.71	20.73	20.71				
3	64QAM	1	0	20.71	20.98	20.87	21.7	2		
3	64QAM	1	8	20.75	21.12	20.99				
3	64QAM	1	14	20.95	20.99	21.05				
3	64QAM	8	0	19.63	19.77	19.73	20.7	3		
3	64QAM	8	4	19.72	19.84	19.71				
3	64QAM	8	7	19.74	19.80	19.67				
3	64QAM	15	0	19.76	19.77	19.75	20.7	3		
Channel				23017	23095	23173				
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	22.77	22.84	22.74	23.7	0		
1.4	QPSK	1	3	22.64	22.87	22.74				
1.4	QPSK	1	5	22.65	22.75	22.70				
1.4	QPSK	3	0	22.67	22.72	22.66	22.7	1		
1.4	QPSK	3	1	22.58	22.85	22.61				
1.4	QPSK	3	3	22.56	22.69	22.61				
1.4	QPSK	6	0	21.69	21.71	21.72	22.7	1		
1.4	16QAM	1	0	21.94	22.07	21.98				
1.4	16QAM	1	3	22.02	22.12	22.10				
1.4	16QAM	1	5	22.11	22.21	22.14	22.7	1		
1.4	16QAM	3	0	21.85	22.03	21.96				
1.4	16QAM	3	1	21.88	22.03	22.08				
1.4	16QAM	3	3	21.96	22.10	22.07	21.7	2		
1.4	16QAM	6	0	20.69	20.73	20.70				
1.4	64QAM	1	0	20.72	21.05	20.90				
1.4	64QAM	1	3	20.81	21.08	20.95	21.7	2		
1.4	64QAM	1	5	20.95	20.93	20.99				
1.4	64QAM	3	0	20.61	21.03	20.75				
1.4	64QAM	3	1	20.72	21.01	20.90	20.7	3		
1.4	64QAM	3	3	20.94	20.79	20.89				
1.4	64QAM	6	0	19.74	19.84	19.67				

Band 13_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23230						
Frequency (MHz)				782						
10	QPSK	1	0		23.40		24.5	0		
10	QPSK	1	25		23.25					
10	QPSK	1	49		23.36					
10	QPSK	25	0		23.35		23.5	1		
10	QPSK	25	12		22.27					
10	QPSK	25	25		22.30					
10	QPSK	50	0		22.32		23.5	1		
10	16QAM	1	0		22.60					
10	16QAM	1	25		22.56					
10	16QAM	1	49		22.59		22.5	2		
10	16QAM	25	0		21.28					
10	16QAM	25	12		21.26					
10	16QAM	25	25		21.28		22.5	2		
10	16QAM	50	0		21.31					
10	64QAM	1	0		21.55					
10	64QAM	1	25		21.48		22.5	2		
10	64QAM	1	49		21.50					
10	64QAM	25	0		20.30					
10	64QAM	25	12		20.27		21.5	3		
10	64QAM	25	25		20.28					
10	64QAM	50	0		20.30					
Channel				23205	23230	23255				
Frequency (MHz)				779.5	782	784.5				
5	QPSK	1	0	23.33	23.37	23.34	24.5	0		
5	QPSK	1	12	23.10	23.15	23.20				
5	QPSK	1	24	23.20	23.29	23.28				
5	QPSK	12	0	23.21	23.25	23.25	23.5	1		
5	QPSK	12	7	22.23	22.17	22.13				
5	QPSK	12	13	22.16	22.27	22.26				
5	QPSK	25	0	22.19	22.31	22.27	23.5	1		
5	16QAM	1	0	22.58	22.52	22.47				
5	16QAM	1	12	22.50	22.48	22.53				
5	16QAM	1	24	22.49	22.57	22.57	23.5	1		
5	16QAM	12	0	21.13	21.02	21.26				
5	16QAM	12	7	21.23	21.23	21.17				
5	16QAM	12	13	21.27	21.17	21.25	22.5	2		
5	16QAM	25	0	21.24	21.26	21.25				
5	64QAM	1	0	21.48	21.52	21.42				
5	64QAM	1	12	21.44	21.33	21.43	22.5	2		
5	64QAM	1	24	21.42	21.35	21.37				
5	64QAM	12	0	20.27	20.18	20.26				
5	64QAM	12	7	20.12	20.18	20.20	21.5	3		
5	64QAM	12	13	20.17	20.17	20.20				
5	64QAM	25	0	20.29	20.23	20.26				

Band 17_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23780	23790	23800				
Frequency (MHz)				709	710	711				
10	QPSK	1	0	23.22	23.25	23.23	24.5	0		
10	QPSK	1	25	23.20	23.21	23.20				
10	QPSK	1	49	23.18	23.23	23.18				
10	QPSK	25	0	22.25	22.28	22.26	23.5	1		
10	QPSK	25	12	22.23	22.27	22.25				
10	QPSK	25	25	22.22	22.24	22.23				
10	QPSK	50	0	22.25	22.26	22.23	23.5	1		
10	16QAM	1	0	22.51	22.50	22.61				
10	16QAM	1	25	22.58	22.49	22.59				
10	16QAM	1	49	22.61	22.52	22.61	22.5	2		
10	16QAM	25	0	21.23	21.22	21.22				
10	16QAM	25	12	21.24	21.24	21.22				
10	16QAM	25	25	21.26	21.21	21.22	22.5	2		
10	16QAM	50	0	21.27	21.22	21.22				
10	64QAM	1	0	21.36	21.31	21.48				
10	64QAM	1	25	21.48	21.42	21.46	22.5	2		
10	64QAM	1	49	21.42	21.42	21.47				
10	64QAM	25	0	20.22	20.20	20.24				
10	64QAM	25	12	20.24	20.24	20.24	21.5	3		
10	64QAM	25	25	20.29	20.24	20.24				
10	64QAM	50	0	20.26	20.24	20.24				
Channel				23765	23790	23825	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				706.5	710	713.5				
5	QPSK	1	0	23.11	23.15	23.21	24.5	0		
5	QPSK	1	12	23.16	23.09	23.16				
5	QPSK	1	24	23.16	23.19	23.14				
5	QPSK	12	0	22.11	22.14	22.11	23.5	1		
5	QPSK	12	7	22.16	22.21	22.11				
5	QPSK	12	13	22.21	22.14	22.09				
5	QPSK	25	0	22.20	22.22	22.19	23.5	1		
5	16QAM	1	0	22.44	22.35	22.54				
5	16QAM	1	12	22.48	22.44	22.53				
5	16QAM	1	24	22.58	22.37	22.48	22.5	2		
5	16QAM	12	0	21.18	21.20	21.14				
5	16QAM	12	7	21.23	21.21	21.13				
5	16QAM	12	13	21.11	21.20	21.18	21.5	3		
5	16QAM	25	0	21.12	21.17	21.15				
5	64QAM	1	0	21.29	21.16	21.46				
5	64QAM	1	12	21.34	21.32	21.43	22.5	2		
5	64QAM	1	24	21.27	21.39	21.37				
5	64QAM	12	0	20.18	20.13	20.14				
5	64QAM	12	7	20.16	20.20	20.12	21.5	3		
5	64QAM	12	13	20.27	20.19	20.11				
5	64QAM	25	0	20.15	20.23	20.19				

Band 17_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23780	23790	23800				
Frequency (MHz)				709	710	711				
10	QPSK	1	0	22.88	22.91	22.86	23.7	0	23.7	0
10	QPSK	1	25	22.87	22.86	22.81				
10	QPSK	1	49	22.84	22.90	22.80				
10	QPSK	25	0	21.86	21.93	21.84	22.7	1	22.7	1
10	QPSK	25	12	21.85	21.90	21.81				
10	QPSK	25	25	21.87	21.89	21.76				
10	QPSK	50	0	21.83	21.90	21.82	22.7	1	22.7	1
10	16QAM	1	0	22.15	22.23	22.21				
10	16QAM	1	25	22.21	22.24	22.16				
10	16QAM	1	49	22.16	22.26	22.19	21.7	2	21.7	2
10	16QAM	25	0	20.84	20.86	20.82				
10	16QAM	25	12	20.86	20.91	20.83				
10	16QAM	25	25	20.88	20.86	20.76	21.7	2	21.7	2
10	16QAM	50	0	20.87	20.89	20.77				
10	64QAM	1	0	20.99	21.01	21.08				
10	64QAM	1	25	21.04	21.16	20.98	21.7	2	21.7	2
10	64QAM	1	49	21.00	21.17	21.02				
10	64QAM	25	0	19.88	19.88	19.81				
10	64QAM	25	12	19.91	19.91	19.80	20.7	3	20.7	3
10	64QAM	25	25	19.92	19.90	19.78				
10	64QAM	50	0	19.87	19.89	19.76				
Channel				23765	23790	23825	Tune-up limit (dBm)		MPR (dB)	
Frequency (MHz)				706.5	710	713.5				
5	QPSK	1	0	22.80	22.83	22.81	23.7	0	23.7	0
5	QPSK	1	12	22.72	22.78	22.74				
5	QPSK	1	24	22.75	22.83	22.66				
5	QPSK	12	0	21.79	21.78	21.75	22.7	1	22.7	1
5	QPSK	12	7	21.77	21.75	21.67				
5	QPSK	12	13	21.76	21.81	21.68				
5	QPSK	25	0	21.68	21.75	21.67	22.7	1	22.7	1
5	16QAM	1	0	22.05	22.11	22.12				
5	16QAM	1	12	22.10	22.09	22.09				
5	16QAM	1	24	22.02	22.17	22.10	21.7	2	21.7	2
5	16QAM	12	0	20.76	20.76	20.77				
5	16QAM	12	7	20.73	20.83	20.78				
5	16QAM	12	13	20.73	20.80	20.67	21.7	2	21.7	2
5	16QAM	25	0	20.81	20.75	20.62				
5	64QAM	1	0	20.89	20.88	21.01				
5	64QAM	1	12	20.95	21.07	20.85	21.7	2	21.7	2
5	64QAM	1	24	20.94	21.08	20.87				
5	64QAM	12	0	19.81	19.82	19.74				
5	64QAM	12	7	19.80	19.84	19.70	20.7	3	20.7	3
5	64QAM	12	13	19.77	19.80	19.66				
5	64QAM	25	0	19.76	19.83	19.67				

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	23.75	23.85	23.83	25	0	25	0
15	QPSK	1	37	23.73	23.81	23.80				
15	QPSK	1	74	23.74	23.77	23.71				
15	QPSK	36	0	22.78	22.84	22.81	24	1	24	1
15	QPSK	36	20	22.75	22.82	22.80				
15	QPSK	36	39	22.75	22.77	22.72				
15	QPSK	75	0	22.75	22.83	22.81	24	1	24	1
15	16QAM	1	0	22.98	22.99	23.05				
15	16QAM	1	37	23.05	23.06	23.10				
15	16QAM	1	74	22.99	23.06	22.86	23	2	23	2
15	16QAM	36	0	21.75	21.73	21.78				
15	16QAM	36	20	21.77	21.77	21.79				
15	16QAM	36	39	21.76	21.76	21.74	23	2	23	2
15	16QAM	75	0	21.76	21.75	21.81				
15	16QAM	1	0	21.75	21.82	21.80				
15	16QAM	1	37	21.87	21.95	21.97	22	3	22	3
15	16QAM	1	74	21.92	22.04	21.81				
15	16QAM	36	0	20.76	20.75	20.81				
15	16QAM	36	20	20.79	20.82	20.81	22	3	22	3
15	16QAM	36	39	20.77	20.79	20.78				
15	16QAM	75	0	20.75	20.74	20.81				
Channel				26740	26865	26990				
Frequency (MHz)				819	831.5	844				
10	QPSK	1	0	23.67	23.83	23.74	25	0	25	0
10	QPSK	1	25	23.69	23.80	23.74				
10	QPSK	1	49	23.60	23.62	23.63				
10	QPSK	25	12	22.73	22.78	22.74	24	1	24	1
10	QPSK	25	12	22.63	22.68	22.66				
10	QPSK	25	25	22.69	22.72	22.65				
10	QPSK	50	0	22.67	22.71	22.68	24	1	24	1
10	16QAM	1	0	22.90	22.91	22.92				
10	16QAM	1	25	22.95	22.93	23.02				
10	16QAM	1	49	22.89	23.05	22.78	23	2	23	2
10	16QAM	25	0	21.65	21.71	21.63				
10	16QAM	25	12	21.63	21.68	21.65				
10	16QAM	25	25	21.63	21.66	21.69	23	2	23	2
10	16QAM	50	0	21.66	21.62	21.74				
10	16QAM	1	0	21.80	21.91	21.81				
10	16QAM	1	25	21.74	21.85	21.89	23	2	23	2
10	16QAM	1	49	21.91	21.96	21.73				
10	16QAM	25	0	20.68	20.73	20.71				
10	16QAM	25	12	20.76	20.74	20.78	22	3	22	3
10	16QAM	25	25	20.73	20.73	20.69				
10	16QAM	50	0	20.73	20.67	20.66				
Channel				26715	26865	27015				
Frequency (MHz)				816.5	831.5	848.5				
5	QPSK	1	0	23.68	23.82	23.68	25	0	25	0
5	QPSK	1	12	23.63	23.71	23.68				
5	QPSK	1	24	23.72	23.68	23.68				
5	QPSK	12	0	22.72	22.77	22.71	24	1	24	1
5	QPSK	12	7	22.68	22.67	22.76				
5	QPSK	12	13	22.60	22.65	22.66				
5	QPSK	25	0	22.63	22.72	22.69	24	1	24	1
5	16QAM	1	0	22.96	22.95	22.97				
5	16QAM	1	12	22.91	22.99	22.97				
5	16QAM	1	24	22.97	22.97	22.81	23	2	23	2
5	16QAM	12	0	21.69	21.67	21.74				
5	16QAM	12	7	21.75	21.64	21.64				
5	16QAM	12	13	21.71	21.68	21.68	23	2	23	2
5	16QAM	25	0	21.71	21.61	21.74				
5	16QAM	1	0	21.70	21.95	21.88				
5	16QAM	1	12	21.86	21.94	21.85	22	3	22	3
5	16QAM	1	24	21.78	21.84	21.75				
5	16QAM	12	0	20.75	20.70	20.71				
5	16QAM	12	7	20.68	20.68	20.78	22	3	22	3
5	16QAM	12	13	20.74	20.71	20.76				
5	16QAM	25	0	20.62	20.69	20.69				
Channel				26705	26865	27025				
Frequency (MHz)				815.5	831.5	847.5				
3	QPSK	1	0	23.68	23.84	23.74	25	0	25	0
3	QPSK	1	8	23.62	23.67	23.74				
3	QPSK	1	14	23.59	23.74	23.64				
3	QPSK	8	0	22.69	22.77	22.69	24	1	24	1
3	QPSK	8	4	22.69	22.72	22.65				
3	QPSK	8	7	22.64	22.63	22.69				
3	QPSK	15	0	22.65	22.77	22.68	23	1	23	1
3	16QAM	1	0	22.87	22.85	22.93				
3	16QAM	1	8	22.98	22.91	22.99				
3	16QAM	1	14	22.87	22.95	22.83	23	2	23	2
3	16QAM	8	0	21.61	21.61	21.70				
3	16QAM	8	4	21.73	21.71	21.71				
3	16QAM	8	7	21.85	21.86	21.83	23	2	23	2
3	16QAM	15	0	21.62	21.65	21.71				
3	16QAM	1	0	21.73	21.81	21.80				
3	16QAM	1	8	21.72	21.82	21.87	23	2	23	2
3	16QAM	1	14	21.88	22.00	21.78				
3	16QAM	8	0	20.73	20.60	20.72				
3	16QAM	8	4	20.78	20.67	20.70	22	3	22	3
3	16QAM	8	7	20.62	20.72	20.69				
3	16QAM	15	0	20.67	20.66	20.70				
Channel				26697	26865	27033				
Frequency (MHz)				814.7	831.5	848.3				
1.4	QPSK	1	0	23.69	23.77	23.70	25	0	25	0
1.4	QPSK	1	3	23.70	23.79	23.68				
1.4	QPSK	1	5	23.72	23.76	23.62				
1.4	QPSK	3	0	23.64	23.80	23.81	24	1	24	1
1.4	QPSK	3	1	23.66	23.74	23.78				
1.4	QPSK	3	3	23.72	23.68	23.70				
1.4	QPSK	6	0	22.77	22.77	22.71	24	1	24	1
1.4	16QAM	1	0	22.71	22.77	22.73				
1.4	16QAM	1	3	22.62	22.94	22.62				
1.4	16QAM	1	5	22.62	22.72	22.78	24	1	24	1
1.4	16QAM	3	0	22.93	22.92	22.97				
1.4	16QAM	3	1	23.01	22.93	22.95				
1.4	16QAM	3	3	22.95	23.00	22.76	23	2	23	2
1.4	16QAM	6	0	21.73	21.70	21.70				
1.4	16QAM	1	0	21.74	21.63	21.68				
1.4	16QAM	1	3	21.62	21.72	21.65	23	2	23	2
1.4	16QAM	1	5	21.66	21.66	21.70				
1.4	16QAM	3	1	21.76	21.71	21.84				
1.4	16QAM	3	3	21.75	21.84	21.85	22	3	22	3
1.4	16QAM	3	3	21.84	22.02	21.76				
1.4	16QAM	6	0	20.68	20.72	20.75				

Band 26_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	24.2	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.58	23.69	23.66	23.2	1	
15	QPSK	1	37	23.53	23.61	23.54			
15	QPSK	1	74	23.53	23.62	23.62			
15	QPSK	36	0	22.62	22.70	22.61	23.2	1	
15	QPSK	36	20	22.51	22.54	22.58			
15	QPSK	36	39	22.59	22.66	22.59			
15	QPSK	75	0	22.55	22.62	22.61	23.2	1	
15	16QAM	1	0	22.85	22.92	22.93			
15	16QAM	1	37	22.83	22.90	22.93			
15	16QAM	1	74	22.91	22.94	22.85	22.2	2	
15	16QAM	36	0	21.51	21.55	21.57			
15	16QAM	36	20	21.61	21.66	21.61			
15	16QAM	36	39	21.61	21.72	21.59	22.2	2	
15	16QAM	75	0	21.55	21.64	21.63			
15	64QAM	1	0	21.55	21.64	21.69			
15	64QAM	1	37	21.66	21.83	21.85	22.2	2	
15	64QAM	1	74	21.77	21.82	21.78			
15	64QAM	36	0	20.51	20.56	20.58			
15	64QAM	36	20	20.60	20.67	20.62	21.2	3	
15	64QAM	36	39	20.66	20.72	20.63			
15	64QAM	75	0	20.54	20.62	20.61			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819 <th>831.5</th> <th>844</th> <th rowspan="2">24.2</th> <th colspan="2" rowspan="2">0</th>	831.5	844	24.2	0	
10	QPSK	1	0	23.45	23.56	23.51			
10	QPSK	1	25	23.42	23.50	23.39	23.2	1	
10	QPSK	1	49	23.41	23.55	23.55			
10	QPSK	25	0	22.47	22.60	22.46			
10	QPSK	25	12	22.42	22.43	22.51	23.2	1	
10	QPSK	25	25	22.50	22.54	22.54			
10	QPSK	50	0	22.47	22.50	22.53			
10	16QAM	1	0	22.50	22.64	22.60	23.2	1	
10	16QAM	1	25	22.77	22.84	22.82			
10	16QAM	1	49	22.82	22.82	22.77			
10	16QAM	25	0	21.37	21.47	21.45	22.2	2	
10	16QAM	25	12	21.49	21.60	21.53			
10	16QAM	25	25	21.53	21.63	21.46			
10	16QAM	50	0	21.42	21.53	21.50	22.2	2	
10	64QAM	1	0	21.41	21.57	21.63			
10	64QAM	1	25	21.59	21.73	21.71			
10	64QAM	1	49	21.70	21.72	21.73	21.2	3	
10	64QAM	25	0	20.38	20.50	20.44			
10	64QAM	25	12	20.50	20.54	20.57			
10	64QAM	25	25	20.61	20.63	20.56	21.2	3	
10	64QAM	50	0	20.45	20.47	20.48			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	24.2	0	
5	QPSK	1	0	23.47	23.59	23.51			
5	QPSK	1	12	23.38	23.53	23.39	23.2	1	
5	QPSK	1	24	23.40	23.55	23.56			
5	QPSK	12	0	22.55	22.58	22.52			
5	QPSK	12	7	22.38	22.39	22.43	23.2	1	
5	QPSK	12	13	22.50	22.58	22.50			
5	QPSK	25	0	22.48	22.53	22.49			
5	16QAM	1	0	22.54	22.62	22.66	23.2	1	
5	16QAM	1	12	22.75	22.78	22.84			
5	16QAM	1	24	22.83	22.84	22.72			
5	16QAM	12	0	21.38	21.47	21.49	22.2	2	
5	16QAM	12	7	21.50	21.54	21.48			
5	16QAM	12	13	21.49	21.65	21.45			
5	16QAM	25	0	21.49	21.58	21.56	22.2	2	
5	64QAM	1	0	21.46	21.58	21.59			
5	64QAM	1	12	21.59	21.73	21.80			
5	64QAM	1	24	21.65	21.76	21.67	21.2	3	
5	64QAM	12	0	20.40	20.42	20.52			
5	64QAM	12	7	20.49	20.53	20.52			
5	64QAM	12	13	20.52	20.60	20.54	21.2	3	
5	64QAM	25	0	20.43	20.57	20.56			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5	24.2	0	
3	QPSK	1	0	23.45	23.55	23.59			
3	QPSK	1	8	23.38	23.46	23.47	23.2	1	
3	QPSK	1	14	23.48	23.53	23.54			
3	QPSK	8	0	22.47	22.57	22.56			
3	QPSK	8	4	22.41	22.42	22.47	23.2	1	
3	QPSK	8	7	22.48	22.54	22.49			
3	QPSK	15	0	22.47	22.54	22.54			
3	16QAM	1	0	22.54	22.57	22.65	23.2	1	
3	16QAM	1	8	22.69	22.82	22.79			
3	16QAM	1	14	22.83	22.81	22.70			
3	16QAM	8	0	21.42	21.50	21.49	22.2	2	
3	16QAM	8	4	21.48	21.60	21.54			
3	16QAM	8	7	21.47	21.58	21.48			
3	16QAM	15	0	21.40	21.53	21.54	22.2	2	
3	64QAM	1	0	21.45	21.58	21.57			
3	64QAM	1	8	21.53	21.70	21.71			
3	64QAM	1	14	21.64	21.68	21.71	21.2	3	
3	64QAM	8	0	20.46	20.46	20.52			
3	64QAM	8	4	20.50	20.61	20.55			
3	64QAM	8	7	20.56	20.62	20.54	21.2	3	
3	64QAM	15	0	20.44	20.47	20.54			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3	24.2	0	
1.4	QPSK	1	0	23.51	23.58	23.56			
1.4	QPSK	1	3	23.40	23.53	23.47	24.2	0	
1.4	QPSK	1	5	23.43	23.49	23.55			
1.4	QPSK	3	0	23.51	23.56	23.54			
1.4	QPSK	3	1	23.26	23.49	23.32	23.2	1	
1.4	QPSK	3	3	23.29	23.36	23.43			
1.4	QPSK	6	0	22.49	22.53	22.56			
1.4	16QAM	1	0	22.54	22.58	22.61	23.2	1	
1.4	16QAM	1	3	22.69	22.75	22.85			
1.4	16QAM	1	5	22.76	22.82	22.82			
1.4	16QAM	3	0	22.39	22.51	22.57	22.2	2	
1.4	16QAM	3	1	22.60	22.66	22.72			
1.4	16QAM	3	3	22.63	22.78	22.60			
1.4	16QAM	6	0	21.48	21.58	21.55	22.2	2	
1.4	64QAM	1	0	21.45	21.55	21.54			
1.4	64QAM	1	3	21.58	21.77	21.79			
1.4	64QAM	1	5	21.63	21.67	21.64	22.2	2	
1.4	64QAM	3	0	21.43	21.46	21.53			
1.4	64QAM	3	1	21.47	21.64	21.68			
1.4	64QAM	3	3	21.58	21.53	21.60	21.2	3	
1.4	64QAM	6	0	20.41	20.47	20.55			

Band 66_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572	24.8	0	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	23.34	23.50	23.82	23.8	1	
20	QPSK	1	49	23.33	23.43	23.76			
20	QPSK	1	99	23.33	23.48	23.77			
20	QPSK	50	0	22.35	22.52	22.84	23.8	1	
20	QPSK	50	24	22.26	22.40	22.71			
20	QPSK	50	50	22.23	22.44	22.77			
20	QPSK	100	0	22.36	22.50	22.82	22.8	2	
20	16QAM	1	49	22.36	22.54	22.86			
20	16QAM	1	99	22.58	22.49	22.44			
20	16QAM	1	99	22.48	22.38	22.46	21.8	2	
20	16QAM	50	0	21.34	21.14	21.16			
20	16QAM	50	24	21.31	21.11	21.15			
20	16QAM	50	50	21.22	21.09	21.18	21.8	3	
20	16QAM	100	0	21.30	21.10	21.15			
20	16QAM	1	49	21.47	21.48	21.35			
20	64QAM	1	49	21.48	21.26	21.28	22.8	2	
20	64QAM	1	99	21.40	21.29	21.34			
20	64QAM	50	0	20.32	20.12	20.17			
20	64QAM	50	24	20.30	20.10	20.16	21.8	3	
20	64QAM	50	50	20.20	20.08	20.20			
20	64QAM	100	0	20.28	20.09	20.15			
Channel				132047	132322	132597	24.8	0	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	23.24	23.42	23.76	23.8	1	
15	QPSK	1	37	23.20	23.39	23.74			
15	QPSK	1	74	23.25	23.34	23.66			
15	QPSK	36	0	22.21	22.30	22.78	23.8	1	
15	QPSK	36	39	22.21	22.32	22.67			
15	QPSK	36	39	22.09	22.36	22.76			
15	QPSK	75	0	22.34	22.36	22.68	23.8	1	
15	16QAM	1	0	22.57	22.49	22.40			
15	16QAM	1	37	22.47	22.45	22.43			
15	16QAM	1	74	22.44	22.30	22.46	22.8	2	
15	16QAM	36	0	21.33	21.21	21.02			
15	16QAM	36	39	21.20	21.02	21.00			
15	16QAM	36	39	21.10	21.15	21.13	22.8	2	
15	16QAM	75	0	21.22	21.00	21.03			
15	64QAM	1	0	21.40	21.38	21.21			
15	64QAM	1	37	21.37	21.20	21.14	22.8	2	
15	64QAM	1	74	21.33	21.22	21.19			
15	64QAM	36	0	20.26	20.03	20.05			
15	64QAM	36	20	20.18	20.09	20.05	21.8	3	
15	64QAM	36	39	20.18	20.08	20.17			
15	64QAM	75	0	20.17	20.01	20.08			
Channel				132022	132322	132622	24.8	0	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	23.21	23.44	23.71	23.8	1	
10	QPSK	1	25	23.23	23.31	23.67			
10	QPSK	1	49	23.20	23.38	23.68			
10	QPSK	25	0	22.24	22.44	22.82	23.8	1	
10	QPSK	25	12	22.24	22.32	22.66			
10	QPSK	25	25	22.19	22.43	22.73			
10	QPSK	50	0	22.31	22.42	22.76	23.8	1	
10	16QAM	1	0	22.43	22.43	22.35			
10	16QAM	1	25	22.57	22.47	22.38			
10	16QAM	1	49	22.45	22.30	22.42	22.8	2	
10	16QAM	25	0	21.28	21.08	21.13			
10	16QAM	25	12	21.16	21.07	21.02			
10	16QAM	25	25	21.20	21.08	21.10	22.8	2	
10	16QAM	50	0	21.19	21.05	21.11			
10	16QAM	50	1	21.32	21.43	21.51			
10	64QAM	1	25	21.21	21.10	21.12	21.8	3	
10	64QAM	1	49	21.37	21.19	21.19			
10	64QAM	25	0	20.18	20.11	20.05			
10	64QAM	25	12	20.22	20.20	20.12	21.8	3	
10	64QAM	25	25	20.06	20.18	20.14			
10	64QAM	50	0	20.19	20.07	20.05			
Channel				131997	132322	132647	24.8	0	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	23.26	23.45	23.77	23.8	1	
5	QPSK	1	12	23.29	23.29	23.69			
5	QPSK	1	24	23.28	23.38	23.65			
5	QPSK	12	0	22.28	22.50	22.72	23.8	1	
5	QPSK	12	7	22.23	22.37	22.65			
5	QPSK	12	13	22.10	22.40	22.65			
5	QPSK	25	0	22.35	22.37	22.77	23.8	1	
5	16QAM	1	0	22.64	22.46	22.42			
5	16QAM	1	12	22.47	22.43	22.36			
5	16QAM	1	24	22.35	22.32	22.34	22.8	2	
5	16QAM	12	0	21.21	21.11	21.12			
5	16QAM	12	7	21.10	21.05	21.14			
5	16QAM	12	13	21.07	21.11	21.11	22.8	2	
5	16QAM	25	0	21.21	21.15	21.12			
5	64QAM	1	0	21.38	21.35	21.28			
5	64QAM	1	12	21.36	21.18	21.17	21.8	3	
5	64QAM	1	24	21.32	21.28	21.28			
5	64QAM	12	0	20.31	20.09	20.13			
5	64QAM	12	7	20.31	20.20	20.03	21.8	3	
5	64QAM	12	13	20.19	20.13	20.12			
5	64QAM	25	0	20.21	20.02	20.11			
Channel				131987	132322	132657	24.8	0	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	23.27	23.42	23.75	23.8	1	
3	QPSK	1	8	23.26	23.38	23.74			
3	QPSK	1	14	23.23	23.38	23.62			
3	QPSK	8	0	22.31	22.37	22.83	23.8	1	
3	QPSK	8	4	22.20	22.31	22.58			
3	QPSK	8	7	22.18	22.31	22.62			
3	QPSK	16	0	22.27	22.40	22.79	23.8	1	
3	16QAM	1	0	20.61	22.51	22.35			
3	16QAM	1	8	22.47	22.39	22.36			
3	16QAM	1	14	22.42	22.26	22.33	22.8	2	
3	16QAM	8	0	21.32	21.07	21.12			
3	16QAM	8	4	21.30	21.05	21.09			
3	16QAM	8	7	21.17	21.11	21.12	22.8	2	
3	16QAM	15	0	21.15	21.04	21.10			
3	64QAM	1	0	21.36	21.42	21.24			
3	64QAM	1	8	21.31	21.18	21.14	21.8	3	
3	64QAM	1	14	21.33	21.15	21.20			
3	64QAM	8	0	20.30	20.06	20.14			
3	64QAM	8	4	20.23	20.07	20.02	21.8	3	
3	64QAM	8	7	20.11	20.00	20.05			
3	64QAM	15	0	20.18	20.02	20.09			
Channel				131977	132322	132665	24.8	0	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	23.28	23.41	23.78	23.8	1	
1.4	QPSK	1	3	23.29	23.28	23.70			
1.4	QPSK	1	3	23.27	23.34	23.76			
1.4	QPSK	3	0	23.24	23.48	23.71	23.8	1	
1.4	QPSK	3	1	23.24	23.42	23.65			
1.4	QPSK	3	3	23.31	23.44	23.73			
1.4	QPSK	6	0	22.27	22.49	22.72	23.8	1	
1.4	16QAM	1	3	22.25	22.27	22.59			
1.4	16QAM	1	3	22.30	22.35	22.73			
1.4	16QAM	3	3	22.37	22.40	22.30	23.8	1	
1.4	16QAM	3	1	22.57	22.41	22.34			
1.4	16QAM	3	3	22.45	22.31	22.33			
1.4	16QAM	6	0	21.21	21.05	21.03	22.8	2	
1.4	64QAM	1	0	21.24	21.05	21.14			
1.4	64QAM	1	3	21.11	21.06	21.13			
1.4	64QAM	1	5	21.16	21.09	21.10	22.8	2	
1.4	64QAM	1	0	21.38	21.21	21.24			
1.4	64QAM	3	3	21.37	21.20	21.14			
1.4	64QAM	3	3	21.37	21.17	21.27	21.8	2	
1.4	64QAM	6	0	20.25	20.05	20.06			

Band 66_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572	19.3	0	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	18.12	18.56	18.75	19.3	0	
20	QPSK	1	49	18.05	18.33	18.61			
20	QPSK	1	99	18.07	18.30	18.69			
20	QPSK	50	0	18.11	18.55	18.73	19.3	0	
20	QPSK	50	24	18.05	18.26	18.59			
20	QPSK	50	50	18.08	18.22	18.69			
20	QPSK	100	0	18.10	18.33	18.71	19.3	0	
20	16QAM	1	0	18.08	18.24	18.58			
20	16QAM	1	49	18.07	18.34	18.59			
20	16QAM	1	99	18.00	18.20	18.60	19.3	0	
20	16QAM	50	0	17.98	18.23	18.72			
20	16QAM	50	24	18.02	18.31	18.62			
20	16QAM	50	50	17.96	18.33	18.58	19.3	0	
20	16QAM	100	0	18.00	18.22	18.69			
20	64QAM	1	0	18.00	18.25	18.64			
20	64QAM	1	49	18.07	18.31	18.70	19.3	0	
20	64QAM	1	99	18.07	18.34	18.59			
20	64QAM	50	0	18.04	18.23	18.62			
20	64QAM	50	24	17.96	18.23	18.58	19.3	0	
20	64QAM	50	50	18.09	18.30	18.69			
20	64QAM	100	0	18.05	18.32	18.60			
Channel				132047	132322	132597	19.3	0	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	17.99	18.33	18.60	19.3	0	
15	QPSK	1	37	18.05	18.31	18.71			
15	QPSK	1	74	18.02	18.22	18.68			
15	QPSK	36	0	18.03	18.22	18.66	19.3	0	
15	QPSK	36	20	18.06	18.21	18.60			
15	QPSK	36	39	18.01	18.28	18.70			
15	QPSK	75	0	18.02	18.24	18.66	19.3	0	
15	16QAM	1	0	18.01	18.28	18.58			
15	16QAM	1	37	18.00	18.32	18.65			
15	16QAM	1	74	18.03	18.32	18.59	19.3	0	
15	16QAM	36	0	17.97	18.28	18.71			
15	16QAM	36	20	18.05	18.29	18.69			
15	16QAM	36	39	18.06	18.24	18.61	19.3	0	
15	16QAM	75	0	18.06	18.25	18.69			
15	64QAM	1	0	18.09	18.32	18.58			
15	64QAM	1	37	18.00	18.20	18.61	19.3	0	
15	64QAM	1	74	18.05	18.23	18.58			
15	64QAM	36	0	18.04	18.25	18.58			
15	64QAM	36	20	17.97	18.22	18.62	19.3	0	
15	64QAM	36	39	18.02	18.23	18.63			
15	64QAM	75	0	18.03	18.32	18.59			
Channel				132022	132322	132622	19.3	0	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	17.99	18.25	18.60	19.3	0	
10	QPSK	1	25	17.97	18.34	18.66			
10	QPSK	1	49	17.96	18.22	18.63			
10	QPSK	25	0	18.09	18.22	18.70	19.3	0	
10	QPSK	25	12	18.01	18.21	18.59			
10	QPSK	25	25	18.09	18.30	18.59			
10	QPSK	50	0	18.08	18.28	18.72	19.3	0	
10	16QAM	1	0	18.06	18.31	18.61			
10	16QAM	1	25	18.09	18.21	18.67			
10	16QAM	1	49	18.06	18.21	18.68	19.3	0	
10	16QAM	25	0	18.06	18.28	18.71			
10	16QAM	25	12	18.10	18.25	18.67			
10	16QAM	25	25	18.05	18.31	18.72	19.3	0	
10	16QAM	50	0	17.97	18.33	18.68			
10	64QAM	1	0	17.96	18.21	18.64			
10	64QAM	1	25	18.03	18.25	18.71	19.3	0	
10	64QAM	1	49	18.09	18.25	18.69			
10	64QAM	25	0	18.03	18.26	18.64			
10	64QAM	25	12	17.98	18.20	18.62	19.3	0	
10	64QAM	25	25	17.99	18.32	18.70			
10	64QAM	50	0	17.95	18.31	18.65			
Channel				131997	132322	132647	19.3	0	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	18.07	18.28	18.61	19.3	0	
5	QPSK	1	12	18.07	18.24	18.67			
5	QPSK	1	24	18.00	18.33	18.68			
5	QPSK	12	0	18.08	18.23	18.59	19.3	0	
5	QPSK	12	7	18.06	18.22	18.61			
5	QPSK	12	13	17.98	18.30	18.72			
5	QPSK	25	0	18.04	18.28	18.72	19.3	0	
5	16QAM	1	0	18.09	18.28	18.64			
5	16QAM	1	12	18.04	18.28	18.58			
5	16QAM	1	24	17.98	18.26	18.69	19.3	0	
5	16QAM	12	0	18.03	18.23	18.69			
5	16QAM	12	7	18.04	18.29	18.67			
5	16QAM	12	13	18.01	18.27	18.66	19.3	0	
5	16QAM	25	0	18.06	18.31	18.58			
5	64QAM	1	0	18.10	18.27	18.65			
5	64QAM	1	12	17.98	18.33	18.70	19.3	0	
5	64QAM	1	24	18.03	18.34	18.63			
5	64QAM	12	0	17.95	18.34	18.69			
5	64QAM	12	7	18.09	18.22	18.71	19.3	0	
5	64QAM	12	13	17.99	18.21	18.68			
5	64QAM	25	0	17.99	18.27	18.72			
Channel				131987	132322	132657	19.3	0	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	17.98	18.26	18.63	19.3	0	
3	QPSK	1	8	18.03	18.30	18.65			
3	QPSK	1	14	18.01	18.24	18.60			
3	QPSK	8	0	18.09	18.27	18.64	19.3	0	
3	QPSK	8	4	18.06	18.33	18.71			
3	QPSK	8	7	18.10	18.26	18.61			
3	QPSK	15	0	18.08	18.22	18.70	19.3	0	
3	16QAM	1	0	18.01	18.25	18.63			
3	16QAM	1	8	17.99	18.26	18.70			
3	16QAM	1	14	17.96	18.22	18.61	19.3	0	
3	16QAM	8	0	17.99	18.30	18.71			
3	16QAM	8	4	17.96	18.25	18.69			
3	16QAM	8	7	18.02	18.30	18.64	19.3	0	
3	16QAM	15	0	17.96	18.26	18.69			
3	64QAM	1	0	18.03	18.30	18.62			
3	64QAM	1	8	18.08	18.31	18.70	19.3	0	
3	64QAM	1	14	18.08	18.23	18.69			
3	64QAM	8	0	18.06	18.31	18.60			
3	64QAM	8	4	18.05	18.21	18.61	19.3	0	
3	64QAM	8	7	18.10	18.33	18.58			
3	64QAM	15	0	18.02	18.30	18.61			
Channel				131979	132322	132685	19.3	0	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	18.06	18.21	18.67	19.3	0	
1.4	QPSK	1	3	18.05	18.34	18.72			
1.4	QPSK	1	5	18.10	18.21	18.64			
1.4	QPSK	3	0	17.96	18.21	18.69	19.3	0	
1.4	QPSK	3	1	17.96	18.22	18.71			
1.4	QPSK	3	3	18.02	18.24	18.71			
1.4	QPSK	6	0	18.06	18.21	18.66	19.3	0	
1.4	16QAM	1	0	18.09					
1.4	16QAM	1	3	18.03	18.20	18.69			
1.4	16QAM	1	5	17.96	18.26	18.68	19.3	0	
1.4	16QAM	3	0	18.10	18.31	18.64			
1.4	16QAM	3	1	17.96	18.28	18.66			
1.4	16QAM	3	3	18.01	18.32	18.68	19.3	0	
1.4	16QAM	6	0	18.08	18.30	18.65			
1.4	64QAM	1	0	18.09	18.25	18.59			
1.4	64QAM	1	3	18.00	18.33	18.65	19.3	0	
1.4	64QAM	1	5	18.05	18.25	18.72			
1.4	64QAM	3	0	17.95	18.32	18.70			
1.4	64QAM	3	3	18.08	18.31	18.64	19.3	0	
1.4	64QAM	3	3	17.98	18.28	18.72			
1.4	64QAM	6	0	18.10	18.25	18.63			

Band 38_Ant 3												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)				
Channel				37850	38000	38150						
Frequency (MHz)				2580	2595	2610						
20	QPSK	1	0	23.75	23.80	23.77	24.5	0				
20	QPSK	1	49	23.71	23.76	23.69						
20	QPSK	1	99	23.74	23.75	23.66						
20	QPSK	50	0	22.83	22.85	22.83						
20	QPSK	50	24	22.72	22.71	22.70	23.5	1				
20	QPSK	50	50	22.74	22.77	22.78						
20	QPSK	100	0	22.81	22.84	22.82						
20	16QAM	1	0	22.91	22.88	22.88						
20	16QAM	1	49	22.99	22.99	22.93	23.5	1				
20	16QAM	1	99	23.01	22.95	23.07						
20	16QAM	50	0	21.82	21.83	21.82						
20	16QAM	50	24	21.89	21.85	21.86						
20	16QAM	50	50	21.91	21.88	21.94	22.5	2				
20	16QAM	100	0	21.89	21.86	21.89						
20	64QAM	1	0	21.75	21.77	21.74						
20	64QAM	1	49	21.81	21.77	21.81						
20	64QAM	1	99	21.87	21.82	21.97	22.5	2				
20	64QAM	50	0	20.83	20.80	20.81						
20	64QAM	50	24	20.86	20.81	20.87						
20	64QAM	50	50	20.91	20.85	20.94						
20	64QAM	100	0	20.86	20.85	20.87	21.5	3				
Channel				37800	38000	38175			Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5						
15	QPSK	1	0	23.68	23.72	23.69			24.5	0		
15	QPSK	1	37	23.62	23.63	23.54						
15	QPSK	1	74	23.67	23.65	23.61						
15	QPSK	36	0	22.74	22.70	22.68						
15	QPSK	36	20	22.68	22.65	22.58	23.5	1				
15	QPSK	36	39	22.67	22.70	22.71						
15	QPSK	75	0	22.66	22.71	22.68						
15	16QAM	1	0	22.76	22.81	22.74						
15	16QAM	1	37	22.66	22.69	22.85	23.5	1				
15	16QAM	1	74	22.96	22.84	22.94						
15	16QAM	36	0	21.76	21.75	21.73						
15	16QAM	36	20	21.78	21.78	21.71						
15	16QAM	36	39	21.86	21.80	21.87	22.5	2				
15	16QAM	75	0	21.77	21.74	21.74						
15	64QAM	1	0	21.65	21.69	21.65						
15	64QAM	1	37	21.76	21.68	21.73						
15	64QAM	1	74	21.77	21.73	21.89	21.5	3				
15	64QAM	36	0	20.72	20.75	20.68						
15	64QAM	36	20	20.76	20.71	20.77						
15	64QAM	36	39	20.76	20.72	20.80						
15	64QAM	75	0	20.75	20.75	20.75						
Channel				37800	38000	38200	Turn-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2575	2595	2615						
10	QPSK	1	0	23.65	23.69	23.68	24.5	0				
10	QPSK	1	25	23.62	23.68	23.64						
10	QPSK	1	49	23.62	23.65	23.56						
10	QPSK	25	0	22.69	22.71	22.72						
10	QPSK	25	12	22.60	22.60	22.63	23.5	1				
10	QPSK	25	25	22.67	22.71	22.66						
10	QPSK	50	0	22.73	22.79	22.69						
10	16QAM	1	0	22.81	22.76	22.80						
10	16QAM	1	25	22.94	22.92	22.84	23.5	1				
10	16QAM	1	49	22.90	22.83	22.96						
10	16QAM	25	0	21.71	21.74	21.71						
10	16QAM	25	12	21.62	21.77	21.78						
10	16QAM	25	25	21.62	21.75	21.86	22.5	2				
10	16QAM	50	0	21.82	21.71	21.82						
10	64QAM	1	0	21.62	21.69	21.66						
10	64QAM	1	25	21.70	21.69	21.71						
10	64QAM	1	49	21.76	21.69	21.88	21.5	3				
10	64QAM	25	0	20.76	20.71	20.72						
10	64QAM	25	12	20.76	20.69	20.74						
10	64QAM	25	25	20.76	20.78	20.86						
10	64QAM	50	0	20.71	20.73	20.73						
Channel				37775	38000	38225	Turn-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2572.5	2595	2617.5						
5	QPSK	1	0	23.65	23.75	23.63	24.5	0				
5	QPSK	1	12	23.62	23.67	23.58						
5	QPSK	1	24	23.66	23.63	23.61						
5	QPSK	12	0	22.78	22.75	22.73						
5	QPSK	12	7	22.63	22.65	22.55	23.5	1				
5	QPSK	12	13	22.61	22.70	22.73						
5	QPSK	25	0	22.74	22.72	22.75						
5	16QAM	1	0	22.92	22.78	22.74						
5	16QAM	1	12	22.92	22.93	22.84	23.5	1				
5	16QAM	1	24	22.95	22.83	23.01						
5	16QAM	12	0	21.77	21.69	21.71						
5	16QAM	12	7	21.77	21.72	21.77						
5	16QAM	12	13	21.83	21.81	21.82	22.5	2				
5	16QAM	25	0	21.82	21.79	21.78						
5	64QAM	1	0	21.67	21.68	21.66						
5	64QAM	1	12	21.73	21.69	21.68						
5	64QAM	1	24	21.77	21.76	21.92	21.5	3				
5	64QAM	12	0	20.78	20.75	20.71						
5	64QAM	12	7	20.79	20.67	20.72						
5	64QAM	12	13	20.84	20.79	20.85						
5	64QAM	25	0	20.75	20.79	20.79						

Band 38_Ant 1												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)				
Channel				37850	38000	38150						
Frequency (MHz)				2580	2595	2610						
20	QPSK	1	0	19.28	19.30	19.27	20	0				
20	QPSK	1	49	19.26	19.19	19.12						
20	QPSK	1	99	19.16	19.19	19.18						
20	QPSK	50	0	19.27	19.28	19.25						
20	QPSK	50	24	19.23	19.25	19.21	20	0				
20	QPSK	50	50	19.24	19.16	19.12						
20	QPSK	100	0	19.25	19.28	19.23						
20	16QAM	1	0	19.19	19.26	19.15						
20	16QAM	1	49	19.16	19.27	19.20	20	0				
20	16QAM	1	99	19.15	19.20	19.20						
20	16QAM	50	0	19.26	19.13	19.15						
20	16QAM	50	24	19.21	19.27	19.23						
20	16QAM	50	50	19.13	19.14	19.10	20	0				
20	64QAM	1	0	19.16	19.22	19.16						
20	64QAM	1	49	19.13	19.25	19.23						
20	64QAM	1	99	19.18	19.27	19.23						
20	64QAM	50	0	19.21	19.17	19.13	20	0				
20	64QAM	50	24	19.15	19.26	19.21						
20	64QAM	50	50	19.12	19.18	19.11						
20	64QAM	100	0	19.24	19.18	19.17						
Channel				37850	38000	38150						
Frequency (MHz)				2617.5 <th>2656<th>2617.5<th>Turn-up limit (dBm)</th><th>MPR (dB)</th><th colspan="2"></th></th></th>	2656 <th>2617.5<th>Turn-up limit (dBm)</th><th>MPR (dB)</th><th colspan="2"></th></th>	2617.5 <th>Turn-up limit (dBm)</th> <th>MPR (dB)</th> <th colspan="2"></th>	Turn-up limit (dBm)	MPR (dB)				
15	QPSK	1	0	19.26	19.13	19.22	20	0				
15	QPSK	1	37	19.20	19.15	19.11						
15	QPSK	1	74	19.22	19.22	19.21						
15	QPSK	36	0	19.15	19.23	19.11						
15	QPSK	36	20	19.15	19.23	19.22	20	0				
15	QPSK	36	39	19.23	19.24	19.22						
15	QPSK	75	0	19.16	19.17	19.10						
15	16QAM	1	0	19.18	19.15	19.22						
15	16QAM	1	37	19.15	19.17	19.25	20	0				
15	16QAM	1	74	19.16	19.25	19.10						
15	16QAM	36	0	19.17	19.13	19.20						
15	16QAM	36	20	19.26	19.27	19.13						
15	16QAM	36	39	19.24	19.22	19.17	20	0				
15	16QAM	75	0	19.26	19.26	19.23						
15	64QAM	1	0	19.17	19.22	19.23						
15	64QAM	1	37	19.23	19.26	19.14						
15	64QAM	1	74	19.25	19.25	19.20	20	0				
15	64QAM	36	0	19.16	19.21	19.17						
15	64QAM	36	20	19.20	19.18	19.11						
15	64QAM	36	39	19.19	19.20	19.12						
15	64QAM	75	0	19.24	19.16	19.21	20	0				
15	64QAM	75	0	19.25	19.26	19.25						
Channel				37850	38000	38150			Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2617.5 <th>2596<th>2617.5<th>Turn-up limit (dBm)</th><th>MPR (dB)</th><th colspan="2"></th></th></th>	2596 <th>2617.5<th>Turn-up limit (dBm)</th><th>MPR (dB)</th><th colspan="2"></th></th>	2617.5 <th>Turn-up limit (dBm)</th> <th>MPR (dB)</th> <th colspan="2"></th>			Turn-up limit (dBm)	MPR (dB)		
10	QPSK	1	0	19.24	19.21	19.21	20	0				
10	QPSK	1	25	19.21	19.21	19.18						
10	QPSK	1	49	19.25	19.15	19.13						
10	QPSK	1	74	19.12	19.13	19.10						
10	QPSK	25	12	19.15	19.24	19.10	20	0				
10	QPSK	25	25	19.26	19.18	19.20						
10	QPSK	50	0	19.18	19.16	19.19						
10	16QAM	1	0	19.14	19.21	19.18						
10	16QAM	1	25	19.13	19.17	19.20	20	0				
10	16QAM	1	49	19.23	19.21	19.14						
10	16QAM	25	0	19.23	19.22	19.19						
10	16QAM	25	12	19.24	19.20	19.13						
10	16QAM	25	25	19.22	19.27	19.14	20	0				
10	16QAM	50	0	19.23	19.16	19.12						
10	64QAM	1	0	19.26	19.17	19.17						
10	64QAM	25	12	19.22	19.24	19.21						
10	64QAM	1	49	19.19	19.17	19.12	20	0				
10	64QAM	25	12	19.21	19.21	19.14						
10	64QAM	25	25	19.12	19.26	19.18						
10	64QAM	50	0	19.15	19.13	19.16						
Channel				37775	38000	38225	Turn-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2617.5 <th>2596<th>2617.5</th><th>Turn-up limit (dBm)</th><th>MPR (dB)</th><th colspan="2"></th></th>	2596 <th>2617.5</th> <th>Turn-up limit (dBm)</th> <th>MPR (dB)</th> <th colspan="2"></th>	2617.5	Turn-up limit (dBm)	MPR (dB)				
5	QPSK	1	0	19.20	19.17	19.20	20	0				
5	QPSK	1	12	19.22	19.16	19.13						
5	QPSK	1	24	19.15	19.19	19.16						
5	QPSK	12	0	19.16	19.27	19.21						
5	QPSK	12	7	19.16	19.20	19.13	20	0				
5	QPSK	12	13	19.24	19.27	19.14						
5	QPSK	25	0	19.25	19.22	19.16						
5	16QAM	1	0	19.25	19.16	19.18						
5	16QAM	1	12	19.18	19.18	19.19	20	0				
5	16QAM	1	24	19.12	19.20	19.22						
5	16QAM	12	0	19.22	19.19	19.17						
5	16QAM	12	7	19.18	19.20	19.19						
5	16QAM	12	13	19.15	19.27	19.24	20	0				
5	16QAM	25	0	19.18	19.17	19.20						
5	64QAM	1	0	19.18	19.24	19.15						
5	64QAM	12	0	19.20	19.16	19.10						
5	64QAM	1	24	19.24	19.13	19.15	20	0				
5	64QAM	12	0	19.26	19.13	19.12						
5	64QAM	12	7	19.15	19.20	19.11						
5	64QAM	12	13	19.21	19.17	19.17						
5	64QAM	25	0	19.21	19.17	19.18	20	0				
5	64QAM	25	7	19.19	19.20	19.17						
5	64QAM	25	13	19.20	19.18	19.16						
5	64QAM	25	0	19.21	19.17	19.18						

Band 41_Ant 3										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power Low High Ch. / Freq	Power High Ch. / Freq	Power High Ch. / Freq	Turn-up limit (dBm)	MPR (dB)
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.62	23.55	23.55	23.45	23.39	24.5	0
20	QPSK	1	49	23.77	23.48	23.47	23.43	23.49	24.5	0
20	QPSK	1	99	23.77	23.41	23.41	23.34	23.39	24.5	0
20	QPSK	50	0	22.79	22.53	22.49	22.43	22.52	23.5	1
20	QPSK	50	24	22.77	22.47	22.42	22.41	22.45	23.5	1
20	QPSK	50	50	22.72	22.37	22.36	22.33	22.39	23.5	1
20	QPSK	100	0	22.78	22.44	22.43	22.40	22.43	23.5	1
20	16QAM	1	0	22.78	22.41	22.48	22.33	22.50	23.5	1
20	16QAM	1	49	22.80	22.47	22.46	22.46	22.48	23.5	1
20	16QAM	1	99	22.95	22.57	22.58	22.53	22.55	23.5	1
20	16QAM	50	0	21.70	21.43	21.39	21.35	21.45	22.5	2
20	16QAM	50	24	21.76	21.47	21.44	21.41	21.48	22.5	2
20	16QAM	50	50	21.81	21.46	21.45	21.44	21.52	22.5	2
20	16QAM	100	0	21.78	21.47	21.42	21.39	21.45	22.5	2
20	16QAM	1	0	21.48	21.11	21.11	21.02	21.14	22.5	2
20	16QAM	1	49	21.46	21.18	21.15	21.12	21.15	22.5	2
20	16QAM	1	99	21.59	21.27	21.20	21.19	21.26	22.5	2
20	16QAM	50	0	20.67	20.44	20.37	20.33	20.41	21.5	3
20	16QAM	50	24	20.73	20.44	20.43	20.37	20.43	21.5	3
20	16QAM	50	50	20.81	20.47	20.45	20.45	20.48	21.5	3
20	16QAM	100	0	20.74	20.46	20.41	20.41	20.44	21.5	3
Channel										
Frequency (MHz)										
15	QPSK	1	0	25.63	25.43	25.93	26.37	26.82	24.5	0
15	QPSK	1	37	25.71	25.41	25.38	25.32	25.46	24.5	0
15	QPSK	1	74	25.69	25.36	25.33	25.27	25.33	24.5	0
15	QPSK	36	0	22.74	22.45	22.39	22.30	22.44	23.5	1
15	QPSK	36	20	22.66	22.38	22.33	22.20	22.31	23.5	1
15	QPSK	36	39	22.67	22.32	22.31	22.23	22.30	23.5	1
15	QPSK	75	0	22.68	22.35	22.38	22.27	22.35	23.5	1
15	16QAM	1	0	22.73	22.34	22.40	22.32	22.47	23.5	1
15	16QAM	1	37	22.75	22.33	22.41	22.32	22.34	23.5	1
15	16QAM	1	74	22.68	22.42	22.32	22.39	22.43	23.5	1
15	16QAM	36	0	21.55	21.34	21.30	21.33	21.32	22.5	2
15	16QAM	36	20	21.67	21.35	21.29	21.35	21.42	22.5	2
15	16QAM	36	39	21.73	21.40	21.40	21.30	21.41	22.5	2
15	16QAM	75	0	21.68	21.36	21.37	21.37	21.33	22.5	2
15	16QAM	1	0	21.38	21.06	21.05	21.00	21.10	22.5	2
15	16QAM	1	37	21.32	21.02	21.02	21.00	21.09	22.5	2
15	16QAM	1	74	21.50	21.13	21.07	21.18	21.22	22.5	2
15	16QAM	36	0	20.68	20.35	20.32	20.30	20.38	21.5	3
15	16QAM	36	20	20.58	20.39	20.38	20.27	20.34	21.5	3
15	16QAM	36	39	20.74	20.40	20.30	20.42	20.37	21.5	3
15	16QAM	75	0	20.61	20.40	20.32	20.28	20.34	21.5	3
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.68	23.49	23.42	23.30	23.59	24.5	0
10	QPSK	1	25	23.66	23.33	23.39	23.39	23.46	24.5	0
10	QPSK	1	49	23.64	23.34	23.20	23.23	23.32	24.5	0
10	QPSK	25	0	22.64	22.39	22.42	22.37	22.51	23.5	1
10	QPSK	25	12	22.69	22.41	22.34	22.29	22.44	23.5	1
10	QPSK	25	25	22.66	22.31	22.29	22.19	22.33	23.5	1
10	QPSK	50	0	22.68	22.34	22.30	22.25	22.35	23.5	1
10	16QAM	1	0	22.71	22.28	22.34	22.25	22.42	23.5	1
10	16QAM	1	25	22.75	22.33	22.40	22.34	22.35	23.5	1
10	16QAM	1	49	22.80	22.44	22.45	22.51	22.40	23.5	1
10	16QAM	25	0	21.63	21.29	21.28	21.28	21.30	22.5	2
10	16QAM	25	12	21.61	21.40	21.29	21.38	21.31	22.5	2
10	16QAM	25	25	21.70	21.36	21.34	21.44	21.39	22.5	2
10	16QAM	50	0	21.71	21.37	21.31	21.30	21.45	22.5	2
10	16QAM	1	0	21.37	21.03	21.03	21.06	21.11	22.5	2
10	16QAM	1	25	21.34	21.05	21.06	21.03	21.04	22.5	2
10	16QAM	1	49	21.47	21.22	21.08	21.15	21.14	22.5	2
10	16QAM	25	0	20.58	20.35	20.30	20.26	20.32	21.5	3
10	16QAM	25	12	20.65	20.33	20.35	20.23	20.41	21.5	3
10	16QAM	25	25	20.76	20.34	20.33	20.40	20.41	21.5	3
10	16QAM	50	0	20.68	20.31	20.26	20.32	20.39	21.5	3
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.73	23.49	23.44	23.30	23.59	24.5	0
5	QPSK	1	12	23.66	23.38	23.40	23.28	23.39	24.5	0
5	QPSK	1	24	23.69	23.34	23.26	23.32	23.31	24.5	0
5	QPSK	12	0	22.67	22.45	22.34	22.34	22.52	23.5	1
5	QPSK	12	7	22.64	22.33	22.27	22.26	22.43	23.5	1
5	QPSK	12	13	22.63	22.27	22.31	22.32	22.25	23.5	1
5	QPSK	25	0	22.70	22.33	22.31	22.28	22.28	23.5	1
5	16QAM	1	0	22.64	22.35	22.40	22.33	22.45	23.5	1
5	16QAM	1	12	22.65	22.36	22.43	22.45	22.39	23.5	1
5	16QAM	1	24	22.80	22.42	22.43	22.38	22.53	23.5	1
5	16QAM	12	0	21.65	21.35	21.26	21.22	21.41	22.5	2
5	16QAM	12	7	21.68	21.34	21.30	21.30	21.49	22.5	2
5	16QAM	12	13	21.73	21.34	21.38	21.31	21.49	22.5	2
5	16QAM	25	0	21.69	21.35	21.27	21.27	21.32	22.5	2
5	16QAM	1	0	21.36	21.09	21.04	21.08	21.12	22.5	2
5	16QAM	1	12	21.51	21.06	21.03	21.01	21.11	22.5	2
5	16QAM	1	24	21.52	21.18	21.10	21.17	21.11	22.5	2
5	16QAM	12	0	20.56	20.37	20.25	20.23	20.36	21.5	3
5	16QAM	12	7	20.65	20.30	20.31	20.31	20.43	21.5	3
5	16QAM	12	13	20.66	20.33	20.37	20.31	20.38	21.5	3
5	16QAM	25	0	20.68	20.34	20.33	20.33	20.35	21.5	3

Band 41_Ant 1												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power Middle Ch. / Freq	Power High Middle Ch. / Freq	Power High Ch. / Freq	Turn-up limit (dbm)	MPR (db)		
Channel												
Frequency (MHz)												
20	QPSK	1	0	17.69	17.66	17.55	17.60	17.68	18.5	0		
20	QPSK	1	49	17.57	17.56	17.50	17.47	17.58				
20	QPSK	1	99	17.55	17.58	17.46	17.46	17.54				
20	QPSK	50	0	17.67	17.65	17.57	17.58	17.65				
20	QPSK	50	24	17.52	17.57	17.45	17.50	17.61	18.5	0		
20	QPSK	50	50	17.57	17.55	17.44	17.52	17.54				
20	16QAM	1	0	17.68	17.61	17.53	17.49	17.55				
20	16QAM	1	49	17.61	17.58	17.43	17.49	17.52				
20	16QAM	1	99	17.60	17.60	17.50	17.52	17.56	18.5	0		
20	16QAM	50	0	17.61	17.56	17.51	17.52	17.64				
20	16QAM	50	24	17.61	17.52	17.48	17.47	17.54				
20	16QAM	50	50	17.66	17.55	17.51	17.54	17.62				
20	16QAM	100	0	17.55	17.54	17.50	17.51	17.51	18.5	0		
20	16QAM	1	0	17.68	17.64	17.51	17.51	17.55				
20	16QAM	1	49	17.66	17.58	17.49	17.51	17.51				
20	16QAM	50	0	17.64	17.57	17.43	17.47	17.62				
20	16QAM	50	24	17.65	17.50	17.43	17.50	17.63	18.5	0		
20	16QAM	50	50	17.61	17.62	17.47	17.44	17.55				
20	16QAM	100	0	17.60	17.51	17.47	17.52	17.52				
Channel												
Frequency (MHz)												
15	QPSK	1	0	17.66	17.52	17.56	17.49	17.60	18.5	0		
15	QPSK	1	37	17.54	17.53	17.53	17.43	17.50				
15	QPSK	1	74	17.61	17.53	17.55	17.56	17.61				
15	QPSK	3	0	17.61	17.53	17.55	17.56	17.61				
15	QPSK	36	20	17.62	17.62	17.53	17.47	17.52	18.5	0		
15	QPSK	36	36	17.61	17.62	17.51	17.51	17.56				
15	QPSK	75	0	17.55	17.60	17.43	17.44	17.62				
15	16QAM	1	0	17.61	17.56	17.51	17.47	17.52				
15	16QAM	1	37	17.52	17.55	17.47	17.46	17.62	18.5	0		
15	16QAM	1	74	17.68	17.62	17.50	17.54	17.62				
15	16QAM	36	0	17.66	17.52	17.47	17.47	17.50				
15	16QAM	36	20	17.62	17.64	17.50	17.43	17.64				
15	16QAM	75	0	17.63	17.63	17.46	17.52	17.62	18.5	0		
15	16QAM	75	0	17.62	17.59	17.49	17.45	17.61				
15	16QAM	1	0	17.65	17.53	17.47	17.51	17.55				
15	16QAM	1	37	17.52	17.55	17.43	17.48	17.52				
15	16QAM	36	0	17.61	17.63	17.52	17.56	17.55	18.5	0		
15	16QAM	36	20	17.56	17.56	17.52	17.52	17.54				
15	16QAM	36	36	17.58	17.56	17.52	17.50	17.60				
15	16QAM	75	0	17.65	17.51	17.47	17.47	17.54				
Channel												
Frequency (MHz)												
10	QPSK	1	0	17.53	17.58	17.45	17.48	17.56	18.5	0		
10	QPSK	1	25	17.56	17.60	17.43	17.54	17.51				
10	QPSK	1	49	17.62	17.59	17.54	17.48	17.61				
10	QPSK	1	74	17.59	17.51	17.53	17.57	17.50				
10	QPSK	25	12	17.53	17.63	17.50	17.48	17.56	18.5	0		
10	QPSK	25	25	17.59	17.59	17.53	17.53	17.63				
10	QPSK	25	49	17.53	17.60	17.51	17.53	17.54				
10	QPSK	25	74	17.63	17.61	17.53	17.50	17.59				
10	16QAM	1	25	17.54	17.58	17.49	17.52	17.50	18.5	0		
10	16QAM	1	49	17.53	17.51	17.49	17.55	17.54				
10	16QAM	25	0	17.59	17.55	17.55	17.53	17.50				
10	16QAM	25	12	17.58	17.58	17.44	17.43	17.50				
10	16QAM	25	25	17.63	17.53	17.53	17.50	17.52	18.5	0		
10	16QAM	50	0	17.61	17.57	17.49	17.55	17.52				
10	16QAM	1	0	17.53	17.55	17.50	17.52	17.55				
10	16QAM	1	25	17.62	17.52	17.45	17.56	17.56				
10	16QAM	1	49	17.56	17.60	17.50	17.43	17.64	18.5	0		
10	16QAM	25	0	17.65	17.64	17.54	17.53	17.54				
10	16QAM	25	12	17.53	17.50	17.45	17.48	17.55				
10	16QAM	25	25	17.59	17.54	17.45	17.44	17.52				
10	16QAM	50	0	17.66	17.61	17.50	17.53	17.60	18.5	0		
Channel												
Frequency (MHz)												
5	QPSK	1	0	17.54	17.60	17.54	17.51	17.56			18.5	0
5	QPSK	1	12	17.63	17.60	17.50	17.50	17.58				
5	QPSK	1	25	17.65	17.60	17.48	17.48	17.56				
5	QPSK	12	0	17.53	17.55	17.48	17.49	17.57				
5	QPSK	12	7	17.63	17.58	17.45	17.56	17.50	18.5	0		
5	QPSK	12	13	17.64	17.60	17.48	17.50	17.63				
5	QPSK	25	0	17.62	17.54	17.44	17.56	17.56				
5	16QAM	1	0	17.62	17.58	17.51	17.52	17.64				
5	16QAM	1	12	17.53	17.55	17.45	17.44	17.58	18.5	0		
5	16QAM	1	24	17.56	17.53	17.50	17.50	17.63				
5	16QAM	12	0	17.60	17.59	17.42	17.47	17.58				
5	16QAM	12	7	17.65	17.61	17.51	17.54	17.54				
5	16QAM	12	13	17.53	17.52	17.43	17.47	17.61	18.5	0		
5	16QAM	25	0	17.64	17.58	17.45	17.54	17.55				
5	16QAM	1	0	17.61	17.56	17.54	17.53	17.63				
5	16QAM	1	12	17.54	17.59	17.48	17.51	17.61				
5	16QAM	1	24	17.53	17.55	17.52	17.57	17.56	18.5	0		
5	16QAM	12	0	17.61	17.60	17.43	17.53	17.57				
5	16QAM	12	7	17.54	17.60	17.54	17.50	17.61				
5	16QAM	12	13	17.56	17.61	17.49	17.43	17.62				
5	16QAM	25	0	17.64	17.54	17.53	17.53	17.64	18.5	0		
5	16QAM	25	12	17.57	17.51	17.46	17.46	17.55				
5	16QAM	25	25	17.64	17.54	17.53	17.53	17.64				
5	16QAM	50	0	17.64	17.54	17.53	17.53	17.64				

Reduced Power Mode for ECI 3

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	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.39	30.40	30.38	31.00	21.38	21.40	21.38	22.00
GPRS 1 Tx slot	30.37	30.38	30.35	31.00	21.37	21.38	21.35	22.00
GPRS 2 Tx slots	27.23	27.25	27.21	28.00	21.23	21.25	21.21	22.00
GPRS 3 Tx slots	25.41	25.43	25.40	26.00	21.15	21.17	21.14	21.74
GPRS 4 Tx slots	24.16	24.18	24.15	25.00	21.16	21.18	21.15	22.00
EDGE(GMSK 1 Tx slot)	30.38	30.37	30.30	31.00	21.38	21.37	21.30	22.00
EDGE(GMSK 2 Tx slot)	27.08	27.15	27.15	28.00	21.08	21.15	21.15	22.00
EDGE(GMSK 3 Tx slot)	25.40	25.35	25.35	26.00	21.14	21.09	21.09	21.74
EDGE(GMSK 4 Tx slot)	24.06	24.08	24.08	25.00	21.06	21.08	21.08	22.00
EDGE(8PSK 1 Tx slot)	26.51	26.52	26.52	27.50	17.51	17.52	17.52	18.50
EDGE(8PSK 2 Tx slot)	25.31	25.39	25.29	26.50	19.31	19.39	19.29	20.50
EDGE(8PSK 3 Tx slot)	23.19	23.30	23.21	24.50	18.93	19.04	18.95	20.24
EDGE(8PSK 4 Tx slot)	22.09	22.20	22.13	23.50	19.09	19.20	19.13	20.50

GSM1900_Ant 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	561	810		512	561	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	25.51	25.55	25.53	26.00	16.51	16.55	16.53	17.00
GPRS 1 Tx slot	25.50	25.52	25.51	26.00	16.50	16.52	16.51	17.00
GPRS 2 Tx slots	22.33	22.36	22.35	23.00	16.33	16.36	16.35	17.00
GPRS 3 Tx slots	20.42	20.47	20.45	21.00	16.16	16.21	16.19	16.74
GPRS 4 Tx slots	19.10	19.13	19.11	20.00	16.10	16.13	16.11	17.00
EDGE(GMSK 1 Tx slot)	25.45	25.43	25.39	26.00	16.45	16.43	16.39	17.00
EDGE(GMSK 2 Tx slot)	22.19	22.23	22.24	23.00	16.19	16.23	16.24	17.00
EDGE(GMSK 3 Tx slot)	20.30	20.43	20.38	21.00	16.04	16.17	16.12	16.74
EDGE(GMSK 4 Tx slot)	19.06	19.09	19.09	20.00	16.06	16.09	16.09	17.00
EDGE(8PSK 1 Tx slot)	24.22	24.22	24.17	25.50	15.22	15.22	15.17	16.50
EDGE(8PSK 2 Tx slot)	21.13	21.05	21.15	22.50	15.13	15.05	15.15	16.50
EDGE(8PSK 3 Tx slot)	18.98	18.95	18.95	20.50	14.72	14.69	14.69	16.24
EDGE(8PSK 4 Tx slot)	17.88	17.73	17.82	19.50	14.88	14.73	14.82	16.50

Band	WCDMA II_Ant 3			Tune-up Limit (dBm)	WCDMA II_Ant 1			Tune-up Limit (dBm)
	9262	9400	9538		9262	9400	9538	
TX Channel	9662	9800	9938		9662	9800	9938	
Rx Channel	1852.4	1880	1907.6		1852.4	1880	1907.6	
Frequency (MHz)	1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99 AMR 12.2Kbps	16.09	17.80	17.58	18.50	15.75	15.55	15.33	16.00
3GPP Rel 99 RMC 12.2Kbps	16.11	17.81	17.60	18.50	15.77	15.58	15.35	16.00
3GPP Rel 6 HSDPA Subtest-1	17.15	16.76	16.47	17.50	14.90	14.54	14.31	15.00
3GPP Rel 6 HSDPA Subtest-2	17.01	16.66	16.52	17.50	14.85	14.44	14.30	15.00
3GPP Rel 6 HSDPA Subtest-3	16.60	16.19	16.16	17.00	14.39	14.11	13.86	14.50
3GPP Rel 6 HSDPA Subtest-4	16.52	16.27	16.12	17.00	14.38	13.95	13.81	14.50
3GPP Rel 6 DC-HSDPA Subtest-1	17.03	16.64	16.55	17.50	14.74	14.40	14.28	15.00
3GPP Rel 6 DC-HSDPA Subtest-2	17.09	16.50	16.58	17.50	14.87	14.43	14.21	15.00
3GPP Rel 6 DC-HSDPA Subtest-3	16.49	16.20	16.14	17.00	14.34	14.00	13.79	14.50
3GPP Rel 6 DC-HSDPA Subtest-4	16.48	16.20	16.00	17.00	14.32	13.95	13.80	14.50
3GPP Rel 6 HSUPA Subtest-1	15.07	14.74	14.58	15.50	12.89	12.54	12.29	13.00
3GPP Rel 6 HSUPA Subtest-2	15.04	14.77	14.49	15.50	12.84	12.50	12.43	13.00
3GPP Rel 6 HSUPA Subtest-3	16.04	15.83	15.58	16.50	13.79	13.56	13.31	14.00
3GPP Rel 6 HSUPA Subtest-4	14.62	14.39	14.00	15.00	12.30	11.99	11.92	12.50
3GPP Rel 6 HSUPA Subtest-5	16.18	15.86	15.45	16.50	13.80	13.53	13.38	14.00
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	14.56	14.56	14.51	16.00	12.28	12.23	12.12	13.50

Band	WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
	4132	4182	4233		4132	4182	4233	
TX Channel	4357	4407	4458		4357	4407	4458	
Rx Channel	826.4	836.4	846.6		826.4	836.4	846.6	
Frequency (MHz)	826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps	21.06	21.10	21.03	22.00	20.80	20.81	20.73	21.50
3GPP Rel 99 RMC 12.2Kbps	21.08	21.11	21.05	22.00	20.82	20.83	20.75	21.50
3GPP Rel 6 HSDPA Subtest-1	19.97	19.97	19.83	21.00	19.64	19.84	19.62	20.50
3GPP Rel 6 HSDPA Subtest-2	19.92	20.03	19.93	21.00	19.76	19.81	19.68	20.50
3GPP Rel 6 HSDPA Subtest-3	19.52	19.45	19.48	20.50	19.20	19.38	19.16	20.00
3GPP Rel 6 HSDPA Subtest-4	19.45	19.50	19.39	20.50	19.15	19.33	19.21	20.00
3GPP Rel 6 DC-HSDPA Subtest-1	19.80	19.91	19.71	21.00	19.69	19.87	19.57	20.50
3GPP Rel 6 DC-HSDPA Subtest-2	19.96	19.90	19.82	21.00	19.71	19.66	19.51	20.50
3GPP Rel 6 DC-HSDPA Subtest-3	19.43	19.51	19.38	20.50	19.20	19.35	19.12	20.00
3GPP Rel 6 DC-HSDPA Subtest-4	19.43	19.44	19.32	20.50	19.13	19.17	19.12	20.00
3GPP Rel 6 HSUPA Subtest-1	18.02	17.94	17.82	19.00	17.74	17.69	17.60	18.50
3GPP Rel 6 HSUPA Subtest-2	17.84	17.97	17.80	19.00	17.77	17.74	17.62	18.50
3GPP Rel 6 HSUPA Subtest-3	18.88	19.00	18.89	20.00	18.72	18.71	18.61	19.50
3GPP Rel 6 HSUPA Subtest-4	17.46	17.49	17.42	18.50	17.16	17.32	17.20	18.00
3GPP Rel 6 HSUPA Subtest-5	18.96	18.97	18.98	20.00	18.73	18.84	18.57	19.50
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	17.81	17.76	17.78	19.50	17.40	17.47	17.50	19.00

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	29.74	29.77	29.75	30.50	20.74	20.77	20.75	21.50
GPRS 1 Tx slot	29.73	29.75	29.73	30.50	20.73	20.75	20.73	21.50
GPRS 2 Tx slots	26.92	26.95	26.93	28.00	20.92	20.95	20.93	22.00
GPRS 3 Tx slots	24.92	24.97	24.96	26.00	20.66	20.71	20.69	21.74
GPRS 4 Tx slots	23.72	23.78	23.76	25.00	20.72	20.78	20.76	22.00
EDGE(GMSK 1 Tx slot)	29.60	29.68	29.63	30.50	20.60	20.68	20.63	21.50
EDGE(GMSK 2 Tx slot)	26.82	26.83	26.80	28.00	20.82	20.83	20.80	22.00
EDGE(GMSK 3 Tx slot)	24.84	24.94	24.80	26.00	20.58	20.68	20.54	21.74
EDGE(GMSK 4 Tx slot)	23.61	23.71	23.63	25.00	20.61	20.71	20.63	22.00
EDGE(8PSK 1 Tx slot)	25.75	25.78	25.70	27.00	16.75	16.78	16.70	18.00
EDGE(8PSK 2 Tx slot)	24.71	24.72	24.61	26.00	18.71	18.72	18.61	20.00
EDGE(8PSK 3 Tx slot)	22.64	22.59	22.49	24.00	18.38	18.33	18.23	19.74
EDGE(8PSK 4 Tx slot)	21.40	21.58	21.38	23.00	18.40	18.58	18.38	20.00

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	561	810		512	561	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	23.36	23.40	23.38	23.50	14.36	14.40	14.38	14.50
GPRS 1 Tx slot	23.35	23.38	23.37	23.50	14.35	14.38	14.37	14.50
GPRS 2 Tx slots	20.01	20.03	20.02	20.50	14.01	14.03	14.02	14.50
GPRS 3 Tx slots	18.05	18.08	18.06	18.50	13.79	13.82	13.80	14.24
GPRS 4 Tx slots	16.73	16.77	16.75	17.80	13.73	13.77	13.75	14.80
EDGE(GMSK 1 Tx slot)	23.33	23.27	23.31	23.50	14.33	14.27	14.31	14.50
EDGE(GMSK 2 Tx slot)	19.90	19.93	20.00	20.50	13.90	13.93	14.00	14.50
EDGE(GMSK 3 Tx slot)	17.98	17.97	17.95	18.50	13.72	13.71	13.69	14.24
EDGE(GMSK 4 Tx slot)	16.69	16.62	16.63	17.50	13.69	13.62	13.63	14.50
EDGE(8PSK 1 Tx slot)	21.98	22.00	21.95	23.00	12.98	13.00	12.95	14.00
EDGE(8PSK 2 Tx slot)	19.99	19.02	19.01	20.00	12.99	13.02	13.01	14.00
EDGE(8PSK 3 Tx slot)	16.92	16.99	16.95	18.00	12.66	12.73	12.69	13.74
EDGE(8PSK 4 Tx slot)	15.39	15.41	15.39	17.00	12.39	12.41	12.39	14.00

Band	WCDMA IV_Ant 3			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)	
	1312	1413	1513		1312	1413	1513		
TX Channel	1312	1413	1513		1312	1413	1513		
Rx Channel	1537	1638	1738		1537	1638	1738		
Frequency (MHz)	1712.4	1732.6	1752.6		1712.4	1732.6	1752.6		
3GPP Rel 99	AMR 12.2Kbps	17.35	17.38	17.43	18.50	16.73	16.80	16.98	18.00
3GPP Rel 99	RMC 12.2Kbps	17.37	17.40	17.45	18.50	16.75	16.81	17.00	18.00
3GPP Rel 6	HSDPA Subtest-1	16.16	16.42	16.50	17.50	15.98	16.16	16.37	17.00
3GPP Rel 6	HSDPA Subtest-2	16.19	16.55	16.65	17.50	16.00	16.19	16.41	17.00
3GPP Rel 6	HSDPA Subtest-3	15.76	15.91	16.18	17.00	15.51	15.66	15.79	16.50
3GPP Rel 6	HSDPA Subtest-4	15.62	16.00	16.15	17.00	15.42	15.69	15.84	16.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.23	16.50	16.61	17.50	15.95	16.00	16.29	17.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.07	16.52	16.51	17.50	15.90	16.12	16.32	17.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.65	16.00	16.03	17.00	15.46	15.47	15.82	16.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.56	15.87	16.04	17.00	15.37	15.50	15.84	16.50
3GPP Rel 6	HSUPA Subtest-1	14.19	14.43	14.62	15.50	13.94	14.11	14.30	15.00
3GPP Rel 6	HSUPA Subtest-2	14.19	14.45	14.61	15.50	13.96	14.08	14.31	15.00
3GPP Rel 6	HSUPA Subtest-3	15.26	15.50	15.55	16.50	14.95	15.13	15.36	16.00
3GPP Rel 6	HSUPA Subtest-4	13.66	13.96	13.99	15.00	13.52	13.54	13.88	14.50
3GPP Rel 6	HSUPA Subtest-5	15.29	15.54	15.55	16.50	15.06	15.05	15.34	16.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.21	14.32	14.18	16.00	14.21	14.19	14.20	15.50

Band 2_Ant 3										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	18.45	18.52	18.31	19.2	0		
20	QPSK	1	49	18.41	18.36	18.23				
20	QPSK	1	99	18.38	18.47	18.18				
20	QPSK	50	0	18.43	18.50	18.30	19.2	0		
20	QPSK	50	24	18.38	18.36	18.17				
20	QPSK	50	50	18.30	18.35	18.15				
20	QPSK	100	0	18.41	18.48	18.28	19.2	0		
20	16QAM	1	0	18.31	18.38	18.18				
20	16QAM	1	49	18.30	18.44	18.22				
20	16QAM	1	99	18.28	18.42	18.28	19.2	0		
20	16QAM	50	0	18.35	18.45	18.17				
20	16QAM	50	24	18.29	18.42	18.23				
20	16QAM	50	50	18.34	18.39	18.22	19.2	0		
20	16QAM	100	0	18.38	18.38	18.19				
20	64QAM	1	0	18.39	18.38	18.22				
20	64QAM	1	49	18.39	18.35	18.24	19.2	0		
20	64QAM	1	99	18.40	18.36	18.21				
20	64QAM	50	0	18.41	18.36	18.24				
20	64QAM	50	24	18.40	18.36	18.26	19.2	0		
20	64QAM	50	50	18.40	18.48	18.21				
20	64QAM	100	0	18.33	18.49	18.26				
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	1880	1902.5				
15	QPSK	1	0	18.41	18.47	18.22	19.2	0		
15	QPSK	1	37	18.31	18.44	18.28				
15	QPSK	1	74	18.41	18.44	18.25				
15	QPSK	36	0	18.34	18.38	18.16	19.2	0		
15	QPSK	36	20	18.41	18.39	18.29				
15	QPSK	36	39	18.30	18.44	18.24				
15	QPSK	75	0	18.40	18.40	18.23	19.2	0		
15	16QAM	1	0	18.42	18.36	18.27				
15	16QAM	1	37	18.35	18.42	18.26				
15	16QAM	1	74	18.34	18.39	18.16	19.2	0		
15	16QAM	36	0	18.38	18.49	18.26				
15	16QAM	36	20	18.39	18.35	18.29				
15	16QAM	36	39	18.31	18.40	18.29	19.2	0		
15	16QAM	75	0	18.36	18.36	18.17				
15	64QAM	1	0	18.39	18.37	18.15				
15	64QAM	1	37	18.29	18.35	18.18	19.2	0		
15	64QAM	1	74	18.37	18.49	18.28				
15	64QAM	36	0	18.35	18.44	18.29				
15	64QAM	36	20	18.40	18.37	18.16	19.2	0		
15	64QAM	36	39	18.35	18.42	18.20				
15	64QAM	75	0	18.36	18.48	18.24				
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	0	18.30	18.38	18.15	19.2	0		
10	QPSK	1	25	18.30	18.35	18.26				
10	QPSK	1	49	18.33	18.43	18.18				
10	QPSK	25	0	18.42	18.48	18.19	19.2	0		
10	QPSK	25	12	18.38	18.47	18.19				
10	QPSK	25	25	18.33	18.41	18.19				
10	QPSK	50	0	18.40	18.48	18.25	19.2	0		
10	16QAM	1	0	18.32	18.46	18.26				
10	16QAM	1	25	18.38	18.37	18.20				
10	16QAM	1	49	18.42	18.44	18.20	19.2	0		
10	16QAM	25	0	18.29	18.43	18.18				
10	16QAM	25	12	18.28	18.38	18.21				
10	16QAM	25	25	18.40	18.47	18.17	19.2	0		
10	16QAM	50	0	18.34	18.37	18.22				
10	64QAM	1	0	18.29	18.42	18.17				
10	64QAM	1	25	18.30	18.36	18.22	19.2	0		
10	64QAM	1	49	18.38	18.42	18.18				
10	64QAM	25	0	18.30	18.35	18.25				
10	64QAM	25	12	18.38	18.42	18.28	19.2	0		
10	64QAM	25	25	18.35	18.46	18.17				
10	64QAM	50	0	18.41	18.39	18.27				
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18515	1880	19017.5				
5	QPSK	1	0	18.29	18.39	18.22	19.2	0		
5	QPSK	1	12	18.41	18.40	18.15				
5	QPSK	1	24	18.38	18.38	18.25				
5	QPSK	12	0	18.35	18.38	18.29	19.2	0		
5	QPSK	12	7	18.32	18.45	18.26				
5	QPSK	12	13	18.40	18.48	18.22				
5	QPSK	25	0	18.37	18.39	18.24	19.2	0		
5	16QAM	1	0	18.37	18.36	18.19				
5	16QAM	1	12	18.37	18.48	18.26				
5	16QAM	1	24	18.30	18.44	18.20	19.2	0		
5	16QAM	12	0	18.33	18.46	18.26				
5	16QAM	12	7	18.37	18.39	18.15				
5	16QAM	12	13	18.40	18.39	18.23	19.2	0		
5	16QAM	25	0	18.35	18.36	18.26				
5	64QAM	1	0	18.33	18.42	18.24				
5	64QAM	1	12	18.29	18.47	18.15	19.2	0		
5	64QAM	1	24	18.41	18.47	18.26				
5	64QAM	12	0	18.38	18.48	18.19				
5	64QAM	12	7	18.34	18.37	18.23	19.2	0		
5	64QAM	12	13	18.29	18.45	18.27				
5	64QAM	25	0	18.31	18.43	18.29				
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18515	1880	1908.5				
3	QPSK	1	0	18.37	18.45	18.17	19.2	0		
3	QPSK	1	8	18.29	18.39	18.28				
3	QPSK	1	14	18.31	18.46	18.24				
3	QPSK	8	0	18.40	18.49	18.18	19.2	0		
3	QPSK	8	4	18.36	18.48	18.20				
3	QPSK	8	7	18.38	18.45	18.18				
3	QPSK	15	0	18.39	18.44	18.25	19.2	0		
3	16QAM	1	0	18.38	18.40	18.22				
3	16QAM	1	8	18.29	18.43	18.23				
3	16QAM	1	14	18.33	18.41	18.20	19.2	0		
3	16QAM	8	0	18.37	18.42	18.25				
3	16QAM	8	4	18.28	18.37	18.29				
3	16QAM	8	7	18.37	18.45	18.19	19.2	0		
3	16QAM	15	0	18.42	18.36	18.17				
3	64QAM	1	0	18.36	18.48	18.23				
3	64QAM	1	8	18.38	18.35	18.28	19.2	0		
3	64QAM	1	14	18.29	18.45	18.17				
3	64QAM	8	0	18.35	18.39	18.23				
3	64QAM	8	4	18.39	18.41	18.23	19.2	0		
3	64QAM	8	7	18.31	18.48	18.18				
3	64QAM	15	0	18.28	18.45	18.29				
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	1880	1909.3				
1.4	QPSK	1	0	18.34	18.41	18.21	19.2	0		
1.4	QPSK	1	3	18.35	18.44	18.19				
1.4	QPSK	1	5	18.41	18.42	18.15				
1.4	QPSK	3	0	18.36	18.35	18.21	19.2	0		
1.4	QPSK	3	1	18.42	18.39	18.29				
1.4	QPSK	3	3	18.41	18.41	18.25				
1.4	QPSK	6	0	18.40	18.42	18.17	19.2	0		
1.4	16QAM	1	0	18.31	18.35	18.23				
1.4	16QAM	1	3	18.31	18.43	18.18				
1.4	16QAM	1	5	18.38	18.43	18.22	19.2	0		
1.4	16QAM	3	0	18.37	18.40	18.20				
1.4	16QAM	3	1	18.29	18.49	18.25				
1.4	16QAM	3	3	18.38	18.38	18.27	19.2	0		
1.4	16QAM	6	0	18.32	18.40	18.17				
1.4	16QAM	6	1	18.32	18.40	18.21				
1.4	64QAM	1	3	18.40	18.39	18.26	19.2	0		
1.4	64QAM	1	5	18.32	18.35	18.23				
1.4	64QAM	3	0	18.37	18.49	18.16				
1.4	64QAM	3	1	18.39	18.39	18.20	19.2	0		
1.4	64QAM	3	3	18.28	18.39	18.22				
1.4	64QAM	6	0	18.33	18.40	18.18				

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	17.60	17.68	17.66	18.8	0		
20	QPSK	1	49	17.47	17.54	17.55				
20	QPSK	1	99	17.57	17.64	17.60				
20	QPSK	50	0	17.56	17.67	17.65	18.8	0		
20	QPSK	50	24	17.51	17.63	17.64				
20	QPSK	50	50	17.56	17.53	17.56				
20	QPSK	100	0	17.56	17.65	17.63	18.8	0		
20	16QAM	1	0	17.52	17.60	17.53				
20	16QAM	1	49	17.44	17.66	17.55				
20	16QAM	1	99	17.53	17.56	17.57	18.8	0		
20	16QAM	50	0	17.47	17.63	17.51				
20	16QAM	50	24	17.45	17.62	17.53				
20	16QAM	50	50	17.57	17.53	17.60	18.8	0		
20	16QAM	100	0	17.47	17.52	17.64				
20	64QAM	1	0	17.56	17.61	17.61				
20	64QAM	1	49	17.54	17.58	17.64	18.8	0		
20	64QAM	1	99	17.49	17.53	17.52				
20	64QAM	50	0	17.54	17.60	17.54				
20	64QAM	50	24	17.53	17.63	17.52	18.8	0		
20	64QAM	50	50	17.54	17.52	17.50				
20	64QAM	100	0	17.52	17.54	17.62				
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1732.5	1747.5				
15	QPSK	1	0	17.55	17.63	17.61	18.8	0		
15	QPSK	1	37	17.56	17.65	17.52				
15	QPSK	1	74	17.46	17.60	17.63				
15	QPSK	36	0	17.50	17.65	17.61	18.8	0		
15	QPSK	36	20	17.50	17.62	17.61				
15	QPSK	36	39	17.56	17.63	17.54				
15	QPSK	75	0	17.47	17.66	17.58	18.8	0		
15	16QAM	1	0	17.53	17.62	17.57				
15	16QAM	1	37	17.52	17.62	17.54				
15	16QAM	1	74	17.51	17.64	17.62	18.8	0		
15	16QAM	36	0	17.55	17.66	17.53				
15	16QAM	36	20	17.56	17.56	17.56				
15	16QAM	36	39	17.50	17.53	17.57	18.8	0		
15	16QAM	75	0	17.47	17.53	17.58				
15	64QAM	1	0	17.50	17.57	17.54				
15	64QAM	1	37	17.55	17.54	17.53	18.8	0		
15	64QAM	1	74	17.56	17.58	17.61				
15	64QAM	36	0	17.56	17.55	17.62				
15	64QAM	36	20	17.53	17.66	17.53	18.8	0		
15	64QAM	36	39	17.44	17.62	17.63				
15	64QAM	75	0	17.47	17.61	17.64				
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1732.5	1750				
10	QPSK	1	0	17.44	17.62	17.57	18.8	0		
10	QPSK	1	25	17.49	17.61	17.57				
10	QPSK	1	49	17.57	17.58	17.51				
10	QPSK	25	0	17.52	17.60	17.54	18.8	0		
10	QPSK	25	12	17.44	17.66	17.64				
10	QPSK	25	25	17.43	17.61	17.55				
10	QPSK	50	0	17.53	17.54	17.56	18.8	0		
10	16QAM	1	0	17.50	17.57	17.58				
10	16QAM	1	25	17.47	17.58	17.54				
10	16QAM	1	49	17.52	17.66	17.61	18.8	0		
10	16QAM	25	0	17.55	17.56	17.50				
10	16QAM	25	12	17.55	17.65	17.52				
10	16QAM	25	25	17.52	17.62	17.59	18.8	0		
10	16QAM	50	0	17.51	17.60	17.54				
10	64QAM	1	0	17.54	17.52	17.61				
10	64QAM	1	25	17.43	17.58	17.54	18.8	0		
10	64QAM	1	49	17.47	17.63	17.51				
10	64QAM	25	0	17.57	17.65	17.63				
10	64QAM	25	12	17.49	17.63	17.53	18.8	0		
10	64QAM	25	25	17.47	17.63	17.61				
10	64QAM	50	0	17.45	17.61	17.62				
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1732.5	1752.5				
5	QPSK	1	0	17.56	17.60	17.56	18.8	0		
5	QPSK	1	12	17.57	17.65	17.53				
5	QPSK	1	24	17.49	17.61	17.55				
5	QPSK	12	0	17.43	17.54	17.59	18.8	0		
5	QPSK	12	7	17.57	17.64	17.50				
5	QPSK	12	13	17.43	17.65	17.63				
5	QPSK	25	0	17.57	17.56	17.56	18.8	0		
5	16QAM	1	0	17.47	17.64	17.62				
5	16QAM	1	12	17.45	17.55	17.60				
5	16QAM	1	24	17.52	17.61	17.60	18.8	0		
5	16QAM	12	0	17.44	17.53	17.55				
5	16QAM	12	7	17.43	17.57	17.59				
5	16QAM	12	13	17.45	17.59	17.54	18.8	0		
5	16QAM	25	0	17.51	17.64	17.59				
5	64QAM	1	0	17.47	17.57	17.59				
5	64QAM	1	12	17.51	17.54	17.59	18.8	0		
5	64QAM	1	24	17.47	17.59	17.50				
5	64QAM	12	0	17.46	17.61	17.59				
5	64QAM	12	7	17.50	17.64	17.52	18.8	0		
5	64QAM	12	13	17.45	17.56	17.56				
5	64QAM	25	0	17.44	17.52	17.64				
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1732.5	1753.5				
3	QPSK	1	0	17.50	17.60	17.58	18.8	0		
3	QPSK	1	8	17.43	17.57	17.61				
3	QPSK	1	14	17.49	17.58	17.54				
3	QPSK	8	0	17.55	17.65	17.51	18.8	0		
3	QPSK	8	4	17.50	17.53	17.57				
3	QPSK	8	7	17.50	17.56	17.55				
3	QPSK	15	0	17.54	17.56	17.50	18.8	0		
3	16QAM	1	0	17.47	17.62	17.58				
3	16QAM	1	8	17.57	17.59	17.53				
3	16QAM	1	14	17.43	17.60	17.52	18.8	0		
3	16QAM	8	0	17.52	17.60	17.60				
3	16QAM	8	4	17.51	17.56	17.62				
3	16QAM	8	7	17.54	17.61	17.50	18.8	0		
3	16QAM	15	0	17.57	17.58	17.59				
3	64QAM	1	0	17.49	17.52	17.59				
3	64QAM	1	8	17.45	17.56	17.56	18.8	0		
3	64QAM	1	14	17.46	17.53	17.55				
3	64QAM	8	0	17.53	17.56	17.63				
3	64QAM	8	4	17.55	17.58	17.54	18.8	0		
3	64QAM	8	7	17.55	17.61	17.64				
3	64QAM	15	0	17.49	17.53	17.56				
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1732.5	1754.3				
1.4	QPSK	1	0	17.57	17.59	17.57	18.8	0		
1.4	QPSK	1	3	17.43	17.62	17.63				
1.4	QPSK	1	5	17.53	17.62	17.61				
1.4	QPSK	3	0	17.45	17.62	17.61	18.8	0		
1.4	QPSK	3	1	17.48	17.56	17.57				
1.4	QPSK	3	3	17.54	17.55	17.55				
1.4	QPSK	6	0	17.50	17.52	17.60	18.8	0		
1.4	16QAM	1	0	17.45	17.66	17.61				
1.4	16QAM	1	3	17.44	17.66	17.53				
1.4	16QAM	1	5	17.52	17.56	17.51	18.8	0		
1.4	16QAM	3	0	17.57	17.54	17.59				
1.4	16QAM	3	1	17.53	17.54	17.57				
1.4	16QAM	3	3	17.52	17.51	17.51	18.8	0		
1.4	16QAM	6	0	17.49	17.61	17.61				
1.4	64QAM	1	0	17.43	17.63	17.62				
1.4	64QAM	1	3	17.57	17.59	17.51	18.8	0		
1.4	64QAM	1	5	17.44	17.60	17.51				
1.4	64QAM	3	0	17.49	17.58	17.60				
1.4	64QAM	3	1	17.47	17.54	17.55	18.8	0		
1.4	64QAM	3	3	17.54	17.52	17.53				
1.4	64QAM	6	0	17.51	17.52	17.53				

Band 5_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	20.93	20.95	20.91	22	0		
10	QPSK	1	25	20.82	20.86	20.85				
10	QPSK	1	49	20.88	20.79	20.84				
10	QPSK	25	0	20.91	20.93	20.90	22	0		
10	QPSK	25	12	20.89	20.91	20.87				
10	QPSK	25	25	20.83	20.80	20.79				
10	QPSK	50	0	20.90	20.92	20.88	22	0		
10	16QAM	1	0	20.80	20.85	20.87				
10	16QAM	1	25	20.79	20.80	20.80				
10	16QAM	1	49	20.80	20.87	20.76	22	0		
10	16QAM	25	0	20.77	20.80	20.77				
10	16QAM	25	12	20.79	20.89	20.80				
10	16QAM	25	25	20.82	20.81	20.75	22	0		
10	16QAM	50	0	20.83	20.80	20.89				
10	64QAM	1	0	20.86	20.83	20.77				
10	64QAM	1	25	20.81	20.88	20.80	22	0		
10	64QAM	1	49	20.80	20.86	20.76				
10	64QAM	25	0	20.76	20.84	20.87				
10	64QAM	25	12	20.84	20.83	20.85	22	0		
10	64QAM	25	25	20.81	20.81	20.75				
10	64QAM	50	0	20.80	20.79	20.76				
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	20.78	20.84	20.88	22	0		
5	QPSK	1	12	20.87	20.89	20.81				
5	QPSK	1	24	20.80	20.89	20.80				
5	QPSK	12	0	20.84	20.87	20.86	22	0		
5	QPSK	12	7	20.88	20.78	20.81				
5	QPSK	12	13	20.90	20.87	20.88				
5	QPSK	25	0	20.85	20.81	20.87	22	0		
5	16QAM	1	0	20.83	20.89	20.79				
5	16QAM	1	12	20.90	20.82	20.76				
5	16QAM	1	24	20.77	20.84	20.89	22	0		
5	16QAM	12	0	20.87	20.87	20.80				
5	16QAM	12	7	20.87	20.81	20.87				
5	16QAM	12	13	20.89	20.84	20.81	22	0		
5	16QAM	25	0	20.90	20.90	20.84				
5	64QAM	1	0	20.85	20.87	20.81				
5	64QAM	1	12	20.82	20.92	20.89	22	0		
5	64QAM	1	24	20.82	20.82	20.89				
5	64QAM	12	0	20.87	20.81	20.82				
5	64QAM	12	7	20.81	20.89	20.82	22	0		
5	64QAM	12	13	20.88	20.85	20.86				
5	64QAM	25	0	20.80	20.84	20.82				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	20.83	20.78	20.78	22	0		
3	QPSK	1	8	20.83	20.89	20.83				
3	QPSK	1	14	20.81	20.87	20.78				
3	QPSK	8	0	20.89	20.89	20.79	22	0		
3	QPSK	8	4	20.76	20.89	20.89				
3	QPSK	8	7	20.79	20.84	20.82				
3	QPSK	15	0	20.87	20.90	20.75	22	0		
3	16QAM	1	0	20.80	20.79	20.79				
3	16QAM	1	8	20.90	20.89	20.78				
3	16QAM	1	14	20.79	20.85	20.88	22	0		
3	16QAM	8	0	20.82	20.87	20.85				
3	16QAM	8	4	20.88	20.85	20.83				
3	16QAM	8	7	20.79	20.81	20.76	22	0		
3	16QAM	15	0	20.89	20.85	20.75				
3	64QAM	1	0	20.86	20.85	20.88				
3	64QAM	1	8	20.78	20.91	20.89	22	0		
3	64QAM	1	14	20.85	20.83	20.79				
3	64QAM	8	0	20.89	20.78	20.83				
3	64QAM	8	4	20.76	20.85	20.86	22	0		
3	64QAM	8	7	20.85	20.86	20.87				
3	64QAM	15	0	20.79	20.87	20.75				
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	20.90	20.91	20.76	22	0		
1.4	QPSK	1	3	20.76	20.86	20.89				
1.4	QPSK	1	5	20.77	20.84	20.83				
1.4	QPSK	3	0	20.82	20.79	20.78	22	0		
1.4	QPSK	3	1	20.87	20.91	20.86				
1.4	QPSK	3	3	20.90	20.88	20.88				
1.4	QPSK	6	0	20.89	20.89	20.80	22	0		
1.4	16QAM	1	0	20.78	20.87	20.83				
1.4	16QAM	1	3	20.85	20.79	20.76				
1.4	16QAM	1	5	20.79	20.83	20.89	22	0		
1.4	16QAM	3	0	20.81	20.89	20.76				
1.4	16QAM	3	1	20.76	20.89	20.82				
1.4	16QAM	3	3	20.76	20.92	20.88	22	0		
1.4	16QAM	6	0	20.83	20.83	20.77				
1.4	64QAM	1	0	20.87	20.80	20.87				
1.4	64QAM	1	3	20.77	20.84	20.83	22	0		
1.4	64QAM	1	5	20.89	20.83	20.81				
1.4	64QAM	3	0	20.87	20.81	20.77				
1.4	64QAM	3	1	20.85	20.91	20.81	22	0		
1.4	64QAM	3	3	20.88	20.91	20.81				
1.4	64QAM	6	0	20.89	20.87	20.89				

Band 5_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	20.46	20.50	20.48	21.2	0		
10	QPSK	1	25	20.35	20.40	20.41				
10	QPSK	1	49	20.32	20.38	20.31				
10	QPSK	25	0	20.45	20.48	20.46	21.2	0		
10	QPSK	25	12	20.42	20.45	20.44				
10	QPSK	25	25	20.30	20.45	20.43				
10	QPSK	50	0	20.43	20.46	20.45	21.2	0		
10	16QAM	1	0	20.37	20.47	20.33				
10	16QAM	1	25	20.44	20.39	20.36				
10	16QAM	1	49	20.40	20.44	20.41	21.2	0		
10	16QAM	25	0	20.34	20.36	20.38				
10	16QAM	25	12	20.33	20.36	20.43				
10	16QAM	25	25	20.39	20.40	20.37	21.2	0		
10	16QAM	50	0	20.37	20.46	20.36				
10	64QAM	1	0	20.37	20.38	20.41				
10	64QAM	1	25	20.35	20.44	20.34	21.2	0		
10	64QAM	1	49	20.40		20.45				
10	64QAM	25	0	20.33	20.33	20.42				
10	64QAM	25	12	20.36	20.41	20.33	21.2	0		
10	64QAM	25	25	20.37	20.37	20.42				
10	64QAM	50	0	20.39	20.35	20.31				
Channel				20425	20525	20625	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	20.38	20.39	20.31	21.2	0		
5	QPSK	1	12	20.42	20.41	20.37				
5	QPSK	1	24	20.38	20.42	20.34				
5	QPSK	12	0	20.30	20.41	20.39	21.2	0		
5	QPSK	12	7	20.33	20.40	20.37				
5	QPSK	12	13	20.33	20.37	20.36				
5	QPSK	25	0	20.38	20.33	20.42	21.2	0		
5	16QAM	1	0	20.31	20.43	20.34				
5	16QAM	1	12	20.38	20.45	20.39				
5	16QAM	1	24	20.38	20.39	20.38	21.2	0		
5	16QAM	12	0	20.41	20.36	20.39				
5	16QAM	12	7	20.36	20.43	20.45				
5	16QAM	12	13	20.34	20.42	20.37	21.2	0		
5	16QAM	25	0	20.42	20.30	20.37				
5	64QAM	1	0	20.44	20.38	20.39				
5	64QAM	1	12	20.43	20.39	20.45	21.2	0		
5	64QAM	1	24	20.42	20.35	20.36				
5	64QAM	12	0	20.42	20.44	20.43				
5	64QAM	12	7	20.30	20.39	20.33	21.2	0		
5	64QAM	12	13	20.30	20.44	20.38				
5	64QAM	25	0	20.36	20.39	20.39				
Channel				20415	20525	20635	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	20.39	20.37	20.34	21.2	0		
3	QPSK	1	8	20.39	20.37	20.41				
3	QPSK	1	14	20.35	20.40	20.45				
3	QPSK	8	0	20.41	20.46	20.45	21.2	0		
3	QPSK	8	4	20.41	20.37	20.34				
3	QPSK	8	7	20.32	20.41	20.44				
3	QPSK	15	0	20.32	20.34	20.36	21.2	0		
3	16QAM	1	0	20.40	20.35	20.38				
3	16QAM	1	8	20.44	20.39	20.32				
3	16QAM	1	14	20.41	20.41	20.34	21.2	0		
3	16QAM	8	0	20.42	20.42	20.44				
3	16QAM	8	4	20.32	20.41	20.37				
3	16QAM	8	7	20.37	20.37	20.38	21.2	0		
3	16QAM	15	0	20.41	20.40	20.44				
3	64QAM	1	0	20.31	20.39	20.31				
3	64QAM	1	8	20.42	20.40	20.31	21.2	0		
3	64QAM	1	14	20.30	20.40	20.40				
3	64QAM	8	0	20.43	20.43	20.40				
3	64QAM	8	4	20.35	20.41	20.38	21.2	0		
3	64QAM	8	7	20.41	20.39	20.36				
3	64QAM	15	0	20.43	20.46	20.36				
Channel				20407	20525	20643	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	20.43	20.43	20.32	21.2	0		
1.4	QPSK	1	3	20.40	20.41	20.31				
1.4	QPSK	1	5	20.39	20.38	20.39				
1.4	QPSK	3	0	20.41	20.36	20.42	21.2	0		
1.4	QPSK	3	1	20.42	20.34	20.44				
1.4	QPSK	3	3	20.41	20.40	20.32				
1.4	QPSK	6	0	20.36	20.45	20.32	21.2	0		
1.4	16QAM	1	0	20.38	20.45	20.45				
1.4	16QAM	1	3	20.43	20.33	20.42				
1.4	16QAM	1	5	20.30	20.46	20.35	21.2	0		
1.4	16QAM	3	0	20.43	20.38	20.41				
1.4	16QAM	3	1	20.31	20.33	20.42				
1.4	16QAM	3	3	20.40	20.42	20.43	21.2	0		
1.4	16QAM	6	0	20.37	20.34	20.43				
1.4	64QAM	1	0	20.42	20.45	20.36				
1.4	64QAM	1	3	20.31	20.45	20.38	21.2	0		
1.4	64QAM	1	5	20.39	20.42	20.42				
1.4	64QAM	3	0	20.31	20.47	20.40				
1.4	64QAM	3	1	20.41	20.46	20.38	21.2	0		
1.4	64QAM	3	3	20.34	20.38	20.39				
1.4	64QAM	6	0	20.42	20.36	20.34				

Band 7_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350	16.7	0		
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	15.76	15.90	15.85	16.7	0		
20	QPSK	1	49	15.64	15.78	15.74				
20	QPSK	1	99	15.62	15.87	15.72	16.7	0		
20	QPSK	50	0	15.75	15.88	15.86				
20	QPSK	50	24	15.62	15.79	15.76	16.7	0		
20	QPSK	50	50	15.70	15.87	15.80				
20	QPSK	100	0	15.73	15.86	15.85	16.7	0		
20	16QAM	1	0	15.72	15.80	15.85				
20	16QAM	1	49	15.62	15.83	15.79	16.7	0		
20	16QAM	1	99	15.65	15.79	15.73				
20	16QAM	50	0	15.74	15.87	15.82	16.7	0		
20	16QAM	50	24	15.61	15.76	15.85				
20	16QAM	50	50	15.62	15.82	15.72	16.7	0		
20	16QAM	100	0	15.65	15.83	15.85				
20	64QAM	1	0	15.66	15.74	15.84	16.7	0		
20	64QAM	1	49	15.66	15.75	15.71				
20	64QAM	1	99	15.60	15.84	15.84	16.7	0		
20	64QAM	50	0	15.61	15.81	15.83				
20	64QAM	50	24	15.62	15.73	15.71	16.7	0		
20	64QAM	50	50	15.61	15.80	15.78				
20	64QAM	100	0	15.69	15.75	15.81	Tune-up limit (dBm)		MPR (dB)	
Channel				20925	21100	21375				
Frequency (MHz)				2507.5	2535	2562.5	16.7	0		
15	QPSK	1	0	15.65	15.86	15.71				0
15	QPSK	1	37	15.69	15.84	15.84	16.7			
15	QPSK	1	74	15.67	15.87	15.74	16.7	0		
15	QPSK	36	0	15.71	15.77	15.84				
15	QPSK	36	20	15.65	15.77	15.81	16.7	0		
15	QPSK	36	39	15.66	15.76	15.71				
15	QPSK	75	0	15.66	15.78	15.71	16.7	0		
15	16QAM	1	0	15.74	15.79	15.72				
15	16QAM	1	37	15.67	15.75	15.84	16.7	0		
15	16QAM	1	74	15.70	15.75	15.83				
15	16QAM	36	0	15.61	15.80	15.80	16.7	0		
15	16QAM	36	20	15.72	15.80	15.84				
15	16QAM	36	39	15.70	15.73	15.78	16.7	0		
15	16QAM	75	0	15.69	15.74	15.72				
15	64QAM	1	0	15.72	15.87	15.83	16.7	0		
15	64QAM	1	37	15.73	15.80	15.79				
15	64QAM	1	74	15.60	15.86	15.75	16.7	0		
15	64QAM	36	0	15.65	15.86	15.78				
15	64QAM	36	20	15.67	15.87	15.78	16.7	0		
15	64QAM	36	39	15.73	15.80	15.84				
15	64QAM	75	0	15.63	15.84	15.73	Tune-up limit (dBm)		MPR (dB)	
Channel				20800	21100	21400				
Frequency (MHz)				2505	2535	2565	16.7	0		
10	QPSK	1	0	15.72	15.80	15.76				0
10	QPSK	1	25	15.60	15.79	15.82	16.7			
10	QPSK	1	49	15.70	15.80	15.71	16.7	0		
10	QPSK	25	0	15.64	15.81	15.79				
10	QPSK	25	12	15.64	15.86	15.76	16.7	0		
10	QPSK	25	25	15.69	15.81	15.85				
10	QPSK	50	0	15.68	15.77	15.72	16.7	0		
10	16QAM	1	0	15.70	15.81	15.72				
10	16QAM	1	25	15.71	15.85	15.85	16.7	0		
10	16QAM	1	49	15.68	15.77	15.76				
10	16QAM	25	0	15.74	15.84	15.77	16.7	0		
10	16QAM	25	12	15.63	15.76	15.78				
10	16QAM	25	25	15.71	15.76	15.85	16.7	0		
10	16QAM	50	0	15.60	15.85	15.84				
10	64QAM	1	0	15.70	15.86	15.85	16.7	0		
10	64QAM	1	25	15.72	15.84	15.83				
10	64QAM	1	49	15.62	15.75	15.81	16.7	0		
10	64QAM	25	0	15.71	15.76	15.80				
10	64QAM	25	12	15.64	15.73	15.72	16.7	0		
10	64QAM	25	25	15.67	15.75	15.76				
10	64QAM	50	0	15.61	15.83	15.77	Tune-up limit (dBm)		MPR (dB)	
Channel				20775	21100	21425				
Frequency (MHz)				2502.5	2535	2567.5	16.7	0		
5	QPSK	1	0	15.60	15.85	15.83				0
5	QPSK	1	12	15.74	15.78	15.71	16.7			
5	QPSK	1	24	15.62	15.74	15.75	16.7	0		
5	QPSK	12	0	15.74	15.77	15.77				
5	QPSK	12	7	15.63	15.81	15.85	16.7	0		
5	QPSK	12	13	15.60	15.76	15.71				
5	QPSK	25	0	15.63	15.84	15.73	16.7	0		
5	16QAM	1	0	15.68	15.75	15.72				
5	16QAM	1	12	15.62	15.82	15.72	16.7	0		
5	16QAM	1	24	15.73	15.85	15.79				
5	16QAM	12	0	15.63	15.78	15.74	16.7	0		
5	16QAM	12	7	15.68	15.77	15.73				
5	16QAM	12	13	15.71	15.76	15.83	16.7	0		
5	16QAM	25	0	15.67	15.74	15.76				
5	64QAM	1	0	15.67	15.82	15.81	16.7	0		
5	64QAM	1	12	15.64	15.84	15.78				
5	64QAM	1	24	15.63	15.77	15.71	16.7	0		
5	64QAM	12	0	15.73	15.77	15.83				
5	64QAM	12	7	15.73	15.75	15.83	16.7	0		
5	64QAM	12	13	15.63	15.74	15.80				
5	64QAM	25	0	15.69	15.82	15.83	Tune-up limit (dBm)		MPR (dB)	

Band 7_Ant 5									
BW [MHz]	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	16.5	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	16.25	16.30	16.28	16.5	0	
20	QPSK	1	49	16.16	16.26	16.19			
20	QPSK	1	99	16.21	16.19	16.22	16.5	0	
20	QPSK	50	0	16.23	16.28	16.27			
20	QPSK	50	24	16.21	16.16	16.17	16.5	0	
20	QPSK	50	50	16.12	16.13	16.18			
20	QPSK	100	0	16.21	16.26	16.25	16.5	0	
20	16QAM	1	0	16.21	16.22	16.16			
20	16QAM	1	49	16.10	16.25	16.17	16.5	0	
20	16QAM	1	99	16.17	16.18	16.12			
20	16QAM	50	0	16.12	16.27	16.18	16.5	0	
20	16QAM	50	24	16.19	16.14	16.26			
20	16QAM	50	50	16.20	16.21	16.12	16.5	0	
20	16QAM	100	0	16.08	16.20	16.13			
20	64QAM	1	0	16.21	16.13	16.22	16.5	0	
20	64QAM	1	49	16.09	16.27	16.25			
20	64QAM	1	99	16.09	16.17	16.14	16.5	0	
20	64QAM	50	0	16.19	16.24	16.24			
20	64QAM	50	24	16.21	16.13	16.16	16.5	0	
20	64QAM	50	50	16.11	16.13	16.26			
20	64QAM	100	0	16.21	16.16	16.20	Tune-up limit (dBm)		MPR (dB)
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	16.5	0	
15	QPSK	1	0	16.09	16.20	16.24	16.5	0	
15	QPSK	1	37	16.12	16.19	16.22			
15	QPSK	1	74	16.14	16.25	16.12	16.5	0	
15	QPSK	36	0	16.09	16.18	16.26			
15	QPSK	36	20	16.17	16.16	16.24	16.5	0	
15	QPSK	36	39	16.21	16.17	16.14			
15	QPSK	75	0	16.22	16.13	16.20	16.5	0	
15	16QAM	1	0	16.17	16.24	16.16			
15	16QAM	1	37	16.08	16.26	16.16	16.5	0	
15	16QAM	1	74	16.11	16.26	16.13			
15	16QAM	36	0	16.15	16.26	16.25	16.5	0	
15	16QAM	36	20	16.15	16.13	16.15			
15	16QAM	36	39	16.19	16.16	16.14	16.5	0	
15	16QAM	75	0	16.22	16.21	16.20			
15	64QAM	1	0	16.24	16.24	16.14	16.5	0	
15	64QAM	1	37	16.21	16.15	16.14			
15	64QAM	1	74	16.09	16.19	16.15	16.5	0	
15	64QAM	36	0	16.22	16.22	16.17			
15	64QAM	36	20	16.19	16.21	16.17	16.5	0	
15	64QAM	36	39	16.20	16.16	16.18			
15	64QAM	75	0	16.14	16.14	16.18	Tune-up limit (dBm)		MPR (dB)
Channel				20800	21100	21400			
Frequency (MHz)				2508	2535	2565	16.5	0	
10	QPSK	1	0	16.20	16.23	16.15	16.5	0	
10	QPSK	1	25	16.15	16.18	16.22			
10	QPSK	1	49	16.21	16.27	16.20	16.5	0	
10	QPSK	25	0	16.08	16.21	16.21			
10	QPSK	25	12	16.17	16.27	16.12	16.5	0	
10	QPSK	25	25	16.11	16.13	16.26			
10	QPSK	50	0	16.21	16.22	16.16	16.5	0	
10	16QAM	1	0	16.12	16.25	16.17			
10	16QAM	1	25	16.20	16.17	16.25	16.5	0	
10	16QAM	1	49	16.08	16.17	16.21			
10	16QAM	25	0	16.08	16.25	16.16	16.5	0	
10	16QAM	25	12	16.22	16.25	16.18			
10	16QAM	25	12	16.22	16.24	16.24	16.5	0	
10	16QAM	25	25	16.09	16.21	16.23			
10	16QAM	50	0	16.11	16.18	16.12	16.5	0	
10	64QAM	1	0	16.14	16.15	16.13			
10	64QAM	1	25	16.10	16.20	16.14	16.5	0	
10	64QAM	1	49	16.17	16.25	16.16			
10	64QAM	25	0	16.21	16.21	16.19	16.5	0	
10	64QAM	25	12	16.09	16.20	16.19			
10	64QAM	25	25	16.20	16.24	16.24	16.5	0	
10	64QAM	50	0	16.20	16.15	16.13			
Channel				20775	21100	21425	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				2490.5	2535	2567.5			
5	QPSK	1	0	16.13	16.19	16.21	16.5	0	
5	QPSK	1	12	16.10	16.17	16.18			
5	QPSK	1	24	16.11	16.26	16.18	16.5	0	
5	QPSK	12	0	16.08	16.19	16.15			
5	QPSK	12	7	16.13	16.19	16.20	16.5	0	
5	QPSK	12	13	16.10	16.19	16.17			
5	QPSK	25	0	16.09	16.21	16.26	16.5	0	
5	16QAM	1	0	16.11	16.16	16.14			
5	16QAM	1	12	16.09	16.25	16.14	16.5	0	
5	16QAM	1	24	16.09	16.19	16.12			
5	16QAM	12	0	16.16	16.20	16.19	16.5	0	
5	16QAM	12	7	16.11	16.14	16.18			
5	16QAM	12	13	16.18	16.18	16.22	16.5	0	
5	16QAM	25	0	16.20	16.26	16.20			
5	64QAM	1	0	16.21	16.25	16.12	16.5	0	
5	64QAM	1	12	16.14	16.20	16.23			
5	64QAM	1	24	16.14	16.14	16.13	16.5	0	
5	64QAM	12	0	16.19	16.25	16.25			
5	64QAM	12	7	16.20	16.15	16.15	16.5	0	
5	64QAM	12	13	16.13	16.21	16.12			
5	64QAM	25	0	16.09	16.27	16.18	Tune-up limit (dBm)		MPR (dB)

Band 12_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130	704			
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	19.97	20.00	19.98				
10	QPSK	1	25	19.82	19.94	19.94	20.7			
10	QPSK	1	49	19.86	19.90	19.84	20.7			
10	QPSK	25	0	19.95	19.98	19.96				
10	QPSK	25	12	19.93	19.86	19.96				
10	QPSK	25	25	19.88	19.97	19.95	20.7			
10	QPSK	50	0	19.93	19.97	19.95				
10	16QAM	1	0	19.88	19.97	19.85				
10	16QAM	1	25	19.93	19.87	19.83	20.7			
10	16QAM	1	49	19.87	19.87	19.83	20.7			
10	16QAM	25	0	19.89	19.90	19.94				
10	16QAM	25	12	19.88	19.89	19.83				
10	16QAM	25	25	19.81	19.86	19.85	20.7			
10	16QAM	50	0	19.80	19.96	19.82				
10	64QAM	1	0	19.93	19.96	19.86				
10	64QAM	1	25	19.93	19.92	19.95	20.7			
10	64QAM	1	49	19.83	19.97	19.95	20.7			
10	64QAM	25	0	19.92	19.95	19.81				
10	64QAM	25	12	19.87	19.90	19.81				
10	64QAM	25	25	19.81	19.87	19.81	20.7			
10	64QAM	50	0	19.88	19.86	19.90				
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				701.5	707.5	713.5	20.7			
5	QPSK	1	0	19.94	19.85	19.85				
5	QPSK	1	12	19.91	19.97	19.81				
5	QPSK	1	24	19.92	19.89	19.88	20.7			
5	QPSK	12	0	19.90	19.92	19.93				
5	QPSK	12	7	19.88	19.88	19.83				
5	QPSK	12	13	19.85	19.93	19.90	20.7			
5	QPSK	25	0	19.80	19.93	19.83				
5	16QAM	1	0	19.82	19.94	19.82				
5	16QAM	1	12	19.87	19.90	19.86	20.7			
5	16QAM	1	24	19.85	19.89	19.88				
5	16QAM	12	0	19.83	19.87	19.87				
5	16QAM	12	7	19.88	19.96	19.84	20.7			
5	16QAM	12	13	19.90	19.83	19.91				
5	16QAM	25	0	19.84	19.90	19.88				
5	64QAM	1	0	19.85	19.85	19.92	20.7			
5	64QAM	1	12	19.86	19.88	19.81				
5	64QAM	1	24	19.84	19.90	19.82				
5	64QAM	12	0	19.93	19.89	19.90	20.7			
5	64QAM	12	7	19.84	19.90	19.91				
5	64QAM	12	13	19.83	19.87	19.94				
5	64QAM	25	0	19.90	19.84	19.88	20.7			
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				700.5	707.5	714.5	20.7			
3	QPSK	1	0	19.89	19.86	19.94				
3	QPSK	1	8	19.80	19.83	19.81				
3	QPSK	1	14	19.81	19.83	19.83	20.7			
3	QPSK	8	0	19.91	19.87	19.92				
3	QPSK	8	4	19.93	19.83	19.91				
3	QPSK	8	7	19.92	19.93	19.81	20.7			
3	QPSK	15	0	19.90	19.94	19.94				
3	16QAM	1	0	19.89	19.85	19.94				
3	16QAM	1	8	19.80	19.91	19.88	20.7			
3	16QAM	1	14	19.91	19.91	19.85				
3	16QAM	8	0	19.85	19.85	19.91				
3	16QAM	8	4	19.80	19.87	19.95	20.7			
3	16QAM	8	7	19.93	19.91	19.84				
3	16QAM	15	0	19.90	19.89	19.95				
3	64QAM	1	0	19.81	19.97	19.83	20.7			
3	64QAM	1	8	19.89	19.89	19.86				
3	64QAM	1	14	19.93	19.84	19.89				
3	64QAM	8	0	19.86	19.88	19.88	20.7			
3	64QAM	8	4	19.84	19.91	19.94				
3	64QAM	8	7	19.85	19.94	19.81				
3	64QAM	15	0	19.83	19.89	19.92	20.7			
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				699.7	703.5	713.3	20.7			
1.4	QPSK	1	0	19.83	19.95	19.85				
1.4	QPSK	1	3	19.89	19.89	19.86				
1.4	QPSK	1	5	19.83	19.90	19.86	20.7			
1.4	QPSK	3	0	19.86	19.85	19.93				
1.4	QPSK	3	1	19.87	19.86	19.84				
1.4	QPSK	3	3	19.86	19.84	19.82	20.7			
1.4	QPSK	6	0	19.87	19.91	19.83				
1.4	16QAM	1	0	19.90	19.96	19.87				
1.4	16QAM	1	3	19.92	19.91	19.82	20.7			
1.4	16QAM	1	5	19.87	19.90	19.92				
1.4	16QAM	3	0	19.88	19.88	19.92				
1.4	16QAM	3	1	19.81	19.83	19.81	20.7			
1.4	16QAM	3	3	19.88	19.93	19.90				
1.4	16QAM	6	0	19.85	19.84	19.88				
1.4	64QAM	1	0	19.80	19.85	19.92	20.7			
1.4	64QAM	1	3	19.94	19.87	19.93				
1.4	64QAM	1	5	19.84	19.86	19.83				
1.4	64QAM	3	0	19.87	19.95	19.91	20.7			
1.4	64QAM	3	1	19.85	19.97	19.81				
1.4	64QAM	3	3	19.87	19.89	19.88				
1.4	64QAM	6	0	19.89	19.89	19.94	20.7			

Band 13_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23230			782	
Frequency (MHz)								
10	QPSK	1	0		20.42		21.5	0
10	QPSK	1	25		20.27			
10	QPSK	1	49		20.38			
10	QPSK	25	0		20.40		21.5	0
10	QPSK	25	12		20.39			
10	QPSK	25	25		20.28			
10	QPSK	50	0		20.38		21.5	0
10	16QAM	1	0		20.32			
10	16QAM	1	25		20.39			
10	16QAM	1	49		20.36		21.5	0
10	16QAM	25	0		20.35			
10	16QAM	25	12		20.30			
10	16QAM	25	25		20.36		21.5	0
10	16QAM	50	0		20.27			
10	64QAM	1	0		20.37			
10	64QAM	1	25		20.30		21.5	0
10	64QAM	1	49		20.32			
10	64QAM	25	0		20.35			
10	64QAM	25	12		20.26		21.5	0
10	64QAM	25	25		20.34			
10	64QAM	50	0		20.38			
Channel				23205	782	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	20.32	20.37	20.39	21.5	0
5	QPSK	1	12	20.25	20.33	20.30		
5	QPSK	1	24	20.39	20.26	20.28		
5	QPSK	12	0	20.29	20.34	20.38	21.5	0
5	QPSK	12	7	20.37	20.37	20.30		
5	QPSK	12	13	20.28	20.28	20.33		
5	QPSK	25	0	20.27	20.33	20.36	21.5	0
5	16QAM	1	0	20.31	20.30	20.26		
5	16QAM	1	12	20.37	20.32	20.30		
5	16QAM	1	24	20.30	20.30	20.37	21.5	0
5	16QAM	12	0	20.30	20.37	20.27		
5	16QAM	12	7	20.39	20.32	20.32		
5	16QAM	12	13	20.29	20.28	20.30	21.5	0
5	16QAM	25	0	20.37	20.36	20.38		
5	64QAM	1	0	20.29	20.28	20.33		
5	64QAM	1	12	20.27	20.34	20.31	21.5	0
5	64QAM	1	24	20.37	20.25	20.26		
5	64QAM	12	0	20.32	20.29	20.29		
5	64QAM	12	7	20.37	20.32	20.35	21.5	0
5	64QAM	12	13	20.31	20.31	20.32		
5	64QAM	25	0	20.29	20.38	20.30		

Band 17_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23780	23790	23800				
Frequency (MHz)				709	710	711				
10	QPSK	1	0	20.26	20.30	20.26	21.5	0		
10	QPSK	1	25	20.24	20.13	20.12				
10	QPSK	1	49	20.19	20.21	20.16				
10	QPSK	25	0	20.27	20.28	20.25	21.5	0		
10	QPSK	25	12	20.23	20.17	20.11				
10	QPSK	25	25	20.22	20.21	20.12				
10	QPSK	50	0	20.26	20.27	20.23	21.5	0		
10	16QAM	1	0	20.15	20.22	20.19				
10	16QAM	1	25	20.26	20.24	20.23				
10	16QAM	1	49	20.22	20.26	20.24	21.5	0		
10	16QAM	25	0	20.20	20.23	20.17				
10	16QAM	25	12	20.19	20.18	20.11				
10	16QAM	25	25	20.19	20.17	20.17	21.5	0		
10	16QAM	50	0	20.16	20.20	20.17				
10	64QAM	1	0	20.23	20.24	20.23				
10	64QAM	1	25	20.14	20.21	20.10	21.5	0		
10	64QAM	1	49	20.20	20.17	20.16				
10	64QAM	25	0	20.25	20.16	20.24				
10	64QAM	25	12	20.19	20.22	20.13	21.5	0		
10	64QAM	25	25	20.18	20.19	20.17				
10	64QAM	50	0	20.22	20.14	20.12				
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				706.5	710	713.5				
5	QPSK	1	0	20.19	20.14	20.14	21.5	0		
5	QPSK	1	12	20.17	20.15	20.11				
5	QPSK	1	24	20.15	20.16	20.10				
5	QPSK	12	0	20.25	20.22	20.16	21.5	0		
5	QPSK	12	7	20.15	20.19	20.17				
5	QPSK	12	13	20.13	20.26	20.13				
5	QPSK	25	0	20.15	20.27	20.23	21.5	0		
5	16QAM	1	0	20.25	20.20	20.21				
5	16QAM	1	12	20.15	20.18	20.12				
5	16QAM	1	24	20.14	20.17	20.11	21.5	0		
5	16QAM	12	0	20.23	20.14	20.14				
5	16QAM	12	7	20.19	20.25	20.20				
5	16QAM	12	13	20.15	20.26	20.22	21.5	0		
5	16QAM	25	0	20.20	20.17	20.21				
5	64QAM	1	0	20.19	20.17	20.15				
5	64QAM	1	12	20.12	20.14	20.19	21.5	0		
5	64QAM	1	24	20.14	20.25	20.17				
5	64QAM	12	0	20.23	20.16	20.19				
5	64QAM	12	7	20.26	20.24	20.22	21.5	0		
5	64QAM	12	13	20.24	20.13	20.12				
5	64QAM	25	0	20.21	20.13	20.18				

Band 17_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	19.96	20.00	19.97	20.7	0
10	QPSK	1	25	19.92	19.94	19.91		
10	QPSK	1	49	19.87	19.95	19.91		
10	QPSK	25	0	19.96	19.98	19.95	20.7	0
10	QPSK	25	12	19.86	19.87	19.89		
10	QPSK	25	25	19.89	19.97	19.94		
10	QPSK	50	0	19.95	19.97	19.93	20.7	0
10	16QAM	1	0	19.91	19.88	19.91		
10	16QAM	1	25	19.86	19.84	19.91		
10	16QAM	1	49	19.86	19.96	19.82	20.7	0
10	16QAM	25	0	19.83	19.85	19.87		
10	16QAM	25	12	19.88	19.92	19.90		
10	16QAM	25	25	19.93	19.89	19.91	20.7	0
10	16QAM	50	0	19.81	19.85	19.88		
10	64QAM	1	0	19.92	19.84	19.90		
10	64QAM	1	25	19.93	19.95	19.82	20.7	0
10	64QAM	1	49	19.94	19.93	19.88		
10	64QAM	25	0	19.93	19.94	19.88		
10	64QAM	25	12	19.83	19.95	19.80	20.7	0
10	64QAM	25	25	19.90	19.85	19.86		
10	64QAM	50	0	19.82	19.91	19.90		
Channel				23765	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	19.84	19.89	19.80	20.7	0
5	QPSK	1	12	19.93	19.88	19.91		
5	QPSK	1	24	19.81	19.93	19.85		
5	QPSK	12	0	19.82	19.89	19.83	20.7	0
5	QPSK	12	7	19.91	19.84	19.92		
5	QPSK	12	13	19.91	19.90	19.86		
5	QPSK	25	0	19.92	19.90	19.85	20.7	0
5	16QAM	1	0	19.85	19.91	19.80		
5	16QAM	1	12	19.91	19.96	19.87		
5	16QAM	1	24	19.90	19.90	19.86	20.7	0
5	16QAM	12	0	19.92	19.83	19.80		
5	16QAM	12	7	19.84	19.97	19.89		
5	16QAM	12	13	19.87	19.90	19.81	20.7	0
5	16QAM	25	0	19.83	19.87	19.90		
5	64QAM	1	0	19.87	19.96	19.84		
5	64QAM	1	12	19.87	19.97	19.91	20.7	0
5	64QAM	1	24	19.83	19.94	19.82		
5	64QAM	12	0	19.86	19.94	19.84		
5	64QAM	12	7	19.91	19.93	19.80	20.7	0
5	64QAM	12	13	19.95	19.96	19.88		
5	64QAM	25	0	19.90	19.95	19.93		

Band 26_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med 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	20.93	21.03	21.00	22	0		
15	QPSK	1	37	20.76	20.98	20.94				
15	QPSK	1	74	20.79	20.87	20.84				
15	QPSK	36	0	20.91	21.01	20.98	22	0		
15	QPSK	36	20	20.78	20.87	20.96				
15	QPSK	36	39	20.80	20.92	20.88				
15	QPSK	75	0	20.90	21.00	20.96	22	0		
15	16QAM	1	0	20.80	20.86	20.94				
15	16QAM	1	37	20.86	20.94	20.93				
15	16QAM	1	74	20.80	20.99	20.97	22	0		
15	16QAM	36	0	20.79	20.98	20.97				
15	16QAM	36	20	20.90	20.86	20.88				
15	16QAM	36	39	20.86	20.97	20.87	22	0		
15	16QAM	75	0	20.78	20.96	20.88				
15	64QAM	1	0	20.87	20.99	20.95				
15	64QAM	1	37	20.80	20.90	20.86	22	0		
15	64QAM	1	74	20.87	20.93	20.95				
15	64QAM	36	0	20.85	20.91	20.96				
15	64QAM	36	20	20.76	20.98	20.97	22	0		
15	64QAM	36	39	20.76	20.86	20.83				
15	64QAM	75	0	20.78	20.89	20.85				
Channel				26740	26865	26990				
Frequency (MHz)				819	831.5	844				
10	QPSK	1	0	20.85	20.86	20.97	22	0		
10	QPSK	1	25	20.86	20.87	20.93				
10	QPSK	1	49	20.83	20.97	20.91				
10	QPSK	25	0	20.78	20.92	20.95	22	0		
10	QPSK	25	12	20.90	21.00	20.95				
10	QPSK	25	25	20.90	20.94	20.91				
10	QPSK	50	0	20.85	20.96	20.87	22	0		
10	16QAM	1	0	20.76	20.90	20.90				
10	16QAM	1	25	20.84	20.89	20.86				
10	16QAM	1	49	20.84	21.00	20.85	22	0		
10	16QAM	25	0	20.81	20.87	20.96				
10	16QAM	25	12	20.96	20.96	20.86				
10	16QAM	25	25	20.80	20.90	20.90	22	0		
10	16QAM	50	0	20.84	20.98	20.89				
10	64QAM	1	0	20.79	20.92	20.85				
10	64QAM	1	25	20.80	20.92	20.86	22	0		
10	64QAM	1	49	20.77	20.96	20.87				
10	64QAM	25	0	20.80	20.86	20.88				
10	64QAM	25	12	20.76	20.93	20.92	22	0		
10	64QAM	25	25	20.87	20.89	20.89				
10	64QAM	50	0	20.86	20.97	20.97				
Channel				26715	26865	27015				
Frequency (MHz)				816.5	831.5	846.5				
5	QPSK	1	0	20.89	20.95	20.86	22	0		
5	QPSK	1	12	20.85	20.91	20.96				
5	QPSK	1	24	20.79	20.93	20.95				
5	QPSK	12	0	20.81	20.98	20.85	22	0		
5	QPSK	12	7	20.89	20.92	20.95				
5	QPSK	12	13	20.77	20.98	20.94				
5	QPSK	25	0	20.88	20.93	20.97	22	0		
5	16QAM	1	0	20.85	20.94	20.88				
5	16QAM	1	12	20.80	20.90	20.88				
5	16QAM	1	24	20.81	20.99	20.89	22	0		
5	16QAM	12	0	20.88	20.90	20.90				
5	16QAM	12	7	20.83	20.90	20.86				
5	16QAM	12	13	20.80	20.97	20.88	22	0		
5	16QAM	25	0	20.84	20.94	20.83				
5	64QAM	1	0	20.78	20.94	20.91				
5	64QAM	1	12	20.85	20.93	20.95	22	0		
5	64QAM	1	24	20.79	20.89	20.90				
5	64QAM	12	0	20.77	20.90	20.91				
5	64QAM	12	7	20.86	20.96	20.95	22	0		
5	64QAM	12	13	20.83	20.86	20.96				
5	64QAM	25	0	20.81	20.95	20.85				
Channel				26705	26865	27025				
Frequency (MHz)				815.5	831.5	847.5				
3	QPSK	1	0	20.90	20.97	20.92	22	0		
3	QPSK	1	8	20.88	20.95	20.84				
3	QPSK	1	14	20.78	20.87	20.89				
3	QPSK	8	0	20.85	20.91	20.97	22	0		
3	QPSK	8	4	20.77	20.91	20.97				
3	QPSK	8	21	20.81	21.00	20.84				
3	QPSK	15	0	20.81	20.96	20.97	22	0		
3	16QAM	1	0	20.85	20.95	20.95				
3	16QAM	1	8	20.77	20.88	20.87				
3	16QAM	1	14	20.84	20.95	20.84	22	0		
3	16QAM	8	0	20.81	20.86	20.84				
3	16QAM	8	4	20.86	20.96	20.84				
3	16QAM	8	7	20.88	20.91	20.88	22	0		
3	16QAM	15	0	20.84	20.94	20.93				
3	64QAM	1	0	20.81	20.92	20.97				
3	64QAM	1	8	20.78	20.95	20.93	22	0		
3	64QAM	1	14	20.89	20.92	20.90				
3	64QAM	8	0	20.89	21.00	20.96				
3	64QAM	8	4	20.89	20.91	20.86	22	0		
3	64QAM	8	7	20.88	20.99	20.95				
3	64QAM	15	0	20.81	20.99	20.89				
Channel				26697	26865	27033				
Frequency (MHz)				814.7	831.5	848.3				
1.4	QPSK	1	0	20.89	20.98	20.88	22	0		
1.4	QPSK	1	3	20.86	20.92	20.96				
1.4	QPSK	1	5	20.80	20.95	20.94				
1.4	QPSK	3	0	20.77	20.98	20.88	22	0		
1.4	QPSK	3	1	20.84	20.92	20.87				
1.4	QPSK	3	3	20.80	20.97	20.83				
1.4	QPSK	6	0	20.79	20.97	20.92	22	0		
1.4	16QAM	1	0	20.77	20.96	20.88				
1.4	16QAM	1	3	20.86	20.96	20.88				
1.4	16QAM	1	5	20.90	20.97	20.97	22	0		
1.4	16QAM	3	0	20.84	20.89	20.90				
1.4	16QAM	3	1	20.87	20.88	20.97				
1.4	16QAM	3	3	20.85	20.89	20.97	22	0		
1.4	16QAM	6	0	20.76	20.97	20.90				
1.4	64QAM	1	0	20.87	21.00	20.89				
1.4	64QAM	1	3	20.77	20.98	20.87	22	0		
1.4	64QAM	1	5	20.78	20.96	20.97				
1.4	64QAM	3	0	20.76	20.98	20.87				
1.4	64QAM	3	1	20.76	20.88	20.83	22	0		
1.4	64QAM	3	3	20.84	20.89	20.90				
1.4	64QAM	6	0	20.79	20.97	20.94				

Band 26_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				26765	26865	26965					
Frequency (MHz)				821.5	831.5	841.5					
15	QPSK	1	0	20.68	20.72	20.70	21.2	0			
15	QPSK	1	37	20.54	20.59	20.59					
15	QPSK	1	74	20.60	20.67	20.66					
15	QPSK	36	0	20.66	20.70	20.68	21.2	0			
15	QPSK	36	20	20.58	20.68	20.60					
15	QPSK	36	39	20.61	20.58	20.62					
15	QPSK	75	0	20.65	20.68	20.67	21.2	0			
15	16QAM	1	0	20.51	20.60	20.64					
15	16QAM	1	37	20.60	20.68	20.55					
15	16QAM	1	74	20.59	20.68	20.65	21.2	0			
15	16QAM	36	0	20.62	20.63	20.63					
15	16QAM	36	20	20.60	20.68	20.58					
15	16QAM	36	39	20.53	20.61	20.57	21.2	0			
15	16QAM	75	0	20.57	20.55	20.56					
15	64QAM	1	0	20.57	20.60	20.61					
15	64QAM	1	37	20.59	20.65	20.65	21.2	0			
15	64QAM	1	74	20.60	20.63	20.56					
15	64QAM	36	0	20.55	20.57	20.64					
15	64QAM	36	20	20.57	20.64	20.53	21.2	0			
15	64QAM	36	39	20.62	20.66	20.64					
15	64QAM	75	0	20.55	20.63	20.61					
Channel				26740	26865	26990					
Frequency (MHz)				819	831.5	844					
10	QPSK	1	0	20.58	20.64	20.67	21.2	0			
10	QPSK	1	25	20.60	20.69	20.58					
10	QPSK	1	49	20.60	20.68	20.62					
10	QPSK	25	0	20.58	20.65	20.65	21.2	0			
10	QPSK	25	12	20.52	20.57	20.67					
10	QPSK	25	25	20.65	20.66	20.65					
10	QPSK	50	0	20.57	20.56	20.59	21.2	0			
10	16QAM	1	0	20.56	20.61	20.54					
10	16QAM	1	25	20.57	20.64	20.59					
10	16QAM	1	49	20.63	20.63	20.62	21.2	0			
10	16QAM	25	0	20.63	20.60	20.58					
10	16QAM	25	12	20.64	20.62	20.63					
10	16QAM	25	25	20.65	20.59	20.59	21.2	0			
10	16QAM	50	0	20.64	20.65	20.56					
10	64QAM	1	0	20.54	20.57	20.67					
10	64QAM	1	25	20.53	20.63	20.67	21.2	0			
10	64QAM	1	49	20.51	20.65	20.65					
10	64QAM	25	0	20.65	20.63	20.57					
10	64QAM	25	12	20.62	20.65	20.57	21.2	0			
10	64QAM	25	25	20.57	20.59	20.61					
10	64QAM	50	0	20.52	20.62	20.56					
Channel				26715	26865	27015					
Frequency (MHz)				816.5	831.5	846.5					
5	QPSK	1	0	20.61	20.59	20.57	21.2	0			
5	QPSK	1	12	20.64	20.68	20.64					
5	QPSK	1	24	20.58	20.62	20.65					
5	QPSK	12	0	20.51	20.69	20.57	21.2	0			
5	QPSK	12	7	20.61	20.57	20.59					
5	QPSK	12	13	20.52	20.64	20.65					
5	QPSK	25	0	20.61	20.61	20.64	21.2	0			
5	16QAM	1	0	20.63	20.68	20.65					
5	16QAM	1	12	20.58	20.61	20.67					
5	16QAM	1	24	20.61	20.63	20.63	21.2	0			
5	16QAM	12	0	20.56	20.62	20.66					
5	16QAM	12	7	20.63	20.65	20.55					
5	16QAM	12	13	20.52	20.56	20.55	21.2	0			
5	16QAM	25	0	20.55	20.61	20.59					
5	64QAM	1	0	20.63	20.62	20.62					
5	64QAM	1	12	20.53	20.65	20.67	21.2	0			
5	64QAM	1	24	20.65	20.64	20.57					
5	64QAM	12	0	20.59	20.56	20.64					
5	64QAM	12	7	20.56	20.67	20.57	21.2	0			
5	64QAM	12	13	20.53	20.55	20.61					
5	64QAM	25	0	20.51	20.63	20.60					
Channel				26705	26865	27025					
Frequency (MHz)				815.5	831.5	847.5					
3	QPSK	1	0	20.61	20.67	20.67	21.2	0			
3	QPSK	1	8	20.59	20.65	20.66					
3	QPSK	1	14	20.53	20.58	20.55					
3	QPSK	8	0	20.52	20.65	20.58	21.2	0			
3	QPSK	8	4	20.65	20.56	20.57					
3	QPSK	8	7	20.65	20.69	20.63					
3	QPSK	15	0	20.54	20.65	20.64	21.2	0			
3	16QAM	1	0	20.53	20.56	20.66					
3	16QAM	1	8	20.61	20.65	20.55					
3	16QAM	1	14	20.64	20.63	20.65	21.2	0			
3	16QAM	8	0	20.56	20.55	20.65					
3	16QAM	8	4	20.51	20.65	20.66					
3	16QAM	8	7	20.53	20.55	20.65	21.2	0			
3	16QAM	15	0	20.55	20.69	20.61					
3	64QAM	1	0	20.56	20.69	20.56					
3	64QAM	1	8	20.60	20.61	20.67	21.2	0			
3	64QAM	1	14	20.60	20.65	20.62					
3	64QAM	8	0	20.58	20.64	20.58					
3	64QAM	8	4	20.55	20.55	20.63	21.2	0			
3	64QAM	8	7	20.56	20.66	20.59					
3	64QAM	15	0	20.58	20.56	20.55					
Channel				26697	26865	27033					
Frequency (MHz)				814.7	831.5	848.3					
1.4	QPSK	1	0	20.52	20.63	20.66	21.2	0			
1.4	QPSK	1	3	20.64	20.62	20.64					
1.4	QPSK	1	5	20.52	20.64	20.67					
1.4	QPSK	3	0	20.55	20.65	20.64	21.2	0			
1.4	QPSK	3	1	20.55	20.67	20.59					
1.4	QPSK	3	3	20.56	20.58	20.61					
1.4	QPSK	6	0	20.53	20.56	20.53	21.2	0			
1.4	16QAM	1	0	20.51	20.61	20.59					
1.4	16QAM	1	3	20.52	20.62	20.55					
1.4	16QAM	1	5	20.64	20.56	20.67	21.2	0			
1.4	16QAM	3	0	20.51	20.66	20.62					
1.4	16QAM	3	1	20.57	20.69	20.55					
1.4	16QAM	3	3	20.51	20.57	20.65	21.2	0			
1.4	64QAM	1	0	20.53	20.67	20.56					
1.4	64QAM	1	3	20.55	20.62	20.61					
1.4	64QAM	1	5	20.55	20.69	20.61	21.2	0			
1.4	64QAM	3	0	20.57	20.59	20.60					
1.4	64QAM	3	1	20.57	20.68	20.55					
1.4	64QAM	3	3	20.55	20.68	20.65	21.2	0			
1.4	64QAM	6	0	20.56	20.69	20.54					

Band 66_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	17.11	17.24	17.43	18.3	0	
20	QPSK	1	49	17.02	17.10	17.27			
20	QPSK	1	99	17.04	17.19	17.38			
20	QPSK	50	0	17.10	17.22	17.41	18.3	0	
20	QPSK	50	24	17.05	17.21	17.36			
20	QPSK	50	50	17.09	17.20	17.40			
20	QPSK	100	0	17.08	17.20	17.40	18.3	0	
20	16QAM	1	49	16.97	17.16	17.35			
20	16QAM	1	99	16.97	17.17	17.40			
20	16QAM	1	99	16.99	17.15	17.36	18.3	0	
20	16QAM	50	0	17.04	17.20	17.30			
20	16QAM	50	24	16.95	17.21	17.38			
20	16QAM	50	50	17.02	17.12	17.27	18.3	0	
20	16QAM	100	0	17.02	17.13	17.26			
20	16QAM	1	0	16.96	17.18	17.34			
20	64QAM	1	49	16.96	17.16	17.27	18.3	0	
20	64QAM	1	99	16.97	17.10	17.39			
20	64QAM	50	0	16.96	17.12	17.39			
20	64QAM	50	24	17.07	17.16	17.36	18.3	0	
20	64QAM	50	50	17.00	17.19	17.32			
20	64QAM	100	0	17.05	17.21	17.33			
Channel				132047	132322	132597	Tune-up limit (dbm)		MPR (dB)
Frequency (MHz)				1717.15	1745	1772.5			
15	QPSK	1	0	17.01	17.12	17.34	18.3	0	
15	QPSK	1	37	16.97	17.13	17.27			
15	QPSK	1	74	17.05	17.13	17.26			
15	QPSK	36	0	16.98	17.13	17.38	18.3	0	
15	QPSK	36	20	17.08	17.07	17.39			
15	QPSK	36	39	17.03	17.10	17.31			
15	QPSK	75	0	17.05	17.14	17.36	18.3	0	
15	16QAM	1	0	17.00	17.18	17.39			
15	16QAM	1	37	17.08	17.16	17.30			
15	16QAM	1	74	17.07	17.10	17.39	18.3	0	
15	16QAM	36	0	17.05	17.18	17.30			
15	16QAM	36	20	17.06	17.17	17.37			
15	16QAM	36	39	17.01	17.13	17.38	18.3	0	
15	16QAM	75	0	16.96	17.19	17.28			
15	64QAM	1	0	17.01	17.09	17.34			
15	64QAM	1	37	17.04	17.16	17.37	18.3	0	
15	64QAM	1	74	17.00	17.18	17.36			
15	64QAM	36	0	17.07	17.09	17.35			
15	64QAM	36	20	17.01	17.19	17.31	18.3	0	
15	64QAM	36	39	17.09	17.12	17.28			
15	64QAM	75	0	17.04	17.07	17.35			
Channel				132022	132322	132622	Tune-up limit (dbm)		MPR (dB)
Frequency (MHz)				1719	1745	1775			
10	QPSK	1	0	16.97	17.10	17.39	18.3	0	
10	QPSK	1	25	17.05	17.17	17.39			
10	QPSK	1	49	17.00	17.07	17.29			
10	QPSK	25	0	16.99	17.21	17.40	18.3	0	
10	QPSK	25	12	17.07	17.17	17.34			
10	QPSK	25	25	16.98	17.12	17.28			
10	QPSK	50	0	16.99	17.12	17.34	18.3	0	
10	16QAM	1	0	16.97	17.10	17.28			
10	16QAM	1	25	17.07	17.08	17.33			
10	16QAM	1	49	17.09	17.21	17.37	18.3	0	
10	16QAM	25	0	16.98	17.13	17.37			
10	16QAM	25	12	17.02	17.18	17.39			
10	16QAM	25	25	16.96	17.15	17.26	18.3	0	
10	16QAM	50	0	17.07	17.13	17.40			
10	64QAM	1	0	17.07	17.14	17.38			
10	64QAM	1	25	17.01	17.16	17.38	18.3	0	
10	64QAM	1	49	17.09	17.08	17.36			
10	64QAM	25	0	17.08	17.08	17.35			
10	64QAM	25	12	17.06	17.18	17.31	18.3	0	
10	64QAM	25	25	17.06	17.12	17.39			
10	64QAM	50	0	16.97	17.16	17.30			
Channel				131997	132322	132647	Tune-up limit (dbm)		MPR (dB)
Frequency (MHz)				1712.15	1745	1777.5			
5	QPSK	1	0	17.04	17.12	17.38	18.3	0	
5	QPSK	1	12	17.08	17.20	17.31			
5	QPSK	1	24	17.01	17.11	17.37			
5	QPSK	12	0	17.04	17.17	17.36	18.3	0	
5	QPSK	12	7	17.02	17.20	17.34			
5	QPSK	12	13	17.01	17.18	17.32			
5	QPSK	25	0	17.05	17.18	17.27	18.3	0	
5	16QAM	1	0	17.00	17.17	17.31			
5	16QAM	1	12	17.00	17.20	17.32			
5	16QAM	1	24	17.03	17.14	17.28	18.3	0	
5	16QAM	12	0	16.99	17.15	17.29			
5	16QAM	12	7	17.05	17.15	17.37			
5	16QAM	12	13	16.99	17.18	17.31	18.3	0	
5	16QAM	25	0	17.05	17.19	17.39			
5	64QAM	1	0	17.04	17.17	17.27			
5	64QAM	1	12	17.01	17.21	17.26	18.3	0	
5	64QAM	1	24	16.99	17.08	17.30			
5	64QAM	12	0	17.05	17.21	17.35			
5	64QAM	12	7	17.07	17.19	17.39	18.3	0	
5	64QAM	12	13	17.06	17.17	17.37			
5	64QAM	25	0	17.00	17.21	17.34			
Channel				131987	132322	132657	Tune-up limit (dbm)		MPR (dB)
Frequency (MHz)				1711.15	1745	1777.5			
3	QPSK	1	0	17.08	17.18	17.27	18.3	0	
3	QPSK	1	8	16.96	17.07	17.26			
3	QPSK	1	14	17.00	17.18	17.40			
3	QPSK	8	0	17.06	17.11	17.37	18.3	0	
3	QPSK	8	4	17.08	17.15	17.38			
3	QPSK	8	7	17.09	17.14	17.36			
3	QPSK	16	0	17.00	17.16	17.33	18.3	0	
3	16QAM	1	0	17.00	17.11	17.37			
3	16QAM	1	8	16.96	17.08	17.37			
3	16QAM	1	14	17.03	17.10	17.29	18.3	0	
3	16QAM	8	0	16.99	17.19	17.29			
3	16QAM	8	4	17.09	17.12	17.34			
3	16QAM	8	7	16.98	17.13	17.36	18.3	0	
3	16QAM	15	0	17.08	17.10	17.30			
3	64QAM	1	0	16.96	17.11	17.31			
3	64QAM	1	8	16.96	17.11	17.32	18.3	0	
3	64QAM	1	14	17.05	17.14	17.36			
3	64QAM	8	0	17.01	17.16	17.35			
3	64QAM	8	4	16.95	17.13	17.29	18.3	0	
3	64QAM	8	7	17.06	17.19	17.34			
3	64QAM	15	0	17.03	17.11	17.29			
Channel				131979	132322	132665	Tune-up limit (dbm)		MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	17.08	17.18	17.37	18.3	0	
1.4	QPSK	1	3	17.03	17.14	17.28			
1.4	QPSK	1	5	16.98	17.11	17.31			
1.4	QPSK	3	0	17.08	17.16	17.30	18.3	0	
1.4	QPSK	3	1	17.09	17.18	17.36			
1.4	QPSK	3	3	16.99	17.09	17.34			
1.4	QPSK	6	0	17.01	17.09	17.34	18.3	0	
1.4	16QAM	1	0	16.95	17.18	17.33			
1.4	16QAM	1	3	16.96	17.10	17.40			
1.4	16QAM	1	5	16.95	17.12	17.37	18.3	0	
1.4	16QAM	3	0	17.03	17.15	17.28			
1.4	16QAM	3	1	17.09	17.09	17.33			
1.4	16QAM	3	3	16.95	17.10	17.33	18.3	0	
1.4	16QAM	6	0	16.96	17.11	17.27			
1.4	64QAM	1	0	17.09	17.16	17.31			
1.4	64QAM	1	3	16.99	17.17	17.32	18.3	0	
1.4	64QAM	1	5	17.06	17.19	17.26			
1.4	64QAM	3	0	17.07	17.21	17.31			
1.4	64QAM	3	1	17.00	17.15	17.38	18.3	0	
1.4	64QAM	3	3	17.05	17.17	17.27			
1.4	64QAM	6	0	17.09	17.10	17.28			

Band 66_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572	17.8	0	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	16.62	16.86	17.26	17.8	0	
20	QPSK	1	49	16.50	16.75	17.10			
20	QPSK	1	99	16.49	16.80	17.15			
20	QPSK	50	0	16.60	16.85	17.25	17.8	0	
20	QPSK	50	24	16.59	16.71	17.21			
20	QPSK	50	50	16.45	16.75	17.11			
20	QPSK	100	0	16.58	16.83	17.23	17.8	0	
20	16QAM	1	0	16.59	16.72	17.23			
20	16QAM	1	49	16.53	16.72	17.24			
20	16QAM	1	99	16.56	16.83	17.21	17.8	0	
20	16QAM	50	0	16.53	16.71	17.10			
20	16QAM	50	24	16.50	16.75	17.11			
20	16QAM	50	50	16.50	16.81	17.15	17.8	0	
20	16QAM	100	0	16.48	16.83	17.10			
20	64QAM	1	0	16.45	16.72	17.23			
20	64QAM	1	49	16.48	16.79	17.14	17.8	0	
20	64QAM	1	99	16.45	16.70	17.24			
20	64QAM	50	0	16.48	16.81	17.15			
20	64QAM	50	24	16.53	16.75	17.19	17.8	0	
20	64QAM	50	50	16.52	16.73	17.13			
20	64QAM	100	0	16.50	16.79	17.19			
Channel				132047	132322	132597	17.8	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	16.55	16.77	17.18	17.8	0	
15	QPSK	1	37	16.56	16.84	17.22			
15	QPSK	1	74	16.51	16.73	17.14			
15	QPSK	36	0	16.58	16.76	17.21	17.8	0	
15	QPSK	36	20	16.55	16.76	17.11			
15	QPSK	36	39	16.46	16.84	17.12			
15	QPSK	75	0	16.50	16.83	17.21	17.8	0	
15	16QAM	1	0	16.54	16.71	17.19			
15	16QAM	1	37	16.59	16.76	17.22			
15	16QAM	1	74	16.58	16.81	17.13	17.8	0	
15	16QAM	36	0	16.46	16.70	17.24			
15	16QAM	36	20	16.57	16.82	17.11			
15	16QAM	36	39	16.57	16.81	17.21	17.8	0	
15	16QAM	75	0	16.53	16.72	17.18			
15	64QAM	1	0	16.54	16.80	17.23			
15	64QAM	1	37	16.45	16.70	17.13	17.8	0	
15	64QAM	1	74	16.59	16.84	17.15			
15	64QAM	36	0	16.45	16.82	17.23			
15	64QAM	36	20	16.55	16.70	17.16	17.8	0	
15	64QAM	36	39	16.57	16.75	17.16			
15	64QAM	75	0	16.53	16.77	17.18			
Channel				132022	132322	132622	17.8	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	16.57	16.79	17.18	17.8	0	
10	QPSK	1	25	16.52	16.72	17.23			
10	QPSK	1	49	16.49	16.75	17.15			
10	QPSK	25	0	16.53	16.77	17.20	17.8	0	
10	QPSK	25	12	16.54	16.76	17.15			
10	QPSK	25	25	16.47	16.75	17.14			
10	QPSK	50	0	16.48	16.75	17.10	17.8	0	
10	16QAM	1	0	16.52	16.73	17.17			
10	16QAM	1	25	16.55	16.78	17.11			
10	16QAM	1	49	16.57	16.73	17.10	17.8	0	
10	16QAM	25	0	16.59	16.78	17.13			
10	16QAM	25	12	16.47	16.77	17.14			
10	16QAM	25	25	16.59	16.77	17.19	17.8	0	
10	16QAM	50	0	16.48	16.74	17.16			
10	64QAM	1	0	16.56	16.73	17.16			
10	64QAM	1	25	16.52	16.71	17.13	17.8	0	
10	64QAM	1	49	16.58	16.73	17.16			
10	64QAM	25	0	16.45	16.81	17.10			
10	64QAM	25	12	16.55	16.70	17.21	17.8	0	
10	64QAM	25	25	16.49	16.82	17.15			
10	64QAM	50	0	16.49	16.79	17.18			
Channel				131997	132322	132647	17.8	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	16.46	16.78	17.22	17.8	0	
5	QPSK	1	12	16.50	16.80	17.12			
5	QPSK	1	24	16.48	16.81	17.20			
5	QPSK	12	0	16.54	16.72	17.22	17.8	0	
5	QPSK	12	7	16.53	16.79	17.21			
5	QPSK	12	13	16.51	16.73	17.14			
5	QPSK	25	0	16.50	16.84	17.23	17.8	0	
5	16QAM	1	0	16.57	16.83	17.12			
5	16QAM	1	12	16.56	16.83	17.15			
5	16QAM	1	24	16.46	16.73	17.10	17.8	0	
5	16QAM	12	0	16.55	16.72	17.16			
5	16QAM	12	7	16.52	16.74	17.10			
5	16QAM	12	13	16.47	16.79	17.13	17.8	0	
5	16QAM	25	0	16.46	16.83	17.19			
5	64QAM	1	0	16.55	16.74	17.10			
5	64QAM	1	12	16.46	16.77	17.21	17.8	0	
5	64QAM	1	24	16.48	16.76	17.22			
5	64QAM	12	0	16.56	16.76	17.20			
5	64QAM	12	7	16.55	16.74	17.23	17.8	0	
5	64QAM	12	13	16.53	16.75	17.10			
5	64QAM	25	0	16.53	16.80	17.24			
Channel				131987	132322	132657	17.8	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	16.45	16.82	17.22	17.8	0	
3	QPSK	1	8	16.52	16.77	17.18			
3	QPSK	1	14	16.59	16.75	17.12			
3	QPSK	8	0	16.56	16.78	17.14	17.8	0	
3	QPSK	8	4	16.58	16.81	17.14			
3	QPSK	8	7	16.56	16.78	17.12			
3	QPSK	15	0	16.58	16.77	17.24	17.8	0	
3	16QAM	1	0	16.51	16.77	17.13			
3	16QAM	1	8	16.46	16.82	17.22			
3	16QAM	1	14	16.58	16.73	17.22	17.8	0	
3	16QAM	8	0	16.54	16.72	17.17			
3	16QAM	8	4	16.59	16.76	17.18			
3	16QAM	8	7	16.50	16.73	17.19	17.8	0	
3	16QAM	15	0	16.48	16.82	17.16			
3	64QAM	1	0	16.56	16.81	17.19			
3	64QAM	1	8	16.49	16.76	17.22	17.8	0	
3	64QAM	1	14	16.48	16.77	17.13			
3	64QAM	8	0	16.49	16.70	17.15			
3	64QAM	8	4	16.50	16.70	17.21	17.8	0	
3	64QAM	8	7	16.52	16.77	17.20			
3	64QAM	15	0	16.50	16.80	17.22			
Channel				131979	132322	132685	17.8	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	16.54	16.83	17.11	17.8	0	
1.4	QPSK	1	3	16.54	16.81	17.15			
1.4	QPSK	1	5	16.54	16.77	17.24			
1.4	QPSK	3	0	16.45	16.73	17.13	17.8	0	
1.4	QPSK	3	1	16.59	16.75	17.17			
1.4	QPSK	3	3	16.48	16.81	17.17			
1.4	QPSK	6	0	16.51	16.73	17.22	17.8	0	
1.4	16QAM	1	0	16.45	16.80	17.20	17.8	0	
1.4	16QAM	1	3	16.52	16.84	17.11			
1.4	16QAM	1	5	16.47	16.70	17.15			
1.4	16QAM	3	0	16.50	16.82	17.18	17.8	0	
1.4	16QAM	3	1	16.52	16.70	17.10			
1.4	16QAM	3	3	16.54	16.75	17.18			
1.4	16QAM	6	0	16.55	16.82	17.24	17.8	0	
1.4	64QAM	1	0	16.57	16.83	17.21	17.8	0	
1.4	64QAM	1	3	16.47	16.79	17.11			
1.4	64QAM	1	5	16.58	16.74	17.18			
1.4	64QAM	3	0	16.59	16.83	17.23	17.8	0	
1.4	64QAM	3	1	16.53	16.83	17.22			
1.4	64QAM	3	3	16.54	16.77	17.21			
1.4	64QAM	6	0	16.57	16.79	17.14	17.8	0	

Band 38_Ant 3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				37850	38000	38150					
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	18.83	18.86	18.85	19.5	0			
20	QPSK	1	49	18.71	18.77	18.79					
20	QPSK	1	99	18.68	18.83	18.68					
20	QPSK	50	0	18.81	18.85	18.83					
20	QPSK	50	24	18.69	18.78	18.74					
20	QPSK	50	50	18.72	18.71	18.72	19.5	0			
20	QPSK	100	0	18.80	18.83	18.81					
20	16QAM	1	0	18.74	18.80	18.71					
20	16QAM	1	49	18.71	18.78	18.75	19.5	0			
20	16QAM	1	99	18.69	18.76	18.78					
20	16QAM	50	0	18.70	18.78	18.76					
20	16QAM	50	24	18.80	18.80	18.69					
20	16QAM	50	50	18.76	18.82	18.77	19.5	0			
20	16QAM	100	0	18.71	18.77	18.81					
20	64QAM	1	0	18.73	18.78	18.73					
20	64QAM	1	49	18.69	18.78	18.80	19.5	0			
20	64QAM	1	99	18.73	18.78	18.69					
20	64QAM	50	0	18.78	18.76	18.74					
20	64QAM	50	24	18.73	18.76	18.71					
20	64QAM	50	50	18.74	18.77	18.77	19.5	0			
20	64QAM	100	0	18.67	18.78	18.68					
Channel				37825	38000	38175					
Frequency (MHz)				2577.5	2595	2612.5					
15	QPSK	1	0	18.72	18.83	18.71	19.5	0			
15	QPSK	1	37	18.72	18.71	18.70					
15	QPSK	1	74	18.78	18.83	18.73					
15	QPSK	36	0	18.80	18.79	18.82					
15	QPSK	36	20	18.75	18.82	18.76	19.5	0			
15	QPSK	36	39	18.66	18.82	18.73					
15	QPSK	75	0	18.78	18.75	18.77					
15	16QAM	1	0	18.67	18.76	18.79	19.5	0			
15	16QAM	1	37	18.72	18.74	18.77					
15	16QAM	1	74	18.74	18.70	18.73					
15	16QAM	36	0	18.68	18.77	18.77					
15	16QAM	36	20	18.70	18.73	18.69	19.5	0			
15	16QAM	36	39	18.66	18.82	18.80					
15	16QAM	75	0	18.72	18.76	18.74					
15	64QAM	1	0	18.71	18.84	18.69					
15	64QAM	1	37	18.74	18.81	18.72	19.5	0			
15	64QAM	1	74	18.70	18.79	18.82					
15	64QAM	36	0	18.67	18.77	18.76					
15	64QAM	36	20	18.66	18.76	18.69	19.5	0			
15	64QAM	36	39	18.69	18.76	18.81					
15	64QAM	75	0	18.78	18.77	18.71					
Channel				37800	38000	38200					
Frequency (MHz)				2575	2595	2615					
10	QPSK	1	0	18.71	18.74	18.78	19.5	0			
10	QPSK	1	25	18.69	18.71	18.68					
10	QPSK	1	49	18.66	18.71	18.77					
10	QPSK	25	0	18.69	18.78	18.68					
10	QPSK	25	12	18.76	18.74	18.78	19.5	0			
10	QPSK	25	25	18.72	18.82	18.71					
10	QPSK	50	0	18.73	18.73	18.68					
10	16QAM	1	0	18.76	18.71	18.81	19.5	0			
10	16QAM	1	25	18.66	18.74	18.82					
10	16QAM	1	49	18.67	18.74	18.71					
10	16QAM	25	0	18.77	18.81	18.73					
10	16QAM	25	12	18.68	18.70	18.78	19.5	0			
10	16QAM	25	25	18.74	18.78	18.77					
10	16QAM	50	0	18.67	18.75	18.77					
10	64QAM	1	0	18.71	18.73	18.79	19.5	0			
10	64QAM	1	25	18.75	18.71	18.79					
10	64QAM	1	49	18.76	18.83	18.69					
10	64QAM	25	0	18.73	18.80	18.81					
10	64QAM	25	12	18.78	18.81	18.70	19.5	0			
10	64QAM	25	25	18.79	18.84	18.70					
10	64QAM	50	0	18.66	18.77	18.74					
Channel				37775	38000	38225					
Frequency (MHz)				2572.5	2595	2617.5					
5	QPSK	1	0	18.68	18.76	18.80	19.5	0			
5	QPSK	1	12	18.66	18.76	18.75					
5	QPSK	1	24	18.74	18.73	18.68					
5	QPSK	12	0	18.70	18.79	18.74					
5	QPSK	12	7	18.79	18.76	18.78	19.5	0			
5	QPSK	12	13	18.66	18.73	18.69					
5	QPSK	25	0	18.70	18.82	18.77					
5	16QAM	1	0	18.74	18.73	18.79	19.5	0			
5	16QAM	1	12	18.70	18.76	18.74					
5	16QAM	1	24	18.68	18.79	18.74					
5	16QAM	12	0	18.79	18.82	18.73					
5	16QAM	12	7	18.74	18.75	18.82	19.5	0			
5	16QAM	12	13	18.76	18.71	18.73					
5	16QAM	25	0	18.75	18.72	18.73					
5	64QAM	1	0	18.75	18.75	18.68	19.5	0			
5	64QAM	1	12	18.70	18.81	18.76					
5	64QAM	1	24	18.78	18.79	18.68					
5	64QAM	12	0	18.75	18.81	18.75					
5	64QAM	12	7	18.73	18.71	18.71	19.5	0			
5	64QAM	12	13	18.78	18.77	18.79					
5	64QAM	25	0	18.67	18.72	18.68					

Band 38_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	18.20	18.20	18.20	19	0	
20	QPSK	1	49	18.12	18.21	18.21			
20	QPSK	1	99	18.23	18.16	18.15			
20	QPSK	50	0	18.25	18.27	18.23			
20	QPSK	50	24	18.23	18.25	18.12	19	0	
20	QPSK	50	50	18.15	18.26	18.09			
20	QPSK	100	0	18.23	18.26	18.21			
20	16QAM	1	0	18.15	18.16	18.19	19	0	
20	16QAM	1	49	18.22	18.22	18.18			
20	16QAM	1	99	18.16	18.12	18.17			
20	16QAM	50	0	18.11	18.24	18.22			
20	16QAM	50	24	18.17	18.24	18.17	19	0	
20	16QAM	50	50	18.13	18.15	18.09			
20	16QAM	100	0	18.12	18.22	18.19			
20	64QAM	1	0	18.23	18.25	18.12	19	0	
20	64QAM	1	49	18.12	18.22	18.21			
20	64QAM	1	99	18.16	18.18	18.11			
20	64QAM	50	0	18.11	18.26	18.12			
20	64QAM	50	24	18.17	18.25	18.19	19	0	
20	64QAM	50	50	18.11	18.17	18.13			
20	64QAM	100	0	18.22	18.23	18.16			
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	18.14	18.14	18.11	19	0	
15	QPSK	1	37	18.22	18.26	18.13			
15	QPSK	1	74	18.18	18.14	18.19			
15	QPSK	36	0	18.22	18.13	18.10			
15	QPSK	36	20	18.24	18.22	18.14	19	0	
15	QPSK	36	39	18.14	18.19	18.14			
15	QPSK	75	0	18.18	18.22	18.08			
15	16QAM	1	0	18.12	18.15	18.17	19	0	
15	16QAM	1	37	18.17	18.17	18.17			
15	16QAM	1	74	18.10	18.12	18.16			
15	16QAM	36	0	18.12	18.24	18.18			
15	16QAM	36	20	18.23	18.24	18.08	19	0	
15	16QAM	36	39	18.16	18.16	18.26			
15	16QAM	75	0	18.16	18.21	18.19			
15	64QAM	1	0	18.23	18.12	18.20	19	0	
15	64QAM	1	37	18.16	18.23	18.16			
15	64QAM	1	74	18.23	18.21	18.10			
15	64QAM	36	0	18.19	18.20	18.17			
15	64QAM	36	20	18.13	18.25	18.19	19	0	
15	64QAM	36	39	18.22	18.18	18.12			
15	64QAM	75	0	18.18	18.18	18.19			
Channel				37850	38000	38225			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	18.24	18.22	18.16	19	0	
10	QPSK	1	25	18.21	18.13	18.09			
10	QPSK	1	49	18.18	18.12	18.11			
10	QPSK	25	0	18.15	18.13	18.10			
10	QPSK	25	12	18.10	18.25	18.16	19	0	
10	QPSK	25	25	18.16	18.18	18.10			
10	QPSK	50	0	18.12	18.14	18.17			
10	16QAM	1	0	18.14	18.23	18.15	19	0	
10	16QAM	1	25	18.12	18.19	18.09			
10	16QAM	1	49	18.23	18.26	18.15			
10	16QAM	25	0	18.19	18.25	18.09			
10	16QAM	25	12	18.19	18.16	18.19	19	0	
10	16QAM	25	25	18.12	18.22	18.10			
10	16QAM	50	0	18.23	18.20	18.13			
10	64QAM	1	0	18.15	18.16	18.16	19	0	
10	64QAM	1	25	18.11	18.21	18.15			
10	64QAM	1	49	18.21	18.12	18.12			
10	64QAM	25	0	18.20	18.25	18.22			
10	64QAM	25	12	18.14	18.23	18.18	19	0	
10	64QAM	25	25	18.19	18.12	18.14			
10	64QAM	50	0	18.19	18.17	18.14			
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	18.12	18.23	18.17	19	0	
5	QPSK	1	12	18.16	18.15	18.21			
5	QPSK	1	25	18.16	18.18	18.20			
5	QPSK	12	0	18.17	18.19	18.12			
5	QPSK	12	7	18.12	18.19	18.17	19	0	
5	QPSK	12	13	18.24	18.18	18.15			
5	QPSK	25	0	18.17	18.16	18.18			
5	16QAM	1	1	18.20	18.21	18.19	19	0	
5	16QAM	1	12	18.21	18.15	18.11			
5	16QAM	1	24	18.13	18.24	18.18			
5	16QAM	12	0	18.18	18.24	18.12			
5	16QAM	12	7	18.20	18.24	18.12	19	0	
5	16QAM	12	13	18.17	18.22	18.08			
5	16QAM	25	0	18.10	18.14	18.12			
5	64QAM	1	0	18.11	18.17	18.19	19	0	
5	64QAM	1	12	18.23	18.16	18.16			
5	64QAM	1	24	18.19	18.19	18.09			
5	64QAM	12	0	18.18	18.23	18.20			
5	64QAM	12	7	18.24	18.12	18.20	19	0	
5	64QAM	12	13	18.19	18.16	18.12			
5	64QAM	25	0	18.24	18.21	18.22			

Band 41_Ant 3											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power Middle Ch. / Freq	Power High Middle Ch. / Freq	Power High Ch. / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel											
Frequency (MHz)				25070	25495	25920	26345	26770			
20	QPSK	1	0	15.33	15.06	15.01	15.08	15.10	17	0	
20	QPSK	1	49	16.28	15.96	15.87	15.89	16.03			
20	QPSK	1	99	16.27	15.94	15.88	15.85	16.07			
20	QPSK	50	0	16.31	15.93	15.90	15.85	15.98			
20	QPSK	50	50	16.17	15.91	15.86	15.91	16.02			
20	16QAM	1	0	16.25	16.04	15.88	15.93	15.98	17	0	
20	16QAM	1	49	16.27	16.02	15.99	15.86	16.04			
20	16QAM	1	99	16.17	15.94	15.85	15.83	16.01			
20	16QAM	50	0	16.24	15.94	15.97	15.88	15.98			
20	16QAM	50	24	16.17	15.94	15.86	15.92	16.02			
20	16QAM	50	50	16.28	15.94	15.95	15.86	16.06	17	0	
20	16QAM	100	0	16.22	15.94	15.95	15.81	16.07			
20	8QAM	1	0	16.24	15.95	15.93	15.91	15.93			
20	8QAM	1	49	16.16	15.99	15.98	15.81	16.05			
20	8QAM	1	99	16.25	15.93	15.99	15.84	16.06			
20	8QAM	50	0	16.16	15.91	15.91	15.84	16.06	17	0	
20	8QAM	50	24	16.26	15.93	15.95	15.89	16.06			
20	8QAM	50	50	16.17	15.93	15.89	15.84	15.93			
20	8QAM	100	0	16.20	15.92	15.85	15.82	16.06			
Channel											
Frequency (MHz)				2503.5	2546.3	2593	2637.8	2682.5			
15	QPSK	1	0	16.22	15.95	15.90	15.81	15.99	17	0	
15	QPSK	1	37	16.17	16.04	15.86	15.83	15.95			
15	QPSK	1	74	16.28	15.93	15.92	15.83	16.02			
15	QPSK	36	0	16.19	15.96	15.93	15.85	15.95			
15	QPSK	36	20	16.18	15.94	15.88	15.84	16.02			
15	QPSK	36	39	16.23	15.93	15.89	15.90	15.94	17	0	
15	QPSK	75	0	16.22	15.97	15.90	15.88	16.01			
15	16QAM	1	0	16.25	16.03	15.89	15.83	15.93			
15	16QAM	1	37	16.22	15.94	15.96	15.81	15.99			
15	16QAM	1	74	16.28	16.04	15.90	15.88	16.00			
15	16QAM	36	0	16.29	15.98	15.95	15.87	16.04	17	0	
15	16QAM	36	20	16.16	15.95	15.92	15.90	15.94			
15	16QAM	36	39	16.23	16.04	15.96	15.86	16.01			
15	16QAM	75	0	16.23	15.97	15.94	15.89	16.05			
15	8QAM	1	0	16.17	16.03	15.88	15.87	16.06			
15	8QAM	1	37	16.17	15.97	15.88	15.94	15.93	17	0	
15	8QAM	1	74	16.21	15.99	15.96	15.88	15.93			
15	8QAM	36	0	16.30	16.02	15.94	15.91	16.03			
15	8QAM	36	20	16.19	16.04	15.90	15.86	15.96			
15	8QAM	36	39	16.29	15.95	15.99	15.86	15.98			
15	8QAM	75	0	16.18	16.00	15.87	15.92	15.96	17	0	
Channel											
Frequency (MHz)				2591	2597	2593	2599	2605			
10	QPSK	1	0	16.20	15.95	15.93	15.91	16.00	17	0	
10	QPSK	1	25	16.19	16.04	15.94	15.81	15.97			
10	QPSK	1	49	16.19	15.98	15.88	15.87	15.98			
10	QPSK	25	0	16.28	16.00	15.85	15.81	15.97			
10	QPSK	25	12	16.29	16.03	15.86	15.90	16.00			
10	QPSK	25	25	16.10	15.97	15.94	15.86	16.03	17	0	
10	QPSK	50	0	16.24	15.97	15.89	15.85	16.03			
10	16QAM	1	0	16.22	15.94	15.96	15.81	15.94			
10	16QAM	1	25	16.17	15.96	15.97	15.94	16.01			
10	16QAM	1	49	16.24	16.00	15.93	15.93	15.99			
10	16QAM	25	0	16.22	15.92	15.91	15.86	16.03	17	0	
10	16QAM	25	12	16.29	16.01	15.90	15.94	15.94			
10	16QAM	25	25	16.26	16.01	15.92	15.84	15.97			
10	16QAM	50	0	16.30	15.91	15.90	15.81	16.02			
10	8QAM	1	0	16.28	16.02	15.95	15.83	16.05			
10	8QAM	1	25	16.28	15.92	15.90	15.88	15.98	17	0	
10	8QAM	1	49	16.17	16.03	15.97	15.95	15.95			
10	8QAM	25	0	16.24	15.95	15.92	15.94	15.96			
10	8QAM	25	12	16.28	16.02	15.97	15.91	15.99			
10	8QAM	25	25	16.18	15.92	15.87	15.92	16.03			
10	8QAM	50	0	16.24	15.93	15.92	15.81	15.94	17	0	
Channel											
Frequency (MHz)				26875	26935	26993	27053	27115			
5	QPSK	1	0	16.18	16.00	15.96	15.84	15.98	17	0	
5	QPSK	1	12	16.27	16.01	15.85	15.88	15.93			
5	QPSK	1	24	16.21	15.99	15.85	15.84	15.97			
5	QPSK	12	0	16.18	15.95	15.95	15.84	16.03			
5	QPSK	12	7	16.23	16.03	15.85	15.84	15.98			
5	QPSK	12	13	16.20	16.02	15.90	15.88	16.07	17	0	
5	QPSK	25	0	16.17	15.99	15.96	15.86	16.01			
5	16QAM	1	0	16.21	15.91	15.92	15.85	15.99			
5	16QAM	1	12	16.10	15.99	15.99	15.87	16.05			
5	16QAM	1	24	16.24	15.99	15.92	15.84	15.99			
5	16QAM	12	0	16.22	15.94	15.92	15.85	15.93	17	0	
5	16QAM	12	7	16.17	16.02	15.96	15.88	16.01			
5	16QAM	12	13	16.27	15.93	15.90	15.91	15.93			
5	16QAM	25	0	16.25	15.99	15.96	15.88	16.07			
5	16QAM	25	12	16.20	16.00	15.89	15.87	16.01			
5	8QAM	1	0	16.29	15.97	15.97	15.85	15.95	17	0	
5	8QAM	1	24	16.29	16.00	15.95	15.91	15.96			
5	8QAM	12	0	16.19	15.95	15.98	15.92	15.94			
5	8QAM	12	7	16.20	16.03	15.87	15.90	15.96			
5	8QAM	12	13	16.19	15.95	15.95	15.91	15.93			
5	8QAM	25	0	16.27	15.99	15.85	15.82	15.99	17	0	
Channel											
Frequency (MHz)				26975	27035	27093	27153	27215			
5	QPSK	1	0	16.14	16.04	15.92	15.86	15.91	16.5	0	
5	QPSK	1	12	16.84	15.84	15.82	15.58	15.61			
5	QPSK	1	24	15.98	15.87	15.90	15.48	15.52			
5	QPSK	12	0	15.95	15.80	15.44	15.47	15.51			
5	QPSK	12	7	15.60	15.51	15.53	15.43	15.51			
5	QPSK	12	13	15.55	15.53	15.42	15.53	15.55	16.5	0	
5	QPSK	25	0	15.96	15.82	15.51	15.51	15.58			
5	16QAM	1	0	16.21	15.91	15.92	15.50	15.61			
5	16QAM	1	12	15.53	15.50	15.54	15.57	15.60			
5	16QAM	1	24	15.55	15.62	15.51	15.46	15.48			
5	16QAM	12	0	15.62	15.53	15.42	15.52	15.62	16.5	0	
5	16QAM	12	7	15.61	15.55	15.51	15.54	15.55			
5	16QAM	12	13	15.68	15.55	15.44	15.45	15.54			
5	16QAM	25	0	15.62	15.57	15.47	15.52	15.48			
5	8QAM	1	0	15.65	15.63	15.43	15.47	15.49			
5	8QAM	1	12	15.54	15.58	15.47	15.47	15.49	16.5	0	
5	8QAM	1	24	15.58	15.60	15.54	15.49	15.49			
5	8QAM	12	0	15.67	15.55	15.53	15.57	15.49			
5	8QAM	12	7	15.67	15.61	15.46	15.45	15.62			
5	8QAM	12	13	15.54	15.58	15.47	15.47	15.49			

Reduced Power Mode for ECI 4

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.89	32.62	32.83	34.00	23.89	23.62	23.83	25.00
GPRS 1 Tx slot	32.87	32.60	32.81	34.00	23.87	23.60	23.81	25.00
GPRS 2 Tx slots	32.04	31.82	32.01	33.00	26.04	25.82	26.01	27.00
GPRS 3 Tx slots	30.43	30.18	30.40	31.00	26.17	25.92	26.14	26.74
GPRS 4 Tx slots	29.54	29.24	29.47	30.00	26.54	26.24	26.47	27.00
EDGE(GMSK 1 Tx slot)	32.84	32.56	32.83	34.00	23.84	23.56	23.83	25.00
EDGE(GMSK 2 Tx slot)	32.02	31.83	31.97	33.00	26.02	25.83	25.97	27.00
EDGE(GMSK 3 Tx slot)	30.40	30.13	30.37	31.00	26.14	25.87	26.11	26.74
EDGE(GMSK 4 Tx slot)	29.55	29.22	29.41	30.00	26.55	26.22	26.41	27.00
EDGE(8PSK 1 Tx slot)	26.51	26.52	26.52	27.50	17.51	17.52	17.52	18.50
EDGE(8PSK 2 Tx slot)	25.31	25.39	25.29	26.50	19.31	19.39	19.29	20.50
EDGE(8PSK 3 Tx slot)	23.19	23.30	23.21	24.50	18.93	19.04	18.95	20.24
EDGE(8PSK 4 Tx slot)	22.09	22.20	22.13	23.50	19.09	19.20	19.13	20.50

GSM1900_Ant 3	Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)				Tune-up Limit (dBm)
	TX Channel	512	661	810		512	661	810		
Frequency (MHz)		1850.2	1880	1909.8	31.00	1850.2	1880	1909.8		
GSM 1 Tx slot		30.21	30.25	30.33	31.00	21.21	21.25	21.33	22.00	
GPRS 1 Tx slot		30.19	30.22	30.29	31.00	21.19	21.22	21.29	22.00	
GPRS 2 Tx slots		29.33	29.29	29.41	30.00	23.33	23.29	23.41	24.00	
GPRS 3 Tx slots		27.31	27.27	27.42	28.00	23.05	23.01	23.16	23.74	
GPRS 4 Tx slots		26.12	26.11	26.22	27.00	23.12	23.11	23.22	24.00	
EDGE(GMSK 1 Tx slot)		30.22	30.23	30.31	31.00	21.22	21.23	21.31	22.00	
EDGE(GMSK 2 Tx slot)		29.31	29.34	29.44	30.00	23.31	23.34	23.44	24.00	
EDGE(GMSK 3 Tx slot)		27.30	27.32	27.43	28.00	23.04	23.06	23.17	23.74	
EDGE(GMSK 4 Tx slot)		26.12	26.13	26.25	27.00	23.12	23.13	23.25	24.00	
EDGE(8PSK 1 Tx slot)		25.34	25.30	25.32	26.50	16.34	16.30	16.32	17.50	
EDGE(8PSK 2 Tx slot)		24.27	24.15	24.24	25.50	18.27	18.15	18.24	19.50	
EDGE(8PSK 3 Tx slot)		22.05	22.00	22.02	23.50	17.79	17.74	17.78	19.24	
EDGE(8PSK 4 Tx slot)		20.90	20.78	20.86	22.50	17.90	17.78	17.86	19.50	

Band	WCDMA II_Ant 3				Tune-up Limit (dBm)	WCDMA II_Ant 1				Tune-up Limit (dBm)
	TX Channel	9262	9400	9538		9262	9400	9538		
	Rx Channel	9662	9800	9938		9662	9800	9938		
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6		
3GPP Rel 99	AMR 12.2Kbps	24.55	24.26	24.05	25.00	13.30	13.06	12.82	13.50	
3GPP Rel 99	AMR 12.2Kbps	24.58	24.28	24.06	25.00	13.33	13.08	12.85	13.50	
3GPP Rel 6	HSDPA Subtest-1	23.66	23.32	23.08	24.00	12.46	12.04	11.80	12.50	
3GPP Rel 6	HSDPA Subtest-2	23.64	23.27	23.11	24.00	12.38	11.94	11.76	12.50	
3GPP Rel 6	HSDPA Subtest-3	23.20	22.84	22.70	23.50	11.89	11.59	11.34	12.00	
3GPP Rel 6	HSDPA Subtest-4	23.15	22.81	22.64	23.50	11.83	11.49	11.38	12.00	
3GPP Rel 6	DC-HSDPA Subtest-1	23.58	23.21	23.06	24.00	12.28	11.81	11.71	12.50	
3GPP Rel 6	DC-HSDPA Subtest-2	23.63	23.13	23.10	24.00	12.28	12.00	11.77	12.50	
3GPP Rel 6	DC-HSDPA Subtest-3	23.12	22.72	22.65	23.50	11.82	11.48	11.23	12.00	
3GPP Rel 6	DC-HSDPA Subtest-4	23.10	22.76	22.57	23.50	11.83	11.47	11.18	12.00	
3GPP Rel 6	HSUPA Subtest-1	21.62	21.38	21.17	22.00	10.40	10.03	9.76	10.50	
3GPP Rel 6	HSUPA Subtest-2	21.68	21.41	21.13	22.00	10.30	10.05	9.89	10.50	
3GPP Rel 6	HSUPA Subtest-3	22.67	22.39	22.17	23.00	11.34	11.03	10.89	11.50	
3GPP Rel 6	HSUPA Subtest-4	21.19	20.92	20.65	21.50	9.83	9.49	9.34	10.00	
3GPP Rel 6	HSUPA Subtest-5	22.70	22.40	22.10	23.00	11.33	10.97	10.79	11.50	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.11	21.13	21.05	22.50	9.83	9.74	9.61	11.00	

Band	WCDMA V_Ant 0				Tune-up Limit (dBm)	WCDMA V_Ant 1			
	TX Channel	4132	4182	4233		4132	4182	4233	
	Rx Channel	4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.01	24.06	23.94	25.00	20.80	20.81	20.73	21.50
3GPP Rel 99	AMR 12.2Kbps	24.02	24.08	23.96	25.00	20.82	20.83	20.75	21.50
3GPP Rel 6	HSRPA Subtest-1	23.05	23.07	22.94	24.00	19.64	19.84	19.62	20.50
3GPP Rel 6	HSRPA Subtest-2	23.03	23.07	22.96	24.00	19.76	19.81	19.68	20.50
3GPP Rel 6	HSRPA Subtest-3	22.56	22.57	22.52	23.50	19.20	19.38	19.16	20.00
3GPP Rel 6	HSRPA Subtest-4	22.53	22.59	22.47	23.50	19.15	19.33	19.21	20.00
3GPP Rel 6	DC-HSDPA Subtest-1	23.03	23.05	22.82	24.00	19.69	19.87	19.57	20.50
3GPP Rel 6	DC-HSDPA Subtest-2	23.02	23.02	22.88	24.00	19.71	19.66	19.51	20.50
3GPP Rel 6	DC-HSDPA Subtest-3	22.52	22.53	22.39	23.50	19.20	19.35	19.12	20.00
3GPP Rel 6	DC-HSDPA Subtest-4	22.55	22.58	22.37	23.50	19.13	19.17	19.12	20.00
3GPP Rel 6	HSUPA Subtest-1	21.05	21.07	20.96	22.00	17.74	17.69	17.60	18.50
3GPP Rel 6	HSUPA Subtest-2	20.98	21.07	20.95	22.00	17.77	17.74	17.62	18.50
3GPP Rel 6	HSUPA Subtest-3	22.02	22.10	21.98	23.00	18.72	18.71	18.61	19.50
3GPP Rel 6	HSUPA Subtest-4	20.54	20.63	20.49	21.50	17.16	17.32	17.20	18.00
3GPP Rel 6	HSUPA Subtest-5	22.00	22.10	22.00	23.00	18.73	18.84	18.57	19.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.82	20.89	20.88	22.50	17.40	17.47	17.50	19.00

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	29.74	29.77	29.75	30.50	20.74	20.77	20.75	21.50
GPRS 1 Tx slot	29.73	29.75	29.73	30.50	20.73	20.75	20.73	21.50
GPRS 2 Tx slots	26.92	26.95	26.93	28.00	20.92	20.95	20.93	22.00
GPRS 3 Tx slots	24.92	24.97	24.95	26.00	20.66	20.71	20.69	21.74
GPRS 4 Tx slots	23.72	23.78	23.76	25.00	20.72	20.78	20.76	22.00
EDGE(GMSK 1 Tx slot)	29.60	29.68	29.63	30.50	20.60	20.68	20.63	21.50
EDGE(GMSK 2 Tx slot)	26.82	26.83	26.80	28.00	20.82	20.83	20.80	22.00
EDGE(GMSK 3 Tx slot)	24.84	24.94	24.80	26.00	20.58	20.68	20.54	21.74
EDGE(GMSK 4 Tx slot)	23.61	23.71	23.63	25.00	20.61	20.71	20.63	22.00
EDGE(8PSK 1 Tx slot)	25.75	25.78	25.70	27.00	16.75	16.78	16.70	18.00
EDGE(8PSK 2 Tx slot)	24.71	24.72	24.61	26.00	18.71	18.72	18.61	20.00
EDGE(8PSK 3 Tx slot)	22.64	22.59	22.49	24.00	18.38	18.33	18.23	19.74
EDGE(8PSK 4 Tx slot)	21.40	21.58	21.38	23.00	18.40	18.58	18.38	20.00

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up	
	TX Channel	512	661	810	Limit (dBm)	512	661	810	Limit (dBm)
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		23.80	23.87	23.85	24.00	14.80	14.87	14.85	15.00
GPRS 1 Tx slot		23.79	23.85	23.83	24.00	14.79	14.85	14.83	15.00
GPRS 2 Tx slots		20.49	20.41	20.40	21.00	14.49	14.41	14.40	15.00
GPRS 3 Tx slots		18.51	18.43	18.50	19.00	14.25	14.17	14.24	14.74
GPRS 4 Tx slots		17.13	17.25	17.24	18.00	14.13	14.25	14.24	15.00
EDGE(GMSK 1 Tx slot)		23.75	23.70	23.76	24.00	14.75	14.70	14.76	15.00
EDGE(GMSK 2 Tx slot)		20.30	20.35	20.46	21.00	14.30	14.35	14.46	15.00
EDGE(GMSK 3 Tx slot)		18.39	18.35	18.36	19.00	14.13	14.09	14.10	14.74
EDGE(GMSK 4 Tx slot)		17.13	17.04	17.08	18.00	14.13	14.04	14.08	15.00
EDGE(8PSK 1 Tx slot)		22.46	22.42	22.44	23.50	13.46	13.42	13.44	14.50
EDGE(8PSK 2 Tx slot)		19.37	19.39	19.49	20.50	13.37	13.39	13.49	14.50
EDGE(8PSK 3 Tx slot)		17.41	17.36	17.36	18.50	13.15	13.10	13.10	14.24
EDGE(8PSK 4 Tx slot)		15.75	15.81	15.88	17.50	12.75	12.81	12.88	14.50

Band	WCDMA IV_Ant 3				Tune-up Limit (dBm)	WCDMA IV_Ant 1				Tune-up Limit (dBm)
	TX Channel	1312	1413	1513		1312	1413	1513		
	Rx Channel	1537	1638	1738		1537	1638	1738		
	Frequency (MHz)	1712.4	1732.6	1752.6		1712.4	1732.6	1752.6		
3GPP Rel 99	AMR 12.2Kbps	23.78	23.87	23.92	25.00	17.15	17.25	17.37	18.50	
3GPP Rel 99	AMR 12.2Kbps	23.79	23.88	23.93	25.00	17.17	17.26	17.40	18.50	
3GPP Rel 6	HSDPA Subtest-1	22.76	23.05	23.15	24.00	16.48	16.59	16.77	17.50	
3GPP Rel 6	HSDPA Subtest-2	22.75	23.07	23.17	24.00	16.55	16.61	16.87	17.50	
3GPP Rel 6	HSDPA Subtest-3	22.30	22.56	22.71	23.50	15.96	16.11	16.29	17.00	
3GPP Rel 6	HSDPA Subtest-4	22.25	22.53	22.70	23.50	15.92	16.12	16.33	17.00	
3GPP Rel 6	DC-HSDPA Subtest-1	22.75	23.03	23.14	24.00	16.43	16.53	16.65	17.50	
3GPP Rel 6	DC-HSDPA Subtest-2	22.67	23.06	23.07	24.00	16.46	16.52	16.81	17.50	
3GPP Rel 6	DC-HSDPA Subtest-3	22.28	22.55	22.60	23.50	15.92	16.06	16.27	17.00	
3GPP Rel 6	DC-HSDPA Subtest-4	22.19	22.51	22.57	23.50	15.84	16.03	16.23	17.00	
3GPP Rel 6	HSUPA Subtest-1	20.81	21.07	21.15	22.00	14.50	14.55	14.82	15.50	
3GPP Rel 6	HSUPA Subtest-2	20.75	21.07	21.15	22.00	14.52	14.56	14.89	15.50	
3GPP Rel 6	HSUPA Subtest-3	21.79	22.10	22.15	23.00	15.51	15.64	15.91	16.50	
3GPP Rel 6	HSUPA Subtest-4	20.29	20.59	20.64	21.50	13.98	14.09	14.41	15.00	
3GPP Rel 6	HSUPA Subtest-5	21.80	22.10	22.10	23.00	15.58	15.68	15.88	16.50	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.78	20.88	20.75	22.50	14.69	14.71	14.74	16.00	

Band 2_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	23.44	23.50	23.29	24.2	0		
20	QPSK	1	49	22.77	23.34	23.22				
20	QPSK	1	99	23.02	23.08	23.13				
20	QPSK	50	0	22.39	22.48	22.25	23.2	1		
20	QPSK	50	24	22.00	22.22	22.11				
20	QPSK	50	50	21.93	21.98	22.01				
20	QPSK	100	0	22.14	22.14	22.12	23.2	1		
20	16QAM	1	0	22.76	22.42	22.57				
20	16QAM	1	49	22.07	22.56	22.44				
20	16QAM	1	99	22.34	22.40	22.42	22.2	2		
20	16QAM	50	0	21.31	21.39	21.08				
20	16QAM	50	24	21.00	21.23	21.11				
20	16QAM	50	50	20.93	20.95	21.04	22.2	2		
20	16QAM	100	0	21.12	21.12	21.12				
20	64QAM	1	0	21.61	21.22	21.51				
20	64QAM	1	49	20.95	21.57	21.30	21.2	3		
20	64QAM	1	99	21.20	21.20	21.34				
20	64QAM	50	0	20.32	20.37	20.05				
20	64QAM	50	24	20.02	20.22	20.12	21.2	3		
20	64QAM	50	50	19.94	19.96	20.01				
20	64QAM	100	0	20.15	20.15	20.00				
Channel				18675	18800	19125	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	1890	1902.5				
15	QPSK	1	0	23.33	23.43	23.23	24.2	0		
15	QPSK	1	37	22.69	23.30	23.20				
15	QPSK	1	74	22.97	23.01	23.10				
15	QPSK	36	0	22.28	22.39	22.19	23.2	1		
15	QPSK	36	20	21.87	22.12	22.06				
15	QPSK	36	39	21.89	21.89	22.00				
15	QPSK	75	0	22.04	22.05	21.89	23.2	1		
15	16QAM	1	0	22.72	22.32	22.54				
15	16QAM	1	37	21.94	22.32	22.42				
15	16QAM	1	74	22.32	22.31	22.29	22.2	2		
15	16QAM	36	0	21.26	21.25	20.95				
15	16QAM	36	20	20.97	21.09	21.10				
15	16QAM	36	39	20.84	20.85	20.91	21.2	2		
15	16QAM	75	0	20.98	21.04	20.98				
15	64QAM	1	0	21.60	21.15	21.47				
15	64QAM	1	37	20.89	21.47	21.21	22.2	2		
15	64QAM	1	74	21.14	21.19	21.25				
15	64QAM	36	0	20.23	20.36	20.02				
15	64QAM	36	20	19.92	20.08	19.97	21.2	3		
15	64QAM	36	39	19.81	19.84	19.97				
15	64QAM	75	0	20.00	20.12	19.96				
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	0	23.38	23.42	23.27	24.2	0		
10	QPSK	1	25	22.63	23.33	23.20				
10	QPSK	1	49	22.88	23.00	23.05				
10	QPSK	25	0	22.32	22.46	22.22	23.2	1		
10	QPSK	25	12	21.87	22.15	22.09				
10	QPSK	25	25	21.78	21.88	21.96				
10	QPSK	50	0	22.00	22.08	22.00	23.2	1		
10	16QAM	1	0	22.61	22.32	22.47				
10	16QAM	1	25	22.00	22.50	22.41				
10	16QAM	1	49	22.22	22.31	22.33	22.2	2		
10	16QAM	25	0	21.30	21.29	21.04				
10	16QAM	25	12	20.99	21.14	21.07				
10	16QAM	25	25	20.80	20.86	21.03	22.2	2		
10	16QAM	50	0	20.97	21.06	20.90				
10	16QAM	50	12	20.87	21.02	21.06				
10	64QAM	1	0	21.59	21.21	21.36	22.2	2		
10	64QAM	1	25	20.81	21.49	21.15				
10	64QAM	1	49	21.14	21.19	21.29				
10	64QAM	25	0	20.17	20.22	19.97	21.2	3		
10	64QAM	25	12	19.95	20.14	19.97				
10	64QAM	25	25	19.83	19.94	19.88				
10	64QAM	50	0	20.13	20.12	19.98	Tune-up limit (dBm)	MPR (dB)		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	0	23.39	23.43	23.18	24.2	0		
5	QPSK	1	12	22.71	23.30	23.07				
5	QPSK	1	24	23.01	23.00	23.03				
5	QPSK	12	0	22.31	22.33	22.17	23.2	1		
5	QPSK	12	7	21.86	22.18	21.98				
5	QPSK	12	13	21.91	21.93	21.90				
5	QPSK	25	0	22.04	22.03	21.96	23.2	1		
5	16QAM	1	0	22.71	22.29	22.51				
5	16QAM	1	12	21.96	22.33	22.33				
5	16QAM	1	24	22.25	22.33	22.29	22.2	2		
5	16QAM	12	0	21.18	21.32	20.96				
5	16QAM	12	7	20.97	21.21	21.00				
5	16QAM	12	13	20.81	20.84	20.95	22.2	2		
5	16QAM	25	0	21.06	21.11	20.89				
5	64QAM	1	0	21.48	21.10	21.46				
5	64QAM	1	12	20.86	21.55	21.16	22.2	2		
5	64QAM	1	24	21.09	21.07	21.29				
5	64QAM	12	0	20.26	20.30	20.04				
5	64QAM	12	7	19.96	20.08	20.05	21.2	3		
5	64QAM	12	13	19.88	19.86	19.91				
5	64QAM	25	0	20.01	20.07	19.85				
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1851.5	1880	1908.5				
3	QPSK	1	0	23.40	23.39	23.18	24.2	0		
3	QPSK	1	8	22.69	23.27	23.20				
3	QPSK	1	14	22.95	23.04	23.00				
3	QPSK	8	0	22.25	22.39	22.24	23.2	1		
3	QPSK	8	4	21.98	22.13	21.99				
3	QPSK	8	7	21.83	21.86	21.98				
3	QPSK	15	0	22.00	22.01	21.88	23.2	1		
3	16QAM	1	0	22.73	22.34	22.48				
3	16QAM	1	8	22.02	22.55	22.41				
3	16QAM	1	14	22.20	22.35	22.31	22.2	2		
3	16QAM	8	0	21.20	21.34	20.98				
3	16QAM	8	4	20.94	21.12	21.01				
3	16QAM	8	7	20.85	20.88	20.94	22.2	2		
3	16QAM	15	0	21.06	21.00	20.95				
3	64QAM	1	0	21.49	21.19	21.26				
3	64QAM	1	8	20.83	21.50	21.28	22.2	2		
3	64QAM	1	14	21.15	21.06	21.25				
3	64QAM	8	0	20.26	20.28	20.00				
3	64QAM	8	4	19.93	20.18	20.07	21.2	3		
3	64QAM	8	7	19.86	19.83	19.95				
3	64QAM	15	0	20.11	20.03	19.92				
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	1880	1909.3				
1.4	QPSK	1	0	23.35	23.43	23.18	24.2	0		
1.4	QPSK	1	3	22.67	23.25	23.23				
1.4	QPSK	1	3	22.94	22.94	23.09				
1.4	QPSK	3	0	23.36	23.49	23.19	23.2	1		
1.4	QPSK	3	1	22.74	23.30	23.16				
1.4	QPSK	3	3	22.98	22.96	23.03				
1.4	QPSK	6	0	22.29	22.43	22.29	23.2	1		
1.4	16QAM	1	0	21.90	21.25	22.07				
1.4	16QAM	1	3	21.80	21.89	21.94				
1.4	16QAM	1	6	22.08	22.04	21.95	23.2	1		
1.4	16QAM	1	3	22.73	22.37	22.37				
1.4	16QAM	3	1	22.01	22.54	22.30				
1.4	16QAM	3	3	22.22	22.32	22.36	22.2	2		
1.4	16QAM	6	0	21.17	21.26	21.02				
1.4	64QAM	1	0	20.87	21.20	21.05				
1.4	64QAM	1	3	20.80	20.92	20.96	22.2	2		
1.4	64QAM	1	5	20.97	21.04	20.90				
1.4	64QAM	3	0	21.58	21.10	21.42				
1.4	64QAM	3	3	20.87	21.53	21.21	21.2	3		
1.4	64QAM	3	3	21.19	21.08	21.30				
1.4	64QAM	6	0	20.29	20.32	19.91				

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	23.40	23.49	23.47	24.8	0		
20	QPSK	1	49	23.16	23.24	23.26				
20	QPSK	1	99	23.18	23.20	23.27				
20	QPSK	50	0	22.36	22.49	22.45	23.8	1		
20	QPSK	50	24	22.25	22.26	22.38				
20	QPSK	50	50	22.18	22.27	22.38				
20	QPSK	100	0	22.17	22.45	22.34	23.8	1		
20	16QAM	1	0	22.33	22.58	22.63				
20	16QAM	1	49	22.56	22.55	22.69				
20	16QAM	1	99	22.51	22.53	22.65	22.8	2		
20	16QAM	50	0	21.17	21.30	21.28				
20	16QAM	50	24	21.18	21.27	21.34				
20	16QAM	50	50	21.19	21.27	21.37	21.8	3		
20	16QAM	100	0	21.15	21.26	21.27				
20	64QAM	1	0	21.20	21.52	21.51				
20	64QAM	1	49	21.43	21.38	21.37	22.8	2		
20	64QAM	1	99	21.27	21.39	21.62				
20	64QAM	50	0	20.16	20.26	20.26				
20	64QAM	50	24	20.19	20.24	20.34	21.8	3		
20	64QAM	50	50	20.16	20.25	20.34				
20	64QAM	100	0	20.13	20.27	20.27				
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1732.5	1747.5				
15	QPSK	1	0	23.30	23.38	23.40	24.8	0		
15	QPSK	1	37	23.10	23.18	23.11				
15	QPSK	1	74	23.15	23.12	23.29				
15	QPSK	36	0	22.26	22.36	22.32	23.8	1		
15	QPSK	36	20	22.22	22.23	22.26				
15	QPSK	36	39	22.05	22.26	22.33				
15	QPSK	75	0	22.08	22.33	22.32	23.8	1		
15	16QAM	1	0	22.25	22.44	22.57				
15	16QAM	1	37	22.48	22.50	22.57				
15	16QAM	1	74	22.43	22.48	22.66	22.8	2		
15	16QAM	36	0	21.11	21.17	21.20				
15	16QAM	36	20	21.15	21.23	21.27				
15	16QAM	36	39	21.18	21.24	21.27	21.8	3		
15	16QAM	75	0	21.10	21.25	21.23				
15	64QAM	1	0	21.16	21.38	21.38				
15	64QAM	1	37	21.37	21.37	21.25	22.8	2		
15	64QAM	1	74	21.17	21.32	21.56				
15	64QAM	36	0	20.07	20.20	20.12				
15	64QAM	36	20	20.16	20.12	20.29	21.8	3		
15	64QAM	36	39	20.08	20.16	20.20				
15	64QAM	75	0	20.04	20.14	20.23				
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715 <th>1732.5</th> <th>1750</th> <th></th> <th></th>	1732.5	1750				
10	QPSK	1	0	23.30	23.44	23.44	24.8	0		
10	QPSK	1	25	23.06	23.09	23.12				
10	QPSK	1	49	23.04	23.05	23.22				
10	QPSK	25	0	22.35	22.35	22.33	23.8	1		
10	QPSK	25	12	22.12	22.24	22.25				
10	QPSK	25	25	22.11	22.14	22.27				
10	QPSK	50	0	22.08	22.43	22.23	23.8	1		
10	16QAM	1	0	22.30	22.54	22.52				
10	16QAM	1	25	22.43	22.46	22.51				
10	16QAM	1	49	22.50	22.43	22.55	22.8	2		
10	16QAM	25	0	21.05	21.23	21.27				
10	16QAM	25	12	21.05	21.14	21.23				
10	16QAM	25	25	21.17	21.24	21.30	22.8	2		
10	16QAM	50	0	21.05	21.14	21.26				
10	64QAM	1	0	21.15	21.46	21.35				
10	64QAM	1	25	21.35	21.23	21.34	22.8	2		
10	64QAM	1	49	21.16	21.31	21.54				
10	64QAM	25	0	20.11	20.24	20.25				
10	64QAM	25	12	20.16	20.22	20.22	21.8	3		
10	64QAM	25	25	20.15	20.24	20.31				
10	64QAM	50	0	19.98	20.25	20.21				
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1732.5	1752.5				
5	QPSK	1	0	23.28	23.46	23.36	24.8	0		
5	QPSK	1	12	23.08	23.10	23.22				
5	QPSK	1	24	23.11	23.16	23.26				
5	QPSK	12	0	22.30	22.35	22.32	23.8	1		
5	QPSK	12	7	22.14	22.20	22.32				
5	QPSK	12	13	22.11	22.19	22.37				
5	QPSK	25	0	22.13	22.39	22.26	23.8	1		
5	16QAM	1	0	22.27	22.49	22.58				
5	16QAM	1	12	22.44	22.51	22.61				
5	16QAM	1	24	22.36	22.44	22.61	22.8	2		
5	16QAM	12	0	21.10	21.18	21.15				
5	16QAM	12	7	21.13	21.22	21.32				
5	16QAM	12	13	21.07	21.23	21.27	22.8	2		
5	16QAM	25	0	21.08	21.20	21.23				
5	64QAM	1	0	21.17	21.43	21.39				
5	64QAM	1	12	21.34	21.29	21.23	22.8	2		
5	64QAM	1	24	21.17	21.30	21.55				
5	64QAM	12	0	20.08	20.12	20.22				
5	64QAM	12	7	20.09	20.19	20.28	21.8	3		
5	64QAM	12	13	20.10	20.24	20.29				
5	64QAM	25	0	20.04	20.15	20.23				
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1732.5	1753.5				
3	QPSK	1	0	23.34	23.37	23.35	24.8	0		
3	QPSK	1	8	23.12	23.20	23.14				
3	QPSK	1	14	23.10	23.17	23.28				
3	QPSK	8	0	22.30	22.46	22.38	23.8	1		
3	QPSK	8	4	22.23	22.23	22.33				
3	QPSK	8	7	22.07	22.21	22.26				
3	QPSK	15	0	22.09	22.33	22.24	23.8	1		
3	16QAM	1	0	22.19	22.52	22.58				
3	16QAM	1	8	22.45	22.54	22.58				
3	16QAM	1	14	22.50	22.38	22.59	22.8	2		
3	16QAM	8	0	21.08	21.15	21.16				
3	16QAM	8	4	21.03	21.25	21.26				
3	16QAM	8	7	21.07	21.23	21.33	22.8	2		
3	16QAM	15	0	21.05	21.23	21.24				
3	64QAM	1	0	21.10	21.50	21.50				
3	64QAM	1	8	21.34	21.23	21.27	22.8	2		
3	64QAM	1	14	21.16	21.32	21.48				
3	64QAM	8	0	20.12	20.21	20.14				
3	64QAM	8	4	20.18	20.12	20.26	21.8	3		
3	64QAM	8	7	20.03	20.22	20.29				
3	64QAM	15	0	20.09	20.21	20.17				
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1732.5	1754.3				
1.4	QPSK	1	0	23.26	23.39	23.35	24.8	0		
1.4	QPSK	1	3	23.12	23.22	23.11				
1.4	QPSK	1	5	23.11	23.12	23.26				
1.4	QPSK	3	0	23.07	23.17	23.14	23.8	1		
1.4	QPSK	3	1	23.06	23.22	23.22				
1.4	QPSK	3	3	23.03	23.15	23.35				
1.4	QPSK	6	0	22.35	22.37	22.38	23.8	1		
1.4	16QAM	1	0	22.19	22.16	22.25				
1.4	16QAM	1	3	22.16	22.22	22.26				
1.4	16QAM	1	5	22.02	22.31	22.27	23.8	1		
1.4	16QAM	3	0	22.25	22.21	22.52				
1.4	16QAM	3	2	22.53	23.40	22.57				
1.4	16QAM	3	3	22.41	22.44	22.63	22.8	2		
1.4	64QAM	1	0	21.13	21.14	21.24				
1.4	64QAM	1	3	21.18	21.23	21.33				
1.4	64QAM	1	5	21.13	21.22	21.25	22.8	2		
1.4	64QAM	3	0	21.15	21.49	21.42				
1.4	64QAM	3	1	21.39	21.31	21.35				
1.4	64QAM	3	2	21.13	21.34	21.33	21.8	3		
1.4	64QAM	6	0	20.03	20.19	20.14				

Band 5_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				20450	20525	20600					
Frequency (MHz)				829	836.5	844					
10	QPSK	1	0	23.80	23.82	23.81	25	0			
10	QPSK	1	25	23.66	23.76	23.72					
10	QPSK	1	49	23.79	23.70	23.71					
10	QPSK	25	0	22.80	22.84	22.76					
10	QPSK	25	12	22.69	22.77	22.73	24	1			
10	QPSK	25	25	22.70	22.79	22.70					
10	QPSK	50	0	22.73	22.80	22.73					
10	16QAM	1	0	23.06	23.00	23.07					
10	16QAM	1	25	22.88	23.04	23.01	24	1			
10	16QAM	1	49	23.09	23.01	22.95					
10	16QAM	25	0	21.69	21.80	21.75					
10	16QAM	25	12	21.68	21.79	21.70					
10	16QAM	25	25	21.77	21.76	21.67	23	2			
10	16QAM	50	0	21.72	21.77	21.72					
10	64QAM	1	0	21.91	21.96	22.00					
10	64QAM	1	25	21.79	21.92	21.84					
10	64QAM	1	49	21.93	21.97	21.80	23	2			
10	64QAM	25	0	20.70	20.80	20.75					
10	64QAM	25	12	20.67	20.78	20.73					
10	64QAM	25	25	20.79	20.80	20.69					
10	64QAM	50	0	20.74	20.77	20.75	22	3			
Channel				20425	20525	20625					
Frequency (MHz)				826.5	836.5	846.5					
5	QPSK	1	0	23.76	23.67	23.70				25	0
5	QPSK	1	12	23.65	23.72	23.57					
5	QPSK	1	24	23.78	23.67	23.65					
5	QPSK	12	0	22.78	22.79	22.70					
5	QPSK	12	7	22.68	22.71	22.70	24	1			
5	QPSK	12	13	22.58	22.71	22.63					
5	QPSK	25	0	22.65	22.73	22.71					
5	16QAM	1	0	22.93	22.92	23.01					
5	16QAM	1	12	22.73	23.03	22.94	24	1			
5	16QAM	1	24	23.07	22.95	22.90					
5	16QAM	12	0	21.57	21.76	21.73					
5	16QAM	12	7	21.64	21.78	21.64					
5	16QAM	12	13	21.63	21.62	21.54	23	2			
5	16QAM	25	0	21.69	21.64	21.60					
5	64QAM	1	0	21.81	21.85	21.87					
5	64QAM	1	12	21.70	21.79	21.71					
5	64QAM	1	24	21.90	21.86	21.72	22	3			
5	64QAM	12	0	20.62	20.79	20.61					
5	64QAM	12	7	20.55	20.72	20.60					
5	64QAM	12	13	20.77	20.67	20.62					
5	64QAM	25	0	20.68	20.72	20.67	Tune-up limit (dBm)		MPR (dB)		
Channel				20415	20525	20635					
Frequency (MHz)				825.5	836.5	847.5					
3	QPSK	1	0	23.73	23.81	23.67	25	0			
3	QPSK	1	8	23.64	23.61	23.59					
3	QPSK	1	14	23.67	23.62	23.68					
3	QPSK	8	0	22.76	22.77	22.63					
3	QPSK	8	4	22.65	22.64	22.68	24	1			
3	QPSK	8	7	22.67	22.64	22.55					
3	QPSK	15	0	22.58	22.72	22.70					
3	16QAM	1	0	22.91	22.96	23.06					
3	16QAM	1	8	22.83	23.03	22.90	24	1			
3	16QAM	1	14	22.96	22.99	22.85					
3	16QAM	8	0	21.57	21.73	21.64					
3	16QAM	8	4	21.57	21.67	21.59					
3	16QAM	8	7	21.76	21.75	21.59	23	2			
3	16QAM	15	0	21.61	21.63	21.57					
3	64QAM	1	0	21.89	21.85	21.97					
3	64QAM	1	8	21.65	21.91	21.77					
3	64QAM	1	14	21.78	21.94	21.74	23	2			
3	64QAM	8	0	20.58	20.74	20.60					
3	64QAM	8	4	20.56	20.72	20.69					
3	64QAM	8	7	20.70	20.77	20.62					
3	64QAM	15	0	20.69	20.70	20.65	Tune-up limit (dBm)		MPR (dB)		
Channel				20407	20525	20643					
Frequency (MHz)				824.7	836.5	848.3					
1.4	QPSK	1	0	23.74	23.67	23.75	25	0			
1.4	QPSK	1	3	23.59	23.71	23.61					
1.4	QPSK	1	5	23.64	23.55	23.61					
1.4	QPSK	3	0	23.71	23.81	23.75					
1.4	QPSK	3	1	23.52	23.63	23.65	24	1			
1.4	QPSK	3	3	23.64	23.60	23.67					
1.4	QPSK	6	0	22.76	22.70	22.67					
1.4	16QAM	1	0	22.64	22.73	22.72					
1.4	16QAM	1	3	22.68	22.77	22.55	24	1			
1.4	16QAM	1	5	22.65	22.77	22.67					
1.4	16QAM	3	0	22.96	22.86	22.99					
1.4	16QAM	3	1	22.73	22.97	22.97					
1.4	16QAM	3	3	23.07	22.97	22.80	23	2			
1.4	16QAM	6	0	21.62	21.68	21.66					
1.4	64QAM	1	0	21.64	21.76	21.64					
1.4	64QAM	1	3	21.70	21.72	21.54					
1.4	64QAM	1	5	21.63	21.71	21.57	23	2			
1.4	64QAM	3	0	21.78	21.90	21.90					
1.4	64QAM	3	1	21.76	21.91	21.78					
1.4	64QAM	3	3	21.83	21.85	21.65					
1.4	64QAM	6	0	20.60	20.77	20.65	22	3			

Band 5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	20.46	20.50	20.48	21.2	0	
10	QPSK	1	25	20.35	20.40	20.41			
10	QPSK	1	49	20.32	20.38	20.31			
10	QPSK	25	0	20.45	20.48	20.46			
10	QPSK	25	12	20.42	20.45	20.44	21.2	0	
10	QPSK	25	25	20.30	20.45	20.43			
10	QPSK	50	0	20.43	20.46	20.45			
10	16QAM	1	0	20.37	20.47	20.33			
10	16QAM	1	25	20.44	20.39	20.36	21.2	0	
10	16QAM	1	49	20.40	20.44	20.41			
10	16QAM	25	0	20.34	20.36	20.38			
10	16QAM	25	12	20.33	20.36	20.43			
10	16QAM	25	25	20.39	20.40	20.37	21.2	0	
10	16QAM	50	0	20.37	20.46	20.36			
10	64QAM	1	0	20.37	20.38	20.41			
10	64QAM	1	25	20.35	20.44	20.34			
10	64QAM	1	49	20.40	20.40	20.45	21.2	0	
10	64QAM	25	0	20.33	20.33	20.42			
10	64QAM	25	12	20.36	20.41	20.33			
10	64QAM	25	25	20.37	20.37	20.42			
10	64QAM	50	0	20.39	20.35	20.31	Tune-up limit (dBm)		MPR (dB)
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	20.38	20.39	20.31	21.2	0	
5	QPSK	1	12	20.42	20.41	20.37			
5	QPSK	1	24	20.38	20.42	20.34			
5	QPSK	12	0	20.30	20.41	20.39			
5	QPSK	12	7	20.33	20.40	20.37	21.2	0	
5	QPSK	12	13	20.33	20.37	20.36			
5	QPSK	25	0	20.38	20.33	20.42			
5	16QAM	1	0	20.31	20.43	20.34			
5	16QAM	1	12	20.38	20.45	20.39	21.2	0	
5	16QAM	1	24	20.38	20.39	20.38			
5	16QAM	12	0	20.41	20.36	20.39			
5	16QAM	12	7	20.36	20.43	20.45			
5	16QAM	12	13	20.34	20.42	20.37	21.2	0	
5	16QAM	25	0	20.42	20.33	20.37			
5	64QAM	1	0	20.44	20.38	20.39			
5	64QAM	1	12	20.43	20.39	20.45			
5	64QAM	1	24	20.42	20.35	20.36	21.2	0	
5	64QAM	12	0	20.42	20.44	20.43			
5	64QAM	12	7	20.30	20.39	20.33			
5	64QAM	12	13	20.30	20.44	20.38			
5	64QAM	25	0	20.36	20.39	20.39	Tune-up limit (dBm)		MPR (dB)
Channel				20415	20525	20635			
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	20.39	20.37	20.34	21.2	0	
3	QPSK	1	8	20.39	20.37	20.41			
3	QPSK	1	14	20.35	20.40	20.36			
3	QPSK	8	0	20.41	20.46	20.45			
3	QPSK	8	4	20.41	20.37	20.34	21.2	0	
3	QPSK	8	7	20.32	20.41	20.44			
3	QPSK	15	0	20.32	20.34	20.36			
3	16QAM	1	0	20.40	20.35	20.38			
3	16QAM	1	8	20.44	20.39	20.32	21.2	0	
3	16QAM	1	14	20.41	20.41	20.34			
3	16QAM	8	0	20.42	20.42	20.44			
3	16QAM	8	4	20.32	20.41	20.37			
3	16QAM	8	7	20.37	20.37	20.38	21.2	0	
3	16QAM	15	0	20.41	20.40	20.44			
3	64QAM	1	0	20.31	20.39	20.31			
3	64QAM	1	8	20.42	20.40	20.31			
3	64QAM	1	14	20.30	20.40	20.40	21.2	0	
3	64QAM	8	0	20.43	20.43	20.40			
3	64QAM	8	4	20.35	20.41	20.38			
3	64QAM	8	7	20.41	20.37	20.36			
3	64QAM	15	0	20.43	20.46	20.36	Tune-up limit (dBm)		MPR (dB)
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	20.43	20.43	20.32	21.2	0	
1.4	QPSK	1	3	20.40	20.41	20.31			
1.4	QPSK	1	5	20.39	20.38	20.39			
1.4	QPSK	3	0	20.41	20.36	20.42			
1.4	QPSK	3	1	20.42	20.34	20.44	21.2	0	
1.4	QPSK	3	3	20.41	20.40	20.32			
1.4	QPSK	6	0	20.36	20.45	20.32			
1.4	16QAM	1	0	20.38	20.45	20.45			
1.4	16QAM	1	3	20.43	20.33	20.42	21.2	0	
1.4	16QAM	1	5	20.30	20.46	20.35			
1.4	16QAM	3	0	20.43	20.38	20.41			
1.4	16QAM	3	1	20.31	20.33	20.42			
1.4	16QAM	3	3	20.40	20.42	20.43	21.2	0	
1.4	16QAM	6	0	20.37	20.34	20.43			
1.4	64QAM	1	0	20.42	20.45	20.36			
1.4	64QAM	1	3	20.31	20.45	20.38			
1.4	64QAM	1	5	20.39	20.42	20.42	21.2	0	
1.4	64QAM	3	0	20.31	20.47	20.40			
1.4	64QAM	3	1	20.41	20.46	20.38			
1.4	64QAM	3	3	20.34	20.38	20.39			
1.4	64QAM	6	0	20.42	20.36	20.34	21.2	0	

Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	13.30	13.40	13.38	14.2	0	
20	QPSK	1	49	13.20	13.34	13.31			
20	QPSK	1	99	13.20	13.28	13.26			
20	QPSK	50	0	13.28	13.38	13.36	14.2	0	
20	QPSK	50	24	13.16	13.33	13.28			
20	QPSK	50	50	13.23	13.24	13.34			
20	QPSK	100	0	13.26	13.36	13.35	14.2	0	
20	16QAM	1	0	13.18	13.34	13.31			
20	16QAM	1	49	13.14	13.32	13.29			
20	16QAM	1	99	13.25	13.37	13.34	14.2	0	
20	16QAM	50	0	13.14	13.26	13.32			
20	16QAM	50	24	13.15	13.36	13.21			
20	16QAM	50	50	13.18	13.23	13.31	14.2	0	
20	16QAM	100	0	13.17	13.32	13.34			
20	16QAM	1	0	13.15	13.23	13.23			
20	64QAM	1	49	13.19	13.24	13.35	14.2	0	
20	64QAM	1	99	13.22	13.32	13.21			
20	64QAM	50	0	13.14	13.31	13.23			
20	64QAM	50	24	13.27	13.37	13.33	14.2	0	
20	64QAM	50	50	13.14	13.24	13.32			
20	64QAM	100	0	13.17	13.23	13.32			
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	13.15	13.35	13.35	14.2	0	
15	QPSK	1	37	13.13	13.30	13.29			
15	QPSK	1	74	13.22	13.36	13.25			
15	QPSK	36	0	13.22	13.35	13.28	14.2	0	
15	QPSK	36	20	13.24	13.25	13.24			
15	QPSK	36	39	13.15	13.28	13.29			
15	QPSK	75	0	13.17	13.34	13.35	14.2	0	
15	16QAM	1	0	13.13	13.26	13.27			
15	16QAM	1	37	13.26	13.37	13.35			
15	16QAM	1	74	13.24	13.33	13.25	14.2	0	
15	16QAM	36	0	13.14	13.24	13.30			
15	16QAM	36	20	13.27	13.27	13.32			
15	16QAM	36	39	13.24	13.23	13.25	14.2	0	
15	16QAM	75	0	13.13	13.34	13.27			
15	64QAM	1	0	13.13	13.37	13.28			
15	64QAM	1	37	13.19	13.37	13.34	14.2	0	
15	64QAM	1	74	13.19	13.33	13.27			
15	64QAM	36	0	13.22	13.37	13.32			
15	64QAM	36	20	13.13	13.26	13.22	14.2	0	
15	64QAM	36	39	13.14	13.37	13.33			
15	64QAM	75	0	13.22	13.37	13.23			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	13.26	13.33	13.26	14.2	0	
10	QPSK	1	25	13.16	13.24	13.25			
10	QPSK	1	49	13.24	13.27	13.35			
10	QPSK	25	0	13.24	13.33	13.25	14.2	0	
10	QPSK	25	12	13.18	13.37	13.23			
10	QPSK	25	25	13.20	13.28	13.22			
10	QPSK	50	0	13.25	13.32	13.21	14.2	0	
10	16QAM	1	0	13.24	13.34	13.28			
10	16QAM	1	25	13.21	13.36	13.27			
10	16QAM	1	49	13.14	13.23	13.29	14.2	0	
10	16QAM	25	0	13.27	13.29	13.28			
10	16QAM	25	12	13.27	13.37	13.31			
10	16QAM	25	25	13.16	13.34	13.23	14.2	0	
10	16QAM	50	0	13.13	13.23	13.24			
10	64QAM	1	0	13.20	13.26	13.33			
10	64QAM	1	25	13.27	13.25	13.34	14.2	0	
10	64QAM	1	49	13.23	13.31	13.24			
10	64QAM	25	0	13.13	13.34	13.33			
10	64QAM	25	12	13.25	13.25	13.26	14.2	0	
10	64QAM	25	25	13.14	13.26	13.28			
10	64QAM	50	0	13.20	13.26	13.21			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	13.20	13.30	13.23	14.2	0	
5	QPSK	1	12	13.26	13.34	13.28			
5	QPSK	1	24	13.13	13.28	13.21			
5	QPSK	12	0	13.23	13.36	13.30	14.2	0	
5	QPSK	12	7	13.19	13.24	13.25			
5	QPSK	12	13	13.15	13.33	13.32			
5	QPSK	25	0	13.24	13.26	13.30	14.2	0	
5	16QAM	1	0	13.17	13.31	13.27			
5	16QAM	1	12	13.20	13.23	13.30			
5	16QAM	1	24	13.13	13.31	13.22	14.2	0	
5	16QAM	12	0	13.21	13.24	13.34			
5	16QAM	12	7	13.19	13.33	13.33			
5	16QAM	12	13	13.15	13.34	13.33	14.2	0	
5	16QAM	25	0	13.19	13.34	13.25			
5	64QAM	1	0	13.15	13.26	13.28			
5	64QAM	1	12	13.18	13.35	13.21	14.2	0	
5	64QAM	1	24	13.17	13.31	13.32			
5	64QAM	12	0	13.23	13.30	13.27			
5	64QAM	12	7	13.27	13.30	13.31	14.2	0	
5	64QAM	12	13	13.23	13.37	13.34			
5	64QAM	25	0	13.13	13.35	13.33			

Band 7_Ant 5									
BW [MHz]	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	13.75	13.80	13.78	14	0	
20	QPSK	1	49	13.67	13.75	13.70			
20	QPSK	1	99	13.71	13.73	13.62			
20	QPSK	50	0	13.73	13.78	13.77	14	0	
20	QPSK	50	24	13.61	13.77	13.74			
20	QPSK	50	50	13.69	13.77	13.74			
20	QPSK	100	0	13.71	13.76	13.75	14	0	
20	16QAM	1	0	13.70	13.73	13.69			
20	16QAM	1	49	13.66	13.63	13.68			
20	16QAM	1	99	13.67	13.66	13.64	14	0	
20	16QAM	50	0	13.72	13.65	13.66			
20	16QAM	50	24	13.58	13.63	13.66			
20	16QAM	50	50	13.67	13.74	13.74	14	0	
20	16QAM	100	0	13.68	13.76	13.66			
20	64QAM	1	0	13.59	13.69	13.67			
20	64QAM	1	49	13.67	13.74	13.63	14	0	
20	64QAM	1	99	13.68	13.73	13.75			
20	64QAM	50	0	13.58	13.72	13.70			
20	64QAM	50	24	13.58	13.63	13.62	14	0	
20	64QAM	50	50	13.62	13.76	13.76			
20	64QAM	100	0	13.58	13.75	13.67			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	13.70	13.73	13.70	14	0	
15	QPSK	1	37	13.72	13.75	13.73			
15	QPSK	1	74	13.72	13.70	13.65			
15	QPSK	36	0	13.63	13.75	13.62	14	0	
15	QPSK	36	20	13.58	13.74	13.73			
15	QPSK	36	39	13.58	13.63	13.72	14	0	
15	QPSK	75	0	13.63	13.73	13.65			
15	16QAM	1	0	13.60	13.73	13.71	14	0	
15	16QAM	1	37	13.68	13.67	13.67			
15	16QAM	1	74	13.60	13.64	13.63			
15	16QAM	36	0	13.70	13.68	13.67	14	0	
15	16QAM	36	20	13.72	13.64	13.64			
15	16QAM	36	39	13.62	13.68	13.66	14	0	
15	16QAM	75	0	13.59	13.66	13.71			
15	64QAM	1	0	13.71	13.74	13.65	14	0	
15	64QAM	1	37	13.66	13.63	13.68			
15	64QAM	1	74	13.66	13.67	13.73	14	0	
15	64QAM	36	0	13.71	13.75	13.62			
15	64QAM	36	20	13.60	13.64	13.72	14	0	
15	64QAM	36	39	13.61	13.67	13.68			
15	64QAM	75	0	13.64	13.75	13.66	14	0	
Channel				20800	21100	21400		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508	2535	2565			
10	QPSK	1	0	13.58	13.63	13.69	14	0	
10	QPSK	1	25	13.59	13.70	13.76			
10	QPSK	1	49	13.50	13.63	13.69			
10	QPSK	25	0	13.66	13.74	13.67	14	0	
10	QPSK	25	12	13.66	13.72	13.66			
10	QPSK	25	25	13.70	13.72	13.64	14	0	
10	QPSK	50	0	13.62	13.72	13.64			
10	16QAM	1	0	13.60	13.77	13.75	14	0	
10	16QAM	1	25	13.60	13.65	13.62			
10	16QAM	1	49	13.58	13.75	13.63	14	0	
10	16QAM	25	0	13.69	13.73	13.62			
10	16QAM	25	12	13.60	13.67	13.74	14	0	
10	16QAM	25	25	13.65	13.70	13.72			
10	16QAM	50	0	13.65	13.68	13.65	14	0	
10	64QAM	1	0	13.58	13.65	13.64			
10	64QAM	1	25	13.59	13.73	13.72	14	0	
10	64QAM	1	49	13.68	13.71	13.64			
10	64QAM	25	0	13.59	13.64	13.65	14	0	
10	64QAM	25	12	13.61	13.63	13.67			
10	64QAM	25	25	13.67	13.67	13.73	14	0	
10	64QAM	50	0	13.61	13.75	13.64			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	13.72	13.77	13.72	14	0	
5	QPSK	1	12	13.65	13.72	13.66			
5	QPSK	1	24	13.64	13.66	13.71			
5	QPSK	12	0	13.64	13.75	13.73	14	0	
5	QPSK	12	7	13.68	13.72	13.69			
5	QPSK	12	13	13.65	13.68	13.74	14	0	
5	QPSK	25	0	13.62	13.76	13.68			
5	QPSK	1	0	13.62	13.63	13.74	14	0	
5	16QAM	1	12	13.61	13.67	13.62			
5	16QAM	1	24	13.64	13.67	13.69	14	0	
5	16QAM	12	0	13.70	13.63	13.70			
5	16QAM	12	7	13.63	13.77	13.65	14	0	
5	16QAM	12	13	13.60	13.64	13.64			
5	16QAM	25	0	13.59	13.66	13.68	14	0	
5	64QAM	1	0	13.64	13.70	13.69			
5	64QAM	1	12	13.69	13.63	13.66	14	0	
5	64QAM	1	24	13.71	13.65	13.73			
5	64QAM	12	0	13.72	13.67	13.68	14	0	
5	64QAM	12	7	13.72	13.67	13.68			
5	64QAM	12	13	13.67	13.72	13.75	14	0	
5	64QAM	25	0	13.72	13.68	13.74			

Band 12_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130	20.7	0		
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	19.97	20.00	19.98				
10	QPSK	1	25	19.82	19.94	19.94				
10	QPSK	1	49	19.86	19.90	19.84	20.7	0		
10	QPSK	25	0	19.95	19.98	19.96				
10	QPSK	25	12	19.93	19.86	19.86				
10	QPSK	25	25	19.88	19.97	19.95				
10	QPSK	50	0	19.93	19.97	19.95	20.7	0		
10	16QAM	1	0	19.88	19.97	19.85				
10	16QAM	1	25	19.93	19.87	19.83				
10	16QAM	1	49	19.87	19.87	19.83				
10	16QAM	25	0	19.89	19.90	19.94	20.7	0		
10	16QAM	25	12	19.88	19.89	19.83				
10	16QAM	25	25	19.81	19.86	19.85				
10	16QAM	50	0	19.80	19.96	19.82				
10	64QAM	1	0	19.93	19.96	19.86	20.7	0		
10	64QAM	1	25	19.93	19.92	19.95				
10	64QAM	1	49	19.83	19.97	19.95				
10	64QAM	25	0	19.92	19.95	19.81				
10	64QAM	25	12	19.87	19.90	19.81	20.7	0		
10	64QAM	25	25	19.81	19.87	19.81				
10	64QAM	50	0	19.88	19.86	19.90				
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				701.5	707.5	713.5	20.7	0		
5	QPSK	1	0	19.94	19.85	19.85				
5	QPSK	1	12	19.91	19.97	19.81				
5	QPSK	1	24	19.92	19.89	19.88	20.7	0		
5	QPSK	12	0	19.90	19.92	19.93				
5	QPSK	12	7	19.88	19.88	19.83				
5	QPSK	12	13	19.85	19.93	19.90				
5	QPSK	25	0	19.80	19.93	19.83	20.7	0		
5	16QAM	1	0	19.82	19.94	19.82				
5	16QAM	1	12	19.87	19.90	19.86				
5	16QAM	1	24	19.85	19.89	19.88				
5	16QAM	12	0	19.83	19.87	19.87	20.7	0		
5	16QAM	12	7	19.88	19.96	19.84				
5	16QAM	12	13	19.90	19.83	19.91				
5	16QAM	25	0	19.84	19.90	19.88				
5	64QAM	1	0	19.85	19.85	19.92	20.7	0		
5	64QAM	1	12	19.86	19.88	19.81				
5	64QAM	1	24	19.84	19.90	19.82				
5	64QAM	12	0	19.93	19.89	19.90				
5	64QAM	12	7	19.84	19.90	19.91	20.7	0		
5	64QAM	12	13	19.83	19.87	19.94				
5	64QAM	25	0	19.90	19.84	19.88				
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				700.5	707.5	714.5	20.7	0		
3	QPSK	1	0	19.89	19.86	19.94				
3	QPSK	1	8	19.80	19.83	19.81				
3	QPSK	1	14	19.81	19.83	19.83	20.7	0		
3	QPSK	8	0	19.91	19.87	19.92				
3	QPSK	8	4	19.93	19.83	19.91				
3	QPSK	8	7	19.92	19.93	19.81				
3	QPSK	15	0	19.90	19.94	19.94	20.7	0		
3	16QAM	1	0	19.89	19.85	19.94				
3	16QAM	1	8	19.80	19.91	19.88				
3	16QAM	1	14	19.91	19.91	19.85				
3	16QAM	8	0	19.85	19.85	19.91	20.7	0		
3	16QAM	8	4	19.80	19.87	19.95				
3	16QAM	8	7	19.93	19.91	19.84				
3	16QAM	15	0	19.90	19.89	19.95				
3	64QAM	1	0	19.81	19.97	19.83	20.7	0		
3	64QAM	1	8	19.89	19.89	19.86				
3	64QAM	1	14	19.93	19.84	19.89				
3	64QAM	8	0	19.86	19.88	19.88				
3	64QAM	8	4	19.84	19.91	19.94	20.7	0		
3	64QAM	8	7	19.85	19.94	19.81				
3	64QAM	15	0	19.83	19.89	19.92				
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				699.7	703.5	713.3	20.7	0		
1.4	QPSK	1	0	19.83	19.95	19.85				
1.4	QPSK	1	3	19.89	19.89	19.86				
1.4	QPSK	1	5	19.83	19.90	19.86				
1.4	QPSK	3	0	19.86	19.85	19.93	20.7	0		
1.4	QPSK	3	1	19.87	19.86	19.84				
1.4	QPSK	3	3	19.86	19.84	19.82				
1.4	QPSK	6	0	19.87	19.91	19.83				
1.4	16QAM	1	0	19.90	19.96	19.87	20.7	0		
1.4	16QAM	1	3	19.92	19.91	19.82				
1.4	16QAM	1	5	19.87	19.90	19.92				
1.4	16QAM	3	0	19.88	19.88	19.92				
1.4	16QAM	3	1	19.81	19.83	19.81	20.7	0		
1.4	16QAM	3	3	19.88	19.93	19.90				
1.4	16QAM	6	0	19.85	19.84	19.88				
1.4	64QAM	1	0	19.80	19.85	19.92				
1.4	64QAM	1	3	19.94	19.87	19.93	20.7	0		
1.4	64QAM	1	5	19.84	19.86	19.83				
1.4	64QAM	3	0	19.87	19.95	19.91				
1.4	64QAM	3	1	19.85	19.97	19.81				
1.4	64QAM	3	3	19.87	19.89	19.88	20.7	0		
1.4	64QAM	6	0	19.89	19.89	19.94				

Band 13_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23230						
Frequency (MHz)				782						
10	QPSK	1	0		23.40		24.5	0		
10	QPSK	1	25		23.25					
10	QPSK	1	49		23.36					
10	QPSK	25	0		23.35					
10	QPSK	25	12		22.27		23.5	1		
10	QPSK	25	25		22.30					
10	QPSK	50	0		22.32					
10	16QAM	1	0		22.60					
10	16QAM	1	25		22.56		23.5	1		
10	16QAM	1	49		22.59					
10	16QAM	25	0		21.28					
10	16QAM	25	12		21.26					
10	16QAM	25	25		21.28		22.5	2		
10	16QAM	50	0		21.31					
10	64QAM	1	0		21.55					
10	64QAM	1	25		21.48					
10	64QAM	1	49		21.50		22.5	2		
10	64QAM	25	0		20.30					
10	64QAM	25	12		20.27					
10	64QAM	25	25		20.28					
10	64QAM	50	0		20.30		21.5	3		
Channel				23205	23230	23255				
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	23.33	23.37	23.34	24.5	0		
5	QPSK	1	12	23.10	23.15	23.20				
5	QPSK	1	24	23.20	23.29	23.28				
5	QPSK	12	0	23.21	23.25	23.25				
5	QPSK	12	7	22.23	22.17	22.13	23.5	1		
5	QPSK	12	13	22.16	22.27	22.26				
5	QPSK	25	0	22.19	22.31	22.27				
5	16QAM	1	0	22.58	22.52	22.47				
5	16QAM	1	12	22.50	22.48	22.53	23.5	1		
5	16QAM	1	24	22.49	22.57	22.57				
5	16QAM	12	0	21.13	21.02	21.26				
5	16QAM	12	7	21.23	21.23	21.17				
5	16QAM	12	13	21.27	21.17	21.25	22.5	2		
5	16QAM	25	0	21.24	21.26	21.25				
5	64QAM	1	0	21.48	21.52	21.42				
5	64QAM	1	12	21.44	21.33	21.43				
5	64QAM	1	24	21.42	21.35	21.37	22.5	2		
5	64QAM	12	0	20.27	20.18	20.26				
5	64QAM	12	7	20.12	20.18	20.20				
5	64QAM	12	13	20.17	20.17	20.20				
5	64QAM	25	0	20.29	20.23	20.26	21.5	3		

Band 17_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23780	23790	23800				
Frequency (MHz)				709	710	711				
10	QPSK	1	0	23.22	23.25	23.23	24.5	0	24.5	0
10	QPSK	1	25	23.20	23.21	23.20				
10	QPSK	1	49	23.18	23.23	23.18				
10	QPSK	25	0	22.25	22.28	22.25	23.5	1	23.5	1
10	QPSK	25	12	22.23	22.27	22.25				
10	QPSK	25	25	22.22	22.24	22.23				
10	QPSK	50	0	22.25	22.26	22.23	23.5	1	23.5	1
10	16QAM	1	0	22.51	22.50	22.61				
10	16QAM	1	25	22.58	22.49	22.59				
10	16QAM	1	49	22.61	22.52	22.61	22.5	2	22.5	2
10	16QAM	25	0	21.23	21.22	21.22				
10	16QAM	25	12	21.24	21.24	21.22				
10	16QAM	25	25	21.26	21.21	21.22	22.5	2	22.5	2
10	16QAM	50	0	21.27	21.22	21.22				
10	64QAM	1	0	21.36	21.31	21.48				
10	64QAM	1	25	21.48	21.42	21.46	22.5	2	22.5	2
10	64QAM	1	49	21.42	21.42	21.47				
10	64QAM	25	0	20.22	20.20	20.24				
10	64QAM	25	12	20.24	20.24	20.24	21.5	3	21.5	3
10	64QAM	25	25	20.29	20.24	20.22				
10	64QAM	50	0	20.26	20.24	20.24				
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				706.5	710	713.5				
5	QPSK	1	0	23.11	23.15	23.21	24.5	0	24.5	0
5	QPSK	1	12	23.16	23.09	23.16				
5	QPSK	1	24	23.16	23.19	23.14				
5	QPSK	12	0	22.11	22.14	22.11	23.5	1	23.5	1
5	QPSK	12	7	22.16	22.21	22.11				
5	QPSK	12	13	22.21	22.14	22.09				
5	QPSK	25	0	22.20	22.22	22.19	23.5	1	23.5	1
5	16QAM	1	0	22.44	22.35	22.54				
5	16QAM	1	12	22.48	22.44	22.53				
5	16QAM	1	24	22.58	22.37	22.48	22.5	2	22.5	2
5	16QAM	12	0	21.18	21.20	21.14				
5	16QAM	12	7	21.23	21.21	21.13				
5	16QAM	12	13	21.11	21.20	21.18	22.5	2	22.5	2
5	16QAM	25	0	21.12	21.17	21.15				
5	64QAM	1	0	21.29	21.16	21.46				
5	64QAM	1	12	21.34	21.32	21.43	22.5	2	22.5	2
5	64QAM	1	24	21.27	21.39	21.37				
5	64QAM	12	0	20.18	20.13	20.14				
5	64QAM	12	7	20.16	20.20	20.12	21.5	3	21.5	3
5	64QAM	12	13	20.27	20.19	20.11				
5	64QAM	25	0	20.15	20.23	20.19				

Band 17_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23780	23790	23800				
Frequency (MHz)				709	710	711				
10	QPSK	1	0	19.98	20.00	19.97	20.7	0	20.7	0
10	QPSK	1	25	19.92	19.94	19.91				
10	QPSK	1	49	19.87	19.95	19.91				
10	QPSK	25	0	19.95	19.98	19.95	20.7	0	20.7	0
10	QPSK	25	12	19.86	19.87	19.89				
10	QPSK	25	25	19.89	19.97	19.94				
10	QPSK	50	0	19.95	19.97	19.93	20.7	0	20.7	0
10	16QAM	1	0	19.91	19.88	19.91				
10	16QAM	1	25	19.86	19.84	19.91				
10	16QAM	1	49	19.86	19.96	19.82	20.7	0	20.7	0
10	16QAM	25	0	19.83	19.85	19.87				
10	16QAM	25	12	19.88	19.92	19.90				
10	16QAM	25	25	19.93	19.89	19.91	20.7	0	20.7	0
10	16QAM	50	0	19.81	19.85	19.88				
10	64QAM	1	0	19.92	19.84	19.89				
10	64QAM	1	25	19.93	19.95	19.82	20.7	0	20.7	0
10	64QAM	1	49	19.94	19.93	19.88				
10	64QAM	25	0	19.93	19.84	19.88				
10	64QAM	25	12	19.83	19.95	19.86	20.7	0	20.7	0
10	64QAM	25	25	19.90	19.85	19.86				
10	64QAM	50	0	19.82	19.91	19.90				
Channel				23765	23790	23825	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				706.5	710	713.5				
5	QPSK	1	0	19.84	19.89	19.80	20.7	0	20.7	0
5	QPSK	1	12	19.93	19.88	19.91				
5	QPSK	1	24	19.81	19.93	19.85				
5	QPSK	12	0	19.82	19.89	19.83	20.7	0	20.7	0
5	QPSK	12	7	19.91	19.84	19.92				
5	QPSK	12	13	19.91	19.90	19.86				
5	QPSK	25	0	19.92	19.90	19.85	20.7	0	20.7	0
5	16QAM	1	0	19.85	19.91	19.80				
5	16QAM	1	12	19.91	19.96	19.87				
5	16QAM	1	24	19.90	19.90	19.86	20.7	0	20.7	0
5	16QAM	12	0	19.92	19.83	19.80				
5	16QAM	12	7	19.84	19.97	19.89				
5	16QAM	12	13	19.87	19.90	19.81	20.7	0	20.7	0
5	16QAM	25	0	19.83	19.87	19.90				
5	64QAM	1	0	19.87	19.96	19.84				
5	64QAM	1	12	19.87	19.97	19.91	20.7	0	20.7	0
5	64QAM	1	24	19.83	19.94	19.82				
5	64QAM	12	0	19.86	19.94	19.84				
5	64QAM	12	7	19.91	19.93	19.80	20.7	0	20.7	0
5	64QAM	12	13	19.95	19.96	19.88				
5	64QAM	25	0	19.90	19.95	19.93				

Band 26_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				26765	26865	26965				
Frequency (MHz)				831.5	831.5	841.5				
15	QPSK	1	0	23.75	23.85	23.83	25	0	25	0
15	QPSK	1	37	23.73	23.81	23.80				
15	QPSK	1	74	23.74	23.77	23.71				
15	QPSK	36	0	22.78	22.84	22.81	24	1	24	1
15	QPSK	36	20	22.75	22.82	22.80				
15	QPSK	36	39	22.75	22.77	22.72				
15	QPSK	75	0	22.75	22.83	22.81	24	1	24	1
15	16QAM	1	0	22.98	22.99	23.05				
15	16QAM	1	37	23.05	23.06	23.10				
15	16QAM	1	74	22.99	23.06	22.86	23	2	23	2
15	16QAM	36	0	21.75	21.73	21.78				
15	16QAM	36	20	21.77	21.77	21.79				
15	16QAM	36	39	21.76	21.76	21.74	22	3	22	3
15	16QAM	75	0	21.76	21.75	21.81				
15	64QAM	1	0	21.84	21.86	21.90				
15	64QAM	1	37	21.87	21.95	21.97	23	2	23	2
15	64QAM	1	74	21.92	22.04	21.81				
15	64QAM	36	0	20.76	20.75	20.81				
15	64QAM	36	20	20.79	20.82	20.81	22	3	22	3
15	64QAM	36	39	20.77	20.79	20.78				
15	64QAM	75	0	20.75	20.74	20.81				
Channel				26740	26865	26990				
Frequency (MHz)				819	831.5	844				
10	QPSK	1	0	23.67	23.83	23.74	25	0	25	0
10	QPSK	1	25	23.69	23.80	23.74				
10	QPSK	1	49	23.60	23.62	23.63				
10	QPSK	25	0	22.73	22.74	22.76	24	1	24	1
10	QPSK	25	12	22.83	22.68	22.66				
10	QPSK	25	25	22.69	22.72	22.65				
10	QPSK	50	0	22.67	22.71	22.68	24	1	24	1
10	16QAM	1	0	22.90	22.91	22.92				
10	16QAM	1	25	22.95	22.93	23.02				
10	16QAM	1	49	22.89	23.05	22.78	23	2	23	2
10	16QAM	25	0	21.65	21.71	21.63				
10	16QAM	25	12	21.75	21.68	21.65				
10	16QAM	25	12	21.75	21.68	21.69	22	3	22	3
10	16QAM	50	0	21.66	21.62	21.74				
10	64QAM	1	0	21.80	21.91	21.88				
10	64QAM	1	25	21.74	21.85	21.89	23	2	23	2
10	64QAM	1	49	21.91	21.96	21.73				
10	64QAM	25	0	20.68	20.73	20.71				
10	64QAM	25	12	20.76	20.74	20.78	22	3	22	3
10	64QAM	25	25	20.76	20.73	20.69				
10	64QAM	50	0	20.73	20.70	20.66				
Channel				26715	26865	27015				
Frequency (MHz)				816.5	831.5	846.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	23.68	23.82	23.68	25	0	25	0
5	QPSK	1	12	23.63	23.71	23.68				
5	QPSK	1	24	23.72	23.68	23.68				
5	QPSK	12	0	22.72	22.77	22.71	24	1	24	1
5	QPSK	12	7	22.68	22.67	22.76				
5	QPSK	12	13	22.60	22.65	22.66				
5	QPSK	25	0	22.63	22.72	22.69	24	1	24	1
5	16QAM	1	0	22.96	22.85	22.97				
5	16QAM	1	12	22.91	22.92	22.97				
5	16QAM	1	24	22.97	22.97	22.81	23	2	23	2
5	16QAM	12	0	21.69	21.67	21.74				
5	16QAM	12	7	21.75	21.64	21.64				
5	16QAM	12	13	21.71	21.68	21.68	23	2	23	2
5	16QAM	25	0	21.71	21.61	21.74				
5	64QAM	1	0	21.70	21.95	21.88				
5	64QAM	1	12	21.86	21.94	21.85	22	3	22	3
5	64QAM	1	24	21.76	21.70	21.75				
5	64QAM	12	0	20.75	20.70	20.71				
5	64QAM	12	7	20.68	20.68	20.78	22	3	22	3
5	64QAM	12	13	20.74	20.71	20.76				
5	64QAM	25	0	20.62	20.69	20.69				
Channel				26705	26865	27025				
Frequency (MHz)				815.5	831.5	847.5	Tune-up limit (dBm)	MPR (dB)		
3	QPSK	1	0	23.68	23.84	23.74	25	0	25	0
3	QPSK	1	8	23.62	23.67	23.74				
3	QPSK	1	14	23.59	23.74	23.64				
3	QPSK	8	0	22.69	22.77	22.69	24	1	24	1
3	QPSK	8	8	22.64	22.67	22.69				
3	QPSK	8	12	22.64	22.63	22.69				
3	QPSK	15	0	22.65	22.77	22.68	24	1	24	1
3	16QAM	1	0	22.87	22.85	22.93				
3	16QAM	1	8	22.98	22.91	22.99				
3	16QAM	1	14	22.87	22.95	22.83	23	2	23	2
3	16QAM	8	0	21.61	21.61	21.70				
3	16QAM	8	4	21.73	21.71	21.71				
3	16QAM	8	7	21.65	21.63	21.63	23	2	23	2
3	16QAM	15	0	21.62	21.61	21.71				
3	64QAM	1	0	21.73	21.81	21.80				
3	64QAM	1	8	21.72	21.82	21.87	22	3	22	3
3	64QAM	1	14	21.88	22.00	21.78				
3	64QAM	8	0	20.73	20.60	20.72				
3	64QAM	8	4	20.78	20.67	20.70	22	3	22	3
3	64QAM	8	7	20.62	20.72	20.69				
3	64QAM	15	0	20.67	20.66	20.70				
Channel				26697	26865	27033				
Frequency (MHz)				814.7	831.5	848.3	Tune-up limit (dBm)	MPR (dB)		
1.4	QPSK	1	0	23.67	23.77	23.70	25	0	25	0
1.4	QPSK	1	3	23.70	23.73	23.68				
1.4	QPSK	1	5	23.72	23.76	23.62				
1.4	QPSK	3	0	23.64	23.80	23.81	24	1	24	1
1.4	QPSK	3	1	23.66	23.74	23.78				
1.4	QPSK	3	3	23.72	23.68	23.70				
1.4	QPSK	6	0	22.77	22.77	22.71	23	2	23	2
1.4	16QAM	1	0	22.71	22.77	22.73				
1.4	16QAM	1	3	22.62	22.64	22.62				
1.4	16QAM	1	5	22.62	22.71	22.78	22	3	22	3
1.4	16QAM	3	0	22.93	22.92	22.95				
1.4	16QAM	3	1	23.01	22.93	22.95				
1.4	16QAM	3	3	22.95	23.00	22.76	23	2	23	2
1.4	16QAM	6	0	21.73	21.70	21.70				
1.4	64QAM	1	0	21.74	21.63	21.68				
1.4	64QAM	1	3	21.62	21.72	21.65	23	2	23	2
1.4	64QAM	1	5	21.66	21.66	21.70				
1.4	64QAM	3	1	21.75	21.84	21.85				
1.4	64QAM	3	3	21.84	22.02	21.76	22	3	22	3
1.4	64QAM	6	0	20.68	20.72	20.75				

Band 26_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	20.68	20.72	20.70	21.2	0	
15	QPSK	1	37	20.54	20.59	20.59			
15	QPSK	1	74	20.60	20.67	20.66			
15	QPSK	36	0	20.66	20.70	20.68	21.2	0	
15	QPSK	36	20	20.58	20.68	20.60			
15	QPSK	36	39	20.61	20.58	20.62			
15	QPSK	75	0	20.65	20.68	20.67	21.2	0	
15	16QAM	1	0	20.51	20.60	20.64			
15	16QAM	1	37	20.60	20.68	20.55			
15	16QAM	1	74	20.59	20.68	20.65	21.2	0	
15	16QAM	36	0	20.62	20.63	20.63			
15	16QAM	36	20	20.60	20.68	20.58			
15	16QAM	36	39	20.53	20.61	20.57	21.2	0	
15	16QAM	75	0	20.57	20.55	20.56			
15	64QAM	1	0	20.57	20.60	20.61			
15	64QAM	1	37	20.59	20.65	20.65	21.2	0	
15	64QAM	1	74	20.60	20.63	20.56			
15	64QAM	36	0	20.55	20.57	20.64			
15	64QAM	36	20	20.57	20.64	20.53	21.2	0	
15	64QAM	36	39	20.62	20.66	20.64			
15	64QAM	75	0	20.55	20.63	20.61			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	20.58	20.64	20.67	21.2	0	
10	QPSK	1	25	20.60	20.69	20.58			
10	QPSK	1	49	20.60	20.68	20.62			
10	QPSK	25	0	20.58	20.65	20.65	21.2	0	
10	QPSK	25	12	20.52	20.57	20.67			
10	QPSK	25	25	20.65	20.66	20.65			
10	QPSK	50	0	20.57	20.56	20.59	21.2	0	
10	16QAM	1	0	20.56	20.61	20.54			
10	16QAM	1	25	20.57	20.64	20.59			
10	16QAM	1	49	20.63	20.63	20.62	21.2	0	
10	16QAM	25	0	20.63	20.60	20.58			
10	16QAM	25	12	20.64	20.62	20.63			
10	16QAM	25	25	20.65	20.59	20.59	21.2	0	
10	16QAM	50	0	20.64	20.65	20.56			
10	64QAM	1	0	20.54	20.57	20.67			
10	64QAM	1	25	20.53	20.63	20.67	21.2	0	
10	64QAM	1	49	20.51	20.65	20.65			
10	64QAM	25	0	20.65	20.63	20.57			
10	64QAM	25	12	20.62	20.65	20.57	21.2	0	
10	64QAM	25	25	20.67	20.59	20.61			
10	64QAM	50	0	20.52	20.62	20.56			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	20.61	20.59	20.57	21.2	0	
5	QPSK	1	12	20.64	20.68	20.64			
5	QPSK	1	24	20.58	20.62	20.65			
5	QPSK	12	0	20.51	20.69	20.57	21.2	0	
5	QPSK	12	7	20.61	20.57	20.59			
5	QPSK	12	13	20.52	20.64	20.65			
5	QPSK	25	0	20.61	20.61	20.64	21.2	0	
5	16QAM	1	0	20.63	20.68	20.65			
5	16QAM	1	12	20.58	20.61	20.67			
5	16QAM	1	24	20.61	20.63	20.63	21.2	0	
5	16QAM	12	0	20.56	20.62	20.66			
5	16QAM	12	7	20.63	20.65	20.55			
5	16QAM	12	13	20.52	20.56	20.55	21.2	0	
5	16QAM	25	0	20.55	20.61	20.59			
5	64QAM	1	0	20.63	20.62	20.62			
5	64QAM	1	12	20.53	20.65	20.67	21.2	0	
5	64QAM	1	24	20.65	20.64	20.57			
5	64QAM	12	0	20.59	20.56	20.64			
5	64QAM	12	7	20.56	20.67	20.57	21.2	0	
5	64QAM	12	13	20.53	20.55	20.61			
5	64QAM	25	0	20.51	20.63	20.60			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	20.61	20.67	20.67	21.2	0	
3	QPSK	1	8	20.59	20.65	20.66			
3	QPSK	1	14	20.53	20.58	20.55			
3	QPSK	8	0	20.52	20.65	20.58	21.2	0	
3	QPSK	8	4	20.65	20.56	20.57			
3	QPSK	8	7	20.65	20.69	20.63			
3	QPSK	15	0	20.54	20.65	20.64	21.2	0	
3	16QAM	1	0	20.53	20.56	20.66			
3	16QAM	1	8	20.61	20.65	20.55			
3	16QAM	1	14	20.64	20.63	20.65	21.2	0	
3	16QAM	8	0	20.56	20.55	20.65			
3	16QAM	8	4	20.51	20.65	20.66			
3	16QAM	8	7	20.53	20.55	20.65	21.2	0	
3	16QAM	15	0	20.55	20.69	20.61			
3	64QAM	1	0	20.56	20.69	20.56			
3	64QAM	1	8	20.60	20.61	20.67	21.2	0	
3	64QAM	1	14	20.60	20.65	20.62			
3	64QAM	8	0	20.58	20.64	20.58			
3	64QAM	8	4	20.55	20.55	20.63	21.2	0	
3	64QAM	8	7	20.56	20.66	20.59			
3	64QAM	15	0	20.58	20.56	20.55			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	20.52	20.63	20.66	21.2	0	
1.4	QPSK	1	3	20.64	20.62	20.64			
1.4	QPSK	1	5	20.52	20.64	20.67			
1.4	QPSK	3	0	20.55	20.65	20.64	21.2	0	
1.4	QPSK	3	1	20.55	20.67	20.59			
1.4	QPSK	3	3	20.56	20.58	20.61			
1.4	QPSK	6	0	20.53	20.56	20.63	21.2	0	
1.4	16QAM	1	0	20.51	20.61	20.59			
1.4	16QAM	1	3	20.52	20.62	20.55			
1.4	16QAM	1	5	20.64	20.56	20.67	21.2	0	
1.4	16QAM	3	0	20.51	20.66	20.62			
1.4	16QAM	3	1	20.57	20.69	20.55			
1.4	16QAM	3	3	20.51	20.57	20.65	21.2	0	
1.4	16QAM	6	0	20.53	20.68	20.59			
1.4	64QAM	1	0	20.53	20.67	20.56			
1.4	64QAM	1	3	20.55	20.62	20.61	21.2	0	
1.4	64QAM	1	5	20.55	20.69	20.61			
1.4	64QAM	3	0	20.57	20.68	20.55			
1.4	64QAM	3	3	20.55	20.68	20.65	21.2	0	
1.4	64QAM	6	0	20.56	20.69	20.54			

Band 66_Ant 3												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				132072	132322	132572						
Frequency (MHz)				1720	1745	1770						
20	QPSK	1	0	23.34	23.50	23.82	24.8	0				
20	QPSK	1	49	23.33	23.43	23.76						
20	QPSK	1	99	23.33	23.48	23.77						
20	QPSK	50	0	22.35	22.52	22.84	23.8	1				
20	QPSK	50	24	22.26	22.40	22.71						
20	QPSK	50	50	22.23	22.44	22.77	23.8	1				
20	QPSK	100	0	22.36	22.50	22.82						
20	16QAM	1	49	22.66	22.78	22.85						
20	16QAM	1	49	22.58	22.49	22.44	22.8	2				
20	16QAM	1	99	22.48	22.36	22.46						
20	16QAM	50	0	21.34	21.14	21.16						
20	16QAM	50	24	21.31	21.11	21.15	21.8	3				
20	16QAM	50	50	21.22	21.09	21.18						
20	16QAM	100	0	21.30	21.10	21.15	22.8	2				
20	16QAM	1	0	21.47	21.48	21.35						
20	16QAM	1	49	21.44	21.25	21.28						
20	16QAM	1	99	21.40	21.29	21.34	21.8	3				
20	16QAM	50	0	20.32	20.12	20.17						
20	16QAM	50	24	20.30	20.10	20.16	21.8	3				
20	16QAM	50	50	20.20	20.08	20.20						
20	16QAM	100	0	20.28	20.09	20.15						
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1717.5	1745	1772.5						
15	QPSK	1	0	23.24	23.42	23.76	24.8	0				
15	QPSK	1	37	23.20	23.39	23.74						
15	QPSK	1	74	23.25	23.34	23.66						
15	QPSK	36	0	22.21	22.21	22.21	23.8	1				
15	QPSK	36	39	22.09	22.36	22.76						
15	QPSK	75	0	22.34	22.36	22.68	23.8	1				
15	16QAM	1	0	22.57	22.49	22.40						
15	16QAM	1	37	22.47	22.45	22.43						
15	16QAM	1	74	22.44	22.30	22.22	22.8	2				
15	16QAM	36	0	21.63	21.29	21.06						
15	16QAM	36	20	21.20	21.02	21.00	21.8	3				
15	16QAM	36	39	21.10	21.15	21.13						
15	16QAM	75	0	21.22	21.00	21.00	22.8	2				
15	16QAM	1	0	21.40	21.30	21.21						
15	16QAM	1	37	21.37	21.20	21.14						
15	16QAM	1	74	21.33	21.22	21.19	21.8	3				
15	16QAM	36	0	20.26	20.03	20.05						
15	16QAM	36	20	20.18	20.08	20.05	21.8	3				
15	16QAM	36	39	20.17	20.08	20.17						
15	16QAM	75	0	20.17	20.01	20.08						
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1715	1745	1775						
10	QPSK	1	0	23.21	23.44	23.71	24.8	0				
10	QPSK	1	25	23.23	23.31	23.67						
10	QPSK	1	49	23.20	23.38	23.68						
10	QPSK	25	0	22.24	22.44	22.82	23.8	1				
10	QPSK	25	25	22.19	22.43	22.73						
10	QPSK	50	0	22.31	22.44	22.79	22.8	2				
10	16QAM	1	0	22.53	22.43	22.45						
10	16QAM	1	25	22.57	22.47	22.38						
10	16QAM	1	49	22.45	22.30	22.42	21.8	3				
10	16QAM	25	0	21.28	21.08	21.13						
10	16QAM	25	12	21.16	21.07	21.02	21.8	3				
10	16QAM	25	25	21.20	21.08	21.10						
10	16QAM	50	0	21.19	21.05	21.11	22.8	2				
10	16QAM	1	0	21.32	21.43	21.31						
10	16QAM	1	25	21.35	21.20	21.19						
10	16QAM	1	49	21.37	21.19	21.19	21.8	3				
10	16QAM	25	0	20.18	20.11	20.05						
10	16QAM	25	12	20.22	20.20	20.12	21.8	3				
10	16QAM	25	25	20.09	20.18	20.14						
10	16QAM	50	0	20.19	20.07	20.05	21.8	3				
Channel				131997	132322	132647				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5						
5	QPSK	1	0	23.26	23.45	23.77	24.8	0				
5	QPSK	1	12	23.29	23.29	23.69						
5	QPSK	1	24	23.21	23.24	23.65						
5	QPSK	12	0	22.28	22.50	22.72	23.8	1				
5	QPSK	12	7	22.23	22.37	22.65						
5	QPSK	12	13	22.10	22.40	22.65	23.8	1				
5	QPSK	25	0	22.35	22.37	22.77						
5	16QAM	1	0	22.64	22.46	22.42						
5	16QAM	1	12	22.47	22.43	22.36	22.8	2				
5	16QAM	1	24	22.35	22.32	22.34						
5	16QAM	12	0	21.23	21.20	21.12	21.8	3				
5	16QAM	12	7	21.19	21.05	21.11						
5	16QAM	12	13	21.07	21.11	21.14	22.8	2				
5	16QAM	25	0	21.21	21.15	21.12						
5	16QAM	25	0	21.28	21.35	21.28						
5	16QAM	1	12	21.36	21.18	21.17	21.8	3				
5	16QAM	1	24	21.32	21.28	21.28						
5	16QAM	12	0	20.31	20.09	20.13	21.8	3				
5	16QAM	12	7	20.16	20.24	20.33						
5	16QAM	12	13	20.19	20.13	20.12						
5	16QAM	25	0	20.21	20.02	20.11	21.8	3				
Channel				131987	132322	132657				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5						
3	QPSK	1	0	23.27	23.42	23.75	24.8	0				
3	QPSK	1	8	23.26	23.33	23.72						
3	QPSK	1	14	23.23	23.38	23.64						
3	QPSK	8	0	22.31	22.37	22.83	23.8	1				
3	QPSK	8	4	22.20	22.31	22.58						
3	QPSK	8	7	22.18	22.31	22.62	23.8	1				
3	QPSK	15	0	22.26	22.26	22.26						
3	16QAM	1	0	22.61	22.51	22.55						
3	16QAM	1	8	22.47	22.39	22.36	22.8	2				
3	16QAM	1	14	22.42	22.26	22.33						
3	16QAM	8	0	21.32	21.07	21.12	21.8	3				
3	16QAM	8	4	21.30	21.05	21.09						
3	16QAM	8	7	21.17	21.11	21.12	22.8	2				
3	16QAM	15	0	21.15	21.04	21.00						
3	16QAM	1	1	21.36	21.20	21.24						
3	16QAM	1	8	21.31	21.18	21.14	21.8	3				
3	16QAM	1	14	21.33	21.15	21.20						
3	16QAM	8	0	20.30	20.06	20.14	21.8	3				
3	16QAM	8	4	20.23	20.07	20.02						
3	16QAM	8	7	20.11	20.00	20.05						
3	16QAM	15	0	20.18	20.02	20.09	21.8	3				
Channel				131979	132322	132665				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3						
1.4	QPSK	1	0	23.28	23.41	23.78	24.8	0				
1.4	QPSK	1	3	23.29	23.28	23.70						
1.4	QPSK	1	21	23.21	23.27	23.68						
1.4	QPSK	3	0	23.24	23.48	23.71	23.8	1				
1.4	QPSK	3	1	23.24	23.42	23.65						
1.4	QPSK	3	3	23.31	23.44	23.73	23.8	1				
1.4	QPSK	6	0	22.27	22.49	22.72						
1.4	16QAM	1	0	22.25	22.27	22.59						
1.4	16QAM	1	3	22.12	22.38	22.64	22.8	2				
1.4	16QAM	1	5	22.30	22.35	22.73						
1.4	16QAM	3	0	22.63	22.40	22.34	21.8	3				
1.4	16QAM	3	1	22.57	22.41	22.34						
1.4	16QAM	3	3	22.45	22.31	22.33	22.8	2				
1.4	16QAM	6	0	21.21	21.05	21.03						
1.4	16QAM	1	0	21.24	21.05	21.14						
1.4	16QAM	1	3	21.11	21.06	21.13	21.8	3				
1.4	16QAM	1	5	21.16	21.09	21.10						
1.4	16QAM	3	0	21.38	21.44	21.24	21.8	3				
1.4	16QAM	3	1	21.25	21.20	21.14						
1.4	16QAM	3	3	21.37	21.17	21.27						
1.4	16QAM	6	0	20.25	20.05	20.06	21.8	3				

Band 66_Ant 4											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Mid Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				132072	132322	132572	18.8	0			
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	0	17.60	17.85	18.25					
20	QPSK	1	49	17.56	17.74	18.20					
20	QPSK	1	99	17.46	17.77	18.14	18.8	0			
20	QPSK	50	0	17.55	17.83	18.23					
20	QPSK	50	24	17.57	17.77	18.08					
20	QPSK	50	50	17.48	17.81	18.22					
20	QPSK	100	0	17.57	17.81	18.21	18.8	0			
20	16QAM	1	0	17.54	17.72	18.09					
20	16QAM	1	49	17.44	17.78	18.18					
20	16QAM	1	99	17.48	17.75	18.19					
20	16QAM	50	0	17.47	17.71	18.11	18.8	0			
20	16QAM	50	24	17.47	17.70	18.15					
20	16QAM	50	50	17.51	17.81	18.16					
20	16QAM	100	0	17.57	17.89	18.16					
20	64QAM	1	0	17.46	17.70	18.09	18.8	0			
20	64QAM	1	49	17.56	17.81	18.14					
20	64QAM	1	99	17.44	17.78	18.09					
20	64QAM	50	0	17.54	17.81	18.21					
20	64QAM	50	24	17.49	17.69	18.09	18.8	0			
20	64QAM	50	50	17.54	17.80	18.19					
20	64QAM	100	0	17.52	17.89	18.09					
Channel				132047	132322	132597	18.8	0			
Frequency (MHz)				1717.5	1745	1772.5					
15	QPSK	1	0	17.52	17.74	18.15				18.8	
15	QPSK	1	37	17.49	17.75	18.17					
15	QPSK	1	74	17.51	17.81	18.14					
15	QPSK	36	0	17.45	17.73	18.20	18.8	0			
15	QPSK	36	20	17.50	17.73	18.17					
15	QPSK	36	39	17.53	17.81	18.18					
15	QPSK	75	0	17.52	17.75	18.12					
15	16QAM	1	0	17.43	17.79	18.22	18.8	0			
15	16QAM	1	37	17.45	17.70	18.22					
15	16QAM	1	74	17.49	17.80	18.14					
15	16QAM	36	0	17.46	17.78	18.13					
15	16QAM	36	20	17.43	17.75	18.14	18.8	0			
15	16QAM	36	39	17.46	17.71	18.11					
15	16QAM	75	0	17.56	17.73	18.20					
15	64QAM	1	0	17.45	17.81	18.20					
15	64QAM	1	37	17.52	17.70	18.16	18.8	0			
15	64QAM	1	74	17.52	17.69	18.16					
15	64QAM	36	0	17.50	17.77	18.12					
15	64QAM	36	20	17.47	17.77	18.16					
15	64QAM	36	39	17.48	17.80	18.10	18.8	0			
15	64QAM	75	0	17.56	17.82	18.12					
Channel				132022	132322	132622	18.8	0			
Frequency (MHz)				1715	1745	1775					
10	QPSK	1	0	17.55	17.68	18.10				18.8	
10	QPSK	1	25	17.57	17.77	18.15					
10	QPSK	1	49	17.52	17.74	18.08					
10	QPSK	25	0	17.52	17.77	18.16	18.8	0			
10	QPSK	25	12	17.51	17.81	18.18					
10	QPSK	25	25	17.47	17.73	18.09					
10	QPSK	50	0	17.56	17.81	18.16					
10	16QAM	1	0	17.53	17.70	18.13	18.8	0			
10	16QAM	1	25	17.57	17.76	18.20					
10	16QAM	1	49	17.47	17.78	18.22					
10	16QAM	25	0	17.51	17.76	18.09					
10	16QAM	25	12	17.46	17.79	18.12	18.8	0			
10	16QAM	25	25	17.53	17.81	18.17					
10	16QAM	50	0	17.48	17.73	18.08					
10	64QAM	1	0	17.50	17.79	18.08					
10	64QAM	1	25	17.53	17.79	18.10	18.8	0			
10	64QAM	1	49	17.44	17.74	18.20					
10	64QAM	25	0	17.48	17.74	18.16					
10	64QAM	25	12	17.44	17.79	18.09					
10	64QAM	25	25	17.57	17.81	18.11	18.8	0			
10	64QAM	50	0	17.43	17.80	18.18					
Channel				131997	132322	132647	18.8	0			
Frequency (MHz)				1712.5	1745	1777.5					
5	QPSK	1	0	17.49	17.71	18.12				18.8	
5	QPSK	1	12	17.47	17.68	18.20					
5	QPSK	1	24	17.52	17.72	18.12					
5	QPSK	12	0	17.54	17.78	18.12	18.8	0			
5	QPSK	12	7	17.57	17.69	18.17					
5	QPSK	12	13	17.53	17.72	18.17					
5	QPSK	25	0	17.51	17.72	18.11					
5	16QAM	1	0	17.54	17.68	18.22	18.8	0			
5	16QAM	1	12	17.47	17.76	18.22					
5	16QAM	1	24	17.45	17.81	18.16					
5	16QAM	12	0	17.57	17.68	18.12					
5	16QAM	12	7	17.49	17.79	18.15	18.8	0			
5	16QAM	12	13	17.52	17.76	18.11					
5	16QAM	25	0	17.57	17.76	18.12					
5	64QAM	1	0	17.44	17.81	18.22					
5	64QAM	1	12	17.49	17.79	18.11	18.8	0			
5	64QAM	1	24	17.56	17.79	18.21					
5	64QAM	12	0	17.55	17.71	18.11					
5	64QAM	12	7	17.52	17.73	18.19					
5	64QAM	12	13	17.54	17.81	18.19	18.8	0			
5	64QAM	25	0	17.48	17.82	18.15					
Channel				131987	132322	132657	18.8	0			
Frequency (MHz)				1711.5	1745	1778.5					
3	QPSK	1	0	17.51	17.74	18.21				18.8	
3	QPSK	1	8	17.53	17.71	18.15					
3	QPSK	1	14	17.45	17.75	18.18					
3	QPSK	8	0	17.46	17.81	18.21	18.8	0			
3	QPSK	8	4	17.47	17.78	18.09					
3	QPSK	8	7	17.56	17.68	18.22					
3	QPSK	15	0	17.50	17.79	18.09					
3	16QAM	1	0	17.47	17.76	18.16	18.8	0			
3	16QAM	1	8	17.45	17.76	18.20					
3	16QAM	1	14	17.43	17.71	18.15					
3	16QAM	8	0	17.50	17.71	18.21					
3	16QAM	8	4	17.45	17.73	18.22	18.8	0			
3	16QAM	8	7	17.58	17.79	18.15					
3	16QAM	15	0	17.51	17.80	18.18					
3	64QAM	1	0	17.55	17.75	18.12					
3	64QAM	1	8	17.47	17.82	18.08	18.8	0			
3	64QAM	1	14	17.56	17.82	18.13					
3	64QAM	8	0	17.50	17.78	18.08					
3	64QAM	8	4	17.49	17.68	18.21					
3	64QAM	8	7	17.44	17.75	18.18	18.8	0			
3	64QAM	15	0	17.52	17.79	18.08					
Channel				131979	132322	132685	18.8	0			
Frequency (MHz)				1710.7	1745	1779.3					
1.4	QPSK	1	0	17.46	17.80	18.15				18.8	
1.4	QPSK	1	3	17.46	17.69	18.16					
1.4	QPSK	1	5	17.43	17.72	18.19					
1.4	QPSK	3	0	17.54	17.77	18.14	18.8	0			
1.4	QPSK	3	1	17.52	17.71	18.21					
1.4	QPSK	3	3	17.48	17.68	18.18					
1.4	QPSK	6	0	17.54	17.74	18.21					
1.4	16QAM	1	0	17.54	17.82	18.21	18.8	0			
1.4	16QAM	1	3	17.46	17.71	18.19					
1.4	16QAM	1	5	17.53	17.72	18.21					
1.4	16QAM	3	0	17.46	17.81	18.21					
1.4	16QAM	3	1	17.46	17.71	18.18	18.8	0			
1.4	16QAM	3	3	17.47	17.76	18.13					
1.4	16QAM	6	0	17.54	17.70	18.15					
1.4	64QAM	1	0	17.51	17.72	18.15					
1.4	64QAM	1	3	17.45	17.77	18.10	18.8	0			
1.4	64QAM	1	5	17.56	17.72	18.13					
1.4	64QAM	3	0	17.47	17.68	18.18					
1.4	64QAM	3	1	17.57	17.79	18.14					
1.4	64QAM	3	3	17.47	17.71	18.11	18.8	0			
1.4	64QAM	6	0	17.53	17.79	18.14					

Band 38_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.75	23.80	23.77	24.5	0	
20	QPSK	1	49	23.71	23.76	23.69			
20	QPSK	1	99	23.74	23.75	23.66			
20	QPSK	50	0	22.83	22.85	22.83			
20	QPSK	50	24	22.72	22.71	22.70	23.5	1	
20	QPSK	50	50	22.74	22.77	22.78			
20	QPSK	100	0	22.81	22.84	22.82			
20	16QAM	1	0	22.91	22.88	22.88			
20	16QAM	1	49	22.99	22.99	22.93	23.5	1	
20	16QAM	1	99	23.01	22.95	23.07			
20	16QAM	50	0	21.82	21.83	21.82			
20	16QAM	50	24	21.89	21.85	21.86			
20	16QAM	50	50	21.91	21.88	21.94	22.5	2	
20	16QAM	100	0	21.89	21.86	21.89			
20	64QAM	1	0	21.75	21.77	21.74			
20	64QAM	1	49	21.81	21.77	21.81			
20	64QAM	1	99	21.87	21.82	21.97	22.5	2	
20	64QAM	50	0	20.83	20.80	20.81			
20	64QAM	50	24	20.86	20.81	20.87			
20	64QAM	50	50	20.91	20.85	20.94			
20	64QAM	100	0	20.86	20.85	20.87	21.5	3	
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	23.68	23.72	23.69	24.5	0	
15	QPSK	1	37	23.62	23.63	23.54			
15	QPSK	1	74	23.67	23.65	23.61			
15	QPSK	36	0	22.74	22.70	22.68			
15	QPSK	36	20	22.68	22.62	22.56	23.5	1	
15	QPSK	36	39	22.67	22.70	22.71			
15	QPSK	75	0	22.66	22.71	22.68			
15	16QAM	1	0	22.76	22.81	22.74			
15	16QAM	1	37	22.86	22.89	22.85	23.5	1	
15	16QAM	1	74	22.96	22.94	22.94			
15	16QAM	36	0	21.76	21.75	21.73			
15	16QAM	36	20	21.78	21.78	21.71			
15	16QAM	36	39	21.86	21.80	21.87	22.5	2	
15	16QAM	75	0	21.77	21.74	21.74			
15	64QAM	1	0	21.65	21.69	21.65			
15	64QAM	1	37	21.76	21.68	21.73			
15	64QAM	1	74	21.77	21.73	21.89	22.5	2	
15	64QAM	36	0	20.72	20.75	20.68			
15	64QAM	36	20	20.76	20.71	20.77			
15	64QAM	36	39	20.76	20.72	20.80			
15	64QAM	75	0	20.75	20.75	20.75	21.5	3	
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	23.65	23.69	23.68	24.5	0	
10	QPSK	1	25	23.62	23.68	23.64			
10	QPSK	1	49	23.62	23.65	23.56			
10	QPSK	25	0	22.69	22.71	22.72			
10	QPSK	25	12	22.60	22.60	22.63	23.5	1	
10	QPSK	25	25	22.67	22.71	22.66			
10	QPSK	50	0	22.73	22.79	22.69			
10	16QAM	1	0	22.81	22.76	22.80			
10	16QAM	1	25	22.94	22.92	22.84	23.5	1	
10	16QAM	1	49	22.90	22.83	22.96			
10	16QAM	25	0	21.71	21.74	21.71			
10	16QAM	25	12	21.62	21.77	21.78			
10	16QAM	25	25	21.82	21.75	21.86	22.5	2	
10	16QAM	50	0	21.82	21.71	21.82			
10	64QAM	1	0	21.62	21.69	21.66			
10	64QAM	1	25	21.70	21.69	21.71			
10	64QAM	1	49	21.76	21.69	21.88	22.5	2	
10	64QAM	25	0	20.76	20.71	20.72			
10	64QAM	25	12	20.76	20.69	20.74			
10	64QAM	25	25	20.76	20.78	20.86			
10	64QAM	50	0	20.71	20.73	20.73	21.5	3	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	23.65	23.75	23.63	24.5	0	
5	QPSK	1	12	23.62	23.67	23.58			
5	QPSK	1	24	23.66	23.63	23.61			
5	QPSK	12	0	22.76	22.75	22.73			
5	QPSK	12	7	22.63	22.65	22.55	23.5	1	
5	QPSK	12	13	22.61	22.70	22.73			
5	QPSK	25	0	22.74	22.72	22.75			
5	16QAM	1	0	22.82	22.78	22.74			
5	16QAM	1	12	22.92	22.93	22.84	23.5	1	
5	16QAM	1	24	22.95	22.83	23.01			
5	16QAM	12	0	21.77	21.69	21.71			
5	16QAM	12	7	21.77	21.72	21.77			
5	16QAM	12	13	21.83	21.81	21.68	22.5	2	
5	16QAM	25	0	21.82	21.79	21.78			
5	64QAM	1	0	21.67	21.68	21.66			
5	64QAM	1	12	21.73	21.69	21.68			
5	64QAM	1	24	21.77	21.76	21.92	21.5	3	
5	64QAM	12	0	20.78	20.75	20.71			
5	64QAM	12	7	20.79	20.67	20.72			
5	64QAM	12	13	20.84	20.79	20.85			
5	64QAM	25	0	20.75	20.79	20.79	21.5	3	

Band 38_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	15.27	15.30	15.25	16	0	
20	QPSK	1	49	15.12	15.24	15.12			
20	QPSK	1	99	15.12	15.14	15.18			
20	QPSK	50	0	15.25	15.28	15.23			
20	QPSK	50	24	15.22	15.20	15.22	16	0	
20	QPSK	50	50	15.14	15.15	15.12			
20	QPSK	100	0	15.23	15.27	15.21			
20	16QAM	1	0	15.18	15.27	15.19			
20	16QAM	1	49	15.11	15.23	15.21	16	0	
20	16QAM	1	99	15.12	15.13	15.12			
20	16QAM	50	0	15.19	15.18	15.18			
20	16QAM	50	24	15.11	15.26	15.20			
20	16QAM	50	50	15.12	15.16	15.17	16	0	
20	16QAM	100	0	15.18	15.16	15.19			
20	64QAM	1	0	15.16	15.20	15.15			
20	64QAM	1	49	15.14	15.17	15.17			
20	64QAM	1	99	15.15	15.14	15.13	16	0	
20	64QAM	50	0	15.23	15.13	15.20			
20	64QAM	50	24	15.18	15.22	15.09			
20	64QAM	50	50	15.22	15.15	15.13			
20	64QAM	100	0	15.24	15.14	15.14	16	0	
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	15.22	15.14	15.21	16	0	
15	QPSK	1	37	15.19	15.28	15.10			
15	QPSK	1	74	15.19	15.20	15.14			
15	QPSK	36	0	15.19	15.19	15.15			
15	QPSK	36	20	15.23	15.21	15.15	16	0	
15	QPSK	36	39	15.20	15.25	15.14			
15	QPSK	75	0	15.16	15.28	15.20			
15	QPSK	75	0	15.11	15.14	15.20			
15	16QAM	1	0	15.10	15.19	15.10	16	0	
15	16QAM	1	37	15.10	15.17	15.13			
15	16QAM	1	74	15.12	15.24	15.17			
15	16QAM	36	0	15.17	15.27	15.19			
15	16QAM	36	20	15.19	15.23	15.08	16	0	
15	16QAM	36	39	15.10	15.18	15.10			
15	16QAM	75	0	15.19	15.15	15.17			
15	64QAM	1	0	15.10	15.13	15.21			
15	64QAM	1	37	15.20	15.19	15.23	16	0	
15	64QAM	1	74	15.16	15.14	15.22			
15	64QAM	36	0	15.21	15.26	15.19			
15	64QAM	36	20	15.18	15.26	15.13			
15	64QAM	36	39	15.17	15.13	15.21	16	0	
15	64QAM	75	0	15.18	15.15	15.21			
15	64QAM	75	0	15.15	15.18	15.20			
Channel				37800	38000	38200			
Frequency (MHz)				2577.5	2595	2615			
10	QPSK	1	0	15.13	15.15	15.18	16	0	
10	QPSK	1	25	15.16	15.16	15.12			
10	QPSK	1	49	15.11	15.27	15.12			
10	QPSK	25	0	15.11	15.24	15.18			
10	QPSK	25	12	15.15	15.17	15.10	16	0	
10	QPSK	25	25	15.24	15.14	15.15			
10	QPSK	50	0	15.15	15.27	15.13			
10	16QAM	1	0	15.22	15.13	15.13			
10	16QAM	1	25	15.18	15.18	15.19	16	0	
10	16QAM	1	49	15.22	15.16	15.12			
10	16QAM	25	0	15.17	15.13	15.20			
10	16QAM	25	12	15.11	15.15	15.22			
10	16QAM	25	25	15.13	15.13	15.18	16	0	
10	16QAM	50	0	15.14	15.16	15.08			
10	64QAM	1	0	15.19	15.20	15.11			
10	64QAM	1	25	15.20	15.24	15.21			
10	64QAM	1	49	15.13	15.19	15.08	16	0	
10	64QAM	25	0	15.11	15.21	15.16			
10	64QAM	25	12	15.10	15.17	15.09			
10	64QAM	25	25	15.16	15.26	15.18			
10	64QAM	50	0	15.10	15.16	15.18	16	0	
Channel				37775	38000	38225			
Frequency (MHz)				2579.5	2595	2617.5			
5	QPSK	1	0	15.23	15.27	15.08	16	0	
5	QPSK	1	12	15.18	15.25	15.15			
5	QPSK	12	0	15.16	15.15	15.10			
5	QPSK	12	0	15.13	15.23	15.10			
5	QPSK	12	7	15.24	15.24	15.14	16	0	
5	QPSK	12	13	15.19	15.20	15.18			
5	QPSK	25	0	15.19	15.20	15.21			
5	QPSK	25	0	15.13	15.22	15.18			
5	16QAM	1	0	15.19	15.21	15.20	16	0	
5	16QAM	1	24	15.15	15.14	15.22			
5	16QAM	12	0	15.12	15.22	15.16			
5	16QAM	12	0	15.14	15.17	15.17			
5	16QAM	12	13	15.14	15.19	15.12	16	0	
5	16QAM	25	0	15.23	15.27	15.15			
5	64QAM	1	0	15.17	15.24	15.19			
5	64QAM	1	12	15.16	15.21	15.09			
5	64QAM	1	24	15.18	15.23	15.20	16	0	
5	64QAM	12	0	15.16	15.18	15.13			
5	64QAM	12	7	15.24	15.16	15.19			
5	64QAM	25	0	15.23	15.23	15.15			
5	64QAM	25	0	15.17	15.24	15.10	16	0	
5	64QAM	25	0	15.22	15.15	15.15			
5	64QAM	25	0	15.17	15.24	15.20			

Band 41_Ant 3																
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power Middle Ch. / Freq	Power High Middle Ch. / Freq	Power High Ch. / Freq	Turn-up limit (dbm)	MPR (db)						
Channel																
Frequency (MHz)																
20	QPSK	1	0	23.62	23.55	23.55	23.45	23.39	24.5	0						
20	QPSK	1	49	23.77	23.48	23.47	23.43	23.49								
20	QPSK	1	99	23.77	23.41	23.44	23.34	23.39								
20	QPSK	50	0	22.79	22.53	22.48	22.41	22.45								
20	QPSK	50	24	22.77	22.47	22.42	22.41	22.45	23.5	1						
20	QPSK	50	50	22.72	22.37	22.36	22.33	22.39								
20	16QAM	1	0	22.78	22.44	22.48	22.33	22.50								
20	16QAM	1	49	22.80	22.47	22.46	22.46	22.48								
20	16QAM	1	99	22.95	22.57	22.58	22.53	22.55	23.5	1						
20	16QAM	50	0	21.70	21.43	21.39	21.35	21.45								
20	16QAM	50	24	21.76	21.47	21.44	21.41	21.46								
20	16QAM	50	50	21.81	21.46	21.45	21.44	21.48								
20	16QAM	100	0	21.78	21.47	21.42	21.39	21.45	22.5	2						
20	8QAM	1	0	21.45	21.11	21.11	21.02	21.14								
20	8QAM	1	49	21.46	21.18	21.15	21.12	21.15								
20	8QAM	1	99	21.59	21.27	21.20	21.19	21.26								
20	8QAM	50	0	20.67	20.44	20.37	20.33	20.41	21.5	3						
20	8QAM	50	24	20.73	20.44	20.43	20.37	20.43								
20	8QAM	50	50	20.81	20.47	20.45	20.45	20.48								
20	8QAM	100	0	20.74	20.46	20.41	20.41	20.44								
Channel																
Frequency (MHz)																
15	QPSK	1	0	23.68	23.45	23.49	23.44	23.44	24.5		0					
15	QPSK	1	37	23.71	23.41	23.38	23.32	23.46								
15	QPSK	1	74	23.69	23.26	23.23	23.27	23.33								
15	QPSK	36	0	22.74	22.45	22.39	22.30	22.44								
15	QPSK	36	20	22.66	22.38	22.33	22.20	22.31	23.5	1						
15	QPSK	36	39	22.67	22.32	22.21	22.23	22.30								
15	QPSK	75	0	22.68	22.35	22.38	22.27	22.35								
15	16QAM	1	0	22.73	22.34	22.40	22.32	22.47								
15	16QAM	1	37	22.75	22.33	22.41	22.32	22.34	23.5	1						
15	16QAM	1	74	22.88	22.42	22.32	22.39	22.43								
15	16QAM	36	0	21.55	21.34	21.30	21.33	21.32								
15	16QAM	36	20	21.67	21.35	21.29	21.35	21.42								
15	16QAM	36	39	21.73	21.40	21.40	21.30	21.41	22.5	2						
15	16QAM	75	0	21.65	21.32	21.37	21.23	21.33								
15	8QAM	1	0	21.38	21.06	21.05	21.00	21.10								
15	8QAM	1	37	21.32	21.09	21.02	21.00	21.09								
15	8QAM	1	74	21.50	21.13	21.07	21.18	21.22	21.5	3						
15	8QAM	36	0	20.86	20.35	20.22	20.30	20.38								
15	8QAM	36	20	20.58	20.39	20.38	20.27	20.34								
15	8QAM	36	39	20.74	20.40	20.30	20.42	20.37								
15	8QAM	75	0	20.61	20.40	20.32	20.28	20.34								
Channel																
Frequency (MHz)																
10	QPSK	1	0	23.68	23.49	23.42	23.30	23.58			24.5	0				
10	QPSK	1	25	23.66	23.33	23.39	23.39	23.46								
10	QPSK	1	49	23.64	23.34	23.20	23.23	23.32								
10	QPSK	25	0	22.64	22.39	22.42	22.37	22.51								
10	QPSK	25	12	22.69	22.41	22.34	22.29	22.44	23.5	1						
10	QPSK	25	25	22.66	22.31	22.29	22.19	22.33								
10	QPSK	50	0	22.68	22.34	22.30	22.25	22.35								
10	16QAM	1	0	22.71	22.28	22.34	22.25	22.42								
10	16QAM	1	25	22.75	22.33	22.40	22.34	22.35	23.5	1						
10	16QAM	1	49	22.80	22.44	22.45	22.51	22.40								
10	16QAM	25	0	21.63	21.29	21.28	21.28	21.30								
10	16QAM	25	12	21.61	21.40	21.29	21.38	21.31								
10	16QAM	50	0	21.70	21.36	21.34	21.44	21.39	22.5	2						
10	16QAM	50	0	21.71	21.37	21.31	21.30	21.45								
10	8QAM	1	0	21.37	21.03	21.03	21.06	21.11								
10	8QAM	1	25	21.34	21.05	21.06	21.03	21.04								
10	8QAM	1	49	21.47	21.22	21.08	21.15	21.14	21.5	3						
10	8QAM	25	0	20.58	20.35	20.30	20.26	20.32								
10	8QAM	25	12	20.65	20.33	20.35	20.23	20.41								
10	8QAM	25	25	20.76	20.34	20.33	20.40	20.41								
10	8QAM	50	0	20.68	20.31	20.26	20.32	20.39								
Channel																
Frequency (MHz)																
5	QPSK	1	0	23.73	23.49	23.44	23.30	23.59			24.5	0				
5	QPSK	1	12	23.66	23.38	23.40	23.28	23.39								
5	QPSK	1	24	23.65	23.34	23.26	23.32	23.31								
5	QPSK	12	0	22.67	22.45	22.34	22.34	22.52								
5	QPSK	12	7	22.64	22.33	22.27	22.26	22.43	23.5	1						
5	QPSK	12	13	22.63	22.27	22.31	22.32	22.25								
5	QPSK	25	0	22.70	22.33	22.31	22.28	22.28								
5	16QAM	1	0	22.64	22.35	22.40	22.33	22.45								
5	16QAM	1	12	22.65	22.36	22.43	22.45	22.39	23.5	1						
5	16QAM	1	24	22.80	22.42	22.43	22.38	22.53								
5	16QAM	12	0	21.65	21.35	21.26	21.22	21.41								
5	16QAM	12	7	21.68	21.34	21.30	21.30	21.39								
5	16QAM	12	13	21.73	21.34	21.38	21.31	21.49	22.5	2						
5	16QAM	25	0	21.69	21.35	21.27	21.27	21.32								
5	8QAM	1	0	21.36	21.09	21.04	21.08	21.12								
5	8QAM	1	12	21.31	21.06	21.03	21.01	21.11								
5	8QAM	1	24	21.52	21.18	21.10	21.17	21.11	21.5	3						
5	8QAM	12	0	20.56	20.37	20.25	20.23	20.36								
5	8QAM	12	7	20.65	20.30	20.31	20.31	20.43								
5	8QAM	25	0	20.66	20.33	20.37	20.31	20.38								
5	8QAM	25	0	20.66	20.34	20.33	20.33	20.35								

Band 41_Ant 1																
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power Low High Ch. / Freq	Power High Middle Ch. / Freq	Power High Ch. / Freq	Turn-up time limit (dBm)	MPR (dB)						
Channel																
Frequency (MHz)				2555.5	2568.5	2581.5	2594.5	2607.5	2620.5	2633.5						
10	QPSK	1	0	14.19	14.10	14.03	14.10	14.15	15	0						
20	QPSK	1	49	14.16	14.08	14.04	14.03	14.02								
20	QPSK	1	99	14.14	14.06	14.04	14.06	13.98								
20	QPSK	50	24	14.18	14.10	14.03	14.03	14.02								
20	QPSK	24	14	14.17	14.12	13.97	13.98	14.12								
20	QPSK	50	50	14.04	14.05	14.06	14.01	13.99	15	0						
20	QPSK	100	0	14.10	14.13	14.05	14.07	14.11								
10	16QAM	1	0	14.10	14.02	13.92	14.04	13.98								
20	16QAM	49	49	14.14	14.14	14.04	14.04	14.04								
20	16QAM	1	99	14.14	14.11	14.00	13.93	14.03								
20	16QAM	50	0	14.03	14.09	14.03	14.03	14.12	15	0						
20	16QAM	50	24	14.09	14.09	14.03	14.00	14.08								
20	16QAM	50	49	14.06	14.06	14.03	14.03	14.04								
20	16QAM	100	0	14.14	14.14	14.06	14.00	14.03								
20	64QAM	1	0	14.12	14.01	14.02	14.03	14.01								
20	64QAM	1	49	14.03	14.04	13.94	13.94	14.00	15	0						
20	64QAM	1	99	14.05	14.14	13.94	13.94	14.00								
20	64QAM	50	0	14.10	14.11	14.03	13.94	13.99								
20	64QAM	50	24	14.10	14.11	13.95	14.03	14.10								
20	64QAM	50	49	14.09	14.08	13.97	14.07	14.09								
20	64QAM	100	0	14.04	14.08	13.98	13.93	14.05	15	0						
Channel																
Frequency (MHz)				2553.5	2568.3	2583.3	2598.3	2613.3					2628.3	2643.3		
10	QPSK	1	0	14.09	14.14	13.92	14.05	14.05					15	0		
10	QPSK	1	37	14.05	14.01	13.96	14.05	14.01								
15	QPSK	1	73	14.06	14.08	13.97	13.96	14.02								
15	QPSK	1	108	14.08	14.08	14.00	13.98	14.08								
15	QPSK	38	20	14.07	14.03	14.00	13.98	14.12								
15	QPSK	38	39	14.17	14.02	14.00	13.97	14.05	15	0						
15	QPSK	75	0	14.15	14.07	13.92	14.01	14.10								
15	QPSK	1	49	14.09	14.14	13.94	13.98	14.00								
15	16QAM	37	37	14.09	14.01	13.99	14.00	14.00								
15	16QAM	1	74	14.09	14.12	13.98	14.06	14.03								
15	16QAM	38	0	14.03	14.09	14.03	14.03	14.07	15	0						
15	16QAM	38	20	14.16	14.14	14.02	14.07	13.98								
15	16QAM	38	39	14.08	14.08	13.93	14.04	14.07								
15	16QAM	75	0	14.08	14.04	13.93	13.96	14.00								
15	64QAM	1	0	14.11	14.10	13.98	13.97	14.10								
15	64QAM	1	49	14.10	14.08	13.94	14.01	14.04	15	0						
15	64QAM	1	99	14.11	14.07	13.96	13.98	14.03								
15	64QAM	38	0	14.06	14.00	13.92	14.01	14.09								
15	64QAM	38	20	14.14	14.04	13.98	13.99	13.98								
15	64QAM	36	39	14.16	14.14	14.01	14.06	14.12								
15	64QAM	75	0	14.05	14.09	14.04	14.02	14.03	15	0						
Channel																
Frequency (MHz)				2557.0	2561.7	2593.3	2603.0	2615.0					2625.0	2635.0		
10	QPSK	1	0	14.15	14.09	13.99	14.03	14.07					15	0		
10	QPSK	1	25	14.13	14.03	14.04	14.06	14.00								
10	QPSK	1	49	14.07	14.03	13.94	14.07	14.03								
10	QPSK	25	0	14.00	14.01	14.03	14.03	14.00								
10	QPSK	25	12	14.06	14.10	14.03	14.00	14.11								
10	QPSK	25	25	14.14	14.06	14.02	14.04	14.02	15	0						
10	QPSK	50	0	14.05	14.06	13.99	14.00	14.01								
10	16QAM	1	0	14.17	14.08	13.93	13.95	14.02								
10	16QAM	1	25	14.15	14.10	13.95	14.07	14.07								
10	16QAM	1	49	14.03	14.12	13.93	13.97	14.02								
10	16QAM	25	0	14.10	14.06	14.01	14.07	14.03	15	0						
10	16QAM	25	12	14.09	14.09	14.04	14.03	14.04								
10	16QAM	25	25	14.11	14.06	14.03	13.97	14.08								
10	16QAM	50	0	14.16	14.07	14.01	13.93	14.12								
10	64QAM	1	0	14.09	14.04	14.06	14.00	14.10								
10	64QAM	1	25	14.01	14.01	13.93	14.01	14.01	15	0						
10	64QAM	1	49	14.12	14.06	13.95	13.96	14.01								
10	64QAM	25	0	14.10	14.11	13.98	14.07	13.98								
10	64QAM	25	12	14.07	14.14	14.02	14.05	14.07								
10	64QAM	25	25	14.13	14.03	13.94	13.99	14.06								
10	64QAM	50	0	14.15	14.01	14.02	14.03	14.02	15	0						
Channel																
Frequency (MHz)				2498.5 <th>2504.8<th>2509.0<th>2496.2<th>2450.7<th>2456.7<th>2461.7<th></th><th></th></th></th></th></th></th></th>	2504.8 <th>2509.0<th>2496.2<th>2450.7<th>2456.7<th>2461.7<th></th><th></th></th></th></th></th></th>	2509.0 <th>2496.2<th>2450.7<th>2456.7<th>2461.7<th></th><th></th></th></th></th></th>	2496.2 <th>2450.7<th>2456.7<th>2461.7<th></th><th></th></th></th></th>	2450.7 <th>2456.7<th>2461.7<th></th><th></th></th></th>					2456.7 <th>2461.7<th></th><th></th></th>	2461.7 <th></th> <th></th>		
5	QPSK	1	0	14.13	14.14	13.94	13.95	14.02					15	0		
5	QPSK	1	12	14.09	14.04	14.03	14.05	14.05								
5	QPSK	1	24	14.07	14.10	13.92	14.03	14.06								
5	QPSK	12	0	14.15	14.10	14.04	14.05	14.06								
5	QPSK	12	7	14.13	14.09	14.02	13.94	13.99								
5	QPSK	12	13	14.10	14.00	14.06	14.02	14.05	15	0						
5	QPSK	12	19	14.08	14.07	14.00	13.99	14.02								
5	16QAM	1	0	14.08	14.11	13.92	14.00	14.01								
5	16QAM	1	12	14.14	14.04	13.99	14.05	14.00								
5	16QAM	1	24	14.04	14.02	13.98	13.95	13.98								
5	16QAM	12	0	14.07	14.14	14.01	14.05	14.05	15	0						
5	16QAM	12	7	14.09	14.11	14.05	14.00	14.02								
5	16QAM	12	13	14.11	14.02	14.06	13.97	14.02								
5	16QAM	25	0	14.05	14.01	13.98	13.96	14.00								
5	64QAM	1	0	14.12	14.06	14.06	14.04	14.07								
5	64QAM	1	12	14.04	14.14	14.04	14.03	14.02	15	0						
5	64QAM	1	24	14.08	14.14	13.94	13.96	14.00								
5	64QAM	12	0	14.06	14.02	14.01	14.01	14.01								
5	64QAM	12	7	14.16	14.07	13.97	14.00	14.12								
5	64QAM	12	13	14.16	14.13	14.04	14.03	14.05								
5	64QAM	25	0	14.03	14.09	14.01	14.03	14.05	15	0						
5	64QAM	25	7	14.07	14.07	13.97	14.00	14.12								
5	64QAM	25	13	14.07	14.07	13.97	14.00	14.12								
5	64QAM	25	19	14.07	14.07	13.97	14.00	14.12								
5	64QAM	25	25	14.07	14.07	13.97	14.00	14.12								

CA 7B Ant 3											
Combination 15MHz+5MHz (75RB+25RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20825	20918	QPSK	1	0	0	0	1	0	Full Power	22.94	24.20
21076	21169	QPSK	1	0	0	0	1	0	Full Power	23.06	24.20
21327	21420	QPSK	1	0	0	0	1	0	Full Power	22.98	24.20
20825	20918	QPSK	1	0	0	0	1	0	ECI1	21.48	22.70
21076	21169	QPSK	1	0	0	0	1	0	ECI1	21.58	22.70
21327	21420	QPSK	1	0	0	0	1	0	ECI1	21.56	22.70
20825	20918	QPSK	1	0	0	0	1	0	ECI2	22.94	24.20
21076	21169	QPSK	1	0	0	0	1	0	ECI2	23.00	24.20
21327	21420	QPSK	1	0	0	0	1	0	ECI2	22.95	24.20
20825	20918	QPSK	1	0	0	0	1	0	ECI3	16.44	17.70
21076	21169	QPSK	1	0	0	0	1	0	ECI3	16.64	17.70
21327	21420	QPSK	1	0	0	0	1	0	ECI3	16.56	17.70
20825	20918	QPSK	1	0	0	0	1	0	ECI4	17.94	19.20
21076	21169	QPSK	1	0	0	0	1	0	ECI4	18.09	19.20
21327	21420	QPSK	1	0	0	0	1	0	ECI4	18.10	19.20

CA 7B Ant 1											
Combination 15MHz+5MHz (75RB+25RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	1 segment width Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20825	20918	QPSK	1	0	0	0	1	0	Full Power	22.39	23.70
21076	21169	QPSK	1	0	0	0	1	0	Full Power	22.71	23.70
21327	21420	QPSK	1	0	0	0	1	0	Full Power	22.73	23.70
20825	20918	QPSK	1	0	0	0	1	0	ECI1	20.57	21.70
21076	21169	QPSK	1	0	0	0	1	0	ECI1	20.70	21.70
21327	21420	QPSK	1	0	0	0	1	0	ECI1	20.78	21.70
20825	20918	QPSK	1	0	0	0	1	0	ECI2	15.19	16.20
21076	21169	QPSK	1	0	0	0	1	0	ECI2	15.32	16.20
21327	21420	QPSK	1	0	0	0	1	0	ECI2	15.27	16.20
20825	20918	QPSK	1	0	0	0	1	0	ECI3	15.66	16.70
21076	21169	QPSK	1	0	0	0	1	0	ECI3	15.79	16.70
21327	21420	QPSK	1	0	0	0	1	0	ECI3	15.83	16.70
20825	20918	QPSK	1	0	0	0	1	0	ECI4	13.18	14.20
21076	21169	QPSK	1	0	0	0	1	0	ECI4	13.26	14.20
21327	21420	QPSK	1	0	0	0	1	0	ECI4	13.33	14.20

CA_7C_Ant 3											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full Power	22.95	24.20
21100	21298	QPSK	1	0	0	0	1	0	Full Power	23.07	24.20
21350	21152	QPSK	1	0	0	0	1	0	Full Power	23.06	24.20
20850	21048	QPSK	1	0	0	0	1	0	ECI1	21.56	22.70
21100	21298	QPSK	1	0	0	0	1	0	ECI1	21.65	22.70
21350	21152	QPSK	1	0	0	0	1	0	ECI1	21.63	22.70
20850	21048	QPSK	1	0	0	0	1	0	ECI2	22.95	24.20
21100	21298	QPSK	1	0	0	0	1	0	ECI2	23.07	24.20
21350	21152	QPSK	1	0	0	0	1	0	ECI2	23.06	24.20
20850	21048	QPSK	1	0	0	0	1	0	ECI3	16.56	17.70
21100	21298	QPSK	1	0	0	0	1	0	ECI3	16.67	17.70
21350	21152	QPSK	1	0	0	0	1	0	ECI3	16.63	17.70
20850	21048	QPSK	1	0	0	0	1	0	ECI4	18.06	19.20
21100	21298	QPSK	1	0	0	0	1	0	ECI4	18.16	19.20
21350	21152	QPSK	1	0	0	0	1	0	ECI4	18.13	19.20

CA 7C Ant 1											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full Power	22.43	23.70
21100	21298	QPSK	1	0	0	0	1	0	Full Power	22.82	23.70
21350	21152	QPSK	1	0	0	0	1	0	Full Power	22.77	23.70
20850	21048	QPSK	1	0	0	0	1	0	ECI1	20.70	21.70
21100	21298	QPSK	1	0	0	0	1	0	ECI1	20.83	21.70
21350	21152	QPSK	1	0	0	0	1	0	ECI1	20.81	21.70
20850	21048	QPSK	1	0	0	0	1	0	ECI2	15.22	16.20
21100	21298	QPSK	1	0	0	0	1	0	ECI2	15.35	16.20
21350	21152	QPSK	1	0	0	0	1	0	ECI2	15.33	16.20
20850	21048	QPSK	1	0	0	0	1	0	ECI3	15.72	16.70
21100	21298	QPSK	1	0	0	0	1	0	ECI3	15.88	16.70
21350	21152	QPSK	1	0	0	0	1	0	ECI3	15.85	16.70
20850	21048	QPSK	1	0	0	0	1	0	ECI4	13.26	14.20
21100	21298	QPSK	1	0	0	0	1	0	ECI4	13.38	14.20
21350	21152	QPSK	1	0	0	0	1	0	ECI4	13.35	14.20

CA_38C_Ant 3											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Po (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	Full Power	23.65	24.50
37901	38099	QPSK	1	0	0	0	1	0	Full Power	23.77	24.50
38150	37952	QPSK	1	0	0	0	1	0	Full Power	23.73	24.50
37850	38048	QPSK	1	0	0	0	1	0	EC1	23.65	24.50
37901	38099	QPSK	1	0	0	0	1	0	EC1	23.77	24.50
38150	37952	QPSK	1	0	0	0	1	0	EC1	23.73	24.50
37850	38048	QPSK	1	0	0	0	1	0	EC2	23.65	24.50
37901	38099	QPSK	1	0	0	0	1	0	EC2	23.77	24.50
38150	37952	QPSK	1	0	0	0	1	0	EC2	23.73	24.50
37850	38048	QPSK	1	0	0	0	1	0	EC3	18.77	19.50
37901	38099	QPSK	1	0	0	0	1	0	EC3	18.81	19.50
38150	37952	QPSK	1	0	0	0	1	0	EC3	18.78	19.50
37850	38048	QPSK	1	0	0	0	1	0	EC4	23.65	24.50
37901	38099	QPSK	1	0	0	0	1	0	EC4	23.77	24.50
38150	37952	QPSK	1	0	0	0	1	0	EC4	23.73	24.50

CA_38C_Ant 1											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	Full Power	22.98	24.00
37901	38099	QPSK	1	0	0	0	1	0	Full Power	23.10	24.00
38150	37952	QPSK	1	0	0	0	1	0	Full Power	23.01	24.00
37850	38048	QPSK	1	0	0	0	1	0	ECI1	22.98	24.00
37901	38099	QPSK	1	0	0	0	1	0	ECI1	23.10	24.00
38150	37952	QPSK	1	0	0	0	1	0	ECI1	23.01	24.00
37850	38048	QPSK	1	0	0	0	1	0	ECI2	19.12	20.00
37901	38099	QPSK	1	0	0	0	1	0	ECI2	19.16	20.00
38150	37952	QPSK	1	0	0	0	1	0	ECI2	19.13	20.00
37850	38048	QPSK	1	0	0	0	1	0	ECI3	18.10	19.00
37901	38099	QPSK	1	0	0	0	1	0	ECI3	18.16	19.00
38150	37952	QPSK	1	0	0	0	1	0	ECI3	18.11	19.00
37850	38048	QPSK	1	0	0	0	1	0	ECI4	15.10	16.00
37901	38099	QPSK	1	0	0	0	1	0	ECI4	15.18	16.00
38150	37952	QPSK	1	0	0	0	1	0	ECI4	15.13	16.00

CA_41C_Ant 3											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	0	0	0	1	0	Full Power	23.73	24.50
40185	40383	QPSK	1	0	0	0	1	0	Full Power	23.37	24.50
40620	40818	QPSK	1	0	0	0	1	0	Full Power	23.42	24.50
41055	41253	QPSK	1	0	0	0	1	0	Full Power	23.40	24.50
41490	41292	QPSK	1	0	0	0	1	0	Full Power	23.44	24.50
39750	39948	QPSK	1	0	0	0	1	0	ECI1	21.28	22.00
40185	40383	QPSK	1	0	0	0	1	0	ECI1	21.01	22.00
40620	40818	QPSK	1	0	0	0	1	0	ECI1	20.98	22.00
41055	41253	QPSK	1	0	0	0	1	0	ECI1	20.92	22.00
41490	41292	QPSK	1	0	0	0	1	0	ECI1	21.02	22.00
39750	39948	QPSK	1	0	0	0	1	0	ECI2	23.73	24.50
40185	40383	QPSK	1	0	0	0	1	0	ECI2	23.37	24.50
40620	40818	QPSK	1	0	0	0	1	0	ECI2	23.42	24.50
41055	41253	QPSK	1	0	0	0	1	0	ECI2	23.40	24.50
41490	41292	QPSK	1	0	0	0	1	0	ECI2	23.44	24.50
39750	39948	QPSK	1	0	0	0	1	0	ECI3	16.30	17.00
40185	40383	QPSK	1	0	0	0	1	0	ECI3	16.02	17.00
40620	40818	QPSK	1	0	0	0	1	0	ECI3	15.98	17.00
41055	41253	QPSK	1	0	0	0	1	0	ECI3	15.92	17.00
41490	41292	QPSK	1	0	0	0	1	0	ECI3	16.02	17.00
39750	39948	QPSK	1	0	0	0	1	0	ECI4	23.73	24.50
40185	40383	QPSK	1	0	0	0	1	0	ECI4	23.37	24.50
40620	40818	QPSK	1	0	0	0	1	0	ECI4	23.42	24.50
41055	41253	QPSK	1	0	0	0	1	0	ECI4	23.40	24.50
41490	41292	QPSK	1	0	0	0	1	0	ECI4	23.44	24.50

CA_41C_Ant 1											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	0	0	0	1	0	Full Power	23.11	24.00
40185	40383	QPSK	1	0	0	0	1	0	Full Power	23.09	24.00
40620	40818	QPSK	1	0	0	0	1	0	Full Power	23.03	24.00
41055	41253	QPSK	1	0	0	0	1	0	Full Power	23.05	24.00
41490	41292	QPSK	1	0	0	0	1	0	Full Power	23.07	24.00
39750	39948	QPSK	1	0	0	0	1	0	ECI1	20.65	21.50
40185	40383	QPSK	1	0	0	0	1	0	ECI1	20.63	21.50
40620	40818	QPSK	1	0	0	0	1	0	ECI1	20.55	21.50
41055	41253	QPSK	1	0	0	0	1	0	ECI1	20.56	21.50
41490	41292	QPSK	1	0	0	0	1	0	ECI1	20.62	21.50
39750	39948	QPSK	1	0	0	0	1	0	ECI2	17.65	18.50
40185	40383	QPSK	1	0	0	0	1	0	ECI2	17.61	18.50
40620	40818	QPSK	1	0	0	0	1	0	ECI2	17.55	18.50
41055	41253	QPSK	1	0	0	0	1	0	ECI2	17.56	18.50
41490	41292	QPSK	1	0	0	0	1	0	ECI2	17.62	18.50
39750	39948	QPSK	1	0	0	0	1	0	ECI3	15.65	16.50
40185	40383	QPSK	1	0	0	0	1	0	ECI3	15.61	16.50
40620	40818	QPSK	1	0	0	0	1	0	ECI3	15.56	16.50
41055	41253	QPSK	1	0	0	0	1	0	ECI3	15.55	16.50
41490	41292	QPSK	1	0	0	0	1	0	ECI3	15.63	16.50
39750	39948	QPSK	1	0	0	0	1	0	ECI4	14.16	15.00
40185	40383	QPSK	1	0	0	0	1	0	ECI4	14.11	15.00
40620	40818	QPSK	1	0	0	0	1	0	ECI4	14.06	15.00
41055	41253	QPSK	1	0	0	0	1	0	ECI4	14.03	15.00
41490	41292	QPSK	1	0	0	0	1	0	ECI4	14.13	15.00

FR1 n2_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				372000	376000	380000	24.7	0.0	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	1	23.43	23.17	23.47			
20	QPSK	1	53	23.19	22.94	23.26			
20	QPSK	1	104	23.32	23.06	23.36	23.7	1.0	
20	QPSK	50	0	22.47	22.18	22.48	23.7	0.0	
20	QPSK	50	28	23.39	23.12	23.41	24.7	0.0	
20	QPSK	50	56	22.18	21.92	22.21	23.7	1.0	
20	QPSK	100	0	22.30	22.03	22.31	23.7	1.0	
20	16QAM	1	1	21.87	21.72	21.90	23.7	1.0	
20	64QAM	1	1	20.50	20.22	20.54	22.2	2.5	
20	256QAM	1	1	19.11	18.83	19.16	20.2	4.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	23.32	23.03	23.40	24.7	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	24.7	0.0	
10	QPSK	1	1	23.37	23.05	23.41	24.7	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	24.7	0.0	
5	QPSK	1	1	23.29	23.11	23.42	24.7	0.0	

Full&Default Power Mode									
FR1 n2_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	24.2	0.0	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	1	23.32	23.03	23.23			
20	QPSK	1	53	23.29	23.02	23.23			
20	QPSK	1	104	23.20	22.89	23.13	23.2	1.0	
20	QPSK	50	0	22.33	22.07	22.30	23.2	0.0	
20	QPSK	50	28	23.24	22.96	23.17	24.2	0.0	
20	QPSK	50	56	22.14	21.83	22.06	23.2	1.0	
20	QPSK	100	0	22.27	21.96	22.17	23.2	1.0	
20	16QAM	1	1	22.18	21.91	22.13	23.2	1.0	
20	64QAM	1	1	20.51	20.21	20.45	21.7	2.5	
20	256QAM	1	1	19.09	18.82	19.04	19.7	4.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	23.26	22.95	23.11	24.2	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	24.2	0.0	
10	QPSK	1	1	23.19	22.98	23.12	24.2	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	24.2	0.0	
5	QPSK	1	1	23.27	22.94	23.20	24.2	0.0	

FR1 n2_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	24.2	0.0	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	1	22.88	22.83	22.90			
20	QPSK	1	53	22.77	22.46	22.79			
20	QPSK	1	104	22.79	22.53	22.81	23.2	1.0	
20	QPSK	50	0	21.88	21.62	21.94	23.2	0.0	
20	QPSK	50	28	22.82	22.55	22.83	24.2	0.0	
20	QPSK	50	56	21.73	21.43	21.74	23.2	1.0	
20	QPSK	100	0	21.81	21.51	21.84	23.2	1.0	
20	16QAM	1	1	21.45	21.28	21.48	23.2	1.0	
20	64QAM	1	1	20.06	19.76	20.08	21.7	2.5	
20	256QAM	1	1	18.69	18.39	18.71	19.7	4.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	22.87	22.52	22.88	24.2	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	24.2	0.0	
10	QPSK	1	1	22.92	22.49	22.82	24.2	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	24.2	0.0	
5	QPSK	1	1	22.83	22.51	22.90	24.2	0.0	

22.83

FR1 n5_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				166900	167300	167800	24.7	0.0	
Frequency (MHz)				834	836.5	839			
20	QPSK	1	1	22.07	23.16	23.00	24.7	0.0	
20	QPSK	1	53	23.02	23.12	22.93			
20	QPSK	1	104	22.72	22.82	22.76	23.7	1.0	
20	QPSK	50	0	21.86	21.98	21.80	23.7	1.0	
20	QPSK	50	26	22.91	22.96	22.90	24.7	0.0	
20	QPSK	50	56	21.77	21.88	21.70	23.7	1.0	
20	QPSK	100	0	21.82	21.91	21.74	23.7	1.0	
20	16QAM	1	1	21.77	21.85	21.75	23.7	1.0	
20	64QAM	1	1	20.82	20.83	20.74	22.2	2.5	
20	256QAM	1	1	18.75	18.85	18.65	20.2	4.5	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				831.5	836.5	841.5	14.7	(dB)	
15	QPSK	1	1	22.99	23.09	22.95	24.7	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR	
Frequency (MHz)				832	836.5	844	(dB)		
10	QPSK	1	1	22.97	23.04	22.95	24.7	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				836.5	836.5	846.5	(dBm)	(dB)	
5	QPSK	1	1	22.95	23.02	22.95	24.7	0.0	

FR1 n5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166900	167300	167800	23.9	0.0	
Frequency (MHz)				834	836.5	839			
20	QPSK	1	1	22.99	22.94	22.93	23.9	0.0	
20	QPSK	1	53	22.91	22.85	22.81			
20	QPSK	1	104	22.81	22.79	22.80	22.9	1.0	
20	QPSK	50	0	21.87	21.81	21.80	22.9	1.0	
20	QPSK	50	26	22.94	22.91	22.91	23.9	0.0	
20	QPSK	50	56	21.84	21.80	21.79	22.9	1.0	
20	QPSK	100	0	21.86	21.82	21.78	22.9	1.0	
20	16QAM	1	1	21.90	21.88	21.84	22.9	1.0	
20	64QAM	1	1	20.55	20.53	20.52	21.4	2.5	
20	256QAM	1	1	18.73	18.72	18.71	19.4	4.5	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)	
15	QPSK	1	1	22.84	22.85	22.84	23.9	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR	
Frequency (MHz)				832	836.5	844	(dB)		
10	QPSK	1	1	22.94	22.94	22.79	23.9	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				836.5	836.5	846.5	(dBm)	(dB)	
5	QPSK	1	1	22.85	22.86	22.87	23.9	0.0	

FR1 n7_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				505000	507000	509000	24.2	0.0	
Frequency (MHz)				2525	2535	2545			
50	QPSK	1	1	22.76	22.80	22.72	24.2	0.0	
50	QPSK	1	135	22.69	22.72	22.65			
50	QPSK	1	268	22.62	22.64	22.66	23.2	1.0	
50	QPSK	135	0	21.77	21.78	21.71	23.2	1.0	
50	QPSK	135	68	22.73	22.78	22.71	24.2	0.0	
50	QPSK	135	135	21.66	21.69	21.62	23.2	1.0	
50	QPSK	270	0	21.67	21.68	21.60	21.0		
50	16QAM	1	1	21.37	21.43	21.34	23.2	1.0	
50	64QAM	1	1	19.94	19.97	19.90	21.7	2.5	
50	256QAM	1	1	18.58	18.59	18.47	19.7	4.5	
Channel				502500	507000	510000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2526	2535	2550	(dBm)	(dB)	
40	QPSK	1	1	22.68	22.70	22.72	24.2	0.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2518	2534	2564	(dBm)		
30	QPSK	1	1	22.74	22.73	22.64	24.2	0.0	
Channel				502500	507000	511000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)	
25	QPSK	1	1	22.64	22.79	22.71	24.2	0.0	
Channel				502500	507000	510000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2519	2535	2560	(dBm)		
20	QPSK	1	1	22.67	22.65	22.60	24.2	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2507.5	2535	2567.5	(dBm)		
15	QPSK	1	1	22.62	22.79	22.64	24.2	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2506	2535	2565	(dBm)		
10	QPSK	1	1	22.65	22.71	22.65	24.2	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2502.5	2535	2567.5	(dBm)		
5	QPSK	1	1	22.68	22.65	22.57	24.2	0.0	

FR1 n7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				50000	507000	509000	23.7	0.0	
Frequency (MHz)				2505	2535	2545			
50	QPSK	1	1	22.46	22.53	22.41			
50	QPSK	1	135	22.39	22.49	22.34			
50	QPSK	1	248	22.41	22.51	22.40	22.7	1.0	1.0
50	QPSK	135	0	21.32	21.39	21.29	22.7	0.0	0.0
50	QPSK	135	68	22.44	22.51	22.40	23.7	0.0	0.0
50	QPSK	135	135	21.33	21.40	21.30	22.7	1.0	1.0
50	QPSK	270	0	21.26	21.34	21.22	22.7	1.0	1.0
50	16QAM	1	1	21.29	21.27	21.24	22.7	1.0	1.0
50	64QAM	1	1	19.71	19.80	19.70	21.2	2.5	2.5
50	256QAM	1	1	18.16	18.22	18.08	19.2	4.5	4.5
Channel				500000	507000	510000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2520	2535	2550	23.7	0.0	0.0
40	QPSK	1	1	22.32	22.46	22.33	23.7	0.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2515	2535	2555	23.7	0.0	0.0
30	QPSK	1	1	22.35	22.40	22.41	23.7	0.0	0.0
Channel				505000	507000	511500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2512.5	2535	2557.5	23.7	0.0	0.0
25	QPSK	1	1	22.32	22.47	22.28	23.7	0.0	0.0
Channel				505000	507000	512000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2510	2535	2560	23.7	0.0	0.0
20	QPSK	1	1	22.39	22.39	22.26	23.7	0.0	0.0
Channel				501000	507000	512000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2507.5	2535	2562.5	23.7	0.0	0.0
15	QPSK	1	1	22.35	22.48	22.32	23.7	0.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2505	2535	2565	23.7	0.0	0.0
10	QPSK	1	1	22.35	22.39	22.31	23.7	0.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2502.5	2535	2567.5	23.7	0.0	0.0
5	QPSK	1	1	22.38	22.41	22.38	23.7	0.0	0.0

FR1 n26_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				164800	165300	165800	24.7	0.0	
Frequency (MHz)				824	831.5	839			
20	QPSK	1	1	22.98	23.06	22.93			
20	QPSK	1	53	22.81	22.87	22.77			
20	QPSK	1	104	22.85	22.92	22.82	23.7	1.0	1.0
20	QPSK	50	0	21.88	21.98	21.87	23.7	0.0	0.0
20	QPSK	50	28	22.90	22.96	22.84	24.7	0.0	0.0
20	QPSK	50	56	21.84	21.94	21.85	23.7	1.0	1.0
20	QPSK	100	0	21.86	21.93	21.85	23.7	1.0	1.0
20	16QAM	1	1	21.75	21.82	21.74	23.7	1.0	1.0
20	64QAM	1	1	20.33	20.42	20.33	22.2	2.5	2.5
20	256QAM	1	1	18.77	18.86	18.76	20.2	4.5	4.5
Channel				165300	165300	165300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				821.5	831.5	841.5	24.7	0.0	0.0
15	QPSK	1	1	22.89	23.01	22.79	24.7	0.0	0.0
Channel				163800	165300	166800	Tune-up limit (dBm)	MPR	
Frequency (MHz)				819	831.5	844	24.7	0.0	0.0
10	QPSK	1	1	22.88	22.95	22.84	24.7	0.0	0.0
Channel				163300	165300	166300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				816.5	831.5	846.5	24.7	0.0	0.0
5	QPSK	1	1	22.90	22.96	22.81	24.7	0.0	0.0

FR1 n26_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	165300	165800	24.2	0.0	
Frequency (MHz)				824	831.5	839			
20	QPSK	1	1	22.94	22.95	22.90			
20	QPSK	1	53	22.83	22.83	22.80			
20	QPSK	1	104	22.82	22.81	22.77	23.2	1.0	1.0
20	QPSK	50	0	21.88	21.86	21.85	23.2	0.0	0.0
20	QPSK	50	28	22.86	22.90	22.86	24.2	0.0	0.0
20	QPSK	50	56	21.88	21.90	21.85	23.2	1.0	1.0
20	QPSK	100	0	21.85	21.87	21.86	23.2	1.0	1.0
20	16QAM	1	1	21.73	21.71	21.70	23.2	1.0	1.0
20	64QAM	1	1	20.32	20.34	20.34	21.7	2.5	2.5
20	256QAM	1	1	18.70	18.73	18.73	19.7	4.5	4.5
Channel				165300	165300	165300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				821.5	831.5	841.5	24.2	0.0	0.0
15	QPSK	1	1	22.83	22.86	22.78	24.2	0.0	0.0
Channel				163800	165300	166800	Tune-up limit (dBm)	MPR	
Frequency (MHz)				819	831.5	844	24.2	0.0	0.0
10	QPSK	1	1	22.89	22.81	22.80	24.2	0.0	0.0
Channel				163300	165300	166300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				816.5	831.5	846.5	24.2	0.0	0.0
5	QPSK	1	1	22.87	22.80	22.81	24.2	0.0	0.0

FR1 n66_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)				1745	1745	1760			
40	QPSK	1	1	23.01	23.09	23.06	24.4	0.0	
40	QPSK	1	108	22.90	22.98	22.95			
40	QPSK	1	244	22.83	22.92	22.90			
40	QPSK	108	0	22.02	22.08	22.07			
40	QPSK	108	54	22.98	23.05	23.02			
40	QPSK	108	108	22.02	22.08	22.08	23.4	1.0	
40	QPSK	246	0	21.92	22.02	21.99	23.4	1.0	
40	16QAM	1	1	21.65	21.74	21.71	23.4	1.0	
40	64QAM	1	1	20.23	20.32	20.28	21.9	2.5	
40	256QAM	1	1	18.85	18.91	18.88	19.9	4.5	
Channel									
Frequency (MHz)				1725	1745	1765	Tune-up limit (dBm)		
30	QPSK	1	1	22.95	23.06	23.03	24.4	0.0	
Channel									
Frequency (MHz)				1722.5	1745	1747.5	Tune-up limit (dBm)	MPR	
25	QPSK	1	1	22.92	23.04	22.99	24.4	0.0	
Channel									
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)	MPR	
20	QPSK	1	1	22.85	22.99	22.92	24.4	0.0	
Channel									
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR	
15	QPSK	1	1	22.82	23.03	23.05	24.4	0.0	
Channel									
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR	
10	QPSK	1	1	22.85	22.94	23.04	24.4	0.0	
Channel									
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR	
5	QPSK	1	1	22.83	22.98	22.93	24.4	0.0	

FR1 n66_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				1745	1745	1760			
40	QPSK	1	1	23.00	23.06	23.02	23.9	0.0	
40	QPSK	1	108	22.86	22.94	22.92			
40	QPSK	1	244	22.76	22.83	22.81			
40	QPSK	108	0	21.90	21.98	21.95			
40	QPSK	106	54	22.85	23.04	23.01			
40	QPSK	108	108	21.83	21.97	21.94	22.9	1.0	
40	QPSK	246	0	21.82	21.90	21.95	22.9	1.0	
40	16QAM	1	1	21.59	21.68	21.66	22.9	1.0	
40	64QAM	1	1	20.20	20.28	20.24	21.4	2.5	
40	256QAM	1	1	18.79	18.87	18.82	19.4	4.5	
Channel									
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	22.96	22.95	22.93	23.9	0.0	
Channel									
Frequency (MHz)				1722.5	1745	1747.5			
25	QPSK	1	1	22.97	22.93	22.95	23.9	0.0	
Channel									
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	22.86	22.88	22.84	23.9	0.0	
Channel									
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	22.89	22.96	22.92	23.9	0.0	
Channel									
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	22.87	23.00	22.99	23.9	0.0	
Channel									
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	22.88	22.95	22.95	23.9	0.0	

FR1 n66_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dB)	MPR (dB)	
Channel									
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	22.80	22.81	23.04	23.9	0.0	
40	QPSK	1	108	22.64	22.76	22.90			
40	QPSK	1	214	22.78	22.89	23.02			
40	QPSK	108	0	21.46	21.62	21.77			
40	QPSK	108	54	22.60	22.76	22.89			
40	QPSK	108	108	21.61	21.77	21.93	22.9	1.0	
40	QPSK	246	0	21.57	21.70	21.87	22.9	1.0	
40	16QAM	1	1	21.40	21.43	21.51	22.9	1.0	
40	64QAM	1	1	19.96	19.98	20.05	21.4	2.5	
40	256QAM	1	1	18.38	18.50	18.67	19.4	4.5	
Channel									
Frequency (MHz)				1725	1745	1765	(dBm)		
30	QPSK	1	1	22.42	22.73	22.85	23.9	0.0	
Channel									
Frequency (MHz)				1722.5	1745	1747.5	Tune-up limit (dB)		
25	QPSK	1	1	22.43	22.71	22.86	23.9	0.0	
Channel									
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	22.43	22.67	22.85	23.9	0.0	
Channel									
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	22.40	22.66	22.86	23.9	0.0	
Channel									
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	22.48	22.62	22.83	23.9	0.0	
Channel									
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	22.37	22.64	22.79	23.9	0.0	

n38_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)									
				518004	519000	519996			
				2590.02	2595	2599.98			
40	QPSK	1	1	23.07	23.11	23.05			
40	QPSK	1	53	22.94	23.03	22.94	24.2	0.0	
40	QPSK	1	104	22.89	22.94	22.84			
40	QPSK	50	0	21.75	21.83	21.78			
40	QPSK	50	28	22.79	22.83	22.76	24.2	0.0	
40	QPSK	50	56	21.78	21.82	21.74			
40	QPSK	100	0	21.71	21.80	21.75	23.2	1.0	
40	16QAM	1	1	21.75	21.83	21.74	23.2	1.0	
40	64QAM	1	1	20.27	20.25	20.20	21.7	2.5	
40	256QAM	1	1	18.57	18.66	18.60	19.7	4.5	
Channel									
Frequency (MHz)									
				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
				2685.01	2690	2694.99			
30	QPSK	1	1	22.93	22.98	23.02	24.2	0.0	
Channel									
Frequency (MHz)									
				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
				2592.02	2595	2607.48			
25	QPSK	1	1	22.95	23.08	22.99	24.2	0.0	
Channel									
Frequency (MHz)									
				518000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
				2590	2595	2610			
20	QPSK	1	1	22.92	23.09	23.00	24.2	0.0	
Channel									
Frequency (MHz)									
				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
				2577.51	2595	2612.49			
15	QPSK	1	1	22.93	23.02	23.00	24.2	0.0	
Channel									
Frequency (MHz)									
				515004	522000	522998	Tune-up limit (dBm)	MPR (dB)	
				2575.02	2595	2614.98			
10	QPSK	1	1	23.02	22.97	22.95	24.2	0.0	

n38_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.91	22.92	22.90	23.7	0.0	
40	QPSK	1	53	22.87	22.90	22.88			
40	QPSK	1	104	22.80	22.85	22.81			
40	QPSK	50	0	21.73	21.74	21.71			
40	QPSK	50	28	22.82	22.84	22.81	23.7	0.0	
40	QPSK	50	58	21.85	21.70	21.64			
40	QPSK	100	0	21.78	21.78	21.72			
40	16QAM	1	1	21.78	21.79	21.77			
40	64QAM	1	1	20.28	20.31	20.26	21.2	2.5	
40	256QAM	1	1	18.48	18.50	18.44	19.2	4.5	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.85	22.86	22.79	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	22.85	22.86	22.79	23.7	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	22.71	22.79	22.80	23.7	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.70	22.74	22.78	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	22.70	22.74	22.78	23.7	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.71	22.79	22.80	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	22.78	22.82	22.76	23.7	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.74	22.82	22.79	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	22.74	22.82	22.79	23.7	0.0	

n41_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)									
100	QPSK	1	1	23.44	23.22	22.94	24.2	0.0	
100	QPSK	1	137	23.30	22.98	22.76			
100	QPSK	1	271	23.15	22.90	22.67			
100	QPSK	135	0	22.12	22.02	21.78			
100	QPSK	135	89	23.24	22.99	22.73	24.2	0.0	
100	QPSK	135	138	22.12	21.88	21.65			
100	QPSK	270	0	22.11	21.88	21.62			
100	16QAM	1	1	21.91	21.68	21.44			
100	64QAM	1	1	20.38	20.16	19.89	21.7	2.5	
100	256QAM	1	1	19.00	18.78	18.56	19.7	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	23.39	23.21	22.92	24.2	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.29	23.12	22.89	24.2	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	23.44	23.18	22.87	24.2	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	23.40	23.18	22.86	24.2	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.39	23.10	22.88	24.2	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.39	23.09	22.84	24.2	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.43	23.07	22.89	24.2	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.42	23.17	22.93	24.2	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.32	23.09	22.95	24.2	0.0	

n41_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2549.01	2592.99	2640		
100	QPSK	1	1	23.07	22.93	23.14		
100	QPSK	1	137	22.86	22.72	22.48	23.7	0.0
100	QPSK	1	271	22.73	22.58	22.36		
100	QPSK	135	0	21.80	21.64	21.42		
100	QPSK	135	69	22.02	22.73	22.54	23.7	0.0
100	QPSK	135	135	21.75	21.81	21.36		
100	QPSK	270	0	21.67	21.53	21.31	22.7	1.0
100	16QAM	1	1	21.47	21.33	22.22	22.7	1.0
100	64QAM	1	1	20.01	19.84	19.75	21.2	2.5
100	256QAM	1	1	18.65	18.48	18.28	19.2	4.5
Channel				509200	518598	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.99		
90	QPSK	1	1	22.94	22.85	22.80	23.7	0.0
Channel				507204	518598	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.08	22.78	22.69	23.7	0.0
Channel				505200	518598	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.99		
60	QPSK	1	1	23.02	22.82	22.69	23.7	0.0
Channel				504204	518598	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.00	22.83	22.69	23.7	0.0
Channel				503202	518598	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.92	22.88	22.70	23.7	0.0
Channel				502200	518598	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.99		
30	QPSK	1	1	23.03	22.88	22.81	23.7	0.0
Channel				501204	518598	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.93	22.80	22.64	23.7	0.0
Channel				500700	518598	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.5	2592.99	2682.49		
15	QPSK	1	1	23.01	22.82	22.81	23.7	0.0
Channel				500202	518598	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.01	22.81	22.89	23.7	0.0

FR1 n2_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				372000	376000	380000	23.2	0.0	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	1	21.90	21.63	21.96			
20	QPSK	1	53	21.76	21.53	21.93			
20	QPSK	1	104	21.77	21.49	21.92	23.2	0.0	
20	QPSK	50	0	21.70	21.46	21.81	23.2	0.0	
20	QPSK	50	28	21.85	21.51	21.87	23.2	0.0	
20	QPSK	50	56	21.74	21.46	21.76	23.2	0.0	
20	QPSK	100	0	21.75	21.37	21.76	23.2	0.0	
20	16QAM	1	1	21.78	21.57	21.83	23.2	0.0	
20	64QAM	1	1	20.50	20.22	20.54	22.2	1.0	
20	256QAM	1	1	19.11	18.83	19.16	20.2	3.0	
Channel				371000	376000	382000	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	21.79	21.52	21.83	23.2	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	23.2	0.0	
10	QPSK	1	1	21.78	21.54	21.93	23.2	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	23.2	0.0	
5	QPSK	1	1	21.80	21.54	21.89	23.2	0.0	

Reduced Power Mode for ECI 1									
FR1 n2_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	19.7	0.0	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	1	18.82	18.46	18.70			
20	QPSK	1	53	18.70	18.31	18.62			
20	QPSK	1	104	18.74	18.41	18.62	19.7	0.0	
20	QPSK	50	0	18.66	18.24	18.48	19.7	0.0	
20	QPSK	50	28	18.75	18.37	18.50	19.7	0.0	
20	QPSK	50	56	18.64	18.29	18.48	19.7	0.0	
20	QPSK	100	0	18.68	18.27	18.49	19.7	0.0	
20	16QAM	1	1	18.77	18.40	18.58	19.7	0.0	
20	64QAM	1	1	18.72	18.35	18.50	19.7	0.0	
20	256QAM	1	1	18.67	18.34	18.69	19.7	0.0	
Channel				371000	376000	382000	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	18.70	18.34	18.63	19.7	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	19.7	0.0	
10	QPSK	1	1	18.67	18.36	18.64	19.7	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	19.7	0.0	
5	QPSK	1	1	18.68	18.40	18.62	19.7	0.0	

FR1 n2_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	21.7	0.0	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	1	20.29	20.01	20.37			
20	QPSK	1	53	20.18	19.95	20.36			
20	QPSK	1	104	20.22	19.90	20.33	21.7	0.0	
20	QPSK	50	0	20.10	19.76	20.16	21.7	0.0	
20	QPSK	50	28	20.22	19.90	20.30	21.7	0.0	
20	QPSK	50	56	20.17	19.85	20.26	21.7	0.0	
20	QPSK	100	0	20.09	19.78	20.17	21.7	0.0	
20	16QAM	1	1	20.22	19.87	20.35	21.7	0.0	
20	64QAM	1	1	20.06	19.76	20.08	21.7	0.0	
20	256QAM	1	1	18.69	18.39	18.71	19.7	2.0	
Channel				371000	376000	382000	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	20.21	19.88	20.33	21.7	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	21.7	0.0	
10	QPSK	1	1	20.22	19.88	20.27	21.7	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	21.7	0.0	
5	QPSK	1	1	20.15	19.96	20.35	21.7	0.0	

FR1 n5_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				166800	167300	167800	24.7	0.0	
Frequency (MHz)				834	836.5	839			
20	QPSK	1	1	22.07	23.16	23.00			
20	QPSK	1	53	23.02	23.12	22.93			
20	QPSK	1	104	22.72	22.82	22.76	23.7	1.0	
20	QPSK	50	0	21.86	21.98	21.80	23.7	1.0	
20	QPSK	50	26	22.91	22.96	22.90	24.7	0.0	
20	QPSK	50	56	21.77	21.88	21.70	23.7	1.0	
20	QPSK	100	0	21.82	21.91	21.74	23.7	1.0	
20	16QAM	1	1	21.77	21.85	21.75	23.7	1.0	
20	64QAM	1	1	20.82	20.83	20.74	22.2	2.5	
20	256QAM	1	1	18.75	18.85	18.65	20.2	4.5	
Channel				165300	167300	169300	24.7	0.0	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	22.99	23.09	22.95	24.7	0.0	
Channel				165800	167300	168800	24.7	0.0	
Frequency (MHz)				832	836.5	844			
10	QPSK	1	1	22.97	23.04	22.95	24.7	0.0	
Channel				165300	167300	169300	24.7	0.0	
Frequency (MHz)				836.5	836.5	846.5			
5	QPSK	1	1	22.95	23.02	22.95	24.7	0.0	

FR1 n5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800	23.9	0.0	
Frequency (MHz)				834	836.5	839			
20	QPSK	1	1	22.99	22.94	22.93			
20	QPSK	1	53	22.91	22.85	22.81			
20	QPSK	1	104	22.81	22.79	22.80	22.9	1.0	
20	QPSK	50	0	21.87	21.81	21.80	22.9	1.0	
20	QPSK	50	26	22.94	22.91	22.91	23.9	0.0	
20	QPSK	50	56	21.84	21.80	21.79	22.9	1.0	
20	QPSK	100	0	21.86	21.82	21.78	22.9	1.0	
20	16QAM	1	1	21.90	21.88	21.84	22.9	1.0	
20	64QAM	1	1	20.55	20.53	20.52	21.4	2.5	
20	256QAM	1	1	18.73	18.72	18.71	19.4	4.5	
Channel				165300	167300	169300	23.9	0.0	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	22.84	22.85	22.84	23.9	0.0	
Channel				165800	167300	168800	23.9	0.0	
Frequency (MHz)				832	836.5	844			
10	QPSK	1	1	22.94	22.94	22.79	23.9	0.0	
Channel				165300	167300	169300	23.9	0.0	
Frequency (MHz)				836.5	836.5	846.5			
5	QPSK	1	1	22.85	22.86	22.87	23.9	0.0	

FR1 n7_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				505000	507000	509000	22.2	0.0	
Frequency (MHz)				2525	2535	2545			
50	QPSK	1	1	20.70	20.77	20.68			
50	QPSK	1	135	20.63	20.62	20.59			
40	QPSK	1	268	20.61	20.72	20.60	22.2	0.0	
50	QPSK	135	0	20.59	20.60	20.57	22.2	0.0	
50	QPSK	135	68	20.64	20.70	20.62	22.2	0.0	
50	QPSK	135	135	20.49	20.57	20.53	22.2	0.0	
40	QPSK	210	0	20.53	20.59	20.56	22.2	0.0	
50	16QAM	1	1	20.50	20.64	20.61	22.2	0.0	
50	64QAM	1	1	19.94	19.97	19.90	21.7	0.5	
50	256QAM	1	1	18.58	18.59	18.47	19.7	2.5	
Channel				503500	507000	510500	22.2	0.0	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	20.62	20.63	20.60	22.2	0.0	
Channel				503000	507000	511000	22.2	0.0	
Frequency (MHz)				2518	2535	2554			
30	QPSK	1	1	20.56	20.71	20.60	22.2	0.0	
Channel				502500	507000	511500	22.2	0.0	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	20.63	20.72	20.68	22.2	0.0	
Channel				502000	507000	512000	22.2	0.0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	1	20.64	20.62	20.64	22.2	0.0	
Channel				501500	507000	512500	22.2	0.0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	20.62	20.67	20.53	22.2	0.0	
Channel				501000	507000	513000	22.2	0.0	
Frequency (MHz)				2506	2535	2565			
10	QPSK	1	1	20.56	20.63	20.59	22.2	0.0	
Channel				500500	507000	513500	22.2	0.0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	20.62	20.67	20.65	22.2	0.0	

FR1 n7_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				50000	507000	509000			
Frequency (MHz)				2505	2535	2545			
50	QPSK	1	1	20.37	20.50	20.36			
50	QPSK	1	135	20.27	20.38	20.31	21.7	0.0	
50	QPSK	1	268	20.26	20.45	20.34	21.7	0.0	
50	QPSK	135	0	20.14	20.32	20.13	21.7	0.0	
50	QPSK	135	68	20.22	20.43	20.25	21.7	0.0	
50	QPSK	135	135	20.15	20.29	20.17	21.7	0.0	
50	QPSK	270	0	20.08	20.26	20.19	21.7	0.0	
50	16QAM	1	1	20.07	20.32	20.18	21.7	0.0	
50	64QAM	1	1	19.71	19.80	19.70	21.2	0.5	
50	256QAM	1	1	18.16	18.22	18.08	19.2	2.5	
Channel				500000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	20.32	20.41	20.33	21.7	0.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	20.31	20.38	20.21	21.7	0.0	
Channel				502000	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	20.28	20.39	20.35	21.7	0.0	
Channel				500000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	1	20.27	20.37	20.29	21.7	0.0	
Channel				501000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	20.32	20.40	20.31	21.7	0.0	
Channel				501000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	20.32	20.42	20.32	21.7	0.0	
Channel				500000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	20.26	20.41	20.26	21.7	0.0	

FR1 n26_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				164000	165000	167000			
Frequency (MHz)				824	831.5	839			
20	QPSK	1	1	22.98	23.08	22.93			
20	QPSK	1	53	22.81	22.87	22.77	24.7	0.0	
20	QPSK	1	104	22.85	22.92	22.82	23.7	1.0	
20	QPSK	50	0	21.88	21.98	21.87	23.7	1.0	
20	QPSK	50	28	22.90	22.96	22.84	24.7	0.0	
20	QPSK	50	56	21.84	21.94	21.85	23.7	1.0	
20	QPSK	100	0	21.86	21.93	21.85	23.7	1.0	
20	16QAM	1	1	21.75	21.82	21.74	23.7	1.0	
20	64QAM	1	1	20.33	20.42	20.33	22.2	2.5	
20	256QAM	1	1	18.77	18.86	18.76	20.2	4.5	
Channel				164000	165000	167000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	22.89	23.01	22.79	24.7	0.0	
Channel				163800	165000	166800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	22.88	22.95	22.84	24.7	0.0	
Channel				163000	165000	166000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	22.90	22.96	22.81	24.7	0.0	

FR1 n26_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				164000	165000	167000			
Frequency (MHz)				824	831.5	839			
20	QPSK	1	1	22.94	22.95	22.90			
20	QPSK	1	53	22.83	22.83	22.80	24.2	0.0	
20	QPSK	1	104	22.82	22.81	22.77	23.2	1.0	
20	QPSK	50	0	21.88	21.86	21.85	23.2	1.0	
20	QPSK	50	28	22.86	22.90	22.86	24.2	0.0	
20	QPSK	50	56	21.88	21.90	21.85	23.2	1.0	
20	QPSK	100	0	21.85	21.87	21.86	23.2	1.0	
20	16QAM	1	1	21.73	21.71	21.70	23.2	1.0	
20	64QAM	1	1	20.32	20.34	20.34	21.7	2.5	
20	256QAM	1	1	18.70	18.73	18.73	19.7	4.5	
Channel				164000	165000	167000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	22.83	22.86	22.78	24.2	0.0	
Channel				163800	165000	166800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	22.89	22.81	22.80	24.2	0.0	
Channel				163000	165000	166000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	22.87	22.80	22.81	24.2	0.0	

FR1 n66_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)				1745	1760	1775					
40	QPSK	1	1	21.42	21.57	21.48	22.9				
40	QPSK	1	108	21.31	21.49	21.41					
40	QPSK	1	214	21.35	21.51	21.34					
40	QPSK	108	0	21.16	21.41	21.36	22.9	0.0			
40	QPSK	108	54	21.28	21.52	21.38	22.9	0.0			
40	QPSK	108	108	21.19	21.39	21.35	22.9	0.0			
40	QPSK	216	0	21.22	21.37	21.32	22.9	0.0			
40	16QAM	1	1	21.19	21.40	21.25	22.9	0.0			
40	64QAM	1	1	20.23	20.32	20.28	21.9	1.0			
40	256QAM	1	1	18.85	18.91	18.88	19.9	3.0			
Channel											
Frequency (MHz)				1725	1745	1765					
30	QPSK	1	1	21.38	21.45	21.45	22.9	0.0			
Channel											
Frequency (MHz)				1722.5	1745	1747.5					
25	QPSK	1	1	21.37	21.43	21.47	22.9	0.0			
Channel											
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	1	21.35	21.47	21.44	22.9	0.0			
Channel											
Frequency (MHz)				1717.5	1745	1772.5					
15	QPSK	1	1	21.27	21.46	21.43	22.9	0.0			
Channel											
Frequency (MHz)				1715	1745	1775					
10	QPSK	1	1	21.34	21.44	21.44	22.9	0.0			
Channel											
Frequency (MHz)				1712.5	1745	1777.5					
5	QPSK	1	1	21.29	21.40	21.47	22.9	0.0			

FR1 n66_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				1740	1745	1760			
40	QPSK	1	1	20.40	20.54	20.43	21.4		
40	QPSK	1	108	20.28	20.41	20.29			
40	QPSK	1	214	20.29	20.44	20.30			
40	QPSK	108	0	20.18	20.30	20.24	21.4	0.0	
40	QPSK	108	54	20.33	20.41	20.34	21.4	0.0	
40	QPSK	108	108	20.21	20.32	20.29	21.4	0.0	
40	QPSK	216	0	20.24	20.32	20.32	21.4	0.0	
40	16QAM	1	1	20.26	20.27	20.29	21.4	0.0	
40	64QAM	1	1	20.20	20.28	20.24	21.4	0.0	
40	256QAM	1	1	18.79	18.87	18.82	19.4	2.0	
Channel									
Frequency (MHz)				1725	1745	1765	Tune-up limit (dBm)		
30	QPSK	1	1	20.33	20.45	20.30	21.4	0.0	
Channel									
Frequency (MHz)				1722.5	1745	1747.5	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	20.34	20.44	20.28	21.4	0.0	
Channel									
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	20.31	20.47	20.43	21.4	0.0	
Channel									
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	20.34	20.47	20.41	21.4	0.0	
Channel									
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	20.35	20.39	20.28	21.4	0.0	
Channel									
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	20.30	20.39	20.35	21.4	0.0	

FR1 n66_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				1735	1750	1765			
40	QPSK	1	1	19.73	19.82	20.02	20.9		
40	QPSK	1	108	19.71	19.73	19.89			
40	QPSK	1	214	19.67	19.69	19.94			
40	QPSK	108	0	19.58	19.62	19.90	20.9	0.0	
40	QPSK	108	54	19.73	19.67	20.00	20.9	0.0	
40	QPSK	108	108	19.66	19.61	19.89	20.9	0.0	
40	QPSK	216	0	19.61	19.60	19.96	20.9	0.0	
40	16QAM	1	1	19.62	19.57	19.93	20.9	0.0	
40	64QAM	1	1	19.61	19.54	19.88	20.9	0.0	
40	256QAM	1	1	18.38	18.50	18.67	19.4	1.5	
Channel									
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	19.67	19.75	19.95	20.9	0.0	
Channel									
Frequency (MHz)				1722.5	1745	1747.5			
25	QPSK	1	1	19.66	19.73	19.97	20.9	0.0	
Channel									
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	19.70	19.76	19.89	20.9	0.0	
Channel									
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	19.66	19.69	19.89	20.9	0.0	
Channel									
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	19.70	19.71	19.93	20.9	0.0	
Channel									
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	19.64	19.67	19.87	20.9	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2561.02	2595	2599.98		
40	QPSK	1	1	20.51	20.59	20.49	21.7	0.0
40	QPSK	1	53	20.45	20.45	20.46		
40	QPSK	1	104	20.39	20.48	20.35		
40	QPSK	50	0	20.30	20.40	20.21		
40	QPSK	50	28	20.41	20.46	20.34		0.0
40	QPSK	50	56	20.35	20.34	20.30		
40	QPSK	100	0	20.27	20.30	20.22	21.7	0.0
40	16QAM	1	1	20.32	20.31	20.26	21.7	0.0
40	64QAM	1	1	20.27	20.25	20.20	21.7	0.0
40	256QAM	1	1	18.57	18.66	18.60	19.7	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.37	20.47	20.42	21.7	0.0
Channel				518504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.39	20.32	20.31	21.7	0.0
Channel				518000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.38	20.41	20.25	21.7	0.0
Channel				516502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.26	20.41	20.20	21.7	0.0
Channel				516004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.26	20.42	20.33	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	21.14	21.42	21.30	22.2	0.0
40	QPSK	1	53	21.26	21.29	21.27		
40	QPSK	1	104	21.21	21.37	21.18		
40	QPSK	50	0	21.08	21.26	21.16		
40	QPSK	50	28	21.23	21.37	21.15	22.2	0.0
40	QPSK	50	56	21.14	21.31	21.13		
40	QPSK	100	0	21.08	21.26	21.12	22.2	0.0
40	16QAM	1	1	21.12	21.25	21.04	22.2	0.0
40	64QAM	1	1	20.26	20.31	20.26	21.2	1.0
40	256QAM	1	1	18.48	18.50	18.44	19.2	3.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.20	21.31	21.28	22.2	0.0
Channel				518504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	21.20	21.33	21.15	22.2	0.0
Channel				518000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.18	21.33	21.07	22.2	0.0
Channel				516502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.16	21.31	21.11	22.2	0.0
Channel				516004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.12	21.34	21.08	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2591.01	2592.99	2640		
100	QPSK	1	1	21.43	21.17	20.93	22.2	0.0
100	QPSK	1	137	21.30	21.08	20.88		
100	QPSK	1	271	21.27	21.10	20.78		
100	QPSK	135	0	21.16	20.90	20.78		
100	QPSK	135	69	21.30	21.03	20.82	22.2	0.0
100	QPSK	135	138	21.25	20.97	20.75		
100	QPSK	270	0	21.25	20.90	20.75	22.2	0.0
100	16QAM	1	1	21.24	20.95	20.76	22.2	0.0
100	64QAM	1	1	20.36	20.16	19.89	21.7	0.5
100	256QAM	1	1	19.00	18.78	18.56	19.7	2.5
Channel				508200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2584	2593.99	2644.98		
90	QPSK	1	1	21.31	21.04	20.83	22.2	0.0
Channel				507204	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2576.02	2592.99	2649.99		
80	QPSK	1	1	21.35	21.05	20.83	22.2	0.0
Channel				505200	518598	531696	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2568	2592.99	2659.98		
60	QPSK	1	1	21.31	21.07	20.81	22.2	0.0
Channel				504204	518598	532598	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2551.02	2592.99	2664.99		
50	QPSK	1	1	21.37	21.10	20.85	22.2	0.0
Channel				503202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.01	2592.99	2670		
40	QPSK	1	1	21.28	21.08	20.89	22.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.28	21.12	20.90	22.2	0.0
Channel				501204	518598	533998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.36	21.06	20.82	22.2	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.5	2592.99	2682.48		
15	QPSK	1	1	21.37	21.04	20.81	22.2	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.32	21.06	20.85	22.2	0.0

n41_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518998	528000		
Frequency (MHz)				2549.01	2592.99	2640		
100	QPSK	1	1	21.01	20.95	20.75		
100	QPSK	1	137	20.90	20.74	20.66	21.7	0.0
100	QPSK	1	271	20.91	20.74	20.70		
100	QPSK	135	0	20.87	20.67	20.60		
100	QPSK	135	69	20.94	20.72	20.71	21.7	0.0
100	QPSK	135	135	20.89	20.57	20.61		
100	QPSK	270	0	20.88	20.84	20.58	21.7	0.0
100	16QAM	1	1	20.81	20.84	20.62	21.7	0.0
100	64QAM	1	1	20.01	19.84	19.75	21.2	0.5
100	256QAM	1	1	18.65	18.48	18.28	19.2	2.5
Channel				509200	518998	528998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.99		
90	QPSK	1	1	20.96	20.75	20.72	21.7	0.0
Channel				507204	518998	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.88	20.75	20.75	21.7	0.0
Channel				506200	518998	531998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.99		
60	QPSK	1	1	20.86	20.80	20.65	21.7	0.0
Channel				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.83	20.76	20.60	21.7	0.0
Channel				503202	518998	533000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.94	20.73	20.73	21.7	0.0
Channel				502200	518998	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.88	20.74	20.73	21.7	0.0
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.89	20.79	20.63	21.7	0.0
Channel				500700	518998	536498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2500.5	2592.99	2682.48		
15	QPSK	1	1	20.89	20.73	20.75	21.7	0.0
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.95	20.80	20.63	21.7	0.0

FR1 n2_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				372000	376000	380000	24.7	0.0	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	1	23.83	23.17	23.47			
20	QPSK	1	53	23.19	22.94	23.26			
20	QPSK	1	104	23.32	23.06	23.36	23.7	1.0	
20	QPSK	50	0	22.47	22.18	22.48	23.7	0.0	
20	QPSK	50	28	23.39	23.12	23.41	24.7	0.0	
20	QPSK	50	56	22.18	21.92	22.21	23.7	1.0	
20	QPSK	100	0	22.30	22.03	22.31	23.7	0.0	
20	16QAM	1	1	21.87	21.72	21.90	23.7	1.0	
20	64QAM	1	1	20.50	20.22	20.54	22.2	2.5	
20	256QAM	1	1	19.11	18.83	19.16	20.2	4.5	
Channel				371000	376000	382000	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	23.32	23.03	23.40	24.7	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	24.7	0.0	
10	QPSK	1	1	23.37	23.05	23.41	24.7	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	24.7	0.0	
5	QPSK	1	1	23.29	23.11	23.42	24.7	0.0	

Reduced Power Mode for ECI 2									
FR1 n2_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	17.7	0.0	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	1	16.82	16.46	16.70			
20	QPSK	1	53	16.70	16.31	16.62			
20	QPSK	1	104	16.74	16.41	16.62	17.7	0.0	
20	QPSK	50	0	16.66	16.24	16.48	17.7	0.0	
20	QPSK	50	28	16.75	16.37	16.56	17.7	0.0	
20	QPSK	50	56	16.64	16.29	16.48	17.7	0.0	
20	QPSK	100	0	16.66	16.27	16.49	17.7	0.0	
20	16QAM	1	1	16.77	16.40	16.58	17.7	0.0	
20	64QAM	1	1	16.72	16.35	16.55	17.7	0.0	
20	256QAM	1	1	16.67	16.34	16.69	17.7	0.0	
Channel				371000	376000	382000	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	16.70	16.34	16.63	17.7	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	17.7	0.0	
10	QPSK	1	1	16.67	16.36	16.64	17.7	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	17.7	0.0	
5	QPSK	1	1	16.68	16.40	16.62	17.7	0.0	

FR1 n2_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	20.7	0.0	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	1	19.23	19.01	19.37			
20	QPSK	1	53	19.18	18.95	19.36			
20	QPSK	1	104	19.22	18.90	19.33	20.7	0.0	
20	QPSK	50	0	19.10	18.76	19.16	20.7	0.0	
20	QPSK	50	28	19.22	18.90	19.30	20.7	0.0	
20	QPSK	50	56	19.17	18.85	19.26	20.7	0.0	
20	QPSK	100	0	19.09	18.76	19.17	20.7	0.0	
20	16QAM	1	1	19.22	18.87	19.35	20.7	0.0	
20	64QAM	1	1	19.06	18.76	19.08	20.7	0.0	
20	256QAM	1	1	18.89	18.39	18.71	19.7	1.0	
Channel				371000	376000	382000	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	19.14	18.88	19.23	20.7	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	20.7	0.0	
10	QPSK	1	1	19.17	18.89	19.34	20.7	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	20.7	0.0	
5	QPSK	1	1	19.21	18.90	19.29	20.7	0.0	

FR1 n5_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				166900	167300	167800	24.7	0.0	
Frequency (MHz)				834	836.5	839			
20	QPSK	1	1	23.07	23.16	23.09			
20	QPSK	1	53	23.02	23.12	22.93			
20	QPSK	1	104	22.72	22.82	22.76	23.7	1.0	
20	QPSK	50	0	21.86	21.96	21.80	23.7	1.0	
20	QPSK	50	26	22.91	22.96	22.90	24.7	0.0	
20	QPSK	50	56	21.77	21.88	21.70	23.7	1.0	
20	QPSK	100	0	21.62	21.61	21.74			
20	16QAM	1	1	21.77	21.85	21.75	23.7	1.0	
20	64QAM	1	1	20.62	20.63	20.74	22.2	2.5	
20	256QAM	1	1	18.75	18.65	18.65	20.2	4.5	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				831.5	836.5	841.5	18.74	(dB)	
15	QPSK	1	1	22.99	23.09	22.95	24.7	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR	
Frequency (MHz)				832	836.5	844	(dB)		
10	QPSK	1	1	22.97	23.04	22.85	24.7	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				836.5	836.5	846.5	(dBm)	(dB)	
5	QPSK	1	1	22.95	23.02	22.95	24.7	0.0	

FR1 n5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166900	167300	167800	23.9	0.0	
Frequency (MHz)				834	836.5	839			
20	QPSK	1	1	22.99	22.94	22.93			
20	QPSK	1	53	22.91	22.85	22.81			
20	QPSK	1	104	22.81	22.79	22.80	23.9	1.0	
20	QPSK	50	0	21.87	21.81	21.80	22.9	1.0	
20	QPSK	50	26	22.94	22.91	22.91	23.9	0.0	
20	QPSK	50	56	21.84	21.80	21.79	22.9	1.0	
20	QPSK	100	0	21.68	21.62	21.78			
20	16QAM	1	1	21.90	21.88	21.84	22.9	1.0	
20	64QAM	1	1	20.55	20.53	20.52	21.4	2.5	
20	256QAM	1	1	18.73	18.72	18.71	19.4	4.5	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)	
15	QPSK	1	1	22.84	22.85	22.84	23.9	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR	
Frequency (MHz)				832	836.5	844	(dB)		
10	QPSK	1	1	22.94	22.94	22.79	23.9	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				836.5	836.5	846.5	(dBm)	(dB)	
5	QPSK	1	1	22.85	22.86	22.87	23.9	0.0	

FR1 n7_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				505000	507000	509000	24.2	0.0	
Frequency (MHz)				2525	2535	2545			
50	QPSK	1	1	22.76	22.80	22.72			
50	QPSK	1	135	22.69	22.72	22.65			
40	QPSK	1	268	22.62	22.64	22.56	23.2	1.0	
50	QPSK	135	0	21.77	21.78	21.71	23.2	1.0	
50	QPSK	135	68	22.73	22.78	22.71	24.2	0.0	
50	QPSK	135	135	21.66	21.69	21.62	23.2	1.0	
40	QPSK	270	0	21.67	21.68	21.60			
50	16QAM	1	1	21.37	21.43	21.34	23.2	1.0	
50	64QAM	1	1	19.94	19.97	19.90	21.7	2.5	
50	256QAM	1	1	18.58	18.59	18.47	19.7	4.5	
Channel				502500	507000	510000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)	
40	QPSK	1	1	22.68	22.70	22.72	24.2	0.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2518	2534	2554	(dBm)		
30	QPSK	1	1	22.74	22.73	22.64	24.2	0.0	
Channel				502500	507000	511000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)	
25	QPSK	1	1	22.64	22.79	22.71	24.2	0.0	
Channel				502500	507000	510000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2510	2535	2560	(dBm)		
20	QPSK	1	1	22.67	22.65	22.60	24.2	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2507.5	2535	2562.5	(dBm)		
15	QPSK	1	1	22.62	22.79	22.64	24.2	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2505	2535	2565	(dBm)		
10	QPSK	1	1	22.65	22.71	22.65	24.2	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)	
5	QPSK	1	1	22.68	22.65	22.57	24.2	0.0	

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000	16.7	0.0	
Frequency (MHz)				2525	2535	2545			
50	QPSK	1	1	15.37	15.50	15.36			
50	QPSK	1	135	15.27	15.38	15.31	16.7	0.0	
50	QPSK	1	268	15.26	15.45	15.34			
50	QPSK	135	0	15.14	15.32	15.13			
50	QPSK	135	68	15.22	15.43	15.25	16.7	0.0	
50	QPSK	135	135	15.15	15.29	15.17			
50	QPSK	270	0	15.08	15.26	15.19			
50	16QAM	1	1	15.07	15.32	15.18	16.7	0.0	
50	64QAM	1	1	15.30	15.38	15.32			
50	256QAM	1	1	15.32	15.35	15.24			
Channel				500000	507000	510000	16.7	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	15.32	15.41	15.33			
Channel				503000	507000	511000	16.7	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	15.31	15.36	15.21			
Channel				502000	507000	511500	16.7	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	15.29	15.59	15.35			
Channel				502000	507000	512000	16.7	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	1	15.27	15.37	15.29			
Channel				501000	507000	512000	16.7	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	15.32	15.40	15.31			
Channel				501000	507000	513000	16.7	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	15.32	15.42	15.32			
Channel				500500	507000	513500	15.7	0.0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	15.26	15.41	15.26			
Channel				500000	507000	513000	16.7	0.0	
Frequency (MHz)				2500	2535	2570			

FR1 n26_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				164800	166300	167800	24.7	0.0	
Frequency (MHz)				824	831.5	839			
20	QPSK	1	1	22.98	23.06	22.93			
20	QPSK	1	53	22.81	22.87	22.77	23.7	1.0	
20	QPSK	1	104	22.85	22.92	22.82			
20	QPSK	50	0	21.88	21.98	21.87			
20	QPSK	50	28	22.90	22.96	22.84	23.7	1.0	
20	QPSK	50	56	21.84	21.94	21.85			
20	QPSK	100	0	21.86	21.93	21.85			
20	16QAM	1	1	21.75	21.82	21.74	23.7	1.0	
20	64QAM	1	1	20.33	20.42	20.33			
20	256QAM	1	1	18.77	18.86	18.76			
Channel				164800	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	22.89	23.01	22.79			
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	22.88	22.95	22.84			
Channel				163300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	22.90	22.96	22.81			
Channel				163000	166300	168000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815	831.5	845.5			

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	165300	165800	24.2	0.0	
Frequency (MHz)				824	831.5	839			
20	QPSK	1	1	22.94	22.95	22.90			
20	QPSK	1	53	22.83	22.83	22.80	24.2	0.0	
20	QPSK	1	104	22.82	22.81	22.77			
20	QPSK	50	0	21.88	21.86	21.85			
20	QPSK	50	28	22.86	22.90	22.86	23.2	1.0	
20	QPSK	50	56	21.88	21.90	21.85			
20	QPSK	100	0	21.85	21.87	21.86			
20	16QAM	1	1	21.73	21.71	21.70	23.2	1.0	
20	64QAM	1	1	20.32	20.34	20.34			
20	256QAM	1	1	18.70	18.73	18.73			
Channel				164800	165300	165800	24.2	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	22.83	22.86	22.78			
Channel				163800	165300	166800	24.2	Tune-up limit (dBm)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	22.89	22.81	22.80			
Channel				163300	165300	166300	24.2	Tune-up limit (dBm)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	22.87	22.80	22.81			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				1745	1760	1766					
40	QPSK	1		23.01	23.09	23.06	24.4	0.0			
40	QPSK	1	108	22.90	22.98	22.95					
40	QPSK	1	244	22.83	22.92	22.90					
40	QPSK	108	0	22.02	22.08	22.07					
40	QPSK	108	54	22.98	23.05	23.02	24.4	0.0			
40	QPSK	108	108	22.02	22.08	22.08	23.4	1.0			
40	QPSK	246	0	21.92	22.02	21.99	23.4	1.0			
40	16QAM	1	1	21.65	21.74	21.71	23.4	1.0			
40	64QAM	1	1	20.23	20.32	20.28	21.9	2.5			
40	256QAM	1	1	18.85	18.91	18.88	19.9	4.5			
Channel											
Frequency (MHz)				1725	1745	1765					
30	QPSK	1	1	22.95	23.06	23.03	24.4	0.0			
Channel											
Frequency (MHz)				1722.5	1745	1747.5					
25	QPSK	1	1	22.92	23.04	22.99	24.4	0.0			
Channel											
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	1	22.85	22.99	22.92	24.4	0.0			
Channel											
Frequency (MHz)				1717.5	1745	1772.5					
15	QPSK	1	1	22.92	23.03	23.05	24.4	0.0			
Channel											
Frequency (MHz)				1715	1745	1775					
10	QPSK	1	1	22.95	22.94	23.04	24.4	0.0			
Channel											
Frequency (MHz)				1712.5	1745	1777.5					
5	QPSK	1	1	22.89	22.98	22.93	24.4	0.0			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				1740	1745	1750					
40	QPSK	1	1	20.90	21.04	20.93	21.9	0.0			
40	QPSK	1	108	20.78	20.91	20.79					
40	QPSK	1	214	20.79	20.94	20.80					
40	QPSK	108	0	20.68	20.80	20.74					
40	QPSK	108	54	20.83	20.91	20.86	21.9	0.0			
40	QPSK	108	108	20.71	20.82	20.79	21.9	0.0			
40	QPSK	216	0	20.74	20.82	20.82	21.9	0.0			
40	16QAM	1	1	20.76	20.77	20.79	21.9	0.0			
40	64QAM	1	1	20.20	20.28	20.24	21.9	0.0			
40	256QAM	1	1	18.79	18.87	18.82	19.4	2.5			
Channel											
Frequency (MHz)				1730	1745	1760					
30	QPSK	1	1	20.83	20.95	20.77	21.9	0.0			
Channel											
Frequency (MHz)				1722.5	1745	1747.5					
25	QPSK	1	1	20.84	20.94	20.78	21.9	0.0			
Channel											
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	1	20.81	20.87	20.83	21.9	0.0			
Channel											
Frequency (MHz)				1717.5	1745	1772.5					
15	QPSK	1	1	20.84	20.97	20.91	21.9	0.0			
Channel											
Frequency (MHz)				1715	1745	1775					
10	QPSK	1	1	20.85	20.89	20.78	21.9	0.0			
Channel											
Frequency (MHz)				1712.5	1745	1777.5					
5	QPSK	1	1	20.80	20.89	20.85	21.9	0.0			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				1735	1750	1765			
40	QPSK	1	1	16.73	16.82	17.02	17.9	0.0	
40	QPSK	1	108	16.71	16.73	16.89			
40	QPSK	1	214	16.67	16.69	16.94			
40	QPSK	108	0	16.58	16.62	16.90			
40	QPSK	108	54	16.73	16.67	17.00	17.9	0.0	
40	QPSK	108	108	16.66	16.61	16.89	17.9	0.0	
40	QPSK	246	0	16.61	16.60	16.96	17.9	0.0	
40	16QAM	1	1	16.62	16.57	16.93	17.9	0.0	
40	64QAM	1	1	16.61	16.54	16.88	17.9	0.0	
40	256QAM	1	1	16.70	16.76	16.95	17.9	0.0	
Channel									
Frequency (MHz)				1725	1740	1755			
30	QPSK	1	1	16.65	16.70	17.01	17.9	0.0	
Channel									
Frequency (MHz)				1722.5	1745	1747.5			
25	QPSK	1	1	16.69	16.71	17.00	17.9	0.0	
Channel									
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	16.68	16.69	16.94	17.9	0.0	
Channel									
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	16.71	16.75	16.88	17.9	0.0	
Channel									
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	16.71	16.69	16.90	17.9	0.0	
Channel									
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	16.74	16.74	16.91	17.9	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				2560.02	2595	2599.98		
40	QPSK	1	1	23.07	23.11	23.15	24.2	0.0
40	QPSK	1	53	22.94	23.03	22.94		
40	QPSK	1	104	22.89	22.94	22.84		
40	QPSK	50	0	21.75	21.83	21.78	24.2	0.0
40	QPSK	50	28	22.79	22.83	22.76		
40	QPSK	50	56	21.78	21.82	21.74		
40	QPSK	100	0	21.71	21.80	21.75	23.2	1.0
40	16QAM	1	1	21.75	21.83	21.74	23.2	1.0
40	64QAM	1	1	20.27	20.25	20.20	21.7	2.5
40	256QAM	1	1	18.57	18.66	18.60	19.7	4.5
Channel								
Frequency (MHz)				5170.02	519000	520998	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	22.93	22.98	23.02	24.2	0.0
Channel								
Frequency (MHz)				518504	519000	521496	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	22.95	23.08	22.99	24.2	0.0
Channel								
Frequency (MHz)				518000	519000	522000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	22.92	23.09	23.00	24.2	0.0
Channel								
Frequency (MHz)				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.93	23.02	23.00	24.2	0.0
Channel								
Frequency (MHz)				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	22.92	22.97	22.95	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	18.04	18.12	18.00	19.7	0.0
40	QPSK	1	53	18.96	18.99	18.97		
40	QPSK	1	104	18.91	19.07	18.88		
40	QPSK	50	0	18.78	18.96	18.86	19.7	0.0
40	QPSK	50	28	18.83	18.07	18.85		
40	QPSK	50	56	18.84	19.01	18.83		
40	QPSK	100	0	18.78	18.96	18.82	19.7	0.0
40	16QAM	1	1	18.82	18.95	18.74	19.7	0.0
40	64QAM	1	1	18.96	18.98	18.93	19.7	0.0
40	256QAM	1	1	18.68	18.70	18.64	19.2	0.5
Channel								
Frequency (MHz)				5170.02	519000	520998	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	18.91	19.06	18.94	19.7	0.0
Channel								
Frequency (MHz)				518504	519000	521496	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	18.81	18.92	18.78	19.7	0.0
Channel								
Frequency (MHz)				518000	519000	522000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	18.78	18.95	18.82	19.7	0.0
Channel								
Frequency (MHz)				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	18.89	19.00	18.75	19.7	0.0
Channel								
Frequency (MHz)				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	18.79	19.03	18.84	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				5092.02	518598	528000		
100	QPSK	1	1	23.44	23.23	23.49	24.2	0.0
100	QPSK	1	137	23.30	22.96	22.74		
100	QPSK	1	271	23.15	22.90	22.67		
100	QPSK	135	0	22.12	22.02	21.78	24.2	0.0
100	QPSK	135	69	23.24	22.99	22.73		
100	QPSK	135	138	22.12	21.88	21.65		
100	QPSK	270	0	22.11	21.88	21.62	23.2	1.0
100	16QAM	1	1	21.91	21.66	21.44	23.2	1.0
100	64QAM	1	1	20.38	20.16	19.89	21.7	2.5
100	256QAM	1	1	19.00	18.78	18.56	19.7	4.5
Channel								
Frequency (MHz)				508200	518598	526996	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	23.39	23.21	22.92	24.2	0.0
Channel								
Frequency (MHz)				507204	518598	526998	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	23.29	23.12	22.89	24.2	0.0
Channel								
Frequency (MHz)				505200	518598	526996	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	23.44	23.18	22.87	24.2	0.0
Channel								
Frequency (MHz)				504204	518598	526998	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	23.40	23.16	22.86	24.2	0.0
Channel								
Frequency (MHz)				503202	518598	526996	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	23.39	23.10	22.88	24.2	0.0
Channel								
Frequency (MHz)				502200	518598	526996	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	23.39	23.09	22.84	24.2	0.0
Channel								
Frequency (MHz)				501204	518598	526998	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	23.43	23.07	22.89	24.2	0.0
Channel								
Frequency (MHz)				500700	518598	526996	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	23.42	23.17	22.93	24.2	0.0
Channel								
Frequency (MHz)				500202	518598	527000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	23.32	23.09	22.93	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518998	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	17.51	17.25	17.25		
100	QPSK	1	137	17.40	17.24	17.16	18.2	0.0
100	QPSK	1	271	17.41	17.24	17.20		
100	QPSK	135	0	17.37	17.17	17.10		
100	QPSK	135	69	17.44	17.22	17.21	18.2	0.0
100	QPSK	135	135	17.39	17.07	17.11		
100	QPSK	270	0	17.38	17.14	17.08	18.2	0.0
100	16QAM	1	1	17.31	17.14	17.12	18.2	0.0
100	64QAM	1	1	17.46	17.23	17.14	18.2	0.0
100	256QAM	1	1	17.40	17.22	17.24	18.2	0.0
Channel				509200	518998	528998		MPR
Frequency (MHz)				2544	2592.99	2644.98		(dB)
90	QPSK	1	1	17.37	17.28	17.23	18.2	0.0
Channel				507204	518998	528998		MPR
Frequency (MHz)				2536.02	2592.99	2649.99		(dB)
80	QPSK	1	1	17.41	17.29	17.21	18.2	0.0
Channel				509200	518998	531998		MPR
Frequency (MHz)				2536	2592.99	2659.99		(dB)
60	QPSK	1	1	17.45	17.24	17.22	18.2	0.0
Channel				504204	518998	532998		MPR
Frequency (MHz)				2521.02	2592.99	2664.99		(dB)
50	QPSK	1	1	17.39	17.30	17.25	18.2	0.0
Channel				503202	518998	534000		MPR
Frequency (MHz)				2516.01	2592.99	2670		(dB)
40	QPSK	1	1	17.41	17.29	17.18	18.2	0.0
Channel				502200	518998	534998		MPR
Frequency (MHz)				2511	2592.99	2674.98		(dB)
30	QPSK	1	1	17.43	17.22	17.21	18.2	0.0
Channel				501204	518998	535998		MPR
Frequency (MHz)				2506.02	2592.99	2679.99		(dB)
20	QPSK	1	1	17.41	17.30	17.23	18.2	0.0
Channel				500700	518998	536498		MPR
Frequency (MHz)				2500.5	2592.99	2682.48		(dB)
15	QPSK	1	1	17.39	17.27	17.17	18.2	0.0
Channel				500202	518998	537000		MPR
Frequency (MHz)				2501.01	2592.99	2685		(dB)
10	QPSK	1	1	17.46	17.23	17.21	18.2	0.0

FR1 n2_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				372000	376000	380000	18.2	0.0	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	1	16.90	16.63	16.96			
20	QPSK	1	53	16.76	16.53	16.93			
20	QPSK	1	104	16.77	16.49	16.92	18.2	0.0	
20	QPSK	50	0	16.70	16.46	16.81	18.2	0.0	
20	QPSK	50	28	16.85	16.51	16.87	18.2	0.0	
20	QPSK	50	56	16.74	16.46	16.76	18.2	0.0	
20	QPSK	100	0	16.75	16.37	16.76	18.2	0.0	
20	16QAM	1	1	16.78	16.57	16.83	18.2	0.0	
20	64QAM	1	1	16.78	16.55	16.92	18.2	0.0	
20	256QAM	1	1	16.83	16.52	16.88	18.2	0.0	
Channel				371800	376000	382200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	18.2	0.0	
15	QPSK	1	1	16.80	16.54	16.91	18.2	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	18.2	0.0	
10	QPSK	1	1	16.81	16.57	16.96	18.2	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	18.2	0.0	
5	QPSK	1	1	16.77	16.55	16.81	18.2	0.0	

Reduced Power Mode for ECI 3									
FR1 n2_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	14.7	0.0	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	1	13.82	13.46	13.70			
20	QPSK	1	53	13.70	13.31	13.62			
20	QPSK	1	104	13.74	13.41	13.62	14.7	0.0	
20	QPSK	50	0	13.66	13.24	13.48	14.7	0.0	
20	QPSK	50	28	13.75	13.37	13.50	14.7	0.0	
20	QPSK	50	56	13.64	13.29	13.48	14.7	0.0	
20	QPSK	100	0	13.68	13.27	13.49	14.7	0.0	
20	16QAM	1	1	13.77	13.40	13.58	14.7	0.0	
20	64QAM	1	1	13.72	13.35	13.50	14.7	0.0	
20	256QAM	1	1	13.67	13.34	13.69	14.7	0.0	
Channel				371800	376000	382200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	14.7	0.0	
15	QPSK	1	1	13.70	13.34	13.63	14.7	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	14.7	0.0	
10	QPSK	1	1	13.67	13.36	13.64	14.7	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	14.7	0.0	
5	QPSK	1	1	13.68	13.40	13.62	14.7	0.0	

FR1 n2_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	16.7	0.0	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	1	15.25	15.01	15.37			
20	QPSK	1	53	15.18	14.95	15.36			
20	QPSK	1	104	15.22	14.90	15.33	16.7	0.0	
20	QPSK	50	0	15.10	14.76	15.16	16.7	0.0	
20	QPSK	50	28	15.22	14.90	15.30	16.7	0.0	
20	QPSK	50	56	15.17	14.85	15.26	16.7	0.0	
20	QPSK	100	0	15.09	14.78	15.17	16.7	0.0	
20	16QAM	1	1	15.22	14.87	15.35	16.7	0.0	
20	64QAM	1	1	15.06	14.76	15.08	16.7	0.0	
20	256QAM	1	1	15.15	14.94	15.34	16.7	0.0	
Channel				371800	376000	382200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	16.7	0.0	
15	QPSK	1	1	15.17	14.90	15.22	16.7	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	16.7	0.0	
10	QPSK	1	1	15.24	14.89	15.36	16.7	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	16.7	0.0	
5	QPSK	1	1	15.19	14.92	15.27	16.7	0.0	

FR1 n5_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				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	QPSK	1	1	19.97	20.13	20.01	21.7	0.0	
20	QPSK	1	33	19.92	20.01	19.92			
20	QPSK	1	104	19.87	19.99	19.90	21.7	0.0	
20	QPSK	50	0	19.77	19.97	19.80			
20	QPSK	50	26	19.91	20.07	19.87	21.7	0.0	
20	QPSK	50	56	19.79	20.02	19.79			
20	QPSK	100	0	19.78	20.01	19.74	21.7	0.0	
20	16QAM	1	1	19.82	20.00	19.87			
20	64QAM	1	1	19.84	20.01	19.87	21.7	0.0	
20	256QAM	1	1	18.75	18.85	18.65			
Channel				167300	167800	168300	Tune-up limit (dBm)	14.4	MPR
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	19.84	20.07	19.95	21.7	0.0	
Channel				165800	167300	168800			
Frequency (MHz)				829	836.5	844	21.7	0.0	
10	QPSK	1	1	19.92	20.07	19.96			
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				836.5	836.5	840.5			
5	QPSK	1	1	19.84	20.06	19.92	21.7	0.0	

FR1 n5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	QPSK	1	1	19.99	20.09	19.90	20.9	0.0	
20	QPSK	1	33	19.93	19.81	19.84			
20	QPSK	1	104	19.84	19.77	19.84	20.9	0.0	
20	QPSK	50	0	19.77	19.64	19.73			
20	QPSK	50	26	19.91	19.76	19.76	20.9	0.0	
20	QPSK	50	56	19.81	19.61	19.71			
20	QPSK	100	0	19.77	19.65	19.78	20.9	0.0	
20	16QAM	1	1	19.84	19.66	19.75			
20	64QAM	1	1	19.81	19.62	19.68	20.9	0.0	
20	256QAM	1	1	18.73	18.72	18.71			
Channel				167300	167800	168300	Tune-up limit (dBm)	14.4	MPR
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	19.85	19.80	19.81	20.9	0.0	
Channel				165800	167300	168800			
Frequency (MHz)				829	836.5	844	20.9	0.0	
10	QPSK	1	1	19.90	19.82	19.78			
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				836.5	836.5	840.5			
5	QPSK	1	1	19.89	19.73	19.78	20.9	0.0	

FR1 n7_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				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	QPSK	1	1	15.70	15.77	15.66	17.2	0.0	
50	QPSK	1	135	15.63	15.62	15.59			
40	QPSK	1	268	15.61	15.72	15.60	17.2	0.0	
50	QPSK	135	0	15.59	15.60	15.57			
50	QPSK	135	68	15.64	15.70	15.62	17.2	0.0	
50	QPSK	135	135	15.49	15.57	15.53			
40	QPSK	210	0	15.53	15.59	15.56	17.2	0.0	
50	16QAM	1	1	15.50	15.64	15.61			
50	64QAM	1	1	15.65	15.63	15.58	17.2	0.0	
50	256QAM	1	1	15.60	15.65	15.52			
Channel				509000	507000	510000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	15.61	15.72	15.61	17.2	0.0	
Channel				510000	507000	511000			
Frequency (MHz)				2514	2534	2554	Tune-up limit (dBm)	MPR	
30	QPSK	1	1	15.60	15.65	15.60			
Channel				510000	507000	511000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	15.64	15.65	15.57	17.2	0.0	
Channel				510000	507000	512000			
Frequency (MHz)				2510	2535	2560	Tune-up limit (dBm)	MPR	
20	QPSK	1	1	15.60	15.72	15.53			
Channel				510000	507000	512000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	15.64	15.70	15.59	17.2	0.0	
Channel				510000	507000	513000			
Frequency (MHz)				2506	2535	2565	Tune-up limit (dBm)	MPR	
10	QPSK	1	1	15.63	15.70	15.51			
Channel				510000	507000	513000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	15.60	15.70	15.61	17.2	0.0	

FR1 n7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				50000	507000	509000	17.7	0.0	
Frequency (MHz)				2505	2535	2545			
50	QPSK	1	1	16.37	16.50	16.36			
50	QPSK	1	135	16.27	16.38	16.31	17.7	0.0	
50	QPSK	1	248	16.26	16.45	16.34	17.7	0.0	
50	QPSK	135	0	16.14	16.32	16.13	17.7	0.0	
50	QPSK	135	68	16.22	16.43	16.25	17.7	0.0	
50	QPSK	135	135	16.15	16.29	16.17	17.7	0.0	
50	QPSK	270	0	16.08	16.26	16.19	17.7	0.0	
50	16QAM	1	1	16.07	16.32	16.18	17.7	0.0	
50	64QAM	1	1	16.27	16.44	16.25	17.7	0.0	
50	256QAM	1	1	16.24	16.45	16.22	17.7	0.0	
Channel				500000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	16.36	16.39	16.25	17.7	0.0	
Channel				2515	2535	2555	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	16.22	16.39	16.29	17.7	0.0	
Channel				500000	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5	(dB)		
25	QPSK	1	1	16.22	16.44	16.31	17.7	0.0	
Channel				500000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	(dBm)		
20	QPSK	1	1	16.28	16.42	16.29	17.7	0.0	
Channel				501000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	(dBm)		
15	QPSK	1	1	16.30	16.45	16.31	17.7	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2565	(dBm)		
10	QPSK	1	1	16.23	16.38	16.31	17.7	0.0	
Channel				500000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	(dBm)		
5	QPSK	1	1	16.22	16.40	16.23	17.7	0.0	

FR1 n26_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				164800	165300	165800	21.7	0.0	
Frequency (MHz)				824	831.5	839			
20	QPSK	1	1	20.03	20.11	19.98			
20	QPSK	1	53	19.93	19.96	19.95	21.7	0.0	
20	QPSK	1	104	19.91	20.01	19.95	21.7	0.0	
20	QPSK	50	0	19.87	19.94	19.87	21.7	0.0	
20	QPSK	50	28	19.95	20.06	19.97	21.7	0.0	
20	QPSK	50	56	19.88	19.93	19.96	21.7	0.0	
20	QPSK	100	0	19.81	19.93	19.92	21.7	0.0	
20	16QAM	1	1	19.87	19.96	19.96	21.7	0.0	
20	64QAM	1	1	19.90	19.98	19.92	21.7	0.0	
20	256QAM	1	1	18.77	18.86	18.76	20.2	1.5	
Channel				165300	165300	165300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	(dBm)		
15	QPSK	1	1	19.88	20.00	19.86	21.7	0.0	
Channel				163800	165300	166800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				818	831.5	844	(dBm)		
10	QPSK	1	1	19.91	20.06	19.97	21.7	0.0	
Channel				163300	165300	166300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	(dBm)		
5	QPSK	1	1	19.91	20.06	19.95	21.7	0.0	

FR1 n26_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	165300	165800	21.2	0.0	
Frequency (MHz)				824	831.5	839			
20	QPSK	1	1	19.85	19.92	19.83			
20	QPSK	1	53	19.74	19.82	19.80	21.2	0.0	
20	QPSK	1	104	19.72	19.83	19.77	21.2	0.0	
20	QPSK	50	0	19.72	19.76	19.67	21.2	0.0	
20	QPSK	50	28	19.80	19.86	19.71	21.2	0.0	
20	QPSK	50	56	19.67	19.78	19.68	21.2	0.0	
20	QPSK	100	0	19.73	19.77	19.60	21.2	0.0	
20	16QAM	1	1	19.65	19.72	19.60	21.2	0.0	
20	64QAM	1	1	19.69	19.74	19.65	21.2	0.0	
20	256QAM	1	1	18.70	18.73	18.73	19.7	1.5	
Channel				165300	165300	165300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	(dBm)		
15	QPSK	1	1	19.74	19.86	19.83	21.2	0.0	
Channel				163800	165300	166800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				818	831.5	844	(dBm)		
10	QPSK	1	1	19.72	19.80	19.82	21.2	0.0	
Channel				163300	165300	166300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	(dBm)		
5	QPSK	1	1	19.76	19.78	19.73	21.2	0.0	

FR1 n66_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)				346000	348000	352000					
40	QPSK	1	1	16.42	16.57	16.48	17.9				
40	QPSK	1	108	16.31	16.49	16.41					
40	QPSK	1	244	16.35	16.51	16.34					
40	QPSK	108	0	16.16	16.41	16.36					
40	QPSK	108	54	16.26	16.52	16.38	17.9	0.0			
40	QPSK	108	108	16.19	16.39	16.35	17.9	0.0			
40	QPSK	246	0	16.22	16.37	16.32	17.9	0.0			
40	16QAM	1	1	16.19	16.40	16.25	17.9	0.0			
40	64QAM	1	1	16.53	16.46	16.40	17.9	0.0			
40	256QAM	1	1	16.30	16.45	16.44	17.9	0.0			
Channel											
Frequency (MHz)				352000	354000	358000	17.9 <th colspan="2">0.0</th>			0.0	
30	QPSK	1	1	16.35	16.43	16.36	17.9	0.0			
Channel											
Frequency (MHz)				344500	346000	353500	17.9 <th colspan="2">MPR</th>			MPR	
25	QPSK	1	1	16.34	16.45	16.35	17.9	0.0			
Channel											
Frequency (MHz)				344000	348000	354000	17.9 <th colspan="2">0.0</th>			0.0	
20	QPSK	1	1	17.20	17.45	17.70	17.9	0.0			
Channel											
Frequency (MHz)				343500	349000	354500	17.9 <th colspan="2">0.0</th>			0.0	
15	QPSK	1	1	17.17	17.45	17.72	17.9	0.0			
Channel											
Frequency (MHz)				343000	349000	354000	17.9 <th colspan="2">0.0</th>			0.0	
10	QPSK	1	1	16.36	16.42	16.44	17.9	0.0			
Channel											
Frequency (MHz)				342500	347500	352500	17.9 <th colspan="2">0.0</th>			0.0	
5	QPSK	1	1	16.33	16.40	16.47	17.9	0.0			

FR1 n66_Ant 1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				1740	1745	1750					
40	QPSK	1	1	15.40	15.54	15.43	16.4				
40	QPSK	1	108	15.28	15.41	15.29					
40	QPSK	1	244	15.29	15.44	15.30					
40	QPSK	108	0	15.18	15.30	15.24					
40	QPSK	108	54	15.33	15.41	15.36	16.4	0.0			
40	QPSK	108	108	15.21	15.32	15.29	16.4	0.0			
40	QPSK	246	0	15.24	15.32	15.32	16.4	0.0			
40	16QAM	1	1	15.26	15.27	15.29	16.4	0.0			
40	64QAM	1	1	15.20	15.28	15.24	16.4	0.0			
40	256QAM	1	1	15.31	15.47	15.31	16.4	0.0			
Channel											
Frequency (MHz)				1745	1745	1745					
30	QPSK	1	1	15.25	15.40	15.26	16.4				
Channel											
Frequency (MHz)				1742.5	1745	1747.5 <td colspan="3"></td>					
25	QPSK	1	1	15.28	15.41	15.29	16.4				
Channel											
Frequency (MHz)				1740	1745	1750 <td colspan="3"></td>					
20	QPSK	1	1	15.30	15.45	15.42	16.4				
Channel											
Frequency (MHz)				1737.5	1745	1752.5 <td colspan="3"></td>					
15	QPSK	1	1	15.35	15.47	15.41	16.4				
Channel											
Frequency (MHz)				1735	1745	1755 <td colspan="3"></td>					
10	QPSK	1	1	15.26	15.43	15.30	16.4				
Channel											
Frequency (MHz)				1732.5	1745	1757.5 <td colspan="3"></td>					
5	QPSK	1	1	15.23	15.43	15.30	16.4				

FR1 n66_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power Middle Ch / Freq	Tune-up time (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				1740	1745	1750			
40	QPSK	1	1	14.73	14.82	15.02	15.9		
40	QPSK	1	108	14.71	14.73	14.89			
40	QPSK	1	214	14.67	14.69	14.94			
40	QPSK	108	0	14.58	14.62	14.90			
40	QPSK	108	54	14.73	14.67	15.00	15.9	0.0	
40	QPSK	108	108	14.66	14.61	14.89	15.9	0.0	
40	QPSK	216	0	14.61	14.60	14.95	15.9	0.0	
40	16QAM	1	1	14.62	14.57	14.93	15.9	0.0	
40	64QAM	1	1	14.61	14.54	14.88	15.9	0.0	
40	256QAM	1	1	14.66	14.69	14.87	15.9	0.0	
Channel									
Frequency (MHz)				1735	1745	1755			
30	QPSK	1	1	14.71	14.73	14.88	15.9	0.0	
Channel									
Frequency (MHz)				1730	1745	1755			
25	QPSK	1	1	14.73	14.72	15.00	15.9	0.0	
Channel									
Frequency (MHz)				1725	1745	1770			
20	QPSK	1	1	14.64	14.71	14.87	15.9	0.0	
Channel									
Frequency (MHz)				1720	1745	1775			
15	QPSK	1	1	14.71	14.76	14.93	15.9	0.0	
Channel									
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	14.67	14.70	14.95	15.9	0.0	
Channel									
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	14.72	14.73	14.89	15.9	0.0	

n38_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)				2591.02	2595	2599.98		
40	QPSK	1	1	15.51	15.59	15.49		
40	QPSK	1	53	15.45	15.45	15.46	16.7	0.0
40	QPSK	1	104	15.39	15.48	15.35		
40	QPSK	50	0	15.30	15.40	15.21		
40	QPSK	50	28	15.41	15.46	15.34	16.7	0.0
40	QPSK	50	56	15.35	15.34	15.30		
40	QPSK	100	0	15.27	15.30	15.22	16.7	0.0
40	16QAM	1	1	15.32	15.31	15.26	16.7	0.0
40	64QAM	1	1	15.27	15.25	15.20	16.7	0.0
40	256QAM	1	1	15.39	15.54	15.48	16.7	0.0
Channel								
Frequency (MHz)				5170.02	519000	520998	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	15.46	15.45	15.48	16.7	0.0
Channel								
Frequency (MHz)				518504	519000	521496	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	15.35	15.43	15.20	16.7	0.0
Channel								
Frequency (MHz)				518500	519000	522000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	15.27	15.38	15.21	16.7	0.0
Channel								
Frequency (MHz)				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	15.37	15.31	15.20	16.7	0.0
Channel								
Frequency (MHz)				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	15.40	15.35	15.21	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	16.34	16.42	16.30		
40	QPSK	1	53	16.26	16.29	16.27	17.2	0.0
40	QPSK	1	104	16.21	16.37	16.18		
40	QPSK	50	0	16.08	16.26	16.16		
40	QPSK	50	28	16.23	16.37	16.15	17.2	0.0
40	QPSK	50	56	16.14	16.31	16.13		
40	QPSK	100	0	16.08	16.20	16.12	17.2	0.0
40	16QAM	1	1	16.12	16.25	16.04	17.2	0.0
40	64QAM	1	1	16.24	16.32	16.25	17.2	0.0
40	256QAM	1	1	16.29	16.35	16.19	17.2	0.0
Channel								
Frequency (MHz)				5170.02	519000	520998	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	16.19	16.31	16.20	17.2	0.0
Channel								
Frequency (MHz)				518504	519000	521496	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	16.12	16.38	16.11	17.2	0.0
Channel								
Frequency (MHz)				518500	519000	522000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	16.20	16.30	16.08	17.2	0.0
Channel								
Frequency (MHz)				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	16.16	16.35	16.05	17.2	0.0
Channel								
Frequency (MHz)				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	16.21	16.22	16.05	17.2	0.0

n41_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)				2590.01	2592.99	2592.99		
100	QPSK	1	1	16.43	16.17	15.93		
100	QPSK	1	137	16.30	16.08	15.88	17.2	0.0
100	QPSK	1	271	16.27	16.10	15.78		
100	QPSK	135	0	16.16	15.90	15.78		
100	QPSK	135	69	16.30	16.03	15.62	17.2	0.0
100	QPSK	135	138	16.25	15.97	15.75		
100	QPSK	270	0	16.25	15.90	15.75	17.2	0.0
100	16QAM	1	1	16.24	15.95	15.76	17.2	0.0
100	64QAM	1	1	16.37	16.03	15.90	17.2	0.0
100	256QAM	1	1	16.37	16.11	15.85	17.2	0.0
Channel								
Frequency (MHz)				507204	518598	520998	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	16.33	16.12	15.76	17.2	0.0
Channel								
Frequency (MHz)				507204	518598	520998	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	16.37	16.03	15.88	17.2	0.0
Channel								
Frequency (MHz)				505200	518598	520998	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	16.28	16.11	15.90	17.2	0.0
Channel								
Frequency (MHz)				504204	518598	520998	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	16.34	16.07	15.81	17.2	0.0
Channel								
Frequency (MHz)				503202	518598	520998	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	16.34	16.10	15.80	17.2	0.0
Channel								
Frequency (MHz)				502200	518598	520998	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	16.33	16.02	15.84	17.2	0.0
Channel								
Frequency (MHz)				501204	518598	520998	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	16.28	16.10	15.75	17.2	0.0
Channel								
Frequency (MHz)				500700	518598	520998	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	16.33	16.03	15.90	17.2	0.0
Channel								
Frequency (MHz)				500202	518598	520998	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	16.28	16.10	15.81	17.2	0.0

n41_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518998	528000		
Frequency (MHz)				2549.01	2592.99	2643		
100	QPSK	1	1	15.01	15.95	15.75		
100	QPSK	1	137	15.90	15.74	15.06	16.7	0.0
100	QPSK	1	271	15.91	15.74	15.70		
100	QPSK	135	0	15.87	15.67	15.80		
100	QPSK	135	69	15.94	15.72	15.71	16.7	0.0
100	QPSK	135	135	15.89	15.57	15.61		
100	QPSK	270	0	15.88	15.84	15.58	16.7	0.0
100	16QAM	1	1	15.81	15.84	15.82	16.7	0.0
100	64QAM	1	1	15.90	15.76	15.70	16.7	0.0
100	256QAM	1	1	15.93	15.77	15.63	16.7	0.0
Channel				509200	518998	528998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.99		
90	QPSK	1	1	20.96	20.75	20.72	16.7	0.0
Channel				507204	518998	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.88	20.75	20.75	16.7	0.0
Channel				506200	518998	531998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.99		
60	QPSK	1	1	20.86	20.80	20.65	16.7	0.0
Channel				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.83	20.76	20.60	16.7	0.0
Channel				503202	518998	533000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.94	20.73	20.73	16.7	0.0
Channel				502200	518998	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.88	20.74	20.73	16.7	0.0
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.89	20.79	20.63	16.7	0.0
Channel				500700	518998	536498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.5	2592.99	2684.48		
15	QPSK	1	1	20.89	20.73	20.75	16.7	0.0
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.95	20.80	20.63	16.7	0.0

FR1 n2_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				372000	376000	380000	24.7	0.0	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	1	23.63	23.17	23.47			
20	QPSK	1	53	23.19	22.94	23.26			
20	QPSK	1	104	23.32	23.06	23.36	23.7	1.0	
20	QPSK	50	0	22.47	22.18	22.48	23.7	0.0	
20	QPSK	50	28	23.39	23.12	23.41	24.7	0.0	
20	QPSK	50	56	22.18	21.92	22.21	23.7	1.0	
20	QPSK	100	0	22.30	22.03	22.31	23.7	0.0	
20	16QAM	1	1	21.87	21.72	21.90	23.7	1.0	
20	64QAM	1	1	20.50	20.22	20.54	22.2	2.5	
20	256QAM	1	1	19.11	18.83	19.16	20.2	4.5	
Channel				371800	376000	380200	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	23.32	23.03	23.40	24.7	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	24.7	0.0	
10	QPSK	1	1	23.37	23.05	23.41	24.7	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	24.7	0.0	
5	QPSK	1	1	23.29	23.11	23.42	24.7	0.0	

Reduced Power Mode for ECI 4									
FR1 n2_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	12.7	0.0	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	1	11.82	11.46	11.70			
20	QPSK	1	53	11.70	11.31	11.62			
20	QPSK	1	104	11.74	11.41	11.62	12.7	0.0	
20	QPSK	50	0	11.66	11.24	11.49	12.7	0.0	
20	QPSK	50	28	11.75	11.37	11.56	12.7	0.0	
20	QPSK	50	56	11.64	11.29	11.48	12.7	0.0	
20	QPSK	100	0	11.66	11.27	11.49	12.7	0.0	
20	16QAM	1	1	11.77	11.40	11.58	12.7	0.0	
20	64QAM	1	1	11.72	11.35	11.50	12.7	0.0	
20	256QAM	1	1	11.67	11.34	11.69	12.7	0.0	
Channel				371800	376000	380200	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	11.70	11.34	11.63	12.7	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	12.7	0.0	
10	QPSK	1	1	11.67	11.36	11.64	12.7	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	12.7	0.0	
5	QPSK	1	1	11.68	11.40	11.62	12.7	0.0	

FR1 n2_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	16.7	0.0	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	1	15.25	15.01	15.37			
20	QPSK	1	53	15.18	14.95	15.36			
20	QPSK	1	104	15.22	14.90	15.33	16.7	0.0	
20	QPSK	50	0	15.10	14.76	15.16	16.7	0.0	
20	QPSK	50	28	15.22	14.90	15.30	16.7	0.0	
20	QPSK	50	56	15.17	14.85	15.26	16.7	0.0	
20	QPSK	100	0	15.09	14.76	15.17	16.7	0.0	
20	16QAM	1	1	15.22	14.87	15.35	16.7	0.0	
20	64QAM	1	1	15.06	14.76	15.08	16.7	0.0	
20	256QAM	1	1	15.18	14.88	15.28	16.7	0.0	
Channel				371800	376000	380200	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	15.18	14.96	15.34	16.7	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	16.7	0.0	
10	QPSK	1	1	15.14	14.91	15.25	16.7	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	16.7	0.0	
5	QPSK	1	1	15.19	14.89	15.25	16.7	0.0	

FR1 n5_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				16690	16730	16780			
Frequency (MHz)				834	836.5	839			
20	QPSK	1	1	19.97	20.13	20.01	21.7	0.0	
20	QPSK	1	53	19.92	20.01	19.92			
20	QPSK	1	104	19.87	19.99	19.90	21.7	0.0	
20	QPSK	50	0	19.77	19.97	19.80			
20	QPSK	50	26	19.91	20.07	19.87	21.7	0.0	
20	QPSK	50	56	19.79	20.02	19.79			
20	QPSK	100	0	19.78	20.01	19.74	21.7	0.0	
20	16QAM	1	1	19.82	20.00	19.87			
20	64QAM	1	1	19.84	20.01	19.87	21.7	0.0	
20	256QAM	1	1	18.75	18.85	18.65			
Channel				16730	16730	16730	Tune-up limit (dBm)	14.4	MPR
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	19.84	20.07	19.95	21.7	0.0	
Channel				16580	16730	16880			
Frequency (MHz)				829	836.5	844	21.7	0.0	
10	QPSK	1	1	19.92	20.07	19.96			
Channel				16630	16730	16830	Tune-up limit (dBm)	MPR	
Frequency (MHz)				836.5	836.5	846.5			
5	QPSK	1	1	19.84	20.06	19.92	21.7	0.0	

FR1 n5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				16690	16730	16780			
Frequency (MHz)				834	836.5	839			
20	QPSK	1	1	19.99	19.89	19.90	20.9	0.0	
20	QPSK	1	53	19.93	19.81	19.84			
20	QPSK	1	104	19.84	19.77	19.84	20.9	0.0	
20	QPSK	50	0	19.77	19.64	19.73			
20	QPSK	50	26	19.91	19.76	19.76	20.9	0.0	
20	QPSK	50	56	19.81	19.61	19.71			
20	QPSK	100	0	19.77	19.65	19.78	20.9	0.0	
20	16QAM	1	1	19.84	19.66	19.75			
20	64QAM	1	1	19.81	19.62	19.68	20.9	0.0	
20	256QAM	1	1	18.73	18.72	18.71			
Channel				16730	16730	16730	Tune-up limit (dBm)	14.4	MPR
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	19.85	19.80	19.81	20.9	0.0	
Channel				16580	16730	16880			
Frequency (MHz)				829	836.5	844	20.9	0.0	
10	QPSK	1	1	19.90	19.82	19.78			
Channel				16630	16730	16830	Tune-up limit (dBm)	MPR	
Frequency (MHz)				836.5	836.5	846.5			
5	QPSK	1	1	19.89	19.73	19.78	20.9	0.0	

FR1 n7_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				50500	50700	50900			
Frequency (MHz)				2525	2535	2545			
50	QPSK	1	1	22.76	22.80	22.72	24.2	0.0	
50	QPSK	1	135	22.69	22.72	22.65			
40	QPSK	1	268	22.62	22.64	22.56	23.2	1.0	
50	QPSK	135	0	21.77	21.78	21.71			
50	QPSK	135	68	22.73	22.78	22.71	24.2	0.0	
50	QPSK	135	135	21.66	21.69	21.62			
40	QPSK	210	0	21.67	21.68	21.60	23.2	1.0	
50	16QAM	1	1	21.37	21.43	21.34			
50	64QAM	1	1	19.84	19.97	19.90	21.7	2.5	
50	256QAM	1	1	18.58	18.59	18.47			
Channel				50900	50700	51000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2526	2535	2550			
40	QPSK	1	1	22.68	22.70	22.72	24.2	0.0	
Channel				51000	50700	51100			
Frequency (MHz)				2518	2534	2554	Tune-up limit (dBm)	MPR	
30	QPSK	1	1	22.74	22.73	22.64			
Channel				51200	50700	51100	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	22.64	22.79	22.71	24.2	0.0	
Channel				51200	50700	51300			
Frequency (MHz)				2510	2535	2560	Tune-up limit (dBm)	MPR	
20	QPSK	1	1	22.67	22.65	22.60			
Channel				51300	50700	51500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2507.5	2535	2567.5			
15	QPSK	1	1	22.62	22.79	22.64	24.2	0.0	
Channel				51300	50700	51300			
Frequency (MHz)				2506	2535	2565	Tune-up limit (dBm)	MPR	
10	QPSK	1	1	22.65	22.71	22.65			
Channel				51500	50700	51300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	22.68	22.65	22.57	24.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				50000	507000	509000			
Frequency (MHz)				2505	2535	2545			
50	QPSK	1	1	12.37	12.50	12.36			
50	QPSK	1	135	12.27	12.38	12.31	13.7	0.0	
50	QPSK	1	248	12.26	12.45	12.34			
50	QPSK	135	0	12.14	12.32	12.13	13.7	0.0	
50	QPSK	135	68	12.22	12.43	12.25	13.7	0.0	
50	QPSK	135	135	12.15	12.29	12.17			
50	QPSK	270	0	12.08	12.26	12.19	13.7	0.0	
50	16QAM	1	1	12.07	12.32	12.18	13.7	0.0	
50	64QAM	1	1	12.30	12.38	12.32	13.7	0.0	
50	256QAM	1	1	12.32	12.35	12.34	13.7	0.0	
Channel				50000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	12.32	12.41	12.33	13.7	0.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2555			
30	QPSK	1	1	12.31	12.38	12.21	13.7	0.0	
Channel				500000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	12.29	12.39	12.35	13.7	0.0	
Channel				500000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	1	12.27	12.37	12.29	13.7	0.0	
Channel				501000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	12.32	12.40	12.31	13.7	0.0	
Channel				501000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	12.32	12.42	12.32	13.7	0.0	
Channel				500000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	12.26	12.41	12.26	13.7	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	165300	167800			
Frequency (MHz)				824	831.5	839			
20	QPSK	1	1	20.03	20.11	19.98			
20	QPSK	1	53	19.93	19.96	19.95	21.7	0.0	
20	QPSK	1	104	19.91	20.01	19.95			
20	QPSK	50	0	19.87	19.94	19.87	21.7	0.0	
20	QPSK	50	28	19.95	20.06	19.97	21.7	0.0	
20	QPSK	50	56	19.88	19.93	19.96			
20	QPSK	100	0	19.81	19.93	19.92	21.7	0.0	
20	16QAM	1	1	19.87	19.96	19.96	21.7	0.0	
20	64QAM	1	1	19.90	19.98	19.92	21.7	0.0	
20	256QAM	1	1	19.77	19.86	19.76	20.2	1.5	
Channel				165300	166300	167300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	19.88	20.00	19.86	21.7	0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				818	831.5	844			
10	QPSK	1	1	19.91	20.06	19.97	21.7	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	19.91	20.08	19.95	21.7	0.0	

FR1 n26_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	165300	167800			
Frequency (MHz)				824	831.5	839			
20	QPSK	1	1	19.85	19.92	19.83			
20	QPSK	1	53	19.74	19.82	19.80	21.2	0.0	
20	QPSK	1	104	19.72	19.83	19.77			
20	QPSK	50	0	19.72	19.76	19.67	21.2	0.0	
20	QPSK	50	28	19.80	19.86	19.71	21.2	0.0	
20	QPSK	50	56	19.67	19.78	19.68			
20	QPSK	100	0	19.73	19.77	19.60	21.2	0.0	
20	16QAM	1	1	19.65	19.72	19.60	21.2	0.0	
20	64QAM	1	1	19.69	19.74	19.65	21.2	0.0	
20	256QAM	1	1	19.70	19.73	19.73	19.7	1.5	
Channel				165300	166300	167300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	19.74	19.86	19.83	21.2	0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	19.72	19.80	19.82	21.2	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	19.76	19.78	19.73	21.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				1745	1760	1775					
40	QPSK	1		23.01	23.09	23.06	24.4	0.0			
40	QPSK	1	108	22.90	22.98	22.95					
40	QPSK	1	244	22.83	22.92	22.90					
40	QPSK	108	0	22.02	22.08	22.07					
40	QPSK	108	54	22.98	23.05	23.02	24.4	0.0			
40	QPSK	108	108	22.02	22.08	22.08	23.4	1.0			
40	QPSK	246	0	21.92	22.02	21.99	23.4	1.0			
40	16QAM	1	1	21.65	21.74	21.71	23.4	1.0			
40	64QAM	1	1	20.23	20.32	20.28	21.9	2.5			
40	256QAM	1	1	18.85	18.91	18.88	19.9	4.5			
Channel											
Frequency (MHz)				1725	1745	1765					
30	QPSK	1	1	22.95	23.06	23.03	24.4	0.0			
Channel											
Frequency (MHz)				1722.5	1745	1747.5					
25	QPSK	1	1	22.92	23.04	22.99	24.4	0.0			
Channel											
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	1	22.85	22.99	22.92	24.4	0.0			
Channel											
Frequency (MHz)				1717.5	1745	1772.5					
15	QPSK	1	1	22.82	23.03	23.05	24.4	0.0			
Channel											
Frequency (MHz)				1715	1745	1775					
10	QPSK	1	1	22.85	22.94	23.04	24.4	0.0			
Channel											
Frequency (MHz)				1712.5	1745	1777.5					
5	QPSK	1	1	22.83	22.98	22.93	24.4	0.0			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				1740	1745	1750					
40	QPSK	1	1	15.90	16.04	15.93	16.9	0.0			
40	QPSK	1	108	15.78	15.91	15.79					
40	QPSK	1	244	15.79	15.94	15.80					
40	QPSK	108	0	15.68	15.80	15.74					
40	QPSK	108	54	15.83	15.91	15.86	16.9	0.0			
40	QPSK	108	108	15.71	15.82	15.79	16.9	0.0			
40	QPSK	246	0	15.74	15.82	15.82	16.9	0.0			
40	16QAM	1	1	15.76	15.77	15.79	16.9	0.0			
40	64QAM	1	1	15.85	15.94	15.90	16.9	0.0			
40	256QAM	1	1	15.81	15.92	15.91	16.9	0.0			
Channel											
Frequency (MHz)				1725	1745	1765					
30	QPSK	1	1	15.78	15.92	15.85	16.9	0.0			
Channel											
Frequency (MHz)				1722.5	1745	1747.5					
25	QPSK	1	1	15.78	15.90	15.84	16.9	0.0			
Channel											
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	1	15.76	15.86	15.81	16.9	0.0			
Channel											
Frequency (MHz)				1717.5	1745	1772.5					
15	QPSK	1	1	15.80	15.99	15.79	16.9	0.0			
Channel											
Frequency (MHz)				1715	1745	1775					
10	QPSK	1	1	15.79	15.97	15.80	16.9	0.0			
Channel											
Frequency (MHz)				1712.5	1745	1777.5					
5	QPSK	1	1	15.81	15.93	15.82	16.9	0.0			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	15.73	15.82	15.82	16.9	0.0	
40	QPSK	1	108	15.71	15.73	15.89			
40	QPSK	1	244	15.67	15.69	15.94			
40	QPSK	108	0	15.58	15.62	15.90			
40	QPSK	108	54	15.73	15.67	16.00	16.9	0.0	
40	QPSK	108	108	15.66	15.61	15.89	16.9	0.0	
40	QPSK	246	0	15.61	15.60	15.96	16.9	0.0	
40	16QAM	1	1	15.62	15.57	15.93	16.9	0.0	
40	64QAM	1	1	15.61	15.54	15.88	16.9	0.0	
40	256QAM	1	1	15.70	15.76	15.95	16.9	0.0	
Channel									
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	15.70	15.72	16.01	16.9	0.0	
Channel									
Frequency (MHz)				1722.5	1745	1747.5			
25	QPSK	1	1	15.69	15.71	16.00	16.9	0.0	
Channel									
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	15.68	15.69	15.94	16.9	0.0	
Channel									
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	15.71	15.75	15.88	16.9	0.0	
Channel									
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	15.71	15.68	15.90	16.9	0.0	
Channel									
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	15.74	15.74	15.91	16.9	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
				158004	159000	159996						
				2590.02	2595	2599.98						
40	QPSK	1	1	23.07	23.11	23.05	24.2	0.0				
40	QPSK	1	53	22.94	23.03	22.94						
40	QPSK	1	104	22.89	22.94	22.84						
40	QPSK	50	0	21.75	21.83	21.78						
40	QPSK	50	28	22.79	22.83	22.76						
40	QPSK	50	56	21.78	21.82	21.74	24.2	0.0				
40	QPSK	100	0	21.71	21.80	21.75						
40	16QAM	1	1	21.75	21.83	21.74						
40	64QAM	1	1	20.27	20.25	20.20						
40	256QAM	1	1	18.57	18.66	18.60						
Channel												
Frequency (MHz)												
				517002	519000	520998	Tune-up limit	MPR				
				2655.01	2655	2654.99	(dBm)	(dB)				
30	QPSK	1	1	22.93	22.98	23.02	24.2	0.0				
Channel												
Frequency (MHz)												
				158504	159000	1521498	Tune-up limit	MPR				
				2592.02	2595	2607.48	(dBm)	(dB)				
25	QPSK	1	1	22.95	23.08	22.99	24.2	0.0				
Channel												
Frequency (MHz)												
				158000	159000	5220.00	Tune-up limit	MPR				
				2590	2595	2610	(dBm)	(dB)				
20	QPSK	1	1	22.92	23.09	23.00	24.2	0.0				
Channel												
Frequency (MHz)												
				151502	159000	5224.98	Tune-up limit	MPR				
				2577.51	2595	2612.49	(dBm)	(dB)				
15	QPSK	1	1	22.93	23.02	23.00	24.2	0.0				
Channel												
Frequency (MHz)												
				151504	159000	5229.99	Tune-up limit	MPR				
				2575.02	2595	2614.98	(dBm)	(dB)				
10	QPSK	1	1	23.02	22.97	22.95	24.2	0.0				

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
40	QPSK	1	1	13.84	15.900	15.999	14.7	0.0				
40	QPSK	1	53	13.76	13.79	13.77						
40	QPSK	1	104	13.71	13.87	13.68						
40	QPSK	50	0	13.58	13.76	13.66						
40	QPSK	50	28	13.73	13.87	13.66						
40	QPSK	50	56	13.64	13.81	13.63	14.7	0.0				
40	QPSK	100	0	13.58	13.76	13.62						
40	16QAM	1	1	13.62	13.75	13.54				14.7	0.0	
40	64QAM	1	1	13.76	13.78	13.73				14.7	0.0	
40	256QAM	1	1	13.72	13.80	13.66				14.7	0.0	
Channel												
Frequency (MHz)												
30	QPSK	1	1	13.71	13.800	13.999	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
25	QPSK	1	1	13.68	13.83	13.54	14.7	0.0				
Channel												
Frequency (MHz)												
20	QPSK	1	1	13.68	13.85	13.60	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
15	QPSK	1	1	13.71	13.83	13.59	14.7	0.0				
Channel												
Frequency (MHz)												
10	QPSK	1	1	13.58	13.84	13.58	14.7	0.0				

n41_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)												
100	QPSK	1	1	23.44	23.22	22.94	24.2	0.0				
100	QPSK	1	137	23.30	22.98	22.76						
100	QPSK	1	271	23.15	22.90	22.67						
100	QPSK	135	0	22.12	22.02	21.78						
100	QPSK	135	69	23.24	22.99	22.73						
100	QPSK	135	138	22.12	21.88	21.65	24.2	1.0				
100	QPSK	270	0	22.11	21.88	21.62						
100	16QAM	1	1	21.91	21.66	21.44						
100	64QAM	1	1	20.38	20.16	19.89						
100	256QAM	1	1	19.00	18.78	18.56						
Channel												
Frequency (MHz)												
90	QPSK	1	1	23.39	23.21	22.92	24.2	0.0				
Channel												
Frequency (MHz)												
80	QPSK	1	1	23.29	23.12	22.89	24.2	0.0				
Channel												
Frequency (MHz)												
60	QPSK	1	1	23.44	23.18	22.87	24.2	0.0				
Channel												
Frequency (MHz)												
50	QPSK	1	1	23.40	23.16	22.86	24.2	0.0				
Channel												
Frequency (MHz)												
40	QPSK	1	1	23.39	23.10	22.88	24.2	0.0				
Channel												
Frequency (MHz)												
30	QPSK	1	1	23.39	23.09	22.84	24.2	0.0				
Channel												
Frequency (MHz)												
20	QPSK	1	1	23.43	23.07	22.89	24.2	0.0				
Channel												
Frequency (MHz)												
15	QPSK	1	1	23.42	23.17	22.93	24.2	0.0				
Channel												
Frequency (MHz)												
10	QPSK	1	1	23.32	23.09	22.95	24.2	0.0				

n41_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518998	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	13.51	13.35	13.55		
100	QPSK	1	137	13.40	13.24	13.16	14.2	0.0
100	QPSK	1	271	13.41	13.24	13.20		
100	QPSK	135	0	13.37	13.17	13.10		
100	QPSK	135	69	13.44	13.22	13.21	14.2	0.0
100	QPSK	135	138	13.39	13.07	13.11		
100	QPSK	270	0	13.38	13.14	13.08	14.2	0.0
100	16QAM	1	1	13.31	13.14	13.12	14.2	0.0
100	64QAM	1	1	13.46	13.23	13.14	14.2	0.0
100	256QAM	1	1	13.40	13.22	13.24	14.2	0.0
Channel				508200	518998	526998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	13.37	13.28	13.23	14.2	0.0
Channel				507204	518998	526998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	13.41	13.29	13.21	14.2	0.0
Channel				506200	518998	531998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.99		
60	QPSK	1	1	13.45	13.24	13.22	14.2	0.0
Channel				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	13.38	13.30	13.29	14.2	0.0
Channel				503202	518998	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	13.41	13.29	13.18	14.2	0.0
Channel				502200	518998	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	13.43	13.22	13.21	14.2	0.0
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	13.41	13.30	13.23	14.2	0.0
Channel				500700	518998	536498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.5	2592.99	2682.48		
15	QPSK	1	1	13.39	13.27	13.17	14.2	0.0
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	13.46	13.23	13.21	14.2	0.0

BT/WLAN Power

<WLAN 2.4GHz FCC>

2.4GHz WLAN				Full	Head Standalone& WWAN+2.4G	Hotspot on	Body-worn-Extremity	Duty Cycle %		
				Ant.843	Ant.8	Ant.843	Ant.843			
Mode	Channel	Frequency (MHz)	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	9.64	11.50	9.64	11.50	9.64	11.50	99.64
		6	2437	11.40	13.00	11.40	13.00	11.40	13.00	
		11	2462	11.70	13.50	11.70	13.50	11.70	13.50	
	802.11g 6Mbps	1	2412	12.26	14.00	12.26	14.00	12.26	14.00	97.20
		6	2437	13.65	15.50	13.65	15.50	13.65	15.50	
		11	2462	13.36	15.00	13.36	15.00	13.36	15.00	
	802.11n-HT20 MCS0	1	2412	12.26	14.00	12.26	14.00	12.26	14.00	97.74
		6	2437	14.05	15.00	14.05	15.00	14.05	15.00	
		11	2462	13.25	15.00	13.25	15.00	13.25	15.00	
	802.11n-HT40 MCS0	3	2422	15.75	17.50	15.75	17.50	15.75	17.50	95.59
		6	2437	16.45	18.00	16.45	18.00	16.45	18.00	
		7	2442	14.50	16.50	14.50	16.50	14.50	16.50	
	802.11ac-VHT20 MCS0	8	2447	14.10	16.00	14.10	16.00	14.10	16.00	95.89
		9	2452	12.88	14.50	12.88	14.50	12.88	14.50	
		1	2412	14.00	15.00	14.00	15.00	14.00	15.00	
	802.11ac-VHT40 MCS0	6	2437	15.00	16.00	15.00	16.00	15.00	16.00	92.46
		11	2462	15.00	16.00	15.00	16.00	15.00	16.00	
		3	2422	Not Required	17.50	3	2422	Not Required	17.50	
	802.11ac-VHT80 MCS0	6	2437	Required	16.00	6	2437	Required	16.00	92.46
		7	2442	Required	16.00	7	2442	Required	16.00	
		8	2447	Required	16.00	8	2447	Required	16.00	
	802.11ac-VHT160 MCS0	9	2452	Required	14.50	9	2452	Required	14.50	92.46
		1	2412	Required	14.50	1	2412	Required	14.50	
		6	2437	Required	14.50	6	2437	Required	14.50	

<WLAN 5GHz FCC>

5.2GHz WLAN				Full	Head Standalone5G+BT	Head WWAN+5G+BT	Hotspot on	Body-worn-Extremity	Duty Cycle %		
				Air 889	Air 8	Air 889	Air 889	Air 889			
Mode	Channel	Frequency (MHz)	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	17.22	18.50	14.50	11.50	13.50	17.22	18.50	97.89
		40	5200	17.18	18.50	14.50	11.50	13.50	17.18	18.50	
		44	5220	17.36	18.50	14.50	11.50	13.50	17.36	18.50	
	802.11n-HT20 MCS0	48	5240	17.39	18.50	14.50	11.50	13.50	17.39	18.50	97.76
		36	5180	17.10	18.50	14.50	11.50	13.50	17.10	18.50	
		40	5200	17.08	18.50	14.50	11.50	13.50	17.08	18.50	
	802.11n-HT40 MCS0	44	5220	17.25	18.50	14.50	11.50	13.50	17.25	18.50	94.20
		48	5240	17.26	18.50	14.50	11.50	13.50	17.26	18.50	
		38	5190	14.56	16.50	Not Required	Not Required	Not Required	14.56	16.50	
	802.11ac-VHT20 MCS0	46	5230	16.62	18.50	14.50	11.50	13.50	16.62	18.50	96.79
		36	5180	16.50	18.50	14.50	11.50	13.50	16.50	18.50	
		40	5200	16.50	18.50	14.50	11.50	13.50	16.50	18.50	
	802.11ac-VHT40 MCS0	44	5220	Not Required	16.50	14.50	11.50	13.50	Not Required	16.50	93.54
		48	5240	Not Required	16.50	14.50	11.50	13.50	Not Required	16.50	
		38	5190	Not Required	16.50	14.50	11.50	13.50	Not Required	16.50	
	802.11ac-VHT80 MCS0	46	5230	Not Required	18.50	14.50	11.50	13.50	Not Required	18.50	88.89
		42	5210	12.56	13.50	12.56	10.58	11.50	12.56	13.50	
		42	5210	12.56	13.50	12.56	10.58	11.50	12.56	13.50	

5.3GHz WLAN				Full	Head Standalone 5G+BT	Head WWAN+5G+BT	Body-worn-Extremity Standalone 5G+BT	Body-worn-Extremity WWAN+5G+BT	Duty Cycle %					
				Air 860	Air 8	Air 860	Air 860	Air 860						
Mode	Channel	Frequency (MHz)	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	5260	15.32	17.00	14.50	11.50	15.32	17.00	97.89				
		56	5280	15.25	17.00	14.50	11.50	15.25	17.00					
		60	5300	15.27	17.00	14.50	11.50	15.27	17.00					
	802.11n-HT20 MCS0	64	5320	15.29	17.00	14.50	11.50	15.29	17.00	97.76				
		52	5260	15.24	17.00	14.50	11.50	15.24	17.00					
		56	5280	15.14	17.00	14.50	11.50	15.14	17.00					
	802.11n-HT40 MCS0	60	5300	15.19	17.00	14.50	11.50	15.19	17.00	94.20				
		54	5270	14.20	16.00	Not Required	Not Required	11.50	14.20					
		54	5270	14.69	16.50	14.50	11.50	14.69	16.50					
	802.11ac-VHT20 MCS0	82	5310	14.63	16.50	14.50	11.50	14.63	16.50	96.79				
		52	5260	17.00	18.50	14.50	11.50	17.00	18.50					
		60	5300	17.00	18.50	14.50	11.50	17.00	18.50					
	802.11ac-VHT40 MCS0	64	5320	Not Required	16.50	14.50	11.50	Not Required	16.50	93.54				
		54	5270	Not Required	16.50	14.50	11.50	Not Required	16.50					
		62	5310	Not Required	16.50	14.50	11.50	Not Required	16.50					
	802.11ac-VHT80 MCS0	58	5290	13.01	14.50	13.01	14.50	10.02	11.50	13.01	14.50	13.01	14.50	88.89

5.5GHz WLAN				Full	Head Standalone5G+BT	Head WWAN+5G+BT	Body-worn-Extremity Standalone5G+BT	Body-worn-Extremity WWAN+5G+BT	Duty Cycle %		
Air 883				Air 8	Air 8	Air 883	Air 883				
Mode	Channel	Frequency (MHz)	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	12.37	14.00	15.00	11.50	12.37	14.00	97.89	
		116	5580	12.10	14.00	15.00	11.50	12.10	14.00		
		124	5620	15.08	17.00	15.00	11.50	15.08	17.00		
	802.11n-HT20 MCS0	132	5660	15.07	17.00	15.00	11.50	15.07	17.00	97.76	
		140	5700	11.61	13.50	15.00	11.61	13.50	11.61		13.50
		100	5500	12.32	14.00	15.00	11.50	12.32	14.00		
	802.11n-HT40 MCS0	116	5580	11.60	13.50	15.00	11.50	11.60	13.50	94.20	
		124	5620	15.08	17.00	15.00	11.50	15.08	17.00		
		132	5660	15.05	17.00	15.00	11.50	15.05	17.00		
	802.11ac-VHT20 MCS0	140	5700	11.51	13.50	15.00	11.50	11.51	13.50	96.79	
		102	5510	12.73	14.00	15.00	12.73	14.00	14.00		
		110	5550	14.68	16.00	15.00	11.50	14.68	16.00		
	802.11ac-VHT40 MCS0	126	5630	14.66	16.00	15.00	11.50	14.66	16.00	93.54	
		134	5670	14.86	16.00	15.00	11.50	14.86	16.00		
		100	5500	14.50	16.00	15.00	11.50	14.50	16.00		
	802.11ac-VHT80 MCS0	116	5580	13.50	15.00	15.00	11.50	13.50	15.00	88.89	
		124	5620	17.00	18.50	15.00	11.50	17.00	18.50		
		132	5660	17.00	18.50	15.00	11.50	17.00	18.50		

5.8GHz WLAN				Full	Head Standalone5G+BT	Head WWAN+5G+BT	Hotspot on	Body-worn-Extremity	Duty Cycle %					
				Airt 889	Airt 8	Airt 8	Airt 889	Airt 889						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit						
5.8GHz WLAN	802.11a 6Mbps	149	5745	12.63	14.50	12.63	14.50	11.00	12.63	14.50	97.89			
		157	5785	10.80	12.50	10.84	12.50	11.00	10.80	12.50		10.90	12.50	
		165	5825	10.94	12.50	10.84	12.50	11.00	10.84	12.50		10.84	12.50	
	802.11n-HT20 MCS0	149	5745	12.97	14.50	12.97	14.50	14.50	12.97	14.50	12.97	97.76		
		157	5785	11.25	13.00	11.25	13.00	11.00	11.25	13.00	11.25		13.00	
		165	5825	9.64	11.50	9.64	11.50	Not Required	11.00	9.64	11.50		9.64	11.50
	802.11n-HT40 MCS0	151	5755	12.93	14.50	12.93	14.50	11.00	12.93	14.50	12.93	94.20		
		159	5795	12.72	14.50	12.72	14.50	11.00	12.72	14.50	12.72		14.50	
		149	5745	14.50	16.00	14.50	16.00	Not Required	14.50	16.00	14.50		16.00	
	802.11ac-VHT20 MCS0	157	5785	Not Required	13.00	Not Required	13.00	11.00	13.00	13.00	13.00	96.79		
		165	5825	Not Required	11.50	Not Required	11.50	Not Required	11.50	Not Required	11.50		11.50	
		151	5755	Not Required	14.50	Not Required	14.50	Not Required	14.50	Not Required	14.50		14.50	
	802.11ac-VHT40 MCS0	159	5795	Not Required	14.50	Not Required	14.50	11.00	14.50	14.50	14.50	93.75		
		155	5775	12.64	14.50	12.64	14.50	9.15	11.00	12.64	14.50		12.64	14.50
		155	5775	12.64	14.50	12.64	14.50	9.15	11.00	12.64	14.50		12.64	14.50

<Bluetooth>			Ant 8		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
BR / EDR	CH 00	2402	1Mpps	2Mpps	3Mpps
			14.49	11.60	11.55
	CH 39	2441	14.21	11.20	11.16
	CH 78	2480	14.45	11.46	11.41
Tune-up Limit			14.5	12	12

			Ant 9			
Mode	Channel	Frequency (MHz)	Average power (dBm)			
LE			1Mbps	2Mbps	125kbps	500kbps
	CH 00	2402	-2.75	-2.66	-2.72	-2.72
	CH 01	2404	-2.66	-2.66	-2.66	-2.66
	CH 19	2440	-2.20	-2.15	-2.15	-2.15
	CH 38	2476	-2.15	-2.15	-2.15	-2.15
	CH 38	2480	-2.23	-2.12	-2.20	-2.20
Tune-up Limit			-2.00			