

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	Tune-up Limit (dBm)	824.2	836.4	848.8	Tune-up Limit (dBm)
GSM 1 Tx slot		33.13	33.18	33.15		34.00	24.13	24.18	
GPRS/EDGE GMSK 1 Tx slot		33.11	33.17	33.13	34.00	24.11	24.17	24.13	25.00
GPRS/EDGE GMSK 2 Tx slots		30.13	30.20	30.16	31.00	24.13	24.20	24.16	25.00
GPRS/EDGE GMSK 3 Tx slots		28.60	28.65	28.61	29.00	24.34	24.39	24.35	24.74
GPRS/EDGE GMSK 4 Tx slots		27.01	27.10	27.05	28.00	24.01	24.10	24.05	25.00
EDGE 8PSK 1 Tx slot		28.08	28.15	28.13	30.00	19.08	19.15	19.13	21.00
EDGE 8PSK 2 Tx slots		26.85	26.89	26.88	27.00	20.85	20.89	20.88	21.00
EDGE 8PSK 3 Tx slots		24.72	24.81	24.71	25.00	20.46	20.55	20.45	20.74
EDGE 8PSK 4 Tx slots		23.71	23.75	23.64	24.00	20.71	20.75	20.64	21.00

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	Tune-up Limit (dBm)	824.2	836.4	848.8	Tune-up Limit (dBm)
GSM 1 Tx slot		33.10	33.13	33.11		34.00	24.10	24.13	
GPRS/EDGE GMSK 1 Tx slot		33.08	33.11	33.10	34.00	24.08	24.11	24.10	25.00
GPRS/EDGE GMSK 2 Tx slots		30.10	30.14	30.11	31.00	24.10	24.14	24.11	25.00
GPRS/EDGE GMSK 3 Tx slots		28.53	28.59	28.56	29.00	24.27	24.33	24.30	24.74
GPRS/EDGE GMSK 4 Tx slots		26.97	27.05	27.00	28.00	23.97	24.05	24.00	25.00
EDGE 8PSK 1 Tx slot		28.06	28.13	28.03	30.00	19.06	19.13	19.03	21.00
EDGE 8PSK 2 Tx slots		26.67	26.77	26.66	27.00	20.67	20.77	20.66	21.00
EDGE 8PSK 3 Tx slots		24.54	24.64	24.55	25.00	20.28	20.38	20.29	20.74
EDGE 8PSK 4 Tx slots		23.35	23.38	23.29	24.00	20.35	20.38	20.29	21.00

GSM1900_Ant 4		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	Tune-up Limit (dBm)	1850.2	1880	1909.8	Tune-up Limit (dBm)
GSM 1 Tx slot		30.20	30.25	30.22		31.00	21.20	21.25	
GPRS/EDGE GMSK 1 Tx slot		30.18	30.23	30.21	31.00	21.18	21.23	21.21	22.00
GPRS/EDGE GMSK 2 Tx slots		27.25	27.30	27.28	28.00	21.25	21.30	21.28	22.00
GPRS/EDGE GMSK 3 Tx slots		25.75	25.82	25.78	26.00	21.49	21.56	21.52	21.74
GPRS/EDGE GMSK 4 Tx slots		24.19	24.26	24.23	25.00	21.19	21.26	21.23	22.00
EDGE 8PSK 1 Tx slot		26.10	26.18	26.09	28.00	17.10	17.18	17.09	19.00
EDGE 8PSK 2 Tx slots		24.88	24.90	24.84	25.00	18.88	18.90	18.84	19.00
EDGE 8PSK 3 Tx slots		22.58	22.64	22.56	23.00	18.32	18.38	18.30	18.74
EDGE 8PSK 4 Tx slots		21.25	21.38	21.26	22.00	18.25	18.38	18.26	19.00

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	Tune-up Limit (dBm)	1850.2	1880	1909.8	Tune-up Limit (dBm)
GSM 1 Tx slot		30.35	30.37	30.30		31.00	21.35	21.37	
GPRS/EDGE GMSK 1 Tx slot		30.33	30.36	30.28	31.00	21.33	21.36	21.28	22.00
GPRS/EDGE GMSK 2 Tx slots		27.44	27.45	27.41	28.00	21.44	21.45	21.41	22.00
GPRS/EDGE GMSK 3 Tx slots		25.93	25.96	25.90	26.00	21.67	21.70	21.64	21.74
GPRS/EDGE GMSK 4 Tx slots		24.37	24.40	24.35	25.00	21.37	21.40	21.35	22.00
EDGE 8PSK 1 Tx slot		26.30	26.43	26.40	28.00	17.30	17.43	17.40	19.00
EDGE 8PSK 2 Tx slots		24.86	24.89	24.85	25.00	18.86	18.89	18.85	19.00
EDGE 8PSK 3 Tx slots		22.63	22.68	22.61	23.00	18.37	18.42	18.35	18.74
EDGE 8PSK 4 Tx slots		21.48	21.54	21.42	22.00	18.48	18.54	18.42	19.00

Band		WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA II_Ant 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938	Tune-up Limit (dBm)	9662	9800	9938	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	24.45	24.58	24.36	25.10	24.46	24.48	24.17	25.10
3GPP Rel 99	RMC 12.2Kbps	24.48	24.60	24.38	25.10	24.48	24.50	24.18	25.10
3GPP Rel 6	HSDPA Subtest-1	22.69	23.16	22.91	23.30	22.92	23.10	22.77	23.30
3GPP Rel 6	HSDPA Subtest-2	22.70	23.13	22.94	23.30	22.95	23.06	22.78	23.30
3GPP Rel 6	HSDPA Subtest-3	22.28	22.70	22.43	22.80	22.51	22.62	22.28	22.80
3GPP Rel 6	HSDPA Subtest-4	22.24	22.63	22.38	22.80	22.48	22.57	22.27	22.80
3GPP Rel 8	DC-HSDPA Subtest-1	22.57	23.02	22.76	23.30	22.83	23.01	22.66	23.30
3GPP Rel 8	DC-HSDPA Subtest-2	22.67	23.06	22.89	23.30	22.80	22.99	22.73	23.30
3GPP Rel 8	DC-HSDPA Subtest-3	22.24	22.64	22.41	22.80	22.41	22.60	22.15	22.80
3GPP Rel 8	DC-HSDPA Subtest-4	22.21	22.63	22.33	22.80	22.44	22.52	22.26	22.80
3GPP Rel 6	HSUPA Subtest-1	21.16	21.61	21.43	21.80	21.30	21.46	21.15	21.80
3GPP Rel 6	HSUPA Subtest-2	21.20	21.63	21.45	21.80	21.35	21.41	21.15	21.80
3GPP Rel 6	HSUPA Subtest-3	22.26	22.66	22.48	22.80	22.37	22.46	22.15	22.80
3GPP Rel 6	HSUPA Subtest-4	20.95	21.37	21.18	21.80	20.88	20.99	20.70	21.80
3GPP Rel 6	HSUPA Subtest-5	22.70	22.75	22.73	22.80	22.30	22.40	22.10	22.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.10	21.58	21.41	21.80	21.25	21.37	21.00	21.80

Band		WCDMA IV_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 3			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738	Tune-up Limit (dBm)	1537	1638	1738	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.31	24.33	24.26	25.10	24.05	24.07	24.04	25.10
3GPP Rel 99	RMC 12.2Kbps	24.33	24.35	24.30	25.10	24.07	24.10	24.07	25.10
3GPP Rel 6	HSDPA Subtest-1	23.37	23.32	23.27	23.80	22.93	22.96	22.99	23.80
3GPP Rel 6	HSDPA Subtest-2	23.36	23.30	23.31	23.80	22.92	22.93	22.97	23.80
3GPP Rel 6	HSDPA Subtest-3	22.91	22.92	22.81	23.30	22.51	22.47	22.49	23.30
3GPP Rel 6	HSDPA Subtest-4	22.87	22.85	22.80	23.30	22.45	22.42	22.45	23.30
3GPP Rel 8	DC-HSDPA Subtest-1	23.22	23.23	23.15	23.80	22.80	22.90	22.87	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	23.24	23.27	23.30	23.80	22.78	22.85	22.85	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.86	22.87	22.74	23.30	22.47	22.45	22.43	23.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.83	22.72	22.76	23.30	22.43	22.41	22.35	23.30
3GPP Rel 6	HSUPA Subtest-1	21.46	21.36	21.34	21.80	21.00	20.99	21.03	21.80
3GPP Rel 6	HSUPA Subtest-2	21.41	21.40	21.40	21.80	20.98	21.05	20.97	21.80
3GPP Rel 6	HSUPA Subtest-3	22.42	22.34	22.37	22.80	21.99	22.01	22.01	22.80
3GPP Rel 6	HSUPA Subtest-4	20.93	20.92	20.94	21.80	20.45	20.56	20.61	21.80
3GPP Rel 6	HSUPA Subtest-5	22.40	22.40	22.30	22.80	22.00	22.00	22.00	22.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.37	21.29	21.39	21.80	20.88	20.98	20.95	21.80

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
Tx Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4367	4407	4458	4367	4407	4458		
Frequency (MHz)		826.4	830.4	846.6	826.4	830.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	24.50	24.53	24.48	25.10	24.50	24.53	24.51	25.10
3GPP Rel 99	RMC 12.2Kbps	24.52	24.55	24.50	25.10	24.53	24.55	24.53	25.10
3GPP Rel 6	HSDPA Subtest-1	23.49	23.47	23.62	23.80	23.57	23.47	23.63	23.80
3GPP Rel 6	HSDPA Subtest-2	23.53	23.48	23.68	23.80	23.55	23.48	23.63	23.80
3GPP Rel 6	HSDPA Subtest-3	23.05	23.01	23.20	23.30	23.08	23.04	23.20	23.30
3GPP Rel 6	HSDPA Subtest-4	23.00	22.97	23.22	23.30	23.04	23.00	23.15	23.30
3GPP Rel 8	DC-HSDPA Subtest-1	23.41	23.45	23.54	23.80	23.55	23.35	23.49	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	23.52	23.43	23.63	23.80	23.54	23.38	23.62	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	23.02	22.89	23.05	23.30	23.05	22.96	23.18	23.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.85	22.91	23.18	23.30	22.95	22.87	23.14	23.30
3GPP Rel 6	HSUPA Subtest-1	21.49	21.47	21.56	21.80	21.49	21.45	21.54	21.80
3GPP Rel 6	HSUPA Subtest-2	21.51	21.50	21.55	21.80	21.51	21.48	21.55	21.80
3GPP Rel 6	HSUPA Subtest-3	22.59	22.56	22.59	22.80	22.52	22.51	22.58	22.80
3GPP Rel 6	HSUPA Subtest-4	21.02	20.98	21.06	21.30	21.05	21.00	21.09	21.30
3GPP Rel 6	HSUPA Subtest-5	22.50	22.50	22.60	22.80	22.50	22.40	22.60	22.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.38	21.38	21.43	21.80	21.43	21.27	21.47	21.80



Band 2_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				18700	18900	19100	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	23.36	23.38	23.31	23.8	0		
20	QPSK	1	49	23.32	23.36	23.30				
20	QPSK	1	99	23.24	23.14	23.03				
20	QPSK	50	0	22.25	22.27	22.20	22.8	1		
20	QPSK	50	24	22.23	22.28	22.16				
20	QPSK	50	50	22.23	22.23	22.06				
20	QPSK	100	0	22.25	22.35	22.07	22.8	1		
20	16QAM	1	0	22.46	22.52	22.41				
20	16QAM	1	49	22.55	22.55	22.28				
20	16QAM	1	99	22.48	22.34	22.26	21.8	2		
20	16QAM	50	0	21.25	21.29	21.13				
20	16QAM	50	24	21.32	21.26	21.09				
20	16QAM	50	50	21.22	21.22	21.04	21.8	2		
20	16QAM	100	0	21.22	21.25	21.03				
20	64QAM	1	0	21.36	21.40	21.36				
20	64QAM	1	49	21.51	21.49	21.20	21.8	2		
20	64QAM	1	99	21.40	21.32	21.15				
20	64QAM	50	0	20.36	20.32	20.28				
20	64QAM	50	24	20.38	20.31	20.25	20.8	3		
20	64QAM	50	50	20.23	20.24	20.16				
20	64QAM	100	0	20.20	20.25	20.21				
Channel				18915	19000	19105	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1892.5	1895	1902.5				
15	QPSK	1	0	23.21	23.35	23.22	23.8	0		
15	QPSK	1	37	23.31	23.30	23.03				
15	QPSK	1	74	23.16	23.11	22.93				
15	QPSK	36	0	22.31	22.23	22.16	22.8	1		
15	QPSK	36	20	22.23	22.18	22.09				
15	QPSK	36	39	22.15	22.16	22.03				
15	QPSK	75	0	22.20	22.33	22.30	22.8	1		
15	16QAM	1	0	22.45	22.51	22.34				
15	16QAM	1	37	22.46	22.49	22.20				
15	16QAM	1	74	22.36	22.27	22.19	21.8	2		
15	16QAM	36	0	21.17	21.18	21.09				
15	16QAM	36	20	21.28	21.13	20.99				
15	16QAM	36	39	21.13	21.08	20.99	21.8	2		
15	16QAM	75	0	21.18	21.21	21.01				
15	64QAM	1	0	21.30	21.30	21.33				
15	64QAM	1	37	21.48	21.45	21.18	21.8	2		
15	64QAM	1	74	21.39	21.28	21.00				
15	64QAM	36	0	20.32	20.25	20.19				
15	64QAM	36	20	20.34	20.17	20.17	20.8	3		
15	64QAM	36	39	20.13	20.13	20.01				
15	64QAM	75	0	20.16	20.18	20.08				
Channel				18950	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1895 <th>1880<th>1905</th><th data-kind="ghost"></th><th data-kind="ghost"></th><th data-cs="2" data-kind="parent"></th><th data-kind="ghost"></th></th>	1880 <th>1905</th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-cs="2" data-kind="parent"></th> <th data-kind="ghost"></th>	1905				
10	QPSK	1	0	23.28	23.25	23.23	23.8	0		
10	QPSK	1	25	23.31	23.31	22.95				
10	QPSK	1	49	23.13	23.08	22.97				
10	QPSK	25	0	22.23	22.28	22.26	22.8	1		
10	QPSK	25	12	22.26	22.27	21.99				
10	QPSK	25	25	22.18	22.17	22.03				
10	QPSK	50	0	22.11	22.26	21.95	22.8	1		
10	16QAM	1	0	22.33	22.43	22.27				
10	16QAM	1	25	22.54	22.41	22.15				
10	16QAM	1	49	22.34	22.33	22.16	21.8	2		
10	16QAM	25	0	21.14	21.25	21.03				
10	16QAM	25	12	21.30	21.25	21.03				
10	16QAM	25	25	21.29	21.28	20.98	21.8	2		
10	16QAM	50	0	21.21	21.13	20.96				
10	64QAM	1	0	21.30	21.27	21.28				
10	64QAM	1	25	21.38	21.47	21.14	21.8	2		
10	64QAM	1	49	21.38	21.22	21.03				
10	64QAM	25	0	20.27	20.27	20.22				
10	64QAM	25	12	20.34	20.29	20.23	20.8	3		
10	64QAM	25	25	20.15	20.19	20.04				
10	64QAM	50	0	20.16	20.15	20.16				
Channel				18925	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1892.5	1890 <th>1907.5</th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-cs="2" data-kind="parent"></th> <th data-kind="ghost"></th>	1907.5				
5	QPSK	1	0	23.25	23.29	23.22	23.8	0		
5	QPSK	1	12	23.25	23.28	23.03				
5	QPSK	1	24	23.17	23.00	22.98				
5	QPSK	12	0	22.25	22.31	22.24	22.8	1		
5	QPSK	12	7	22.26	22.25	22.08				
5	QPSK	12	13	22.10	22.19	22.00				
5	QPSK	25	0	22.22	22.26	21.92	22.8	1		
5	16QAM	1	0	22.40	22.45	22.36				
5	16QAM	1	12	22.42	22.42	22.19				
5	16QAM	1	24	22.46	22.27	22.21	21.8	2		
5	16QAM	12	0	21.12	21.23	21.03				
5	16QAM	12	7	21.21	21.12	21.08				
5	16QAM	12	13	21.13	21.10	20.99	21.8	2		
5	16QAM	25	0	21.16	21.24	21.00				
5	64QAM	1	0	21.23	21.26	21.31				
5	64QAM	1	12	21.42	21.45	21.08	21.8	2		
5	64QAM	1	24	21.38	21.18	21.05				
5	64QAM	12	0	20.21	20.25	20.15				
5	64QAM	12	7	20.36	20.18	20.22	20.8	3		
5	64QAM	12	13	20.20	20.13	20.09				
5	64QAM	25	0	20.29	20.15	20.11				
Channel				18915	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1891.5 <th>1880<th>1908.5</th><th data-kind="ghost"></th><th data-kind="ghost"></th><th data-cs="2" data-kind="parent"></th><th data-kind="ghost"></th></th>	1880 <th>1908.5</th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-cs="2" data-kind="parent"></th> <th data-kind="ghost"></th>	1908.5				
3	QPSK	1	0	23.33	23.31	23.26	23.8	0		
3	QPSK	1	8	23.21	23.26	23.07				
3	QPSK	1	14	23.33	23.08	22.90				
3	QPSK	8	0	22.30	22.27	22.16	22.8	1		
3	QPSK	8	4	22.22	22.14	22.03				
3	QPSK	8	7	22.13	22.15	22.00				
3	QPSK	15	0	22.23	22.33	22.02	22.8	1		
3	16QAM	1	0	22.38	22.49	22.32				
3	16QAM	1	8	22.53	22.48	22.16				
3	16QAM	1	14	22.38	22.28	22.12	21.8	2		
3	16QAM	8	0	21.15	21.14	21.11				
3	16QAM	8	4	21.26	21.13	20.98				
3	16QAM	8	7	21.11	21.08	20.93	21.8	2		
3	16QAM	15	0	21.18	21.12	20.89				
3	64QAM	1	0	21.34	21.35	21.31				
3	64QAM	1	8	21.44	21.46	21.12	21.8	2		
3	64QAM	1	14	21.37	21.25	21.09				
3										

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	24.08	24.10	24.06	25	0		
20	QPSK	1	49	23.93	24.04	24.02				
20	QPSK	1	99	23.89	23.89	23.86				
20	QPSK	50	0	23.56	23.58	23.55	24	1		
20	QPSK	50	24	23.43	23.49	23.50				
20	QPSK	50	50	23.39	23.48	23.40				
20	QPSK	100	0	23.40	23.55	23.44	24	1		
20	16QAM	1	0	23.65	23.80	23.80				
20	16QAM	1	49	23.66	23.81	23.85				
20	16QAM	1	99	23.68	23.69	23.63	23	2		
20	16QAM	50	0	22.63	22.75	22.73				
20	16QAM	50	24	22.68	22.75	22.77				
20	16QAM	50	50	22.69	22.71	22.66	23	2		
20	16QAM	100	0	22.64	22.70	22.67				
20	64QAM	1	0	22.77	22.97	22.85				
20	64QAM	1	49	22.74	22.85	22.94	22	3		
20	64QAM	1	99	22.83	22.82	22.83				
20	64QAM	50	0	21.62	21.73	21.74				
20	64QAM	50	24	21.68	21.72	21.78	22	3		
20	64QAM	50	50	21.69	21.70	21.66				
20	64QAM	100	0	21.66	21.70	21.67				
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1732.5	1747.5				
15	QPSK	1	0	23.94	24.09	24.00	25	0		
15	QPSK	1	37	23.81	23.93	23.99				
15	QPSK	1	74	23.82	23.77	23.79				
15	QPSK	36	0	23.53	23.45	23.47	24	1		
15	QPSK	36	20	23.33	23.39	23.42				
15	QPSK	36	39	23.27	23.36	23.30				
15	QPSK	75	0	23.25	23.47	23.33	24	1		
15	16QAM	1	0	23.61	23.77	23.67				
15	16QAM	1	37	23.59	23.68	23.71				
15	16QAM	1	74	23.53	23.58	23.52	23	2		
15	16QAM	36	0	22.55	22.70	22.66				
15	16QAM	36	20	22.60	22.74	22.68				
15	16QAM	36	39	22.56	22.63	22.64	23	2		
15	16QAM	75	0	22.56	22.58	22.56				
15	64QAM	1	0	22.64	22.83	22.77				
15	64QAM	1	37	22.66	22.71	22.89	23	2		
15	64QAM	1	74	22.74	22.72	22.72				
15	64QAM	36	0	21.53	21.72	21.63				
15	64QAM	36	20	21.54	21.65	21.74	22	3		
15	64QAM	36	39	21.62	21.64	21.64				
15	64QAM	75	0	21.60	21.62	21.60				
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1732.5	1750				
10	QPSK	1	0	23.99	24.08	23.99	25	0		
10	QPSK	1	25	23.78	23.97	23.99				
10	QPSK	1	49	23.76	23.80	23.72				
10	QPSK	25	0	23.43	23.51	23.43	24	1		
10	QPSK	25	12	23.31	23.43	23.47				
10	QPSK	25	25	23.36	23.42	23.37				
10	QPSK	50	0	23.37	23.42	23.40	24	1		
10	16QAM	1	0	23.61	23.77	23.75				
10	16QAM	1	25	23.53	23.72	23.76				
10	16QAM	1	49	23.65	23.58	23.54	23	2		
10	16QAM	25	0	22.51	22.69	22.60				
10	16QAM	25	12	22.61	22.62	22.74				
10	16QAM	25	25	22.56	22.62	22.51	23	2		
10	16QAM	50	0	22.55	22.65	22.55				
10	64QAM	1	0	22.75	22.89	22.80				
10	64QAM	1	25	22.60	22.79	22.87	23	2		
10	64QAM	1	49	22.77	22.75	22.68				
10	64QAM	25	0	21.58	21.62	21.68				
10	64QAM	25	12	21.58	21.64	21.72	22	3		
10	64QAM	25	25	21.66	21.62	21.53				
10	64QAM	50	0	21.62	21.56	21.53				
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1732.5	1752.5				
5	QPSK	1	0	24.06	24.06	23.99	25	0		
5	QPSK	1	12	23.81	24.00	23.90				
5	QPSK	1	24	23.80	23.78	23.75				
5	QPSK	12	0	23.43	23.51	23.43	24	1		
5	QPSK	12	7	23.30	23.45	23.39				
5	QPSK	12	13	23.26	23.36	23.31				
5	QPSK	25	0	23.37	23.41	23.31	24	1		
5	16QAM	1	0	23.53	23.77	23.74				
5	16QAM	1	12	23.51	23.71	23.73				
5	16QAM	1	24	23.65	23.61	23.59	23	2		
5	16QAM	12	0	22.57	22.71	22.61				
5	16QAM	12	7	22.60	22.62	22.68				
5	16QAM	12	13	22.57	22.60	22.53	23	2		
5	16QAM	25	0	22.53	22.62	22.62				
5	64QAM	1	0	22.76	22.88	22.74				
5	64QAM	1	12	22.70	22.78	22.79	23	2		
5	64QAM	1	24	22.82	22.81	22.78				
5	64QAM	12	0	21.52	21.67	21.69				
5	64QAM	12	7	21.57	21.63	21.76	22	3		
5	64QAM	12	13	21.58	21.65	21.53				
5	64QAM	25	0	21.56	21.66	21.59				
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1732.5	1753.5				
3	QPSK	1	0	23.97	23.99	24.02	25	0		
3	QPSK	1	8	23.83	23.98	23.94				
3	QPSK	1	14	23.80	23.79	23.80				
3	QPSK	8	0	23.55	23.43	23.50	24	1		
3	QPSK	8	4	23.41	23.41	23.46				
3	QPSK	8	7	23.37	23.34	23.36				
3	QPSK	15	0	23.30	23.43	23.31	24	1		
3	16QAM	1	0	23.59	23.78	23.66				
3	16QAM	1	8	23.51	23.79	23.76				
3	16QAM	1	14	23.60	23.59	23.49	23	2		
3	16QAM	8	0	22.52	22.61	22.60				
3	16QAM	8	4	22.65	22.69	22.65				
3	16QAM	8	7	22.54	22.65	22.53	23	2		
3	16QAM	15	0	22.50	22.61	22.52				
3	64QAM	1	0	22.65	22.95	22.74				
3	64QAM	1	8	22.67	22.83	22.86	23	2		
3	64QAM	1	14	22.71	22.72	22.75				
3	64QAM	8	0	21.50	21.61	21.67				
3	64QAM	8	4	21.53	21.61	21.64	22	3		
3	64QAM	8	7	21.66	21.61	21.64				
3	64QAM	15	0	21.62	21.56	21.63				
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1732.5	1754.3				
1.4	QPSK	1	0	24.01	23.95	24.00	25	0		
1.4	QPSK	1	3	23.84	23.92	23.99				
1.4	QPSK	1	5	23.78	23.86	23.94				
1.4	QPSK	3	0	23.96	23.98	23.97	24	1		
1.4	QPSK	3	1	23.85	23.89	23.98				
1.4	QPSK	3	3	23.86	23.77	23.75				
1.4	QPSK	6	0	23.52	23.49	23.51	24	1		
1.4	16QAM	1	0	23.31	23.40	23.37				
1.4	16QAM	1	3	23.32	23.36	23.27				
1.4	16QAM	1	5	23.25	23.40	23.42	24	1		
1.4	16QAM	3	0	23.45	23.69	23.74				
1.4	16QAM	3	3	23.61	23.71	23.80				
1.4	16QAM	3	3	23.53	23.66	23.62	23	2		
1.4	16QAM	6	0	22.54	22.60	22.68				
1.4	64QAM	1	0	22.59	22.60	22.71				
1.4	64QAM	1	3	22.58	22.58	22.56	23	2		
1.4	64QAM	1	5	22.56	22.59	22.60				
1.4	64QAM	3	0	22.64	22.83	22.84				
1.4	64QAM	3	1	22.71	22.71	22.83	22	3		
1.4	64QAM	3	3	22.70	22.70	22.83				
1.4	64QAM	6	0	21.57	21.64	21.60				

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	24.33	24.35	24.31	25	0		
10	QPSK	1	25	24.21	24.22	24.14				
10	QPSK	1	49	24.28	24.18	24.30				
10	QPSK	25	0	23.31	23.33	23.26	24	1		
10	QPSK	25	12	23.25	23.21	23.20				
10	QPSK	25	25	23.30	23.22	23.20				
10	QPSK	50	0	23.28	23.30	23.20	24	1		
10	16QAM	1	0	23.56	23.58	23.53				
10	16QAM	1	25	23.50	23.50	23.45				
10	16QAM	1	49	23.51	23.45	23.55	23	2		
10	16QAM	25	0	22.24	22.24	22.30				
10	16QAM	25	12	22.24	22.28	22.27				
10	16QAM	25	25	22.26	22.30	22.21	23	2		
10	16QAM	50	0	22.27	22.25	22.28				
10	64QAM	1	0	22.37	22.36	22.48				
10	64QAM	1	25	22.39	22.49	22.41	23	2		
10	64QAM	1	49	22.38	22.47	22.40				
10	64QAM	25	0	21.26	21.20	21.29				
10	64QAM	25	12	21.25	21.30	21.28	22	3		
10	64QAM	25	25	21.28	21.27	21.18				
10	64QAM	50	0	21.25	21.25	21.27				
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	24.24	24.21	24.21	25	0		
5	QPSK	1	12	24.14	24.08	24.10				
5	QPSK	1	24	24.22	24.04	24.24				
5	QPSK	12	0	23.25	23.32	23.14	24	1		
5	QPSK	12	7	23.24	23.11	23.05				
5	QPSK	12	13	23.27	23.21	23.11				
5	QPSK	25	0	23.24	23.28	23.11	24	1		
5	16QAM	1	0	23.55	23.52	23.47				
5	16QAM	1	12	23.39	23.35	23.43				
5	16QAM	1	24	23.38	23.40	23.45	23	2		
5	16QAM	12	0	22.13	22.15	22.18				
5	16QAM	12	7	22.13	22.27	22.26				
5	16QAM	12	13	22.14	22.22	22.09	23	2		
5	16QAM	25	0	22.14	22.15	22.16				
5	64QAM	1	0	22.29	22.25	22.38				
5	64QAM	1	12	22.33	22.35	22.26	23	2		
5	64QAM	1	24	22.37	22.40	22.36				
5	64QAM	12	0	21.14	21.06	21.14				
5	64QAM	12	7	21.20	21.27	21.14	22	3		
5	64QAM	12	13	21.19	21.24	21.11				
5	64QAM	25	0	21.17	21.10	21.19				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	24.24	24.23	24.26	25	0		
3	QPSK	1	8	24.13	24.18	24.06				
3	QPSK	1	14	24.13	24.08	24.24				
3	QPSK	8	0	23.27	23.31	23.13	24	1		
3	QPSK	8	4	23.22	23.07	23.05				
3	QPSK	8	7	23.26	23.21	23.17				
3	QPSK	15	0	23.23	23.19	23.14	24	1		
3	16QAM	1	0	23.48	23.56	23.39				
3	16QAM	1	8	23.38	23.31	23.41				
3	16QAM	1	14	23.46	23.37	23.47	23	2		
3	16QAM	8	0	22.14	22.16	22.23				
3	16QAM	8	4	22.15	22.22	22.12				
3	16QAM	8	7	22.15	22.15	22.11	23	2		
3	16QAM	15	0	22.12	22.23	22.27				
3	64QAM	1	0	22.28	22.27	22.46				
3	64QAM	1	8	22.27	22.48	22.34	23	2		
3	64QAM	1	14	22.31	22.37	22.36				
3	64QAM	8	0	21.15	21.17	21.24				
3	64QAM	8	4	21.11	21.27	21.22	22	3		
3	64QAM	8	7	21.21	21.19	21.05				
3	64QAM	15	0	21.10	21.21	21.16				
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	24.23	24.24	24.22	25	0		
1.4	QPSK	1	3	24.11	24.12	24.00				
1.4	QPSK	1	5	24.23	24.12	24.25				
1.4	QPSK	3	0	24.30	24.27	24.18	24	1		
1.4	QPSK	3	1	24.17	24.20	24.07				
1.4	QPSK	3	3	24.27	24.10	24.18				
1.4	QPSK	6	0	23.22	23.22	23.16	24	1		
1.4	16QAM	1	0	23.13	23.12	23.05				
1.4	16QAM	1	3	23.19	23.13	23.18				
1.4	16QAM	1	5	23.22	23.21	23.13	24	1		
1.4	16QAM	3	0	23.53	23.48	23.49				
1.4	16QAM	3	1	23.39	23.31	23.35				
1.4	16QAM	3	3	23.45	23.42	23.48	23	2		
1.4	16QAM	6	0	22.20	22.18	22.22				
1.4	64QAM	1	0	22.15	22.17	22.17				
1.4	64QAM	1	3	22.17	22.18	22.16	23	2		
1.4	64QAM	1	5	22.20	22.17	22.23				
1.4	64QAM	3	0	22.36	22.27	22.46				
1.4	64QAM	3	1	22.26	22.46	22.31	22	3		
1.4	64QAM	3	3	22.37	22.38	22.26				
1.4	64QAM	6	0	21.20	21.14	21.26				

Band 7_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				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	24.65	24.73	24.63	25	0	
20	QPSK	1	49	24.58	24.71	24.57			
20	QPSK	1	99	24.56	24.68	24.53			
20	QPSK	50	0	24.15	24.23	24.13	24.5	0.5	
20	QPSK	50	24	24.09	24.19	24.06			
20	QPSK	50	50	24.07	24.18	24.01			
20	QPSK	100	0	24.06	24.18	24.02	24	1	
20	16QAM	1	0	23.44	23.61	23.48			
20	16QAM	1	49	23.49	23.62	23.47			
20	16QAM	1	99	23.50	23.59	23.36	23	2	
20	16QAM	50	0	22.75	22.92	22.74			
20	16QAM	50	24	22.79	22.90	22.76			
20	16QAM	50	50	22.78	22.90	22.74	23	2	
20	16QAM	100	0	22.76	22.89	22.71			
20	64QAM	1	0	22.86	22.91	22.89			
20	64QAM	1	49	22.96	22.95	22.92	23	2	
20	64QAM	1	99	22.98	22.95	22.90			
20	64QAM	50	0	21.75	21.82	21.72			
20	64QAM	50	24	21.78	21.90	21.74	22	3	
20	64QAM	50	50	21.80	21.90	21.71			
20	64QAM	100	0	21.76	21.90	21.72			
Channel				20825	21100	21375	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	24.56	24.65	24.57	25	0	
15	QPSK	1	37	24.48	24.61	24.46			
15	QPSK	1	74	24.47	24.62	24.46			
15	QPSK	36	0	24.09	24.16	24.06	24.5	0.5	
15	QPSK	36	20	24.04	24.09	23.97			
15	QPSK	36	39	23.99	24.03	23.92			
15	QPSK	75	0	24.00	24.10	23.92	24	1	
15	16QAM	1	0	23.34	23.53	23.38			
15	16QAM	1	37	23.41	23.52	23.42			
15	16QAM	1	74	23.45	23.51	23.29	23	2	
15	16QAM	36	0	22.70	22.84	22.65			
15	16QAM	36	20	22.71	22.81	22.71			
15	16QAM	36	39	22.69	22.84	22.66	23	2	
15	16QAM	75	0	22.66	22.84	22.62			
15	64QAM	1	0	22.82	22.85	22.81			
15	64QAM	1	37	22.91	22.85	22.82	23	2	
15	64QAM	1	74	22.89	22.85	22.81			
15	64QAM	36	0	21.65	21.81	21.67			
15	64QAM	36	20	21.70	21.80	21.67	22	3	
15	64QAM	36	39	21.74	21.82	21.61			
15	64QAM	75	0	21.69	21.83	21.67			
Channel				20800	21100	21400	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	24.55	24.67	24.57	25	0	
10	QPSK	1	25	24.50	24.65	24.51			
10	QPSK	1	49	24.47	24.60	24.48			
10	QPSK	25	0	24.05	24.11	24.05	24.5	0.5	
10	QPSK	25	12	24.02	24.11	23.99			
10	QPSK	25	25	23.97	24.13	23.91			
10	QPSK	50	0	23.96	24.11	23.96	24	1	
10	16QAM	1	0	23.37	23.53	23.39			
10	16QAM	1	25	23.42	23.52	23.38			
10	16QAM	1	49	23.40	23.54	23.30	23	2	
10	16QAM	25	0	22.67	22.85	22.68			
10	16QAM	25	12	22.72	22.80	22.69			
10	16QAM	25	25	22.71	22.80	22.69	23	2	
10	16QAM	50	0	22.71	22.79	22.62			
10	64QAM	1	0	22.76	22.81	22.83			
10	64QAM	1	25	22.87	22.88	22.82	23	2	
10	64QAM	1	49	22.87	22.86	22.84			
10	64QAM	25	0	21.68	21.86	21.65			
10	64QAM	25	12	21.70	21.85	21.64	22	3	
10	64QAM	25	25	21.70	21.80	21.63			
10	64QAM	50	0	21.65	21.85	21.64			
Channel				20775	21100	21425	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	24.50	24.67	24.53	25	0	
5	QPSK	1	12	24.51	24.61	24.49			
5	QPSK	1	24	24.49	24.62	24.47			
5	QPSK	12	0	24.06	24.16	24.07	24.5	0.5	
5	QPSK	12	7	24.01	24.09	23.97			
5	QPSK	12	13	24.00	24.09	23.94			
5	QPSK	25	0	23.97	24.08	23.95	24	1	
5	16QAM	1	0	23.38	23.52	23.39			
5	16QAM	1	12	23.40	23.52	23.37			
5	16QAM	1	24	23.44	23.56	23.27	23	2	
5	16QAM	12	0	22.69	22.83	22.65			
5	16QAM	12	7	22.72	22.85	22.69			
5	16QAM	12	13	22.72	22.85	22.67	23	2	
5	16QAM	25	0	22.69	22.80	22.64			
5	64QAM	1	0	22.78	22.81	22.83			
5	64QAM	1	12	22.88	22.88	22.87	23	2	
5	64QAM	1	24	22.89	22.87	22.85			
5	64QAM	12	0	21.66	21.86	21.64			
5	64QAM	12	7	21.72	21.84	21.64	22	3	
5	64QAM	12	13	21.75	21.82	21.65			
5	64QAM	25	0	21.66	21.82	21.62			

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	23.8	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.91	22.95	22.89			
20	QPSK	1	49	22.82	22.91	22.76	22.8	1	
20	QPSK	1	99	22.75	22.86	22.79			
20	QPSK	50	0	22.36	22.45	22.32			
20	QPSK	50	24	22.33	22.41	22.24	22.8	1	
20	QPSK	50	50	22.30	22.41	22.23			
20	QPSK	100	0	22.32	22.40	22.22			
20	16QAM	1	0	22.57	22.64	22.43	22.8	1	
20	16QAM	1	49	22.58	22.65	22.44			
20	16QAM	1	99	22.51	22.62	22.44			
20	16QAM	50	0	21.51	21.59	21.45	21.8	2	
20	16QAM	50	24	21.54	21.59	21.46			
20	16QAM	50	50	21.52	21.60	21.43			
20	16QAM	100	0	21.51	21.58	21.42	21.8	2	
20	64QAM	1	0	21.63	21.75	21.59			
20	64QAM	1	49	21.67	21.78	21.62			
20	64QAM	1	99	21.66	21.70	21.63	20.8	3	
20	64QAM	50	0	20.51	20.60	20.46			
20	64QAM	50	24	20.53	20.60	20.45			
20	64QAM	50	50	20.52	20.59	20.43	20.8	3	
20	64QAM	50	50	20.52	20.59	20.43			
20	64QAM	100	0	20.54	20.59	20.43			
Channel				20925	21100	21375	23.8	0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.84	22.93	22.77			
15	QPSK	1	37	22.76	22.80	22.63	22.8	1	
15	QPSK	1	74	22.73	22.76	22.71			
15	QPSK	36	0	22.23	22.40	22.29			
15	QPSK	36	20	22.24	22.32	22.23	22.8	1	
15	QPSK	36	39	22.15	22.30	22.11			
15	QPSK	75	0	22.19	22.34	22.11			
15	16QAM	1	0	22.49	22.56	22.31	22.8	1	
15	16QAM	1	37	22.49	22.53	22.40			
15	16QAM	1	74	22.36	22.48	22.33			
15	16QAM	36	0	21.38	21.58	21.32	21.8	2	
15	16QAM	36	20	21.52	21.54	21.45			
15	16QAM	36	39	21.41	21.52	21.31			
15	16QAM	75	0	21.37	21.48	21.37	21.8	2	
15	64QAM	1	0	21.52	21.68	21.53			
15	64QAM	1	37	21.64	21.76	21.54			
15	64QAM	1	74	21.57	21.65	21.54	20.8	3	
15	64QAM	36	0	20.43	20.56	20.33			
15	64QAM	36	20	20.50	20.55	20.35			
15	64QAM	36	39	20.51	20.44	20.32	20.8	3	
15	64QAM	36	39	20.51	20.44	20.32			
15	64QAM	75	0	20.47	20.56	20.32			
Channel				20800	21100	21400	23.8	0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	22.90	22.83	22.74			
10	QPSK	1	25	22.81	22.87	22.72	22.8	1	
10	QPSK	1	49	22.61	22.85	22.64			
10	QPSK	25	0	22.30	22.36	22.28			
10	QPSK	25	12	22.18	22.29	22.16	22.8	1	
10	QPSK	25	25	22.23	22.33	22.22			
10	QPSK	50	0	22.28	22.35	22.21			
10	16QAM	1	0	22.44	22.61	22.39	22.8	1	
10	16QAM	1	25	22.50	22.62	22.31			
10	16QAM	1	49	22.44	22.48	22.37			
10	16QAM	25	0	21.72	21.80	21.66	21.8	2	
10	16QAM	25	12	21.52	21.48	21.34			
10	16QAM	25	25	21.37	21.53	21.38			
10	16QAM	50	0	21.45	21.49	21.35	21.8	2	
10	64QAM	1	0	21.49	21.60	21.48			
10	64QAM	1	25	21.59	21.65	21.47			
10	64QAM	1	49	21.54	21.57	21.60	20.8	3	
10	64QAM	25	0	20.48	20.59	20.39			
10	64QAM	25	12	20.51	20.57	20.44			
10	64QAM	25	25	20.49	20.44	20.40	20.8	3	
10	64QAM	25	25	20.49	20.44	20.40			
10	64QAM	50	0	20.46	20.45	20.36			
Channel				20775	21100	21425	23.8	0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	22.82	22.88	22.76			
5	QPSK	1	12	22.67	22.77	22.62	22.8	1	
5	QPSK	1	24	22.68	22.78	22.71			
5	QPSK	12	0	22.24	22.44	22.28			
5	QPSK	12	7	22.18	22.27	22.15	22.8	1	
5	QPSK	12	13	22.17	22.36	22.12			
5	QPSK	25	0	22.31	22.35	22.20			
5	16QAM	1	0	22.43	22.54	22.42	22.8	1	
5	16QAM	1	12	22.47	22.58	22.36			
5	16QAM	1	24	22.38	22.51	22.33			
5	16QAM	12	0	21.76	21.78	21.68	21.8	2	
5	16QAM	12	7	21.39	21.54	21.41			
5	16QAM	12	13	21.51	21.51	21.30			
5	16QAM	25	0	21.37	21.56	21.29	21.8	2	
5	64QAM	1	0	21.50	21.72	21.47			
5	64QAM	1	12	21.52	21.69	21.57			
5	64QAM	1	24	21.51	21.66	21.56	20.8	3	
5	64QAM	12	0	20.50	20.55	20.33			
5	64QAM	12	7	20.45	20.54	20.43			
5	64QAM	12	13	20.42	20.53	20.41	20.8	3	
5	64QAM	12	13	20.42	20.53	20.41			
5	64QAM	25	0	20.52	20.57	20.29			

Band 12_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130				
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	24.26	24.26	24.25	25	0		
10	QPSK	1	25	24.09	24.13	24.17				
10	QPSK	1	49	24.22	24.25	24.24				
10	QPSK	25	0	23.25	23.26	23.23				
10	QPSK	25	12	23.23	23.19	23.20	24	1		
10	QPSK	25	25	23.24	23.24	23.21				
10	QPSK	50	0	23.20	23.21	23.19				
10	16QAM	1	0	23.36	23.47	23.47				
10	16QAM	1	25	23.49	23.46	23.46	24	1		
10	16QAM	1	49	23.53	23.52	23.46				
10	16QAM	25	0	22.11	22.12	22.15				
10	16QAM	25	12	22.16	22.16	22.19				
10	16QAM	25	25	22.20	22.19	22.19	23	2		
10	16QAM	50	0	22.19	22.19	22.18				
10	64QAM	1	0	22.22	22.32	22.28				
10	64QAM	1	25	22.34	22.37	22.35				
10	64QAM	1	49	22.36	22.43	22.36	23	2		
10	64QAM	25	0	21.11	21.12	21.13				
10	64QAM	25	12	21.16	21.17	21.18				
10	64QAM	25	25	21.18	21.20	21.17				
10	64QAM	50	0	21.14	21.15	21.15	22	3		
Channel				23035	23095	23155				
Frequency (MHz)				701.5	707.5	713.5				
5	QPSK	1	0	24.20	24.21	24.10	25	0		
5	QPSK	1	12	23.95	24.00	24.09				
5	QPSK	1	24	24.19	24.15	24.10				
5	QPSK	12	0	23.17	23.20	23.12				
5	QPSK	12	7	23.15	23.14	23.08	24	1		
5	QPSK	12	13	23.19	23.16	23.16				
5	QPSK	25	0	23.26	23.15	23.12				
5	16QAM	1	0	23.26	23.43	23.41				
5	16QAM	1	12	23.39	23.37	23.31	24	1		
5	16QAM	1	24	23.41	23.39	23.36				
5	16QAM	12	0	22.06	22.04	22.01				
5	16QAM	12	7	22.07	22.11	22.16				
5	16QAM	12	13	22.10	22.07	22.07	23	2		
5	16QAM	25	0	22.16	22.07	22.13				
5	64QAM	1	0	22.15	22.19	22.22				
5	64QAM	1	12	22.21	22.35	22.20				
5	64QAM	1	24	22.34	22.42	22.28	23	2		
5	64QAM	12	0	20.98	21.08	21.04				
5	64QAM	12	7	21.10	21.04	21.13				
5	64QAM	12	13	21.16	21.05	21.14				
5	64QAM	25	0	21.01	21.07	21.13	22	3		
Channel				23025	23095	23165				
Frequency (MHz)				700.5	707.5	714.5				
3	QPSK	1	0	24.16	24.17	24.16	25	0		
3	QPSK	1	8	24.01	24.12	24.04				
3	QPSK	1	14	24.08	24.19	24.09				
3	QPSK	8	0	23.20	23.25	23.10				
3	QPSK	8	4	23.21	23.04	23.16	24	1		
3	QPSK	8	7	23.13	23.18	23.19				
3	QPSK	15	0	23.10	23.19	23.09				
3	16QAM	1	0	23.26	23.32	23.40				
3	16QAM	1	8	23.45	23.44	23.30	24	1		
3	16QAM	1	14	23.47	23.50	23.36				
3	16QAM	8	0	21.98	22.00	22.07				
3	16QAM	8	4	22.09	22.15	22.08				
3	16QAM	8	7	22.05	22.17	22.09	23	2		
3	16QAM	15	0	22.05	22.18	22.03				
3	64QAM	1	0	22.14	22.27	22.18				
3	64QAM	1	8	22.26	22.29	22.23				
3	64QAM	1	14	22.24	22.34	22.21	23	2		
3	64QAM	8	0	21.09	21.07	21.10				
3	64QAM	8	4	21.02	21.02	21.14				
3	64QAM	8	7	21.11	21.16	21.12				
3	64QAM	15	0	21.07	21.02	21.02	22	3		
Channel				23017	23095	23173				
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	24.21	24.24	24.10	25	0		
1.4	QPSK	1	3	24.06	24.08	24.14				
1.4	QPSK	1	5	24.08	24.23	24.10				
1.4	QPSK	3	0	24.25	24.25	24.10				
1.4	QPSK	3	1	23.95	23.98	24.13	24	1		
1.4	QPSK	3	3	24.17	24.23	24.19				
1.4	QPSK	6	0	23.20	23.12	23.13				
1.4	16QAM	1	0	23.14	23.15	23.07				
1.4	16QAM	1	3	23.22	23.16	23.09	24	1		
1.4	16QAM	1	5	23.09	23.12	23.12				
1.4	16QAM	3	0	23.28	23.39	23.43				
1.4	16QAM	3	1	23.45	23.37	23.37				
1.4	16QAM	3	3	23.42	23.42	23.45	23	2		
1.4	16QAM	6	0	22.07	22.07	22.00				
1.4	64QAM	1	0	22.03	22.02	22.08				
1.4	64QAM	1	3	22.11	22.06	22.08				
1.4	64QAM	1	5	22.07	22.16	22.05	23	2		
1.4	64QAM	3	0	22.17	22.29	22.26				
1.4	64QAM	3	1	22.33	22.29	22.23				
1.4	64QAM	3	3	22.28	22.34	22.22				
1.4	64QAM	6	0	21.01	21.08	21.10	22	3		

Band 12_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)		
Channel				23060	23095	23130				
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	24.43	24.50	24.41	25		0	
10	QPSK	1	25	24.21	24.30	24.30				
10	QPSK	1	49	24.36	24.41	24.38				
10	QPSK	25	0	23.41	23.43	23.40				
10	QPSK	25	12	23.31	23.30	23.34	24		1	
10	QPSK	25	25	23.34	23.35	23.35				
10	QPSK	50	0	23.33	23.40	23.33				
10	16QAM	1	0	23.50	23.52	23.58				
10	16QAM	1	25	23.53	23.52	23.59	24		1	
10	16QAM	1	49	23.60	23.65	23.63				
10	16QAM	25	0	22.25	22.23	22.28				
10	16QAM	25	12	22.31	22.29	22.31				
10	16QAM	25	25	22.33	22.34	22.34	23		2	
10	16QAM	50	0	22.32	22.29	22.31				
10	64QAM	1	0	22.36	22.37	22.42				
10	64QAM	1	25	22.46	22.45	22.49				
10	64QAM	1	49	22.52	22.52	22.56	23		2	
10	64QAM	25	0	21.23	21.24	21.27				
10	64QAM	25	12	21.30	21.29	21.32				
10	64QAM	25	25	21.32	21.31	21.32				
10	64QAM	50	0	21.28	21.27	21.30	22		3	
Channel				23035	23095	23155				
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dbm)	MPR (dB)		
5	QPSK	1	0	24.31	24.33	24.40	25		0	
5	QPSK	1	12	24.16	24.21	24.27				
5	QPSK	1	24	24.29	24.35	24.34				
5	QPSK	12	0	23.31	23.40	23.34				
5	QPSK	12	7	23.25	23.29	23.26	24		1	
5	QPSK	12	13	23.33	23.32	23.22				
5	QPSK	25	0	23.22	23.26	23.19				
5	16QAM	1	0	23.37	23.37	23.46				
5	16QAM	1	12	23.41	23.42	23.46	24		1	
5	16QAM	1	24	23.54	23.57	23.62				
5	16QAM	12	0	22.21	22.17	22.17				
5	16QAM	12	7	22.22	22.17	22.28				
5	16QAM	12	13	22.29	22.20	22.25	23		2	
5	16QAM	25	0	22.28	22.14	22.23				
5	64QAM	1	0	21.23	21.24	21.26				
5	64QAM	1	12	22.31	22.31	22.26				
5	64QAM	1	24	22.45	22.45	22.46	23		2	
5	64QAM	12	0	21.15	21.22	21.22				
5	64QAM	12	7	21.25	21.24	21.27				
5	64QAM	12	13	21.24	21.28	21.27				
5	64QAM	25	0	21.21	21.17	21.26	22		3	
Channel				23025	23095	23165				
Frequency (MHz)				700.5	707.5	714.5	Tune-up limit (dbm)	MPR (dB)		
3	QPSK	1	0	24.29	24.37	24.36	25		0	
3	QPSK	1	8	24.16	24.21	24.27				
3	QPSK	1	14	24.29	24.31	24.30				
3	QPSK	8	0	23.33	23.38	23.32				
3	QPSK	8	4	23.27	23.24	23.25	24		1	
3	QPSK	8	7	23.25	23.28	23.30				
3	QPSK	15	0	23.28	23.33	23.18				
3	16QAM	1	0	23.36	23.45	23.49				
3	16QAM	1	8	23.47	23.50	23.57	24		1	
3	16QAM	1	14	23.48	23.55	23.53				
3	16QAM	8	0	22.23	22.11	22.14				
3	16QAM	8	4	22.24	22.15	22.20				
3	16QAM	8	7	22.20	22.20	22.32	23		2	
3	16QAM	15	0	22.17	22.24	22.27				
3	64QAM	1	0	22.26	22.25	22.37				
3	64QAM	1	8	22.32	22.35	22.36				
3	64QAM	1	14	22.42	22.46	22.53	23		2	
3	64QAM	8	0	21.21	21.14	21.21				
3	64QAM	8	4	21.18	21.27	21.18				
3	64QAM	8	7	21.17	21.16	21.18				
3	64QAM	15	0	21.18	21.17	21.17	22		3	
Channel				23017	23095	23173				
Frequency (MHz)				699.7	706.5	715.3	Tune-up limit (dbm)	MPR (dB)		
1.4	QPSK	1	0	24.34	24.36	24.34	25		0	
1.4	QPSK	1	3	24.13	24.20	24.20				
1.4	QPSK	1	5	24.22	24.32	24.31				
1.4	QPSK	3	1	24.35	24.32	24.30				
1.4	QPSK	3	1	24.20	24.18	24.18				
1.4	QPSK	3	3	24.25	24.37	24.27				
1.4	QPSK	6	0	23.36	23.42	23.32	24		1	
1.4	16QAM	1	0	23.19	23.20	23.25				
1.4	16QAM	1	3	23.30	23.25	23.25				
1.4	16QAM	1	5	23.21	23.25	23.22				
1.4	16QAM	3	0	23.40	23.51	23.44				
1.4	16QAM	3	1	23.52	23.49	23.57				
1.4	16QAM	3	3	23.48	23.56	23.61	23		2	
1.4	16QAM	6	0	22.10	22.14	22.14				
1.4	64QAM	1	0	22.23	22.17	22.29				
1.4	64QAM	1	3	22.20	22.21	22.27				
1.4	64QAM	3	5	22.18	22.25	22.19				
1.4	64QAM	3	1	22.33	22.35	22.39				
1.4	64QAM	3	1	22.45	22.32	22.34	23		2	
1.4	64QAM	3	3	22.40	22.50	22.53				
1.4	64QAM	6	0	21.09	21.10	21.25				
1.4	64QAM	6	0	21.09	21.10	21.25				
1.4	64QAM	6	0	21.09	21.10	21.25				
1.4	64QAM	6	0	21.09	21.10	21.25				

Band 13_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23230			782		
Frequency (MHz)									
10	QPSK	1	0		24.55		25	0	
10	QPSK	1	25		24.56				
10	QPSK	1	49		24.54				
10	QPSK	25	0		23.58				
10	QPSK	25	12		23.54		24	1	
10	QPSK	25	25		23.52				
10	QPSK	50	0		23.55				
10	16QAM	1	0		23.82				
10	16QAM	1	25		23.87		24	1	
10	16QAM	1	49		23.87				
10	16QAM	25	0		22.53				
10	16QAM	25	12		22.53				
10	16QAM	25	25		22.56		23	2	
10	16QAM	50	0		22.58				
10	64QAM	1	0		22.71				
10	64QAM	1	25		22.77				
10	64QAM	1	49		22.73		23	2	
10	64QAM	25	0		21.56				
10	64QAM	25	12		21.56				
10	64QAM	25	25		21.59				
10	64QAM	50	0		21.60		22	3	
Channel				23205	23230	23255			
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	24.55	24.43	24.50	25	0	
5	QPSK	1	12	24.51	24.50	24.41			
5	QPSK	1	24	24.39	24.48	24.46			
5	QPSK	12	0	23.50	23.50	23.49			
5	QPSK	12	7	23.45	23.48	23.51	24	1	
5	QPSK	12	13	23.40	23.45	23.39			
5	QPSK	25	0	23.50	23.46	23.47			
5	16QAM	1	0	23.76	23.67	23.75			
5	16QAM	1	12	23.84	23.86	23.84	24	1	
5	16QAM	1	24	23.76	23.73	23.85			
5	16QAM	12	0	22.51	22.49	22.48			
5	16QAM	12	7	22.38	22.42	22.51			
5	16QAM	12	13	22.50	22.41	22.43	23	2	
5	16QAM	25	0	22.51	22.55	22.43			
5	64QAM	1	0	22.68	22.57	22.59			
5	64QAM	1	12	22.74	22.68	22.74			
5	64QAM	1	24	22.72	22.62	22.63	23	2	
5	64QAM	12	0	21.46	21.51	21.55			
5	64QAM	12	7	21.41	21.50	21.43			
5	64QAM	12	13	21.46	21.54	21.49			
5	64QAM	25	0	21.48	21.45	21.46	22	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	709	710	
Frequency (MHz)				21.23	21.25	21.21			
10	QPSK	1	0	24.14	24.20	24.18	25	0	
10	QPSK	1	25	24.14	24.20	24.18			
10	QPSK	1	49	24.20	24.24	24.16			
10	QPSK	25	0	23.25	23.27	23.23			
10	QPSK	25	12	23.24	23.22	23.21	24	1	
10	QPSK	25	25	23.21	23.25	23.18			
10	QPSK	50	0	23.23	23.25	23.22			
10	16QAM	1	0	23.51	23.46	23.47			
10	16QAM	1	25	23.49	23.45	23.46	24	1	
10	16QAM	1	49	23.46	23.55	23.46			
10	16QAM	25	0	22.16	22.17	22.19			
10	16QAM	25	12	22.21	22.19	22.20			
10	16QAM	25	25	22.25	22.21	22.22	23	2	
10	16QAM	50	0	22.22	22.21	22.21			
10	64QAM	1	0	22.38	22.33	22.34			
10	64QAM	1	25	22.41	22.42	22.38			
10	64QAM	1	49	22.33	22.40	22.43	23	2	
10	64QAM	25	0	21.17	21.16	21.17			
10	64QAM	25	12	21.21	21.19	21.21			
10	64QAM	25	25	21.24	21.21	21.21			
10	64QAM	50	0	21.16	21.16	21.16	22	3	
Channel				23765	23790	23805			
Frequency (MHz)				708.5	710	713.5			
5	QPSK	1	0	24.14	24.17	24.09	25	0	
5	QPSK	1	12	23.99	24.12	24.13			
5	QPSK	1	24	24.12	24.12	24.11			
5	QPSK	12	0	23.15	23.26	23.22			
5	QPSK	12	7	23.10	23.08	23.20	24	1	
5	QPSK	12	13	23.09	23.23	23.15			
5	QPSK	25	0	23.17	23.12	23.07			
5	16QAM	1	0	23.45	23.39	23.39			
5	16QAM	1	12	23.44	23.36	23.37	24	1	
5	16QAM	1	24	23.41	23.48	23.39			
5	16QAM	12	0	22.08	22.10	22.12			
5	16QAM	12	7	22.07	22.16	22.10			
5	16QAM	12	13	22.19	22.11	22.11	23	2	
5	16QAM	25	0	22.10	22.20	22.20			
5	64QAM	1	0	22.23	22.18	22.22			
5	64QAM	1	12	22.34	22.35	22.29			
5	64QAM	1	24	22.30	22.35	22.37	23	2	
5	64QAM	12	0	21.06	21.04	21.16			
5	64QAM	12	7	21.06	21.07	21.06			
5	64QAM	12	13	21.11	21.15	21.16			
5	64QAM	25	0	21.16	21.09	21.06	22	3	

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	709	710 711	
Frequency (MHz)				23.780	23.790	23.800			
10	QPSK	1	0	24.45	24.48	24.43	25	0	
10	QPSK	1	25	24.30	24.37	24.36			
10	QPSK	1	49	24.38	24.44	24.40			
10	QPSK	25	0	23.43	23.46	23.41			
10	QPSK	25	12	23.38	23.36	23.37	24	1	
10	QPSK	25	25	23.42	23.39	23.40			
10	QPSK	50	0	23.38	23.45	23.37			
10	16QAM	1	0	23.57	23.60	23.64			
10	16QAM	1	25	23.67	23.61	23.60	24	1	
10	16QAM	1	49	23.57	23.68	23.63			
10	16QAM	25	0	22.33	22.29	22.31			
10	16QAM	25	12	22.34	22.33	22.35			
10	16QAM	25	25	22.40	22.37	22.38	23	2	
10	16QAM	50	0	22.37	22.35	22.35			
10	64QAM	1	0	22.46	22.45	22.47			
10	64QAM	1	25	22.48	22.51	22.52			
10	64QAM	1	49	22.53	22.54	22.54	23	2	
10	64QAM	25	0	21.29	21.28	21.31			
10	64QAM	25	12	21.33	21.32	21.32			
10	64QAM	25	25	21.37	21.37	21.37			
10	64QAM	50	0	21.33	21.33	21.33	22	3	
Channel				23755	23790	23825			
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	24.34	24.42	24.38	25	0	
5	QPSK	1	12	24.18	24.34	24.26			
5	QPSK	1	24	24.29	24.43	24.34			
5	QPSK	12	0	23.29	23.31	23.36			
5	QPSK	12	7	23.34	23.30	23.24	24	1	
5	QPSK	12	13	23.29	23.24	23.39			
5	QPSK	25	0	23.34	23.44	23.32			
5	16QAM	1	0	23.48	23.51	23.57			
5	16QAM	1	12	23.66	23.58	23.53	24	1	
5	16QAM	1	24	23.49	23.56	23.51			
5	16QAM	12	0	22.22	22.24	22.20			
5	16QAM	12	7	22.29	22.25	22.24			
5	16QAM	12	13	22.31	22.26	22.35	23	2	
5	16QAM	25	0	22.31	22.33	22.22			
5	64QAM	1	0	22.45	22.32	22.43			
5	64QAM	1	12	22.43	22.36	22.46			
5	64QAM	1	24	22.47	22.42	22.46	23	2	
5	64QAM	12	0	21.14	21.19	21.29			
5	64QAM	12	7	21.20	21.26	21.17			
5	64QAM	12	13	21.36	21.26	21.32			
5	64QAM	25	0	21.31	21.31	21.30	22	3	

Band 26_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26866	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	24.36	24.36	24.35	25	0	
15	QPSK	1	37	24.24	24.35	24.27			
15	QPSK	1	74	24.28	24.21	24.26			
15	QPSK	36	0	23.33	23.35	23.31	24	1	
15	QPSK	36	20	23.21	23.18	23.16			
15	QPSK	36	39	23.21	23.19	23.16			
15	QPSK	75	0	23.24	23.31	23.22	24	1	
15	16QAM	1	0	23.48	23.51	23.51			
15	16QAM	1	37	23.53	23.59	23.48			
15	16QAM	1	74	23.57	23.48	23.50	23	2	
15	16QAM	36	0	22.25	22.21	22.26			
15	16QAM	36	20	22.27	22.25	22.28			
15	16QAM	36	39	22.24	22.26	22.21	23	2	
15	16QAM	75	0	22.31	22.23	22.27			
15	64QAM	1	0	22.46	22.44	22.40			
15	64QAM	1	37	22.46	22.40	22.47	23	2	
15	64QAM	1	74	22.36	22.43	22.33			
15	64QAM	36	0	21.23	21.23	21.26			
15	64QAM	36	20	21.28	21.27	21.30	22	3	
15	64QAM	36	39	21.28	21.25	21.22			
15	64QAM	75	0	21.25	21.22	21.25			
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	24.26	24.33	24.30	25	0	
10	QPSK	1	25	24.17	24.25	24.20			
10	QPSK	1	49	24.17	24.13	24.13			
10	QPSK	25	0	23.30	23.23	23.28	24	1	
10	QPSK	25	12	23.17	23.17	23.11			
10	QPSK	25	25	23.17	23.17	23.01			
10	QPSK	50	0	23.16	23.25	23.20	24	1	
10	16QAM	1	0	23.38	23.38	23.50			
10	16QAM	1	25	23.49	23.48	23.37			
10	16QAM	1	49	23.53	23.45	23.44	23	2	
10	16QAM	25	0	22.15	22.20	22.14			
10	16QAM	25	12	22.20	22.21	22.20			
10	16QAM	25	25	22.15	22.20	22.11	23	2	
10	16QAM	50	0	22.29	22.20	22.18			
10	64QAM	1	0	22.37	22.36	22.25			
10	64QAM	1	25	22.36	22.26	22.35	23	2	
10	64QAM	1	49	22.35	22.28	22.31			
10	64QAM	25	0	21.10	21.12	21.23			
10	64QAM	25	12	21.13	21.12	21.25	22	3	
10	64QAM	25	25	21.20	21.17	21.11			
10	64QAM	50	0	21.22	21.15	21.12			
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	24.22	24.34	24.30	25	0	
5	QPSK	1	12	24.13	24.31	24.21			
5	QPSK	1	24	24.13	24.18	24.14			
5	QPSK	12	0	23.28	23.24	23.22	24	1	
5	QPSK	12	7	23.12	23.04	23.05			
5	QPSK	12	13	23.15	23.15	23.13			
5	QPSK	25	0	23.22	23.23	23.18	24	1	
5	16QAM	1	0	23.37	23.38	23.37			
5	16QAM	1	12	23.49	23.50	23.39			
5	16QAM	1	24	23.49	23.41	23.49	23	2	
5	16QAM	12	0	22.14	22.17	22.14			
5	16QAM	12	7	22.26	22.21	22.24			
5	16QAM	12	13	22.14	22.19	22.16	23	2	
5	16QAM	25	0	22.16	22.19	22.25			
5	64QAM	1	0	22.35	22.33	22.28			
5	64QAM	1	12	22.37	22.38	22.37	23	2	
5	64QAM	1	24	22.28	22.32	22.19			
5	64QAM	12	0	21.09	21.17	21.17			
5	64QAM	12	7	21.13	21.17	21.25	22	3	
5	64QAM	12	13	21.17	21.18	21.09			
5	64QAM	25	0	21.20	21.09	21.20			
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	24.26	24.28	24.31	25	0	
3	QPSK	1	8	24.23	24.22	24.16			
3	QPSK	1	14	24.16	24.11	24.21			
3	QPSK	8	0	23.19	23.24	23.26	24	1	
3	QPSK	8	4	23.10	23.17	23.08			
3	QPSK	8	7	23.18	23.11	23.06			
3	QPSK	15	0	23.13	23.30	23.19	24	1	
3	16QAM	1	0	23.36	23.43	23.38			
3	16QAM	1	8	23.43	23.45	23.45			
3	16QAM	1	14	23.50	23.43	23.36	23	2	
3	16QAM	8	0	22.18	22.18	22.21			
3	16QAM	8	4	22.23	22.16	22.27			
3	16QAM	8	7	22.13	22.13	22.13	23	2	
3	16QAM	15	0	22.30	22.21	22.25			
3	64QAM	1	0	22.36	22.35	22.26			
3	64QAM	1	8	22.40	22.33	22.41	23	2	
3	64QAM	1	14	22.26	22.41	22.21			
3	64QAM	8	0	21.11	21.22	21.20			
3	64QAM	8	4	21.14	21.23	21.27	22	3	
3	64QAM	8	7	21.17	21.12	21.12			
3	64QAM	15	0	21.10	21.11	21.22			
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	24.22	24.25	24.34	25	0	
1.4	QPSK	1	3	24.23	24.27	24.15			
1.4	QPSK	1	5	24.27	24.20	24.22			
1.4	QPSK	3	0	24.21	24.28	24.28	24	1	
1.4	QPSK	3	1	24.19	24.31	24.13			
1.4	QPSK	3	3	24.24	24.09	24.15			
1.4	QPSK	6	0	23.22	23.26	23.26	24	1	
1.4	16QAM	1	0	23.18	23.12	23.01			
1.4	16QAM	1	3	23.15	23.05	23.05			
1.4	16QAM	1	5	23.19	23.27	23.14	24	1	
1.4	16QAM	3	0	23.42	23.40	23.37			
1.4	16QAM	3	1	23.43	23.57	23.40			
1.4	16QAM	3	3	23.47	23.36	23.48	23	2	
1.4	16QAM	6	0	22.15	22.17	22.24			
1.4	64QAM	1	0	22.22	22.11	22.27			
1.4	64QAM	1	3	22.12	22.17	22.14	23	2	
1.4	64QAM	1	5	22.30	22.14	22.25			
1.4	64QAM	3	0	22.39	22.33	22.36			
1.4	64QAM	3	1	22.45	22.32	22.40	22	3	
1.4	64QAM	3	3	22.27	22.31	22.22			
1.4	64QAM	6	0	21.13	21.11	21.23			

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	24.36	24.40	24.35	25	0	
15	QPSK	1	37	24.35	24.32	24.28			
15	QPSK	1	74	24.25	24.23	24.22			
15	QPSK	36	0	23.35	23.38	23.33	24	1	
15	QPSK	36	20	23.25	23.17	23.15			
15	QPSK	36	39	23.24	23.19	23.17			
15	QPSK	75	0	23.25	23.36	23.22			
15	16QAM	1	0	23.58	23.49	23.49	24	1	
15	16QAM	1	37	23.58	23.43	23.50			
15	16QAM	1	74	23.48	23.48	23.48			
15	16QAM	36	0	22.31	22.21	22.28	23		
15	16QAM	36	20	22.30	22.23	22.27			
15	16QAM	36	39	22.29	22.24	22.22			
15	16QAM	75	0	22.33	22.22	22.28			
15	64QAM	1	0	22.51	22.41	22.36	23	2	
15	64QAM	1	37	22.49	22.46	22.43			
15	64QAM	1	74	22.40	22.43	22.36			
15	64QAM	36	0	21.31	21.23	21.28	22	3	
15	64QAM	36	20	21.30	21.24	21.29			
15	64QAM	36	39	21.30	21.25	21.23			
15	64QAM	75	0	21.31	21.22	21.26			
Channel				26760 <th>26865<th>26960<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th></th>	26865 <th>26960<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	26960 <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819 <th>831.5<th>844<th></th><th></th><th></th></th></th>	831.5 <th>844<th></th><th></th><th></th></th>	844 <th></th> <th></th> <th></th>			
10	QPSK	1	0	24.30	24.31	24.30	25	0	
10	QPSK	1	25	24.29	24.26	24.26			
10	QPSK	1	49	24.16	24.12	24.09			
10	QPSK	25	0	23.27	23.23	23.27	24	1	
10	QPSK	25	12	23.22	23.24	23.21			
10	QPSK	25	25	23.14	23.14	23.06			
10	QPSK	50	0	23.17	23.32	23.08	24	1	
10	16QAM	1	0	23.48	23.35	23.48			
10	16QAM	1	25	23.43	23.52	23.36			
10	16QAM	1	49	23.44	23.34	23.47	23	2	
10	16QAM	25	0	22.17	22.08	22.13			
10	16QAM	25	12	22.25	22.11	22.25			
10	16QAM	25	25	22.22	22.11	22.09	23	2	
10	16QAM	50	0	22.20	22.25	22.20			
10	64QAM	1	0	22.38	22.37	22.35			
10	64QAM	1	25	22.35	22.39	22.35	23	2	
10	64QAM	1	49	22.26	22.41	22.23			
10	64QAM	25	0	21.22	21.13	21.20			
10	64QAM	25	12	21.27	21.19	21.14	22	3	
10	64QAM	25	25	21.27	21.20	21.17			
10	64QAM	50	0	21.28	21.21	21.23			
Channel				26715 <th>26865<th>27015<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th></th>	26865 <th>27015<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	27015 <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5 <th>831.5<th>846.5<th></th><th></th><th></th></th></th>	831.5 <th>846.5<th></th><th></th><th></th></th>	846.5 <th></th> <th></th> <th></th>			
5	QPSK	1	0	24.24	24.31	24.27	25	0	
5	QPSK	1	12	24.27	24.27	24.23			
5	QPSK	1	24	24.24	24.17	24.19			
5	QPSK	12	0	23.28	23.31	23.21	24		
5	QPSK	12	7	23.19	23.04	23.00			
5	QPSK	12	13	23.16	23.11	23.07			
5	QPSK	25	0	23.18	23.27	23.18	24	1	
5	16QAM	1	0	23.46	23.37	23.40			
5	16QAM	1	12	23.49	23.46	23.37			
5	16QAM	1	24	23.46	23.46	23.35	23	2	
5	16QAM	12	0	22.20	22.11	22.27			
5	16QAM	12	13	22.20	22.13	22.18			
5	16QAM	12	13	22.28	22.15	22.17	23		
5	16QAM	25	0	22.30	22.11	22.23			
5	16QAM	1	0	22.38	22.31	22.24			
5	64QAM	1	12	22.48	22.43	22.35	23	2	
5	64QAM	1	24	22.33	22.34	22.25			
5	64QAM	12	0	21.31	21.11	21.23			
5	64QAM	12	0	21.31	21.12	21.13	22	3	
5	64QAM	12	13	21.20	21.21	21.24			
5	64QAM	25	0	21.25	21.17	21.27			
Channel				26705 <th>26865<th>27025<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th></th>	26865 <th>27025<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	27025 <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5 <th>831.5<th>847.5<th></th><th></th><th></th></th></th>	831.5 <th>847.5<th></th><th></th><th></th></th>	847.5 <th></th> <th></th> <th></th>			
3	QPSK	1	0	24.37	24.33	24.20	25	0	
3	QPSK	1	8	24.27	24.19	24.17			
3	QPSK	1	14	24.23	24.09	24.18			
3	QPSK	8	0	23.32	23.31	23.30	24		
3	QPSK	8	4	23.10	23.05	23.11			
3	QPSK	8	7	23.17	23.17	23.12			
3	QPSK	15	0	23.45	23.21	23.15	24	1	
3	16QAM	1	0	23.44	23.42	23.38			
3	16QAM	1	8	23.54	23.45	23.47			
3	16QAM	1	14	23.37	23.39	23.42	23	2	
3	16QAM	8	0	22.29	22.08	22.15			
3	16QAM	8	4	22.22	22.11	22.21			
3	16QAM	8	7	22.24	22.09	22.21	23		
3	16QAM	15	0	22.21	22.11	22.13			
3	64QAM	1	0	22.41	22.38	22.21			
3	64QAM	1	8	22.45	22.25	22.34	23	2	
3	64QAM	1	14	22.29	22.40	22.30			
3	64QAM	8	0	21.20	21.15	21.14			
3	64QAM	8	4	21.18	21.14	21.15	22	3	
3	64QAM	8	7	21.15	21.16	21.15			
3	64QAM	15	0	21.28	21.08	21.24			
Channel				26677 <th>26865<th>27033<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th></th>	26865 <th>27033<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	27033 <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7 <th>831.5<th>848.3<th></th><th></th><th></th></th></th>	831.5 <th>848.3<th></th><th></th><th></th></th>	848.3 <th></th> <th></th> <th></th>			
1.4	QPSK	1	0	24.27	24.33	24.29	25	0	
1.4	QPSK	1	3	24.20	24.31	24.27			
1.4	QPSK	1	5	24.23	24.40	24.10			
1.4	QPSK	3	0	24.35	24.32	24.25	24	1	
1.4	QPSK	3	1	24.28	24.24	24.14			
1.4	QPSK	3	3	24.23	24.09	24.09			
1.4	QPSK	6	0	23.33	23.34	23.23	24	1	
1.4	16QAM	1	0	23.13	23.10	23.11			
1.4	16QAM	1	3	23.13	23.13	23.12			
1.4	16QAM	1	5	23.19	23.27	23.09	24	1	
1.4	16QAM	3	0	23.46	23.46	23.45			
1.4	16QAM	3	3	23.32	23.53	23.49			
1.4	16QAM	3	3	23.45	23.37	23.41	23	2	
1.4	16QAM	6	0	22.28	22.07	22.15			
1.4	64QAM	1	0	22.29	22.08	22.15			
1.4	64QAM	1	3	22.21	22.10	22.10	23	2	
1.4	64QAM	1	5	22.25	22.11	22.26			
1.4	64QAM	3	0	22.39	22.30	22.31			
1.4	64QAM	3	1	22.34	22.34	22.32	22		
1.4	64QAM	3	3	22.30	22.40	22.28			
1.4	64QAM	6	0	21.25	21.22	21.25			

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					
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	0	24.45	24.50	24.48	25	0			
20	QPSK	1	49	24.40	24.47	24.46					
20	QPSK	1	99	24.28	24.30	24.30					
20	QPSK	50	0	23.88	23.93	23.90					
20	QPSK	50	24	23.86	23.91	23.89	24	1			
20	QPSK	50	50	23.84	23.86	23.84					
20	QPSK	100	0	23.87	23.88	23.85					
20	16QAM	1	0	23.34	23.40	23.38					
20	16QAM	1	49	23.36	23.37	23.34	24	1			
20	16QAM	1	99	23.21	23.27	23.23					
20	16QAM	50	0	22.60	22.67	22.62					
20	16QAM	50	24	22.63	22.69	22.62					
20	16QAM	50	50	22.58	22.59	22.62	23	2			
20	16QAM	100	0	22.57	22.61	22.61					
20	64QAM	1	0	22.73	22.83	22.86					
20	64QAM	1	49	22.74	22.80	22.77					
20	64QAM	1	99	22.62	22.65	22.67	23	2			
20	64QAM	50	0	21.59	21.66	21.61					
20	64QAM	50	24	21.62	21.67	21.61					
20	64QAM	50	50	21.57	21.59	21.59					
20	64QAM	100	0	21.56	21.63	21.61	22	3			
Channel				132047	132322	132597					
Frequency (MHz)				1717.5	1745	1772.5			Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	24.30	24.45	24.42			25	0	
15	QPSK	1	37	24.31	24.40	24.41					
15	QPSK	1	74	24.22	24.21	24.24					
15	QPSK	36	0	23.81	23.88	23.85					
15	QPSK	36	20	23.79	23.82	23.83	24	1			
15	QPSK	36	39	23.79	23.79	23.74					
15	QPSK	75	0	23.79	23.79	23.78					
15	16QAM	1	0	23.25	23.33	23.33					
15	16QAM	1	37	23.29	23.30	23.25	24	1			
15	16QAM	1	74	23.16	23.19	23.17					
15	16QAM	36	0	22.52	22.62	22.52					
15	16QAM	36	20	22.58	22.59	22.54					
15	16QAM	36	39	22.54	22.53	22.55	23	2			
15	16QAM	75	0	22.52	22.56	22.52					
15	64QAM	1	0	22.67	22.77	22.77					
15	64QAM	1	37	22.64	22.74	22.71					
15	64QAM	1	74	22.54	22.59	22.62	23	2			
15	64QAM	36	0	21.50	21.59	21.51					
15	64QAM	36	20	21.52	21.58	21.52					
15	64QAM	36	39	21.50	21.53	21.50					
15	64QAM	75	0	21.52	21.55	21.53	22	3			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1715	1745	1775					
10	QPSK	1	0	24.36	24.41	24.40	25	0			
10	QPSK	1	25	24.33	24.41	24.36					
10	QPSK	1	49	24.18	24.21	24.20					
10	QPSK	25	0	23.80	23.87	23.82					
10	QPSK	25	12	23.80	23.83	23.81	24	1			
10	QPSK	25	25	23.79	23.78	23.79					
10	QPSK	50	0	23.80	23.81	23.77					
10	16QAM	1	0	23.29	23.32	23.30					
10	16QAM	1	25	23.31	23.28	23.25	24	1			
10	16QAM	1	49	23.13	23.20	23.18					
10	16QAM	25	0	22.54	22.62	22.53					
10	16QAM	25	12	22.58	22.62	22.53					
10	16QAM	25	25	22.53	22.53	22.52	23	2			
10	16QAM	50	0	22.51	22.52	22.51					
10	64QAM	1	0	22.63	22.73	22.78					
10	64QAM	1	25	22.65	22.70	22.72					
10	64QAM	1	49	22.56	22.56	22.57	23	2			
10	64QAM	25	0	21.52	21.57	21.54					
10	64QAM	25	12	21.56	21.58	21.53					
10	64QAM	25	25	21.48	21.52	21.49					
10	64QAM	50	0	21.49	21.58	21.53	22	3			
Channel				131987	132322	132647	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1712.5	1745	1777.5					
5	QPSK	1	0	24.37	24.44	24.41	25	0			
5	QPSK	1	12	24.35	24.42	24.39					
5	QPSK	1	24	24.23	24.20	24.21					
5	QPSK	12	0	23.80	23.85	23.80					
5	QPSK	12	7	23.81	23.85	23.83	24	1			
5	QPSK	12	13	23.78	23.76	23.74					
5	QPSK	25	0	23.82	23.83	23.78					
5	16QAM	1	0	23.28	23.30	23.33					
5	16QAM	1	12	23.29	23.32	23.29	24	1			
5	16QAM	1	24	23.16	23.18	23.18					
5	16QAM	12	0	22.53	22.62	22.54					
5	16QAM	12	7	22.57	22.61	22.53					
5	16QAM	12	13	22.54	22.52	22.55	23	2			
5	16QAM	25	0	22.47	22.56	22.55					
5	64QAM	1	0	22.67	22.75	22.80					
5	64QAM	1	12	22.65	22.75	22.70					
5	64QAM	1	24	22.53	22.59	22.62	23	2			
5	64QAM	12	0	21.54	21.60	21.51					
5	64QAM	12	7	21.54	21.59	21.56					
5	64QAM	12	13	21.48	21.50	21.49					
5	64QAM	25	0	21.52	21.54	21.56	22	3			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1711.5	1745	1778.5					
3	QPSK	1	0	24.36	24.43	24.43	25	0			
3	QPSK	1	8	24.32	24.41	24.36					
3	QPSK	1	14	24.20	24.24	24.22					
3	QPSK	8	0	23.79	23.87	23.82					
3	QPSK	8	4	23.80	23.82	23.83	24	1			
3	QPSK	8	7	23.79	23.77	23.75					
3	QPSK	15	1	23.77	23.79	23.80					
3	16QAM	1	0	23.28	23.33	23.32					
3	16QAM	1	8	23.31	23.32	23.25	24	1			
3	16QAM	1	14	23.15	23.18	23.13					
3	16QAM	8	0	22.53	22.57	22.53					
3	16QAM	8	4	22.57	22.61	22.52					
3	16QAM	8	7	22.50	22.51	22.56	23	2			
3	16QAM	15	0	22.50	22.51	22.51					
3	64QAM	1	0	22.66	22.73	22.76					
3	64QAM	1	8	22.66	22.73	22.68					
3	64QAM	1	14	22.54	22.59	22.60	23	2			
3	64QAM	8	0	21.51	21.61	21.52					
3	64QAM	8	4	21.54	21.61	21.53					
3	64QAM	8	7	21.51	21.51	21.52					
3	64QAM	15	0	21.54	21.56	21.56	22	3			
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1710.7	1745	1779.3					
1.4	QPSK	1	0	24.39	24.43	24.40	25	0			
1.4	QPSK	1	3	24.31	24.42	24.41					
1.4	QPSK	1	6	24.21	24.21	24.21					
1.4	QPSK	3	0	24.35	24.40	24.39					
1.4	QPSK	3	1	24.35	24.41	24.39	24	1			
1.4	QPSK	3	3	24.23	24.20	24.21					
1.4	QPSK	6	0	23.24	23.31	23.28					
1.4	16QAM	1	0	23.27	23.32	23.28					
1.4	16QAM	1	3	23.27	23.32	23.29	24	1			
1.4	16QAM	1	6	23.15	23.20	23.16					
1.4	16QAM	3	0	23.82	23.87	23.80					
1.4	16QAM	3	1	23.79	23.83	23.79					
1.4	16QAM	3	3	23.77	23.77	23.75	23	2			
1.4	16QAM	6	0	22.47	22.51	22.54					
1.4	64QAM	1	0	22.64	22.73	22.67					
1.4	64QAM	1	3	22.68	22.74	22.77					
1.4	64QAM	1	5	22.58	22.60	22.60	23	2			
1.4	64QAM	3	0	22.63	22.74	22.76					
1.4	64QAM	3	1	22.66	22.73	22.68					
1.4	64QAM	3	3	22.53	22.58	22.62					
1.4	64QAM	6	0	21.53	21.56	21.51	22				

Band 66_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				132072	132322	132572					
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	0	22.53	22.55	22.35	23.8	0			
20	QPSK	1	49	22.51	22.44	22.30					
20	QPSK	1	99	22.38	22.25	22.10					
20	QPSK	50	0	22.05	22.08	21.76					
20	QPSK	50	24	21.90	21.93	21.73	22.8	1			
20	QPSK	50	50	21.90	21.81	21.59					
20	QPSK	100	0	22.04	22.05	21.62					
20	16QAM	1	0	22.28	22.29	22.08					
20	16QAM	1	49	22.37	22.26	21.97	22.8	1			
20	16QAM	1	99	22.17	22.08	21.95					
20	16QAM	50	0	21.56	21.52	21.20					
20	16QAM	50	24	21.55	21.47	21.24					
20	16QAM	50	50	21.51	21.32	21.16	21.8	2			
20	16QAM	100	0	21.54	21.40	21.14					
20	64QAM	1	0	21.68	21.66	21.55					
20	64QAM	1	49	21.66	21.59	21.37					
20	64QAM	1	99	21.60	21.38	21.37	20.8	3			
20	64QAM	50	0	20.57	20.49	20.21					
20	64QAM	50	24	20.54	20.46	20.22					
20	64QAM	50	50	20.52	20.32	20.14					
20	64QAM	100	0	20.54	20.39	20.17	Tune-up limit (dBm) MPR (dB)				
Channel				132047	132322	132597					
Frequency (MHz)				1717.5	1745	1772.5	23.8	0			
15	QPSK	1	0	22.44	22.48	22.26					
15	QPSK	1	37	22.49	22.43	22.28					
15	QPSK	1	74	22.36	22.24	22.01					
15	QPSK	36	0	22.03	21.95	21.63	22.8	1			
15	QPSK	36	20	21.98	21.92	21.70					
15	QPSK	36	39	21.95	21.75	21.49					
15	QPSK	75	0	21.95	21.97	21.53					
15	16QAM	1	0	22.18	22.21	21.94	22.8	1			
15	16QAM	1	37	22.35	22.21	21.94					
15	16QAM	1	74	22.12	21.93	21.83					
15	16QAM	36	0	21.54	21.47	21.14					
15	16QAM	36	20	21.52	21.34	21.10	21.8	2			
15	16QAM	36	39	21.48	21.21	21.10					
15	16QAM	75	0	21.48	21.27	21.00					
15	64QAM	1	0	21.54	21.60	21.42					
15	64QAM	1	37	21.53	21.45	21.27	21.8	2			
15	64QAM	1	74	21.49	21.32	21.33					
15	64QAM	36	0	20.54	20.44	20.18					
15	64QAM	36	20	20.53	20.37	20.20					
15	64QAM	36	39	20.40	20.24	20.11	20.8	3			
15	64QAM	75	0	20.46	20.28	20.13					
Channel				132022	132322	132622					
Frequency (MHz)				1715	1745	1775	23.8	0			
10	QPSK	1	0	22.46	22.50	22.20					
10	QPSK	1	25	22.38	22.30	22.19	22.8	1			
10	QPSK	1	49	22.24	22.11	22.03					
10	QPSK	25	0	21.60	22.03	21.67					
10	QPSK	25	25	21.92	21.70	21.57					
10	QPSK	50	0	22.00	21.91	21.52	22.8	1			
10	16QAM	1	0	22.21	22.25	22.01					
10	16QAM	1	25	22.32	22.20	21.83					
10	16QAM	1	49	22.05	22.05	21.81					
10	16QAM	25	0	21.41	21.42	21.07	21.8	2			
10	16QAM	25	12	21.41	21.33	21.12					
10	16QAM	25	25	21.38	21.22	21.09					
10	16QAM	50	0	21.39	21.38	20.99					
10	64QAM	1	0	21.64	21.65	21.41	21.8	2			
10	64QAM	1	25	21.58	21.46	21.26					
10	64QAM	1	49	21.57	21.34	21.24					
10	64QAM	25	0	20.50	20.42	20.19					
10	64QAM	25	12	20.47	20.39	20.11	20.8	3			
10	64QAM	25	25	20.44	20.24	20.07					
10	64QAM	50	0	20.48	20.38	20.16					
Channel				131997	132322	132647					
Frequency (MHz)				1712.5	1745	1777.5	23.8	0			
5	QPSK	1	0	22.44	22.48	22.34					
5	QPSK	1	12	22.39	22.42	22.23	22.8	1			
5	QPSK	1	24	22.23	22.14	22.02					
5	QPSK	12	0	21.95	21.93	21.71					
5	QPSK	12	7	21.85	21.84	21.70					
5	QPSK	12	13	21.95	21.71	21.48	22.8	1			
5	QPSK	25	0	21.92	22.04	21.48					
5	16QAM	1	0	22.25	22.18	22.07					
5	16QAM	1	12	22.25	22.25	21.88					
5	16QAM	1	24	22.08	21.97	21.93	21.8	2			
5	16QAM	12	0	21.43	21.46	21.12					
5	16QAM	12	7	21.50	21.41	21.12					
5	16QAM	12	13	21.49	21.17	21.08					
5	16QAM	25	0	21.42	21.33	21.03	21.8	2			
5	64QAM	1	0	21.59	21.62	21.48					
5	64QAM	1	12	21.51	21.52	21.36					
5	64QAM	1	24	21.55	21.37	21.24					
5	64QAM	12	0	20.43	20.37	20.06	20.8	3			
5	64QAM	12	7	20.49	20.38	20.17					
5	64QAM	12	13	20.48	20.19	20.01					
5	64QAM	25	0	20.41	20.33	20.09					
Channel				131987	132322	132657					
Frequency (MHz)				1711.5	1745	1778.5	23.8	0			
3	QPSK	1	0	22.49	22.54	22.26					
3	QPSK	1	8	22.40	22.36	22.21	22.8	1			
3	QPSK	1	14	22.36	22.12	22.07					
3	QPSK	8	0	21.99	21.98	21.66					
3	QPSK	8	4	21.95	21.81	21.72					
3	QPSK	8	7	21.86	21.70	21.54	22.8	1			
3	QPSK	15	0	21.96	21.94	21.55					
3	16QAM	1	0	22.15	22.18	22.05					
3	16QAM	1	8	22.26	22.25	21.89					
3	16QAM	1	14	22.10	22.02	21.83	21.8	2			
3	16QAM	8	0	21.51	21.47	21.11					
3	16QAM	8	4	21.47	21.34	21.15					
3	16QAM	8	7	21.36	21.21	21.11					
3	16QAM	15	0	21.47	21.29	21.05	21.8	2			
3	64QAM	1	0	21.60	21.56	21.49					
3	64QAM	1	8	21.63	21.56	21.23					
3	64QAM	1	14	21.45	21.32	21.35					
3	64QAM	8	0	20.53	20.44	20.14	20.8	3			
3	64QAM	8	4	20.45	20.32	20.11					
3	64QAM	8	7	20.45	20.26	20.05					
3	64QAM	15	0	20.49	20.31	20.15	Tune-up limit (dBm) MPR (dB)				
Channel				131979	132322	132685					
Frequency (MHz)				1710.7	1745	1779.3	23.8	0			
1.4	QPSK	1	0	22.44	22.46	22.21					
1.4	QPSK	1	3	22.50	22.42	22.10					
1.4	QPSK	1	5	22.23	22.24	22.06					
1.4	QPSK	3	0	22.43	22.45	22.34	22.8	1			
1.4	QPSK	3	1	22.38	22.34	22.23					
1.4	QPSK	3	3	22.25	22.23	22.08					
1.4	QPSK	6	0	21.90	21.97	21.71					
1.4	16QAM	1	0	21.92	21.79	21.64	22.8	1			
1.4	16QAM	1	3	21.88	21.72	21.49					
1.4	16QAM	1	5	21.95	21.91	21.56					
1.4	16QAM	3	0	22.25	22.29	22.05	21.8	2			
1.4	16QAM	3	1	22.30	22.16	21.91					
1.4	16QAM	3	3	22.11	22.00	21.94					
1.4	16QAM	6	0	21.46	21.42	21.11					
1.4	64QAM	1	0	21.44	21.41	21.11	21.8	2			
1.4	64QAM	1	3	21.40	21.18	21.04					
1.4	64QAM	1	5	21.49	21.37	20.99					
1.4	64QAM	3	0	21.64	21.52	21.49					
1.4	64QAM	3	1	21.64	21.52	21.32	20.8	3			
1.4	64QAM	3	3	21.53	21.26	21.26					
1.4	64QAM	6	0	20.55	20.29	20.07					

Band 38_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)												
20	QPSK	1	0	24.83	24.85	24.81	25	0	0.5			
20	QPSK	1	49	24.79	24.81	24.78						
20	QPSK	1	99	24.80	24.79	24.76						
20	QPSK	50	0	24.30	24.33	24.29						
20	QPSK	50	24	24.23	24.26	24.28	24.5	1	0.5			
20	QPSK	50	50	24.28	24.26	24.22						
20	QPSK	100	0	24.23	24.29	24.27						
20	16QAM	1	0	23.31	23.28	23.24						
20	16QAM	1	49	23.34	23.32	23.34	24	1				
20	16QAM	1	99	23.39	23.31	23.37						
20	16QAM	50	0	22.78	22.75	22.75						
20	16QAM	50	24	22.79	22.76	22.80						
20	16QAM	50	50	22.84	22.77	22.81	23	2				
20	16QAM	100	0	22.81	22.75	22.79						
20	64QAM	1	0	22.64	22.64	22.60						
20	64QAM	1	49	22.67	22.73	22.69						
20	64QAM	1	99	22.75	22.67	22.74	23	2				
20	64QAM	36	0	21.77	21.73	21.73						
20	64QAM	50	24	21.77	21.74	21.80						
20	64QAM	50	50	21.80	21.76	21.79						
20	64QAM	100	0	21.81	21.75	21.78	22	3				
Channel												
Frequency (MHz)												
15	QPSK	1	0	24.78	24.79	24.75	25	0	0.5			
15	QPSK	1	37	24.74	24.71	24.69						
15	QPSK	1	74	24.72	24.73	24.68						
15	QPSK	36	0	24.23	24.26	24.19						
15	QPSK	36	20	24.16	24.17	24.22	24.5	1	0.5			
15	QPSK	36	39	24.18	24.20	24.15						
15	QPSK	75	0	24.15	24.21	24.18						
15	16QAM	1	0	23.25	23.20	23.16						
15	16QAM	1	37	23.28	23.23	23.25	24	1				
15	16QAM	1	74	23.34	23.34	23.29						
15	16QAM	36	0	22.73	22.69	22.66						
15	16QAM	36	20	22.73	22.69	22.71						
15	16QAM	36	39	22.74	22.67	22.72	23	2				
15	16QAM	75	0	22.76	22.69	22.80						
15	64QAM	1	0	22.40	22.39	22.40						
15	64QAM	1	37	22.44	22.48	22.45						
15	64QAM	1	74	22.55	22.45	22.50	23	2				
15	64QAM	36	0	21.71	21.69	21.65						
15	64QAM	36	20	21.68	21.64	21.70						
15	64QAM	36	39	21.75	21.70	21.71						
15	64QAM	75	0	21.73	21.65	21.73	22	3				
Channel												
Frequency (MHz)												
10	QPSK	1	0	24.73	24.76	24.75	25	0	0.5			
10	QPSK	1	25	24.69	24.76	24.69						
10	QPSK	1	49	24.71	24.74	24.68						
10	QPSK	25	0	24.24	24.28	24.20						
10	QPSK	25	12	24.14	24.19	24.20	24.5	1	0.5			
10	QPSK	25	25	24.23	24.19	24.16						
10	QPSK	50	0	24.13	24.23	24.21						
10	16QAM	1	0	23.21	23.22	23.14						
10	16QAM	1	25	23.26	23.23	23.24	24	1				
10	16QAM	1	49	23.32	23.21	23.31						
10	16QAM	25	0	22.73	22.69	22.68						
10	16QAM	25	12	22.73	22.68	22.74						
10	16QAM	25	25	22.74	22.72	22.71	23	2				
10	16QAM	50	0	22.72	22.65	22.72						
10	64QAM	1	0	22.42	22.40	22.38						
10	64QAM	1	25	22.47	22.50	22.44						
10	64QAM	1	49	22.53	22.44	22.53	23	2				
10	64QAM	25	0	21.71	21.67	21.65						
10	64QAM	25	12	21.67	21.67	21.70						
10	64QAM	25	25	21.70	21.66	21.72						
10	64QAM	50	0	21.71	21.67	21.68	22	3				
Channel												
Frequency (MHz)												
5	QPSK	1	0	24.73	24.80	24.76	25	0	0.5			
5	QPSK	1	12	24.69	24.72	24.70						
5	QPSK	1	24	24.72	24.70	24.70						
5	QPSK	12	0	24.20	24.28	24.22						
5	QPSK	12	7	24.13	24.18	24.23	24.5	1	0.5			
5	QPSK	12	13	24.22	24.19	24.15						
5	QPSK	25	0	24.18	24.20	24.16						
5	16QAM	1	0	23.25	23.23	23.15						
5	16QAM	1	12	23.26	23.23	23.24	24	1				
5	16QAM	1	24	23.32	23.21	23.27						
5	16QAM	12	0	22.72	22.68	22.69						
5	16QAM	12	7	22.71	22.67	22.70						
5	16QAM	12	13	22.79	22.67	22.71	23	2				
5	16QAM	25	0	22.75	22.69	22.74						
5	64QAM	1	0	22.43	22.44	22.36						
5	64QAM	1	12	22.46	22.51	22.46						
5	64QAM	1	24	22.55	22.45	22.49	23	2				
5	64QAM	12	0	21.69	21.63	21.64						
5	64QAM	12	7	21.70	21.69	21.73						
5	64QAM	12	13	21.71	21.70	21.73						
5	64QAM	25	0	21.75	21.67	21.71	22	3				
Channel												

Band 41_Ant 4																	
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.	Time-up limit (dBm)	MPR (dB)							
Channel				39750	40145	40620	41055	41480									
Frequency (MHz)				2506	2549.5	2593	2638.5	2680									
20	QPSK	1	0	23.50	23.43	23.40	23.38	23.35	23.8	0							
20	QPSK	1	49	23.47	23.39	23.39	23.36	23.33									
20	QPSK	1	99	23.41	23.39	23.37	23.32	23.28									
20	QPSK	50	0	22.98	22.90	22.88	22.86	22.84									
20	QPSK	50	24	22.98	22.94	22.86	22.86	22.84	23.3	0.5							
20	QPSK	50	50	22.86	22.83	22.90	22.87	22.84									
20	QPSK	100	0	22.98	22.93	22.85	22.85	22.82									
20	QPSK	1	0	21.92	21.98	21.83	21.83	21.79									
20	16QAM	1	49	22.03	22.04	21.96	21.92	21.89	22.8	1							
20	16QAM	1	99	22.04	21.99	21.93	21.89	21.83									
20	16QAM	50	0	21.40	21.45	21.34	21.38	21.31									
20	16QAM	50	24	21.47	21.44	21.36	21.37	21.33									
20	16QAM	50	50	21.51	21.43	21.41	21.38	21.34	21.8	2							
20	16QAM	100	0	21.45	21.48	21.39	21.37	21.32									
20	64QAM	1	0	21.12	21.15	21.04	21.03	21.00									
20	64QAM	1	49	21.24	21.19	21.19	21.13	21.10									
20	64QAM	1	99	21.28	21.18	21.14	21.11	21.05	20.8	3							
20	64QAM	50	0	20.38	20.42	20.39	20.34	20.30									
20	64QAM	50	24	20.47	20.41	20.36	20.36	20.30									
20	64QAM	50	50	20.51	20.42	20.40	20.35	20.31									
20	64QAM	100	0	20.44	20.42	20.36	20.34	20.34									
Channel				39725	40173	40620	41063	41515									
Frequency (MHz)				2601.5	2644.3	2693	2737.8	2783.5	Time-up limit (dBm)	MPR (dB)							
15	QPSK	1	0	23.40	23.33	23.32	23.32	23.25	23.8	0							
15	QPSK	1	37	23.38	23.29	23.30	23.27	23.25									
15	QPSK	1	74	23.35	23.29	23.29	23.22	23.23									
15	QPSK	36	0	22.91	22.89	22.83	22.83	22.82									
15	QPSK	36	20	22.89	22.89	22.79	22.77	22.75	23.3	0.5							
15	QPSK	36	39	22.91	22.83	22.81	22.77	22.77									
15	QPSK	75	0	22.80	22.88	22.78	22.77	22.76									
15	16QAM	1	0	21.84	21.83	21.73	21.73	21.71									
15	16QAM	1	37	21.95	21.88	21.82	21.83	21.81	22.8	1							
15	16QAM	1	74	21.96	21.91	21.83	21.82	21.74									
15	16QAM	36	0	21.31	21.38	21.25	21.30	21.24									
15	16QAM	36	20	21.39	21.36	21.26	21.27	21.28									
15	16QAM	36	39	21.43	21.38	21.32	21.29	21.28	21.8	2							
15	16QAM	75	0	21.40	21.39	21.34	21.29	21.23									
15	64QAM	1	0	21.04	21.06	20.99	20.97	20.92									
15	64QAM	1	37	21.16	21.13	21.13	21.06	21.05									
15	64QAM	1	74	21.21	21.10	21.08	21.02	21.00	20.8	3							
15	64QAM	36	0	20.94	20.98	20.94	20.84	20.83									
15	64QAM	36	20	20.39	20.41	20.31	20.28	20.23									
15	64QAM	36	39	20.45	20.34	20.30	20.29	20.24									
15	64QAM	75	0	20.35	20.32	20.26	20.26	20.26									
Channel				39700	40160	40620	41080	41540	Time-up limit (dBm)	MPR (dB)							
Frequency (MHz)				2501 <td>2547</td> <td>2593</td> <td>2639</td> <td>2685</td> <td data-cs="5" data-kind="parent"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>	2547	2593	2639	2685									
10	QPSK	1	0	23.43	23.34	23.33	23.29	23.25	23.8	0							
10	QPSK	1	25	23.39	23.29	23.33	23.26	23.24									
10	QPSK	1	49	23.32	23.32	23.30	23.24	23.19									
10	QPSK	25	0	22.84	22.86	22.87	22.80	22.83									
10	QPSK	25	12	22.91	22.85	22.76	22.80	22.74	23.3	0.5							
10	QPSK	25	25	22.90	22.85	22.82	22.82	22.74									
10	QPSK	50	0	22.88	22.85	22.77	22.78	22.72									
10	16QAM	1	0	21.83	21.90	21.74	21.77	21.73									
10	16QAM	1	25	21.85	21.89	21.88	21.86	21.79	22.8	1							
10	16QAM	1	49	21.84	21.89	21.87	21.81	21.74									
10	16QAM	25	0	21.34	21.35	21.29	21.31	21.24									
10	16QAM	25	12	21.41	21.39	21.26	21.27	21.26									
10	16QAM	25	25	21.42	21.35	21.32	21.31	21.24	21.8	2							
10	16QAM	50	0	21.37	21.40	21.31	21.27	21.21									
10	64QAM	1	0	21.06	21.06	20.98	20.94	20.91									
10	64QAM	1	25	21.14	21.11	21.12	21.04	21.01									
10	64QAM	1	49	21.22	21.10	21.05	21.05	20.98	20.8	3							
10	64QAM	25	0	20.31	20.37	20.23	20.24	20.24									
10	64QAM	25	12	20.39	20.31	20.31	20.30	20.25									
10	64QAM	25	25	20.42	20.37	20.35	20.29	20.28									
10	64QAM	50	0	20.34	20.36	20.31	20.25	20.26									
Channel				39675	40148	40620	41093	41555	Time-up limit (dBm)	MPR (dB)							
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5									
5	QPSK	1	0	23.45	23.37	23.35	23.29	23.28	23.8	0							
5	QPSK	1	12	23.41	23.33	23.30	23.26	23.25									
5	QPSK	1	24	23.31	23.29	23.29	23.23	23.18									
5	QPSK	12	0	22.84	22.87	22.83	22.82	22.78									
5	QPSK	12	7	22.89	22.87	22.80	22.80	22.74	23.3	0.5							
5	QPSK	12	13	22.88	22.84	22.81	22.77	22.79									
5	QPSK	25	0	22.87	22.87	22.77	22.75	22.75									
5	16QAM	1	0	21.85	21.89	21.75	21.78	21.69									
5	16QAM	1	12	21.87	21.95	21.91	21.82	21.82	22.8	1							
5	16QAM	1	24	21.87	21.83	21.88	21.79	21.78									
5	16QAM	12	0	21.33	21.37	21.29	21.29	21.24									
5	16QAM	12	7	21.38	21.34	21.30	21.27	21.25									
5	16QAM	12	13	21.45	21.38	21.35	21.29	21.25	21.8	2							
5	16QAM	25	0	21.35	21.38	21.33	21.30	21.23									
5	64QAM	1	0	21.03	21.09	20.96	20.94	20.92									
5	64QAM	1	12	21.14	21.13	21.12	21.03	21.04									
5	64QAM	1	24	21.21	21.12	21.08	21.02	20.95	20.8	3							
5	64QAM	12	0	20.33	20.33	20.21	20.28	20.24									

Band 41_Ant_3_PC2												
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.	Time-up limit (dBm)	MPR (dB)		
Channel												
Frequency (MHz)				39750	40148	40620	41093	41565	41660			
20	QPSK	1	0	25.87	25.88	25.90	25.55	25.46	26.8	0		
20	QPSK	1	49	25.82	25.87	25.80	25.52	25.44				
20	QPSK	1	99	25.85	25.87	25.77	25.45	25.32				
20	QPSK	50	0	25.31	25.82	25.85	25.11	25.02				
20	QPSK	50	24	25.40	25.41	25.37	25.10	25.03				
20	QPSK	50	50	25.38	25.40	25.35	25.07	24.99	25.8	1		
20	QPSK	100	0	25.39	25.42	25.43	25.08	24.98				
20	16QAM	1	0	25.48	25.54	25.47	25.23	25.04				
20	16QAM	1	49	25.59	25.60	25.55	25.31	25.11				
20	16QAM	1	99	25.61	25.59	25.48	25.22	25.05				
20	16QAM	50	0	24.58	24.64	24.55	24.32	24.22	24.8	2		
20	16QAM	50	24	24.63	24.66	24.59	24.32	24.24				
20	16QAM	50	50	24.66	24.67	24.61	24.31	24.23				
20	16QAM	100	0	24.60	24.64	24.55	24.31	24.20				
20	64QAM	1	0	24.55	24.60	24.52	24.29	24.12				
20	64QAM	1	49	24.63	24.62	24.59	24.31	24.18	24.8	2		
20	64QAM	1	99	24.64	24.65	24.53	24.27	24.08				
20	64QAM	50	0	23.55	23.63	23.55	23.31	23.19				
20	64QAM	50	24	23.61	23.65	23.56	23.30	23.22				
20	64QAM	50	50	23.62	23.65	23.59	23.28	23.22				
20	64QAM	100	0	23.59	23.63	23.56	23.30	23.19	23.8	3		
Channel				39725 <th>40143<th>40620<th>41068<th>41548<th>Time-up limit (dBm)</th><th>MPR (dB)</th></th></th></th></th>	40143 <th>40620<th>41068<th>41548<th>Time-up limit (dBm)</th><th>MPR (dB)</th></th></th></th>	40620 <th>41068<th>41548<th>Time-up limit (dBm)</th><th>MPR (dB)</th></th></th>	41068 <th>41548<th>Time-up limit (dBm)</th><th>MPR (dB)</th></th>	41548 <th>Time-up limit (dBm)</th> <th>MPR (dB)</th>			Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5 <th>2548.3<th>2593<th>2637.8<th>2682.5<td></td><td></td></th></th></th></th>	2548.3 <th>2593<th>2637.8<th>2682.5<td></td><td></td></th></th></th>	2593 <th>2637.8<th>2682.5<td></td><td></td></th></th>	2637.8 <th>2682.5<td></td><td></td></th>	2682.5 <td></td> <td></td>				
15	QPSK	1	0	25.83	25.73	25.79	25.53	25.44	26.8	0		
15	QPSK	1	37	25.80	25.75	25.66	25.37	25.37				
15	QPSK	1	74	25.83	25.78	25.64	25.34	25.24				
15	QPSK	36	0	25.33	25.30	25.38	25.08	25.05				
15	QPSK	36	20	25.39	25.39	25.25	25.01	24.90				
15	QPSK	36	39	25.29	25.25	25.28	24.99	24.88	25.8	1		
15	QPSK	75	0	25.36	25.37	25.28	25.05	24.95				
15	16QAM	1	0	25.37	25.41	25.39	25.20	25.05				
15	16QAM	1	37	25.56	25.55	25.51	25.16	25.01				
15	16QAM	1	74	25.57	25.53	25.35	25.18	24.97				
15	16QAM	36	0	24.52	24.61	24.49	24.17	24.20	24.8	2		
15	16QAM	36	20	24.62	24.62	24.55	24.27	24.17				
15	16QAM	36	39	24.60	24.54	24.52	24.29	24.24				
15	16QAM	75	0	24.48	24.52	24.49	24.25	24.18				
15	64QAM	1	0	24.53	24.53	24.42	24.20	23.97				
15	64QAM	1	37	24.52	24.50	24.44	24.20	24.15	24.8	2		
15	64QAM	1	74	24.53	24.51	24.42	24.18	23.95				
15	64QAM	36	0	23.45	23.50	23.41	23.19	23.17				
15	64QAM	36	20	23.51	23.53	23.52	23.19	23.14				
15	64QAM	36	39	23.58	23.54	23.46	23.15	23.12				
15	64QAM	75	0	23.49	23.58	23.54	23.18	23.14	23.8	3		
Channel				39700	40160	40620	41080	41540			Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501 <th>2547<th>2593<th>2639<th>2685<td></td><td></td></th></th></th></th>	2547 <th>2593<th>2639<th>2685<td></td><td></td></th></th></th>	2593 <th>2639<th>2685<td></td><td></td></th></th>	2639 <th>2685<td></td><td></td></th>	2685 <td></td> <td></td>				
10	QPSK	1	0	25.75	25.84	25.87	25.48	25.52	26.8	0		
10	QPSK	1	25	25.73	25.75	25.66	25.50	25.43				
10	QPSK	1	49	25.74	25.83	25.72	25.44	25.17				
10	QPSK	25	0	25.37	25.37	25.35	25.10	24.91				
10	QPSK	25	12	25.39	25.32	25.28	25.07	25.02				
10	QPSK	25	25	25.32	25.29	25.32	25.02	24.86	25.8	1		
10	QPSK	50	0	25.25	25.41	25.40	24.94	24.96				
10	16QAM	1	0	25.39	25.48	25.33	25.09	24.89				
10	16QAM	1	25	25.58	25.57	25.48	25.24	25.04				
10	16QAM	1	49	25.60	25.52	25.35	25.20	24.92				
10	16QAM	25	0	24.43	24.58	24.40	24.28	24.07	24.8	2		
10	16QAM	25	12	24.54	24.59	24.57	24.19	24.19				
10	16QAM	25	25	24.65	24.66	24.59	24.20	24.13				
10	16QAM	50	0	24.56	24.52	24.54	24.22	24.10				
10	64QAM	1	0	24.47	24.51	24.44	24.23	24.05				
10	64QAM	1	25	24.55	24.50	24.44	24.22	24.14	24.8	2		
10	64QAM	1	49	24.49	24.54	24.47	24.20	24.08				
10	64QAM	25	0	23.42	23.53	23.41	23.28	23.18				
10	64QAM	25	12	23.56	23.61	23.41	23.26	23.17				
10	64QAM	25	25	23.47	23.60	23.47	23.25	23.20				
10	64QAM	50	0	23.44	23.50	23.49	23.29	23.12	23.8	3		
Channel				39675	40148	40620	41093	41565			Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5 <th>2545.8<th>2593<th>2640.3<th>2687.5<td></td><td></td></th></th></th></th>	2545.8 <th>2593<th>2640.3<th>2687.5<td></td><td></td></th></th></th>	2593 <th>2640.3<th>2687.5<td></td><td></td></th></th>	2640.3 <th>2687.5<td></td><td></td></th>	2687.5 <td></td> <td></td>				
5	QPSK	1	0	25.78	25.79	25.83	25.49	25.42	26.8	0		
5	QPSK	1	12	25.76	25.81	25.74	25.47	25.35				
5	QPSK	1	24	25.70	25.73	25.63	25.36	25.27				
5	QPSK	12	0	25.26	25.38	25.30	25.10	24.97				
5	QPSK	12	7	25.28	25.40	25.29	25.04	24.91				
5	QPSK	12	13	25.36	25.39	25.32	25.02	24.91	25.8	1		
5	QPSK	25	0	25.36	25.39	25.28	25.01	24.85				
5	16QAM	1	0	25.37	25.42	25.46	25.10	24.90				
5	16QAM	1	12	25.51	25.58	25.47	25.18	25.02				
5	16QAM	1	24	25.46	25.56	25.38	25.09	24.95				
5	16QAM	12	0	24.52	24.61	24.46	24.26	24.20	24.8	2		
5	16QAM	12	7	24.59	24.59	24.52	24.20	24.09				
5	16QAM	12	13	24.61	24.53	24.60	24.22	24.18				
5	16QAM	25	0	24.50	24.53	24.43	24.23	24.12				
5	64QAM	1	0	24.44	24.55	24.45	24.27	23.97				
5	64QAM	1	12	24.57	24.52	24.57	24.17	24.10	24.8	2		
5	64QAM	1	24	24.51	24.51	24.51	24.13	24.03				
5	64QAM	12	0	23.54	23.62	23.41	23.17	23.05	23.8	3		
5	64QAM	12	7	23.51	23.57	23.46	23.16	23.15				
5	64QAM	12	13	23.49	23.52	23.48	23.18	23.12				
5	64QAM	25	0	23.56	23.50	23.49	23.19	23.14				
5	64QAM	25	0	23.56	23.50	23.49	23.19	23.14				

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	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.13	33.18	33.15	34.00	24.13	24.18	24.15	25.00
GPRS/EDGE GMSK 1 Tx slot	33.11	33.17	33.13	34.00	24.11	24.17	24.13	25.00
GPRS/EDGE GMSK 2 Tx slots	30.13	30.20	30.16	31.00	24.13	24.20	24.16	25.00
GPRS/EDGE GMSK 3 Tx slots	28.60	28.65	28.61	29.00	24.34	24.39	24.35	24.74
GPRS/EDGE GMSK 4 Tx slots	27.01	27.10	27.05	28.00	24.01	24.10	24.05	25.00
EDGE 8PSK 1 Tx slot	28.08	28.15	28.13	30.00	19.08	19.15	19.13	21.00
EDGE 8PSK 2 Tx slots	26.85	26.89	26.88	27.00	20.85	20.89	20.88	21.00
EDGE 8PSK 3 Tx slots	24.72	24.81	24.71	25.00	20.46	20.55	20.45	20.74
EDGE 8PSK 4 Tx slots	23.71	23.75	23.64	24.00	20.71	20.75	20.64	21.00

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	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.60	31.73	31.70	32.50	22.60	22.73	22.70	23.50
GPRS/EDGE GMSK 1 Tx slot	31.58	31.71	31.69	32.50	22.58	22.71	22.69	23.50
GPRS/EDGE GMSK 2 Tx slots	28.69	28.70	28.63	29.50	22.69	22.70	22.63	23.50
GPRS/EDGE GMSK 3 Tx slots	26.96	27.00	26.99	27.50	22.70	22.74	22.73	23.24
GPRS/EDGE GMSK 4 Tx slots	25.58	25.72	25.57	26.50	22.58	22.72	22.57	23.50
EDGE 8PSK 1 Tx slot	28.06	28.13	28.03	30.00	19.06	19.13	19.03	21.00
EDGE 8PSK 2 Tx slots	26.67	26.77	26.66	27.00	20.67	20.77	20.66	21.00
EDGE 8PSK 3 Tx slots	24.54	24.64	24.55	25.00	20.28	20.38	20.29	20.74
EDGE 8PSK 4 Tx slots	23.35	23.38	23.29	24.00	20.35	20.38	20.29	21.00

GSM1900_Ant 4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.20	30.25	30.22	31.00	21.20	21.25	21.22	22.00
GPRS/EDGE GMSK 1 Tx slot	30.18	30.23	30.21	31.00	21.18	21.23	21.21	22.00
GPRS/EDGE GMSK 2 Tx slots	27.25	27.30	27.28	28.00	21.25	21.30	21.28	22.00
GPRS/EDGE GMSK 3 Tx slots	25.75	25.82	25.78	26.00	21.49	21.56	21.52	21.74
GPRS/EDGE GMSK 4 Tx slots	24.19	24.26	24.23	25.00	21.19	21.26	21.23	22.00
EDGE 8PSK 1 Tx slot	26.10	26.18	26.09	28.00	17.10	17.18	17.09	19.00
EDGE 8PSK 2 Tx slots	24.88	24.90	24.84	25.00	18.88	18.90	18.84	19.00
EDGE 8PSK 3 Tx slots	22.58	22.64	22.56	23.00	18.32	18.38	18.30	18.74
EDGE 8PSK 4 Tx slots	21.25	21.38	21.26	22.00	18.25	18.38	18.26	19.00

GSM1900_Ant 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.35	30.37	30.30	31.00	21.35	21.37	21.30	22.00
GPRS/EDGE GMSK 1 Tx slot	30.33	30.36	30.28	31.00	21.33	21.36	21.28	22.00
GPRS/EDGE GMSK 2 Tx slots	27.44	27.45	27.41	28.00	21.44	21.45	21.41	22.00
GPRS/EDGE GMSK 3 Tx slots	25.93	25.96	25.90	26.00	21.67	21.70	21.64	21.74
GPRS/EDGE GMSK 4 Tx slots	24.37	24.40	24.35	25.00	21.37	21.40	21.35	22.00
EDGE 8PSK 1 Tx slot	26.30	26.43	26.40	28.00	17.30	17.43	17.40	19.00
EDGE 8PSK 2 Tx slots	24.86	24.89	24.85	25.00	18.86	18.89	18.85	19.00
EDGE 8PSK 3 Tx slots	22.63	22.68	22.61	23.00	18.37	18.42	18.35	18.74
EDGE 8PSK 4 Tx slots	21.48	21.54	21.42	22.00	18.48	18.54	18.42	19.00

Band	WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA II_Ant 3			Tune-up Limit (dBm)	
	TX Channel	9262	9400		9538	TX Channel	9262		9400
	Rx Channel	9662	9800	9938		Rx Channel	9662	9800	9938
	Frequency (MHz)	1852.4	1880	1907.6		Frequency (MHz)	1852.4	1880	1907.6
3GPP Rel 99	AMR 12.2Kbps	20.38	20.43	20.33	21.10	21.91	21.93	21.61	22.60
3GPP Rel 99	RMC 12.2Kbps	20.40	20.44	20.35	21.10	21.93	21.95	21.63	22.60
3GPP Rel 6	HS-DPA Subtest-1	18.55	19.07	18.80	19.30	20.33	20.58	20.18	20.80
3GPP Rel 6	HS-DPA Subtest-2	18.68	19.11	18.81	19.30	20.41	20.53	20.13	20.80
3GPP Rel 6	HS-DPA Subtest-3	18.15	18.65	18.31	18.80	19.93	19.98	19.73	20.30
3GPP Rel 6	HS-DPA Subtest-4	18.11	18.48	18.36	18.80	19.89	20.05	19.76	20.30
3GPP Rel 8	DC-HSDPA Subtest-1	18.49	18.87	18.61	19.30	20.19	20.42	20.12	20.80
3GPP Rel 8	DC-HSDPA Subtest-2	18.63	18.92	18.75	19.30	20.27	20.38	20.19	20.80
3GPP Rel 8	DC-HSDPA Subtest-3	18.20	18.50	18.28	18.80	19.82	20.04	19.50	20.30
3GPP Rel 8	DC-HSDPA Subtest-4	18.12	18.51	18.31	18.80	19.82	19.96	19.61	20.30
3GPP Rel 6	HS-UPA Subtest-1	17.03	17.47	17.35	17.80	18.65	18.87	18.63	19.30
3GPP Rel 6	HS-UPA Subtest-2	17.14	17.61	17.44	17.80	18.76	18.86	18.62	19.30
3GPP Rel 6	HS-UPA Subtest-3	18.23	18.58	18.41	18.80	19.86	19.84	19.57	20.30
3GPP Rel 6	HS-UPA Subtest-4	16.89	17.30	17.14	17.80	18.26	18.37	18.16	19.30
3GPP Rel 6	HS-UPA Subtest-5	18.58	18.66	18.70	18.80	19.72	19.82	19.53	20.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.02	17.46	17.37	17.80	18.72	18.78	18.36	19.30

	Band	WCDMA IV_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 3			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	20.80	20.83	20.82	21.60	21.60	21.61	21.58	22.60
3GPP Rel 99	RMC 12.2Kbps	20.81	20.85	20.83	21.60	21.61	21.63	21.60	22.60
3GPP Rel 6	HS-DPA Subtest-1	19.86	19.75	19.69	20.30	20.30	20.35	20.38	21.30
3GPP Rel 6	HS-DPA Subtest-2	19.85	19.68	19.79	20.30	20.30	20.30	20.38	21.30
3GPP Rel 6	HS-DPA Subtest-3	19.32	19.28	19.20	19.80	19.89	19.95	19.94	20.80
3GPP Rel 6	HS-DPA Subtest-4	19.29	19.22	19.19	19.80	19.83	19.82	19.92	20.80
3GPP Rel 8	DC-HSDPA Subtest-1	19.71	19.69	19.60	20.30	20.26	20.36	20.35	21.30
3GPP Rel 8	DC-HSDPA Subtest-2	19.73	19.69	19.70	20.30	20.17	20.25	20.30	21.30
3GPP Rel 8	DC-HSDPA Subtest-3	19.27	19.34	19.22	19.80	19.82	19.80	19.88	20.80
3GPP Rel 8	DC-HSDPA Subtest-4	19.22	19.08	19.21	19.80	19.78	19.86	19.73	20.80
3GPP Rel 6	HS-UPA Subtest-1	17.82	17.85	17.83	18.30	18.39	18.47	18.43	19.30
3GPP Rel 6	HS-UPA Subtest-2	17.84	17.86	17.89	18.30	18.40	18.45	18.35	19.30
3GPP Rel 6	HS-UPA Subtest-3	18.79	18.77	18.73	19.30	19.34	19.40	19.49	20.30
3GPP Rel 6	HS-UPA Subtest-4	17.42	17.38	17.39	18.30	17.89	18.05	17.97	19.30
3GPP Rel 6	HS-UPA Subtest-5	18.82	18.84	18.75	19.30	19.37	19.41	19.35	20.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.82	17.78	17.87	18.30	18.37	18.37	18.35	19.30

Band	WCDMA V_Ant 0				Tune-up Limit (dBm)	WCDMA V_Ant 1				Tune-up Limit (dBm)
	TX Channel	4132	4182	4233		4132	4182	4233		
Rx Channel		4357	4407	4458		4357	4407	4458		
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	24.50	24.53	24.48	25.10	21.61	21.63	21.58	22.10	
3GPP Rel 99	RMC 12.2Kbps	24.52	24.55	24.50	25.10	21.63	21.66	21.60	22.10	
3GPP Rel 6	HS-DPA Subtest-1	23.49	23.47	23.62	23.80	20.49	20.44	20.49	20.80	
3GPP Rel 6	HS-DPA Subtest-2	23.53	23.48	23.68	23.80	20.40	20.38	20.53	20.80	
3GPP Rel 6	HS-DPA Subtest-3	23.05	23.01	23.20	23.30	20.05	19.97	20.18	20.30	
3GPP Rel 6	HS-DPA Subtest-4	23.00	22.97	23.22	23.30	19.96	19.91	20.05	20.30	
3GPP Rel 8	DC-HSDPA Subtest-1	23.41	23.45	23.54	23.80	20.47	20.21	20.45	20.80	
3GPP Rel 8	DC-HSDPA Subtest-2	23.52	23.43	23.63	23.80	20.42	20.37	20.48	20.80	
3GPP Rel 8	DC-HSDPA Subtest-3	23.02	22.89	23.05	23.30	19.93	19.86	20.16	20.30	
3GPP Rel 8	DC-HSDPA Subtest-4	22.85	22.81	23.18	23.30	19.85	19.74	20.01	20.30	
3GPP Rel 6	HS-UPA Subtest-1	21.49	21.47	21.56	21.80	18.47	18.35	18.45	18.80	
3GPP Rel 6	HS-UPA Subtest-2	21.51	21.46	21.55	21.80	18.48	18.35	18.44	18.80	
3GPP Rel 6	HS-UPA Subtest-3	22.50	22.50	22.59	22.80	19.39	19.36	19.45	19.80	
3GPP Rel 6	HS-UPA Subtest-4	21.02	20.98	21.06	21.80	17.92	17.92	17.91	18.80	
3GPP Rel 6	HS-UPA Subtest-5	22.50	22.50	22.60	22.80	19.40	19.27	19.52	19.80	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.36	21.38	21.43	21.80	18.38	18.13	18.41	18.80	



Band 2_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				18700	18900	19100				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	20.13	20.15	20.11	20.8	0		
20	QPSK	1	49	20.04	20.07	20.00				
20	QPSK	1	99	20.08	20.12	20.00				
20	QPSK	50	0	20.11	20.13	20.10	20.8	0		
20	QPSK	50	24	20.02	20.00	19.96				
20	QPSK	50	50	19.98	20.05	20.02				
20	QPSK	100	0	20.08	20.10	20.07	20.8	0		
20	16QAM	1	0	19.96	19.99	20.00				
20	16QAM	1	49	20.01	20.08	20.06				
20	16QAM	1	99	20.01	20.04	20.02	20.8	0		
20	16QAM	50	0	20.09	20.04	20.09				
20	16QAM	50	24	19.99	20.08	20.07				
20	16QAM	50	50	20.01	20.03	19.96	20.8	0		
20	16QAM	100	0	20.06	20.08	20.00				
20	64QAM	1	0	20.07	19.98	20.03				
20	64QAM	1	49	20.00	20.11	20.05	20.8	0		
20	64QAM	1	99	19.98	20.06	20.00				
20	64QAM	50	0	20.06	19.98	20.08				
20	64QAM	50	24	20.03	20.00	20.02	20.8	0		
20	64QAM	50	50	20.00	20.12	19.98				
20	64QAM	100	0	20.01	20.02	20.03				
Channel				1867.5	18800	19125	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	18900	1902.5				
15	QPSK	1	0	20.03	20.03	20.04	20.8	0		
15	QPSK	1	37	20.02	19.96	19.93				
15	QPSK	1	74	19.96	20.04	19.93				
15	QPSK	36	0	19.97	19.99	20.06	20.8	0		
15	QPSK	36	20	19.89	19.88	19.88				
15	QPSK	36	39	19.89	20.00	19.87				
15	QPSK	75	0	19.93	19.95	19.94	20.8	0		
15	16QAM	1	0	19.91	19.98	19.93				
15	16QAM	1	37	19.89	19.97	20.00				
15	16QAM	1	74	19.87	20.01	19.91	20.8	0		
15	16QAM	36	0	19.97	19.92	19.95				
15	16QAM	36	20	19.92	20.02	19.99				
15	16QAM	36	39	19.96	19.96	19.91	20.8	0		
15	16QAM	75	0	19.94	20.00	19.96				
15	64QAM	1	0	19.93	19.86	19.88				
15	64QAM	1	37	19.87	20.02	19.90	20.8	0		
15	64QAM	1	74	19.83	20.03	19.86				
15	64QAM	36	0	20.04	19.87	20.05				
15	64QAM	36	20	19.90	19.85	19.93	20.8	0		
15	64QAM	36	39	19.88	19.99	19.90				
15	64QAM	75	0	19.87	19.96	19.97				
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	0	20.05	20.08	20.07	20.8	0		
10	QPSK	1	25	19.98	20.06	19.98				
10	QPSK	1	49	19.97	19.98	19.92				
10	QPSK	25	0	20.00	20.11	19.97	20.8	0		
10	QPSK	25	12	19.97	19.98	19.91				
10	QPSK	25	25	19.84	19.97	19.91				
10	QPSK	50	0	20.03	20.09	19.93	20.8	0		
10	16QAM	1	0	19.86	19.84	19.84				
10	16QAM	1	25	19.96	20.03	20.04				
10	16QAM	1	49	19.96	19.95	19.91	20.8	0		
10	16QAM	25	0	19.94	19.95	20.02				
10	16QAM	25	12	19.90	19.98	19.97				
10	16QAM	25	25	19.84	19.88	19.88	20.8	0		
10	16QAM	50	0	19.93	19.95	19.95				
10	64QAM	1	0	20.00	19.84	19.95				
10	64QAM	1	25	19.96	20.00	19.94	20.8	0		
10	64QAM	1	49	19.92	20.03	19.88				
10	64QAM	25	0	20.02	19.87	20.00				
10	64QAM	25	12	19.93	19.89	19.98	20.8	0		
10	64QAM	25	25	19.86	20.01	19.97				
10	64QAM	50	0	19.86	19.92	19.93				
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	0	20.02	20.07	20.02	20.8	0		
5	QPSK	1	12	20.01	20.04	19.95				
5	QPSK	1	24	20.06	20.04	19.98				
5	QPSK	12	0	20.06	20.07	20.09	20.8	0		
5	QPSK	12	7	19.96	19.92	19.83				
5	QPSK	12	13	19.94	19.97	19.96				
5	QPSK	25	0	19.97	19.96	19.94	20.8	0		
5	16QAM	1	0	19.91	19.96	19.88				
5	16QAM	1	12	19.95	20.00	20.05				
5	16QAM	1	24	19.89	20.00	19.90	20.8	0		
5	16QAM	12	0	20.04	20.00	20.05				
5	16QAM	12	7	19.91	20.03	20.02				
5	16QAM	12	13	19.97	19.97	19.88	20.8	0		
5	16QAM	25	0	19.95	20.03	19.94				
5	64QAM	1	0	19.92	19.88	20.02				
5	64QAM	1	12	19.95	20.10	19.90	20.8	0		
5	64QAM	1	24	19.83	20.00	19.96				
5	64QAM	12	0	20.05	19.85	20.04				
5	64QAM	12	7	20.02	19.90	19.88	20.8	0		
5	64QAM	12	13	19.85	20.08	19.88				
5	64QAM	25	0	19.85	19.85	19.92				
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1851.5	1880	1908.5				
3	QPSK	1	0	20.07	20.03	20.01	20.8	0		
3	QPSK	1	8	19.94	20.06	19.87				
3	QPSK	1	14	19.97	20.00	19.92				
3	QPSK	8	0	19.98	20.12	19.99	20.8	0		
3	QPSK	8	4	19.85	19.82	19.83				
3	QPSK	8	7	19.90	19.93	19.89				
3	QPSK	15	0	20.04	20.00	19.97	20.8	0		
3	16QAM	1	0	19.88	19.85	19.86				
3	16QAM	1	8	20.00	19.98	20.00				
3	16QAM	1	14	19.99	19.89	19.95	20.8	0		
3	16QAM	8	0	19.98	20.01	20.03				
3	16QAM	8	4	19.84	19.97	20.06				
3	16QAM	8	7	19.93	19.93	19.90	20.8	0		
3	16QAM	15	0	20.05	20.04	19.93				
3	64QAM	1	0	19.94	19.97	19.97				
3	64QAM	1	8	19.92	20.10	20.04	20.8	0		
3	64QAM	1	14	19.95	19.97	19.87				
3	64QAM	8	0	20.04	19.93	20.06	20.8	0		
3	64QAM	8	4	19.86	19.85	19.95				
3	64QAM	8	7	19.87	20.10	19.88				
3	64QAM	15	0	19.95	19.88	19.90	20.8	0		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	1880	1909.3				
1.4	QPSK	1	0	20.06	20.03	20.06	20.8	0		
1.4	QPSK	1	3	19.96	20.03	19.94				
1.4	QPSK	1	5	19.86	19.98	19.94				
1.4	QPSK	3	0	20.09	20.01	20.04	20.8	0		
1.4	QPSK	3	1	19.92	19.94	19.86				
1.4	QPSK	3	3	19.88	19.94	19.94				
1.4	QPSK	6	0	20.01	19.96	20.00	20.8	0		
1.4	16QAM	1	0	19.83	19.88	19.90				
1.4	16QAM	1	3	19.87	20.07	20.02				
1.4	16QAM	1	5	19.84	19.99	19.99	20.8	0		
1.4	16QAM	3	0	20.07	19.91	19.97				
1.4	16QAM	3	3	19.94	19.99	20.05				
1.4	16QAM	3	3	19.96	19.92	19.86	20.8	0		
1.4	16QAM	6	0	19.95	20.05	19.96				
1.4	64QAM	1	0	20.06	19.89	19.98				
1.4	64QAM	1	3	19.99	20.05	19.90	20.8	0		
1.4	64QAM	1	5	19.88	19.94	19.93				
1.4	64QAM	3	0	20.05	19.94	19.99				
1.4	64QAM	3	1	20.01	19.97	19.91	20.8	0		
1.4	64QAM	3	3	19.92	20.02	19.85				
1.4	64QAM	6	0	19.91	20.01	19.96				



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	21.88	21.90	21.85	22.5	0					
20	QPSK	1	49	21.79	21.86	21.72							
20	QPSK	1	99	21.80	21.83	21.75							
20	QPSK	50	0	21.86	21.89	21.85	22.5	0					
20	QPSK	50	24	21.81	21.85	21.71							
20	QPSK	50	50	21.83	21.84	21.83							
20	QPSK	100	0	21.83	21.86	21.81	22.5	0					
20	16QAM	1	0	21.73	21.76	21.76							
20	16QAM	1	49	21.77	21.78	21.74							
20	16QAM	1	99	21.83	21.84	21.80	22	0.5					
20	16QAM	50	0	21.80	21.83	21.81							
20	16QAM	50	24	21.75	21.75	21.80							
20	16QAM	50	50	21.73	21.87	21.80	22.5		0				
20	16QAM	100	0	21.78	21.78	21.76							
20	64QAM	1	0	21.72	21.74	21.74							
20	64QAM	1	49	21.78	21.77	21.70	22.5	0					
20	64QAM	1	99	21.71	21.74	21.82							
20	64QAM	50	0	21.62	21.73	21.74							
20	64QAM	50	24	21.68	21.72	21.78	22	0.5					
20	64QAM	50	50	21.69	21.70	21.66							
20	64QAM	100	0	21.66	21.70	21.67							
Channel				20025	20175	20325							
Frequency (MHz)				1717.5	1732.5	1747.5							
15	QPSK	1	0	21.85	21.81	21.82	22.5	0					
15	QPSK	1	37	21.75	21.85	21.63							
15	QPSK	1	74	21.66	21.77	21.61							
15	QPSK	36	0	21.77	21.80	21.79	22.5	0					
15	QPSK	36	20	21.80	21.81	21.65							
15	QPSK	36	39	21.81	21.78	21.82							
15	QPSK	75	0	21.69	21.75	21.69	22.5	0					
15	16QAM	1	0	21.62	21.65	21.64							
15	16QAM	1	37	21.70	21.76	21.63							
15	16QAM	1	74	21.74	21.80	21.67	22.5	0					
15	16QAM	36	0	21.69	21.77	21.68							
15	16QAM	36	20	21.65	21.74	21.75							
15	16QAM	36	39	21.70	21.81	21.77	22.5	0					
15	16QAM	75	0	21.76	21.71	21.75							
15	64QAM	1	0	21.61	21.62	21.61							
15	64QAM	1	37	21.66	21.69	21.62	22.5	0					
15	64QAM	1	74	21.62	21.73	21.71							
15	64QAM	36	0	21.53	21.72	21.63							
15	64QAM	36	20	21.54	21.65	21.74	22	0.5					
15	64QAM	36	39	21.62	21.64	21.64							
15	64QAM	75	0	21.60	21.62	21.60							
Channel				20000	20175	20350							
Frequency (MHz)				1715	1732.5	1750							
10	QPSK	1	0	21.76	21.85	21.84	22.5	0					
10	QPSK	1	25	21.64	21.81	21.61							
10	QPSK	1	49	21.79	21.69	21.67							
10	QPSK	25	0	21.77	21.85	21.81	22.5	0					
10	QPSK	25	12	21.75	21.78	21.57							
10	QPSK	25	25	21.78	21.79	21.68							
10	QPSK	50	0	21.82	21.84	21.77	22.5	0					
10	16QAM	1	0	21.69	21.63	21.76							
10	16QAM	1	25	21.75	21.68	21.70							
10	16QAM	1	49	21.77	21.79	21.76	22.5	0					
10	16QAM	25	0	21.70	21.80	21.68							
10	16QAM	25	12	21.67	21.61	21.70							
10	16QAM	25	25	21.71	21.72	21.76	22.5	0					
10	16QAM	50	0	21.64	21.74	21.67							
10	64QAM	1	0	21.70	21.59	21.61							
10	64QAM	1	25	21.65	21.70	21.59	22.5	0					
10	64QAM	1	49	21.61	21.73	21.80							
10	64QAM	25	0	21.58	21.62	21.68							
10	64QAM	25	12	21.58	21.64	21.72	22	0.5					
10	64QAM	25	25	21.66	21.62	21.53							
10	64QAM	50	0	21.62	21.56	21.53							
Channel				19975	20175	20375							
Frequency (MHz)				1712.5	1732.5	1752.5							
5	QPSK	1	0	21.76	21.80	21.76	22.5	0					
5	QPSK	1	12	21.70	21.73	21.66							
5	QPSK	1	24	21.76	21.72	21.60							
5	QPSK	12	0	21.76	21.74	21.77	22.5	0					
5	QPSK	12	7	21.72	21.80	21.69							
5	QPSK	12	13	21.74	21.79	21.80							
5	QPSK	25	0	21.75	21.80	21.76	22.5	0					
5	16QAM	1	0	21.62	21.63	21.65							
5	16QAM	1	12	21.62	21.75	21.66							
5	16QAM	1	24	21.70	21.79	21.74	22.5	0					
5	16QAM	12	0	21.75	21.68	21.68							
5	16QAM	12	7	21.61	21.63	21.74							
5	16QAM	12	13	21.71	21.85	21.70	22.5	0					
5	16QAM	25	0	21.75	21.74	21.63							
5	64QAM	1	0	21.64	21.59	21.61							
5	64QAM	1	12	21.76	21.74	21.66	22.5	0					
5	64QAM	1	24	21.63	21.63	21.67							
5	64QAM	12	0	21.52	21.67	21.69							
5	64QAM	12	7	21.57	21.63	21.76	22	0.5					
5	64QAM	12	13	21.58	21.56	21.53							
5	64QAM	25	0	21.56	21.66	21.59							
Channel				19950	20175	20350							
Frequency (MHz)				1711.5	1732.5	1753.5							
3	QPSK	1	0	21.80	21.75	21.82	22.5	0					
3	QPSK	1	8	21.71	21.85	21.67							
3	QPSK	1	14	21.68	21.76	21.63							
3	QPSK	8	0	21.78	21.80	21.74	22.5	0					
3	QPSK	8	4	21.70	21.73	21.64							
3	QPSK	8	7	21.81	21.75	21.78							
3	QPSK	15	0	21.71	21.80	21.68	22.5	0					
3	16QAM	1	0	21.69	21.60	21.77							
3	16QAM	1	8	21.63	21.74	21.60							
3	16QAM	1	14	21.78	21.81	21.65	22.5	0					
3	16QAM	8	0	21.72	21.69	21.73							
3	16QAM	8	4	21.67	21.72	21.77							
3	16QAM	8	7	21.58	21.78	21.76	22.5	0					
3	16QAM	15	0	21.69	21.69	21.74							
3	64QAM	1	0	21.69	21.66	21.71							
3	64QAM	1	8	21.73	21.69	21.62	22.5	0					
3	64QAM	1	14	21.59	21.62	21.80							
3	64QAM	8	0	21.50	21.61	21.67							
3	64QAM	8	4	21.53	21.61	21.64	22	0.5					
3	64QAM	8	7	21.66	21.61	21.64							
3	64QAM	15	0	21.62	21.56	21.63							
Channel				19957	20175	20393							
Frequency (MHz)				1710.7	1732.5	1754.3							
1.4	QPSK	1	0	21.73	21.79	21.75	22.5	0					
1.4	QPSK	1	3	21.71	21.77	21.63							
1.4	QPSK	1	5	21.68	21.74	21.60							
1.4	QPSK	3	0	21.79	21.86	21.80	22.5	0					
1.4	QPSK	3	1	21.76	21.77	21.62							
1.4	QPSK	3	3	21.70	21.79	21.78							
1.4	QPSK	6	0	21.73	21.74	21.75	22.5	0					
1.4	16QAM	1	0	21.70	21.72	21.66							
1.4	16QAM	1	3	21.70	21.85	21.62							
1.4	16QAM	3	0	21.75	21.83	21.68	22.5	0					
1.4	16QAM	3	0	21.72	21.66	21.70							
1.4	16QAM	3	3	21.63	21.63	21.67							
1.4	16QAM	3	3	21.63	21.84	21.66	22.5	0					
1.4	16QAM	6	0	21.77	21.75	21.70							
1.4	16QAM	1	0	21.62	21.60	21.62							
1.4	64QAM	1	3	21.75	21.68	21.70	22.5	0					
1.4	64QAM	1	5	21.62	21.65	21.76							
1.4	64QAM	3	0	21.71	21.70	21.68							
1.4	64QAM	3	1	21.71	21.80	21.62	22	0.5					
1.4	64QAM	3	1	21.68	21.69	21.77							
1.4	64QAM	6	0	21.57	21.64	21.60							
Channel				19957	20175	20393							
Frequency (MHz)				1710.7	1732.5	1754.3							

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)				820	830.5	844				
10	QPSK	1	0	21.57	21.58	21.55	22	0		
10	QPSK	1	25	21.54	21.46	21.39				
10	QPSK	1	49	21.51	21.50	21.38				
10	QPSK	25	0	21.55	21.56	21.53				
10	QPSK	25	12	21.41	21.53	21.39	22	0		
10	QPSK	25	25	21.41	21.45	21.45				
10	QPSK	50	0	21.53	21.55	21.51				
10	16QAM	1	0	21.40	21.44	21.50				
10	16QAM	1	25	21.43	21.43	21.49	22	0		
10	16QAM	1	49	21.50	21.54	21.46				
10	16QAM	25	0	21.45	21.48	21.41				
10	16QAM	25	12	21.41	21.43	21.41				
10	16QAM	25	25	21.40	21.55	21.39	22	0		
10	16QAM	50	0	21.42	21.52	21.40				
10	64QAM	1	0	21.41	21.48	21.39				
10	64QAM	1	25	21.45	21.46	21.52				
10	64QAM	1	49	21.43	21.49	21.41	22	0		
10	64QAM	25	0	21.26	21.20	21.29				
10	64QAM	25	12	21.25	21.30	21.28				
10	64QAM	25	25	21.28	21.27	21.18				
10	64QAM	50	0	21.25	21.25	21.27	22	0		
Channel				20425	20525	20625				
Frequency (MHz)				826.5	836.5	846.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	21.44	21.48	21.41	22	0		
5	QPSK	1	12	21.40	21.49	21.50				
5	QPSK	1	24	21.44	21.45	21.47				
5	QPSK	12	0	21.48	21.47	21.39				
5	QPSK	12	7	21.48	21.51	21.42	22	0		
5	QPSK	12	13	21.53	21.49	21.49				
5	QPSK	25	0	21.52	21.51	21.46				
5	16QAM	1	0	21.43	21.53	21.50				
5	16QAM	1	12	21.52	21.54	21.40	22	0		
5	16QAM	1	24	21.43	21.47	21.39				
5	16QAM	12	0	21.50	21.52	21.42				
5	16QAM	12	7	21.46	21.46	21.42				
5	16QAM	12	13	21.54	21.55	21.45	22	0		
5	16QAM	25	0	21.44	21.48	21.39				
5	64QAM	1	0	21.51	21.47	21.39				
5	64QAM	1	12	21.53	21.49	21.49				
5	64QAM	1	24	21.45	21.41	21.50	22	0		
5	64QAM	12	0	21.14	21.06	21.14				
5	64QAM	12	7	21.20	21.27	21.14				
5	64QAM	12	13	21.19	21.24	21.11				
5	64QAM	25	0	21.17	21.10	21.19	22	0		
Channel				20415	20525	20635				
Frequency (MHz)				825.5	836.5	847.5	Tune-up limit (dBm)	MPR (dB)		
3	QPSK	1	0	21.49	21.47	21.44	22	0		
3	QPSK	1	8	21.40	21.46	21.52				
3	QPSK	1	14	21.48	21.44	21.52				
3	QPSK	8	0	21.40	21.54	21.45				
3	QPSK	8	4	21.51	21.42	21.41	22	0		
3	QPSK	8	7	21.50	21.51	21.48				
3	QPSK	15	0	21.44	21.54	21.40				
3	16QAM	1	0	21.45	21.47	21.52				
3	16QAM	1	8	21.41	21.45	21.46	22	0		
3	16QAM	1	14	21.51	21.52	21.47				
3	16QAM	8	0	21.45	21.48	21.44				
3	16QAM	8	4	21.40	21.52	21.41				
3	16QAM	8	7	21.46	21.46	21.41	22	0		
3	16QAM	15	0	21.52	21.44	21.42				
3	64QAM	1	0	21.43	21.48	21.46				
3	64QAM	1	8	21.40	21.52	21.42				
3	64QAM	1	14	21.51	21.42	21.40	22	0		
3	64QAM	8	0	21.15	21.17	21.24				
3	64QAM	8	4	21.11	21.27	21.22				
3	64QAM	8	7	21.21	21.19	21.05				
3	64QAM	15	0	21.10	21.21	21.16	22	0		
Channel				20407	20525	20643				
Frequency (MHz)				824.7	836.5	848.3	Tune-up limit (dBm)	MPR (dB)		
1.4	QPSK	1	0	21.46	21.48	21.40	22	0		
1.4	QPSK	1	3	21.48	21.55	21.43				
1.4	QPSK	1	5	21.48	21.55	21.39				
1.4	QPSK	3	0	21.48	21.49	21.39				
1.4	QPSK	3	1	21.47	21.47	21.39	22	0		
1.4	QPSK	3	3	21.53	21.50	21.52				
1.4	QPSK	6	0	21.46	21.43	21.43				
1.4	16QAM	1	0	21.54	21.54	21.50				
1.4	16QAM	1	3	21.44	21.46	21.47	22	0		
1.4	16QAM	1	8	21.42	21.53	21.43				
1.4	16QAM	3	0	21.49	21.41	21.51				
1.4	16QAM	3	1	21.42	21.41	21.51				
1.4	16QAM	3	3	21.51	21.49	21.45	22	0		
1.4	16QAM	6	0	21.42	21.54	21.42				
1.4	64QAM	1	0	21.50	21.54	21.46				
1.4	64QAM	1	3	21.54	21.55	21.52				
1.4	64QAM	1	5	21.49	21.53	21.38	22	0		
1.4	64QAM	3	0	21.51	21.50	21.51				
1.4	64QAM	3	1	21.51	21.53	21.52				
1.4	64QAM	3	3	21.50	21.42	21.49				
1.4	64QAM	6	0	21.20	21.14	21.26	22	0		

Band 7_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				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	19.27	19.26	19.25	19.5	0	
20	QPSK	1	49	19.16	19.24	19.21			
20	QPSK	1	99	19.20	19.17	19.11			
20	QPSK	50	0	19.25	19.26	19.23			
20	QPSK	50	24	19.24	19.13	19.13	19.5	0	
20	QPSK	50	50	19.12	19.13	19.12			
20	QPSK	100	0	19.23	19.25	19.21			
20	16QAM	1	0	19.14	19.19	19.16			
20	16QAM	1	49	19.13	19.20	19.21	19.5	0	
20	16QAM	1	99	19.15	19.24	19.12			
20	16QAM	50	0	19.22	19.16	19.20			
20	16QAM	50	24	19.17	19.22	19.15			
20	16QAM	50	50	19.20	19.23	19.08	19.5	0	
20	16QAM	100	0	19.18	19.18	19.15			
20	64QAM	1	0	19.16	19.13	19.17	19.5	0	
20	64QAM	1	49	19.23	19.23	19.21			
20	64QAM	1	99	19.19	19.17	19.14			
20	64QAM	50	0	19.24	19.12	19.18			
20	64QAM	50	24	19.14	19.14	19.15	19.5	0	
20	64QAM	50	50	19.21	19.23	19.14			
20	64QAM	100	0	19.24	19.23	19.10			
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dbm)	MPR (db)	
15	QPSK	1	0	19.19	19.20	19.21	19.5	0	
15	QPSK	1	37	19.04	19.11	19.17			
15	QPSK	1	74	19.19	19.08	19.09			
15	QPSK	36	0	19.23	19.21	19.21			
15	QPSK	36	20	19.12	18.99	19.00	19.5	0	
15	QPSK	36	39	19.05	19.03	19.08			
15	QPSK	75	0	19.19	19.12	19.12			
15	16QAM	1	0	19.06	19.15	19.07			
15	16QAM	1	37	19.12	19.13	19.02	19.5	0	
15	16QAM	1	74	19.12	19.15	19.03			
15	16QAM	36	0	19.12	19.05	19.15			
15	16QAM	36	20	19.04	19.10	19.09			
15	16QAM	36	39	19.05	19.12	19.04	19.5	0	
15	16QAM	75	0	19.04	19.03	19.11			
15	64QAM	1	0	19.08	19.12	19.15			
15	64QAM	1	37	19.19	19.22	19.08			
15	64QAM	1	74	19.10	19.02	19.04	19.5	0	
15	64QAM	36	0	19.20	19.20	19.06			
15	64QAM	36	20	19.12	19.03	19.00			
15	64QAM	36	39	19.10	19.20	19.02			
15	64QAM	75	0	19.19	19.10	19.06			
Channel				20800	21100	21400	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	19.13	19.27	19.12	19.5	0	
10	QPSK	1	25	19.01	19.10	19.11			
10	QPSK	1	49	19.11	19.13	19.04			
10	QPSK	25	0	19.12	19.22	19.20			
10	QPSK	25	12	19.23	19.01	19.04	19.5	0	
10	QPSK	25	25	19.03	19.00	19.05			
10	QPSK	50	0	19.18	19.19	19.12			
10	16QAM	1	0	19.05	19.10	19.15			
10	16QAM	1	25	19.11	19.15	19.19	19.5	0	
10	16QAM	1	49	19.14	19.20	19.01			
10	16QAM	25	0	19.08	19.12	19.05			
10	16QAM	25	12	19.06	19.12	19.08			
10	16QAM	25	25	19.08	19.13	19.03	19.5	0	
10	16QAM	50	0	19.13	19.08	19.12			
10	64QAM	1	0	19.02	19.04	19.02			
10	64QAM	1	25	19.19	19.11	19.06			
10	64QAM	1	49	19.06	19.08	19.01	19.5	0	
10	64QAM	25	0	19.20	19.16	19.13			
10	64QAM	25	12	19.10	19.02	19.02			
10	64QAM	25	25	19.11	19.11	19.05			
10	64QAM	50	0	19.09	19.10	19.05			
Channel				20775	21100	21425	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	19.25	19.25	19.15	19.5	0	
5	QPSK	1	12	19.05	19.16	19.15			
5	QPSK	1	24	19.16	19.14	19.03			
5	QPSK	12	0	19.21	19.14	19.10			
5	QPSK	12	7	19.18	19.02	19.00	19.5	0	
5	QPSK	12	13	19.00	19.02	19.04			
5	QPSK	25	0	19.16	19.23	19.17			
5	16QAM	1	0	19.05	19.15	19.16			
5	16QAM	1	12	19.06	19.12	19.09	19.5	0	
5	16QAM	1	24	19.09	19.23	19.02			
5	16QAM	12	0	19.18	19.11	19.16			
5	16QAM	12	7	19.12	19.10	19.12			
5	16QAM	12	13	19.08	19.20	19.07	19.5	0	
5	16QAM	25	0	19.08	19.03	19.10			
5	64QAM	1	0	19.11	19.08	19.16			
5	64QAM	1	12	19.13	19.14	19.16			
5	64QAM	1	24	19.11	19.14	19.06	19.5	0	
5	64QAM	12	0	19.16	19.13	19.07			
5	64QAM	12	7	19.06	19.03	19.14			
5	64QAM	12	13	19.14	19.14	19.12			
5	64QAM	25	0	19.19	19.16	19.29			

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	21.3	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	20.47	20.45	20.45			
20	QPSK	1	49	20.37	20.36	20.33			
20	QPSK	1	99	20.38	20.33	20.33	21.3	0	
20	QPSK	50	0	20.45	20.46	20.43			
20	QPSK	50	24	20.43	20.35	20.41			
20	QPSK	50	50	20.33	20.40	20.34			
20	QPSK	100	0	20.41	20.43	20.40	21.3	0	
20	16QAM	1	0	20.35	20.36	20.42			
20	16QAM	1	49	20.39	20.38	20.41			
20	16QAM	1	99	20.33	20.31	20.31			
20	16QAM	50	0	20.33	20.36	20.39	21.3	0	
20	16QAM	50	24	20.34	20.40	20.35			
20	16QAM	50	50	20.42	20.42	20.28			
20	16QAM	100	0	20.44	20.33	20.28			
20	64QAM	1	0	20.42	20.37	20.38	21.3	0	
20	64QAM	1	49	20.32	20.34	20.40			
20	64QAM	1	99	20.37	20.39	20.29			
20	64QAM	50	0	20.41	20.31	20.42			
20	64QAM	50	24	20.34	20.42	20.42	20.8	0.5	
20	64QAM	50	50	20.37	20.31	20.39			
20	64QAM	100	0	20.30	20.42	20.37			
Channel				20825	21100	21315	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	21.3	0	
15	QPSK	1	0	20.36	20.33	20.33			
15	QPSK	1	37	20.26	20.27	20.22			
15	QPSK	1	74	20.25	20.19	20.32			
15	QPSK	36	0	20.40	20.41	20.41	21.3	0	
15	QPSK	36	20	20.30	20.21	20.29			
15	QPSK	36	39	20.29	20.26	20.24			
15	QPSK	75	0	20.28	20.39	20.39			
15	16QAM	1	0	20.24	20.29	20.31	21.3	0	
15	16QAM	1	37	20.30	20.26	20.36			
15	16QAM	1	74	20.31	20.16	20.19			
15	16QAM	36	0	20.21	20.23	20.33			
15	16QAM	36	20	20.20	20.33	20.31	21.3	0	
15	16QAM	36	39	20.28	20.30	20.26			
15	16QAM	75	0	20.30	20.27	20.14			
15	64QAM	1	0	20.39	20.24	20.29			
15	64QAM	1	37	20.30	20.20	20.32	21.3	0	
15	64QAM	1	74	20.28	20.32	20.16			
15	64QAM	36	0	20.27	20.17	20.38			
15	64QAM	36	20	20.28	20.35	20.32			
15	64QAM	36	39	20.27	20.21	20.26	20.8	0.5	
15	64QAM	75	0	20.15	20.31	20.35			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	21.3 <th colspan="2" rowspan="4">0</th>	0	
10	QPSK	1	0	20.38	20.42	20.39			
10	QPSK	1	25	20.23	20.24	20.20			
10	QPSK	1	49	20.32	20.31	20.31			
10	QPSK	25	0	20.31	20.35	20.38	21.3	0	
10	QPSK	25	12	20.38	20.32	20.37			
10	QPSK	25	25	20.24	20.25	20.29			
10	QPSK	50	0	20.32	20.31	20.29			
10	16QAM	1	0	20.28	20.28	20.35	21.3	0	
10	16QAM	1	25	20.37	20.30	20.36			
10	16QAM	1	49	20.19	20.18	20.29			
10	16QAM	25	0	20.23	20.29	20.27			
10	16QAM	25	12	20.22	20.29	20.32	21.3	0	
10	16QAM	25	25	20.30	20.32	20.15			
10	16QAM	50	0	20.36	20.30	20.21			
10	64QAM	1	0	20.27	20.29	20.30			
10	64QAM	1	25	20.21	20.19	20.29	21.3	0	
10	64QAM	1	49	20.27	20.31	20.14			
10	64QAM	25	0	20.36	20.16	20.28			
10	64QAM	25	12	20.26	20.35	20.30			
10	64QAM	25	25	20.22	20.21	20.26	20.8	0.5	
10	64QAM	50	0	20.15	20.39	20.23			
Channel				20715	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	21.3 <th colspan="2" rowspan="4">0</th>	0	
5	QPSK	1	0	20.35	20.34	20.39			
5	QPSK	1	12	20.30	20.23	20.26			
5	QPSK	1	24	20.24	20.24	20.25			
5	QPSK	12	0	20.40	20.36	20.36	21.3	0	
5	QPSK	12	7	20.28	20.33	20.35			
5	QPSK	12	13	20.32	20.35	20.32			
5	QPSK	25	0	20.28	20.32	20.27			
5	16QAM	1	0	20.26	20.24	20.29	21.3	0	
5	16QAM	1	12	20.38	20.36	20.31			
5	16QAM	1	24	20.26	20.21	20.28			
5	16QAM	12	0	20.22	20.33	20.31			
5	16QAM	12	7	20.31	20.33	20.29	21.3	0	
5	16QAM	12	13	20.36	20.34	20.26			
5	16QAM	25	0	20.42	20.31	20.23			
5	64QAM	1	0	20.28	20.33	20.26			
5	64QAM	1	12	20.25	20.33	20.34	21.3	0	
5	64QAM	1	24	20.25	20.30	20.28			
5	64QAM	12	0	20.31	20.22	20.39			
5	64QAM	12	7	20.19	20.30	20.36			
5	64QAM	12	13	20.25	20.20	20.33	20.8	0.5	
5	64QAM	25	0	20.25	20.40	20.26			

Band 12_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130				
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	24.26	24.28	24.25	25	0		
10	QPSK	1	25	24.09	24.13	24.17				
10	QPSK	1	49	24.22	24.25	24.24				
10	QPSK	25	0	23.25	23.26	23.23				
10	QPSK	25	12	23.23	23.19	23.20	24	1		
10	QPSK	25	25	23.24	23.24	23.21				
10	QPSK	50	0	23.20	23.21	23.19				
10	16QAM	1	0	23.36	23.47	23.47				
10	16QAM	1	25	23.49	23.46	23.46	24	1		
10	16QAM	1	49	23.53	23.52	23.46				
10	16QAM	25	0	22.11	22.12	22.15				
10	16QAM	25	12	22.16	22.16	22.19				
10	16QAM	25	25	22.20	22.19	22.19	23	2		
10	16QAM	50	0	22.19	22.19	22.18				
10	64QAM	1	0	22.22	22.32	22.28				
10	64QAM	1	25	22.34	22.37	22.35				
10	64QAM	1	49	22.36	22.43	22.36	23	2		
10	64QAM	25	0	21.11	21.12	21.13				
10	64QAM	25	12	21.16	21.17	21.18				
10	64QAM	25	25	21.18	21.20	21.17				
10	64QAM	50	0	21.14	21.15	21.15	22	3		
Channel				23035	23095	23155				
Frequency (MHz)				701.5	707.5	713.5				
5	QPSK	1	0	24.20	24.21	24.10	25	0		
5	QPSK	1	12	23.95	24.00	24.09				
5	QPSK	1	24	24.19	24.15	24.10				
5	QPSK	12	0	23.17	23.20	23.12				
5	QPSK	12	7	23.15	23.14	23.08	24	1		
5	QPSK	12	13	23.19	23.16	23.16				
5	QPSK	25	0	23.16	23.15	23.12				
5	16QAM	1	0	23.26	23.43	23.41				
5	16QAM	1	12	23.39	23.37	23.31	24	1		
5	16QAM	1	24	23.41	23.39	23.36				
5	16QAM	12	0	22.06	22.04	22.01				
5	16QAM	12	7	22.07	22.11	22.16				
5	16QAM	12	13	22.10	22.07	22.07	23	2		
5	16QAM	25	0	22.16	22.07	22.13				
5	64QAM	1	0	22.15	22.19	22.22				
5	64QAM	1	12	22.21	22.35	22.20				
5	64QAM	1	24	22.34	22.42	22.28	23	2		
5	64QAM	12	0	20.98	21.08	21.04				
5	64QAM	12	7	21.10	21.04	21.13				
5	64QAM	12	13	21.16	21.05	21.14				
5	64QAM	25	0	21.01	21.07	21.13	22	3		
Channel				23025	23095	23165				
Frequency (MHz)				700.5	707.5	714.5				
3	QPSK	1	0	24.16	24.17	24.16	25	0		
3	QPSK	1	8	24.01	24.12	24.04				
3	QPSK	1	14	24.08	24.19	24.09				
3	QPSK	8	0	23.20	23.25	23.10				
3	QPSK	8	4	23.21	23.04	23.16	24	1		
3	QPSK	8	7	23.13	23.18	23.19				
3	QPSK	15	0	23.10	23.19	23.09				
3	16QAM	1	0	23.26	23.32	23.40				
3	16QAM	1	8	23.45	23.44	23.30	24	1		
3	16QAM	1	14	23.47	23.50	23.36				
3	16QAM	8	0	21.98	22.00	22.07				
3	16QAM	8	4	22.09	22.15	22.08				
3	16QAM	8	7	22.05	22.17	22.09	23	2		
3	16QAM	15	0	22.05	22.18	22.03				
3	64QAM	1	0	22.14	22.27	22.18				
3	64QAM	1	8	22.26	22.29	22.23				
3	64QAM	1	14	22.24	22.34	22.21	23	2		
3	64QAM	8	0	21.09	21.07	21.10				
3	64QAM	8	4	21.02	21.02	21.14				
3	64QAM	8	7	21.11	21.16	21.12				
3	64QAM	15	0	21.07	21.02	21.00	22	3		
Channel				23017	23095	23173				
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	24.21	24.24	24.10	25	0		
1.4	QPSK	1	3	24.06	24.08	24.14				
1.4	QPSK	1	5	24.08	24.23	24.10				
1.4	QPSK	3	0	24.25	24.25	24.10				
1.4	QPSK	3	1	23.95	23.98	24.13	24	1		
1.4	QPSK	3	3	24.17	24.23	24.19				
1.4	QPSK	6	0	23.20	23.12	23.13				
1.4	16QAM	1	0	23.14	23.15	23.07				
1.4	16QAM	1	3	23.22	23.16	23.09	24	1		
1.4	16QAM	1	5	23.09	23.12	23.12				
1.4	16QAM	3	0	23.28	23.39	23.43				
1.4	16QAM	3	1	23.45	23.37	23.37				
1.4	16QAM	3	3	23.42	23.42	23.45	23	2		
1.4	16QAM	6	0	22.07	22.07	22.00				
1.4	64QAM	1	0	22.03	22.02	22.08				
1.4	64QAM	1	3	22.11	22.06	22.08				
1.4	64QAM	1	5	22.07	22.16	22.05	23	2		
1.4	64QAM	3	0	22.17	22.29	22.26				
1.4	64QAM	3	1	22.33	22.29	22.23				
1.4	64QAM	3	3	22.28	22.34	22.22				
1.4	64QAM	6	0	21.01	21.08	21.10	22	3		

Band 12_Ant 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				23060	23095	23130						
Frequency (MHz)				704	707.5	711						
10	QPSK	1	0	24.43	24.50	24.41	25	0				
10	QPSK	1	25	24.21	24.30	24.30						
10	QPSK	1	49	24.38	24.41	24.38						
10	QPSK	25	0	23.41	23.43	23.40						
10	QPSK	25	12	23.31	23.30	23.34	24	1				
10	QPSK	25	25	23.34	23.35	23.35						
10	QPSK	50	0	23.33	23.40	23.33						
10	16QAM	1	0	23.50	23.52	23.58						
10	16QAM	1	25	23.53	23.52	23.59	24	1				
10	16QAM	1	49	23.60	23.65	23.63						
10	16QAM	25	0	22.25	22.23	22.28						
10	16QAM	25	12	22.31	22.29	22.31						
10	16QAM	25	25	22.33	22.34	22.34	23	2				
10	16QAM	50	0	22.32	22.29	22.31						
10	64QAM	1	0	22.36	22.37	22.42						
10	64QAM	1	25	22.46	22.45	22.49						
10	64QAM	1	49	22.52	22.52	22.56	23	2				
10	64QAM	25	0	21.23	21.24	21.27						
10	64QAM	25	12	21.30	21.29	21.32	22	3				
10	64QAM	25	25	21.32	21.31	21.32						
10	64QAM	50	0	21.28	21.27	21.30						
Channel				23035	23095	23155			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				701.5	713.5	713.5						
5	QPSK	1	0	24.31	24.33	24.27	25	0				
5	QPSK	1	12	24.16	24.21	24.40						
5	QPSK	1	24	24.29	24.35	24.34						
5	QPSK	12	0	23.31	23.40	23.34						
5	QPSK	12	7	23.25	23.29	23.26	24	1				
5	QPSK	12	13	23.33	23.31	23.22						
5	QPSK	25	0	23.22	22.26	23.19						
5	16QAM	1	0	23.37	23.37	23.46						
5	16QAM	1	12	23.41	23.42	23.46	24	1				
5	16QAM	1	24	23.54	23.57	23.62						
5	16QAM	12	0	22.21	22.17	22.17						
5	16QAM	12	7	22.22	22.17	22.28						
5	16QAM	12	13	22.29	22.20	22.25	23	2				
5	16QAM	25	0	22.28	22.14	22.23						
5	64QAM	1	0	22.30	22.30	22.38						
5	64QAM	1	12	22.31	22.31	22.36						
5	64QAM	1	24	22.45	22.45	22.46	23	2				
5	64QAM	12	0	21.15	21.22	21.22						
5	64QAM	12	7	21.25	21.24	21.27						
5	64QAM	12	13	21.24	21.28	21.27						
5	64QAM	25	0	21.21	21.17	21.26	22	3				
Channel				23025	23095	23165			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				700.5	707.5	714.5						
3	QPSK	1	0	24.29	24.37	24.30			25	0		
3	QPSK	1	8	24.16	24.21	24.27						
3	QPSK	1	14	24.20	24.31	24.30						
3	QPSK	8	0	23.33	23.38	23.32						
3	QPSK	8	4	23.27	23.24	23.25	24	1				
3	QPSK	8	7	23.25	23.28	23.30						
3	QPSK	15	0	23.28	23.33	23.18						
3	16QAM	1	0	23.36	23.45	23.49						
3	16QAM	1	8	23.47	23.50	23.57	24	1				
3	16QAM	1	14	23.48	23.55	23.53						
3	16QAM	8	0	22.23	22.11	22.14						
3	16QAM	8	5	22.26	22.16	22.30						
3	16QAM	8	7	22.20	22.20	22.32	23	2				
3	16QAM	15	0	22.17	22.24	22.27						
3	64QAM	1	0	22.26	22.25	22.37						
3	64QAM	1	8	22.32	22.35	22.36						
3	64QAM	1	14	22.42	22.46	22.53	23	2				
3	64QAM	8	0	21.21	21.14	21.21						
3	64QAM	8	4	21.18	21.27	21.18						
3	64QAM	8	7	21.17	21.16	21.18						
3	64QAM	15	0	21.16	21.17	21.27	22	3				
Channel				23017	23095	23173			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				699.7	707.5	715.3						
1.4	QPSK	1	0	24.34	24.30	24.34			25	0		
1.4	QPSK	1	3	24.13	24.20	24.20						
1.4	QPSK	1	5	24.22	24.32	24.31						
1.4	QPSK	3	0	24.35	24.32	24.30						
1.4	QPSK	3	1	24.20	24.18	24.18	24	1				
1.4	QPSK	3	3	24.25	24.37	24.27						
1.4	QPSK	6	0	23.36	23.42	23.32						
1.4	16QAM	1	0	23.19	23.25	23.25						
1.4	16QAM	1	3	23.30	23.25	23.23	24	1				
1.4	16QAM	1	5	23.25	23.25	23.32						
1.4	16QAM	3	0	23.40	23.51	23.44						
1.4	16QAM	3	1	23.52	23.49	23.57						
1.4	16QAM	3	3	23.48	23.56	23.61	23	2				
1.4	16QAM	6	0	22.10	22.14	22.14						
1.4	64QAM	1	0	22.23	22.17	22.29						
1.4	64QAM	1	3	22.20	22.21	22.27						
1.4	64QAM	1	5	22.18	22.25	22.19	23	2				
1.4	64QAM	3	0	22.45	22.35	22.39						
1.4	64QAM	3	1	22.45	22.45	22.34						
1.4	64QAM	3	3	22.49	22.50	22.53						
1.4	64QAM	6	0	21.09	21.10	21.25	22	3				

Band 13_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23230			782	22.5	0
Frequency (MHz)									
10	QPSK	1	0		22.25		22.5	0	
10	QPSK	1	25		22.19				
10	QPSK	1	49		22.13				
10	QPSK	25	0		22.23				
10	QPSK	25	12		22.21				
10	QPSK	25	25		22.14		22.5	0	
10	QPSK	50	0		22.21				
10	16QAM	1	0		22.13				
10	16QAM	1	25		22.09				
10	16QAM	1	49		22.12				
10	16QAM	25	0		22.20		22.5	0	
10	16QAM	25	12		22.11				
10	16QAM	25	25		22.21				
10	16QAM	50	0		22.17				
10	64QAM	1	0		22.10				
10	64QAM	1	25		22.18		22.5	0	
10	64QAM	1	49		22.08				
10	64QAM	25	0		21.56				
10	64QAM	25	12		21.56				
10	64QAM	25	25		21.59				
10	64QAM	50	0		21.60		22	0.5	
Channel				23205					
Frequency (MHz)				779.5 782 784.5			Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.23	22.22	22.11			
5	QPSK	1	12	22.06	22.11	22.08	22.5	0	
5	QPSK	1	24	21.98	22.07	22.02			
5	QPSK	12	0	22.19	22.21	22.18			
5	QPSK	12	7	22.11	22.20	22.18			
5	QPSK	12	13	22.10	22.04	22.09			
5	QPSK	25	0	22.20	22.15	22.12	22.5	0	
5	16QAM	1	0	22.08	22.09	22.04			
5	16QAM	1	12	21.94	21.99	22.04			
5	16QAM	1	24	22.02	22.05	22.00			
5	16QAM	12	0	22.11	22.11	22.08			
5	16QAM	12	7	22.02	22.07	22.00	22.5	0	
5	16QAM	12	13	22.17	22.14	22.09			
5	16QAM	25	0	22.12	22.15	22.06			
5	64QAM	1	0	22.00	22.03	22.00			
5	64QAM	1	12	22.06	22.06	22.06			
5	64QAM	1	24	21.94	21.93	21.99	22.5	0	
5	64QAM	12	0	21.54	21.50	21.52			
5	64QAM	12	7	21.52	21.43	21.42			
5	64QAM	12	13	21.56	21.48	21.55			
5	64QAM	25	0	21.48	21.55	21.49			

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	24.23	24.25	24.21	25	0	
10	QPSK	1	25	24.14	24.20	24.18			
10	QPSK	1	49	24.20	24.24	24.16			
10	QPSK	25	0	23.35	23.27	23.23			
10	QPSK	25	12	23.24	23.22	23.21			
10	QPSK	25	25	23.21	23.25	23.18	24	1	
10	QPSK	50	0	23.23	23.25	23.22			
10	16QAM	1	0	23.51	23.46	23.47			
10	16QAM	1	25	23.49	23.45	23.46			
10	16QAM	1	49	23.46	23.55	23.46			
10	16QAM	25	0	22.18	22.17	22.19	23	2	
10	16QAM	25	12	22.21	22.19	22.20			
10	16QAM	25	25	22.25	22.21	22.22			
10	16QAM	50	0	22.22	22.21	22.21			
10	64QAM	1	0	22.38	22.33	22.34			
10	64QAM	1	25	22.41	22.42	22.38	23	2	
10	64QAM	1	49	22.33	22.40	22.43			
10	64QAM	25	0	21.17	21.16	21.17			
10	64QAM	25	12	21.21	21.19	21.21			
10	64QAM	25	25	21.24	21.21	21.21			
10	64QAM	50	0	21.18	21.18	21.18	22	3	
Channel				23785	23790	23825			
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	24.14	24.17	24.09	25	0	
5	QPSK	1	12	23.99	24.12	24.13			
5	QPSK	1	24	24.12	24.12	24.11			
5	QPSK	12	0	23.15	23.26	23.22			
5	QPSK	12	7	23.10	23.08	23.20			
5	QPSK	12	13	23.09	23.23	23.15	24	1	
5	QPSK	25	0	23.17	23.12	23.07			
5	16QAM	1	0	23.45	23.39	23.39			
5	16QAM	1	12	23.44	23.36	23.37			
5	16QAM	1	24	23.41	23.48	23.39			
5	16QAM	12	0	22.08	22.10	22.12	23	2	
5	16QAM	12	7	22.07	22.16	22.10			
5	16QAM	12	13	22.19	22.11	22.11			
5	16QAM	25	0	22.10	22.20	22.20			
5	64QAM	1	0	22.23	22.18	22.22			
5	64QAM	1	12	22.34	22.35	22.29	23	2	
5	64QAM	1	24	22.30	22.35	22.37			
5	64QAM	12	0	21.05	21.04	21.16			
5	64QAM	12	7	21.06	21.07	21.06			
5	64QAM	12	13	21.11	21.15	21.16			
5	64QAM	25	0	21.16	21.09	21.06	22	3	

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	709	710	711
Frequency (MHz)									
10	QPSK	1	0	24.45	24.48	24.43	25	0	
10	QPSK	1	25	24.30	24.37	24.36			
10	QPSK	1	49	24.38	24.44	24.40			
10	QPSK	25	0	23.43	23.46	23.41			
10	QPSK	25	12	23.36	23.36	23.37			
10	QPSK	25	25	23.42	23.39	23.40	24	1	
10	QPSK	50	0	23.38	23.45	23.37			
10	16QAM	1	0	23.57	23.60	23.64			
10	16QAM	1	25	23.67	23.61	23.60			
10	16QAM	1	49	23.57	23.68	23.63			
10	16QAM	25	0	22.33	22.29	22.31	23	2	
10	16QAM	25	12	22.34	22.33	22.35			
10	16QAM	25	25	22.40	22.37	22.38			
10	16QAM	50	0	22.37	22.35	22.35			
10	64QAM	1	0	22.46	22.45	22.47			
10	64QAM	1	25	22.48	22.51	22.52	23	2	
10	64QAM	1	49	22.53	22.54	22.54			
10	64QAM	25	0	21.29	21.28	21.31			
10	64QAM	25	12	21.33	21.32	21.32			
10	64QAM	25	25	21.37	21.37	21.37			
10	64QAM	50	0	21.33	21.33	21.33	22	3	
Channel				23755	23790	23825			
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	24.34	24.42	24.38	25	0	
5	QPSK	1	12	24.18	24.34	24.26			
5	QPSK	1	24	24.29	24.43	24.34			
5	QPSK	12	0	23.29	23.31	23.36			
5	QPSK	12	7	23.34	23.30	23.24			
5	QPSK	12	13	23.29	23.24	23.39	24	1	
5	QPSK	25	0	23.34	23.44	23.32			
5	16QAM	1	0	23.48	23.51	23.57			
5	16QAM	1	12	23.66	23.58	23.53			
5	16QAM	1	24	23.49	23.56	23.51			
5	16QAM	12	0	22.22	22.24	22.20	23	2	
5	16QAM	12	7	22.29	22.25	22.24			
5	16QAM	12	13	22.31	22.26	22.35			
5	16QAM	25	0	22.31	22.33	22.22			
5	64QAM	1	0	22.45	22.32	22.43			
5	64QAM	1	12	22.43	22.36	22.46	23	2	
5	64QAM	1	24	22.47	22.42	22.46			
5	64QAM	12	0	21.14	21.19	21.29			
5	64QAM	12	7	21.20	21.26	21.17			
5	64QAM	12	13	21.36	21.26	21.32			
5	64QAM	25	0	21.31	21.31	21.30	22	3	

Band 26_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	24.36	24.36	24.35	25	0	
15	QPSK	1	37	24.24	24.35	24.27			
15	QPSK	1	74	24.28	24.21	24.26			
15	QPSK	36	0	23.33	23.35	23.31	24	1	
15	QPSK	36	20	23.21	23.18	23.16			
15	QPSK	36	39	23.21	23.19	23.16			
15	QPSK	75	0	23.24	23.31	23.22	24	1	
15	16QAM	1	0	23.48	23.51	23.51			
15	16QAM	1	37	23.53	23.59	23.50			
15	16QAM	1	74	23.57	23.48	23.50	23	2	
15	16QAM	36	0	22.25	22.21	22.26			
15	16QAM	36	20	22.27	22.25	22.28			
15	16QAM	36	39	22.24	22.26	22.21	23	2	
15	16QAM	75	0	22.31	22.23	22.27			
15	64QAM	1	0	22.46	22.44	22.42	23	2	
15	64QAM	1	37	22.46	22.40	22.47			
15	64QAM	1	74	22.36	22.43	22.33			
15	64QAM	36	0	21.23	21.23	21.26	22	3	
15	64QAM	36	20	21.28	21.27	21.30			
15	64QAM	36	39	21.28	21.25	21.22			
15	64QAM	75	0	21.25	21.22	21.25	Tune-up limit (dBm)		MPR (dB)
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	24.26	24.33	24.30	25	0	
10	QPSK	1	25	24.17	24.25	24.20			
10	QPSK	1	49	24.17	24.13	24.13			
10	QPSK	25	0	23.30	23.23	23.28	24	1	
10	QPSK	25	12	23.17	23.17	23.11			
10	QPSK	25	25	23.17	23.17	23.01			
10	QPSK	50	0	23.16	23.25	23.20	24	1	
10	16QAM	1	0	23.38	23.38	23.50			
10	16QAM	1	25	23.49	23.48	23.37			
10	16QAM	1	49	23.53	23.45	23.44	23	2	
10	16QAM	25	0	22.15	22.20	22.14			
10	16QAM	25	12	22.20	22.21	22.20			
10	16QAM	25	25	22.15	22.20	22.18	23	2	
10	64QAM	1	0	22.37	22.36	22.25			
10	64QAM	1	25	22.36	22.26	22.36			
10	64QAM	1	49	22.35	22.28	22.31	22	3	
10	64QAM	25	0	21.10	21.12	21.23			
10	64QAM	25	12	21.13	21.12	21.25			
10	64QAM	25	25	21.20	21.17	21.11	Tune-up limit (dBm)		MPR (dB)
10	64QAM	50	0	21.22	21.15	21.12			
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	24.22	24.34	24.30	25	0	
5	QPSK	1	12	24.13	24.31	24.21			
5	QPSK	1	24	24.13	24.18	24.14			
5	QPSK	12	0	23.28	23.24	23.22	24	1	
5	QPSK	12	7	23.12	23.04	23.05			
5	QPSK	12	13	23.15	23.15	23.13			
5	QPSK	25	0	23.22	23.23	23.18	24	1	
5	16QAM	1	0	23.37	23.38	23.37			
5	16QAM	1	12	23.49	23.50	23.39			
5	16QAM	1	24	23.49	23.41	23.49	23	2	
5	16QAM	12	0	22.14	22.17	22.14			
5	16QAM	12	7	22.26	22.21	22.24			
5	16QAM	12	13	22.14	22.19	22.16	23	2	
5	16QAM	25	0	22.16	22.19	22.25			
5	64QAM	1	0	22.35	22.33	22.28			
5	64QAM	1	12	22.37	22.38	22.37	23	2	
5	64QAM	1	24	22.28	22.32	22.19			
5	64QAM	12	0	21.09	21.17	21.17			
5	64QAM	12	7	21.13	21.17	21.25	22	3	
5	64QAM	12	13	21.17	21.18	21.09			
5	64QAM	25	0	21.20	21.09	21.21			
Channel				26705	26865	27025		Tune-up limit (dBm) MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	24.26	24.28	24.31	25	0	
3	QPSK	1	8	24.23	24.22	24.16			
3	QPSK	1	14	24.16	24.11	24.21			
3	QPSK	8	0	23.19	23.24	23.26	24	1	
3	QPSK	8	4	23.10	23.17	23.08			
3	QPSK	8	7	23.18	23.11	23.06			
3	QPSK	15	0	23.13	23.30	23.19	24	1	
3	16QAM	1	0	23.36	23.43	23.38			
3	16QAM	1	8	23.43	23.45	23.45			
3	16QAM	1	14	23.50	23.43	23.36	23	2	
3	16QAM	8	0	22.18	22.18	22.21			
3	16QAM	8	4	22.23	22.16	22.27			
3	16QAM	8	7	22.13	22.13	22.13	23	2	
3	16QAM	15	0	22.30	22.21	22.25			
3	64QAM	1	0	22.36	22.35	22.26			
3	64QAM	1	8	22.40	22.33	22.41	23	2	
3	64QAM	1	14	22.26	22.41	22.21			
3	64QAM	8	0	21.11	21.22	21.20			
3	64QAM	8	4	21.14	21.23	21.27	22	3	
3	64QAM	8	7	21.17	21.12	21.12			
3	64QAM	15	0	21.10	21.11	21.22			
Channel				26697	26865	27033		Tune-up limit (dBm) MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	24.22	24.25	24.34	25	0	
1.4	QPSK	1	3	24.23	24.27	24.15			
1.4	QPSK	1	5	24.27	24.20	24.22			
1.4	QPSK	3	0	24.21	24.28	24.28	24	1	
1.4	QPSK	3	1	24.19	24.31	24.13			
1.4	QPSK	3	3	24.24	24.09	24.15			
1.4	QPSK	6	0	23.22	23.26	23.26	24	1	
1.4	16QAM	1	0	23.18	23.12	23.01			
1.4	16QAM	1	3	23.15	23.05	23.05			
1.4	16QAM	1	5	23.19	23.27	23.14	24	1	
1.4	16QAM	3	0	23.42	23.40	23.37			
1.4	16QAM	3	1	23.43	23.57	23.40			
1.4	16QAM	3	3	23.47	23.36	23.48	23	2	
1.4	16QAM	6	0	22.15	22.17	22.24			
1.4	64QAM	1	0	22.22	22.11	22.27			
1.4	64QAM	1	3	22.12	22.17	22.14	23	2	
1.4	64QAM	1	5	22.30	22.14	22.25			
1.4	64QAM	3	0	22.39	22.33	22.36			
1.4	64QAM	3	1	22.45	22.32	22.40	22	3	
1.4	64QAM	3	3	22.27	22.31	22.22			
1.4	64QAM	6	0	21.13	21.11	21.23			

Band 26_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	21.51	21.53	21.50	22	0	
15	QPSK	1	37	21.46	21.46	21.41			
15	QPSK	1	74	21.38	21.50	21.45			
15	QPSK	36	0	21.50	21.51	21.48	22	0	
15	QPSK	36	20	21.42	21.39	21.46			
15	QPSK	36	39	21.35	21.38	21.45			
15	QPSK	75	0	21.47	21.48	21.45	22	0	
15	16QAM	1	0	21.46	21.48	21.41			
15	16QAM	1	37	21.38	21.44	21.35			
15	16QAM	1	74	21.44	21.49	21.38	22	0	
15	16QAM	36	0	21.38	21.49	21.37			
15	16QAM	36	20	21.39	21.50	21.40			
15	16QAM	36	39	21.44	21.50	21.44	22	0	
15	16QAM	75	0	21.49	21.44	21.40			
15	64QAM	1	0	21.37	21.42	21.45			
15	64QAM	1	37	21.39	21.44	21.46	22	0	
15	64QAM	1	74	21.47	21.49	21.45			
15	64QAM	36	0	21.33	21.23	21.28			
15	64QAM	36	20	21.30	21.24	21.28	22	0	
15	64QAM	36	39	21.30	21.25	21.23			
15	64QAM	75	0	21.31	21.22	21.26			
Channel				26760	26865	26960	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	21.43	21.51	21.36	22	0	
10	QPSK	1	25	21.33	21.38	21.38			
10	QPSK	1	49	21.29	21.49	21.31			
10	QPSK	25	0	21.45	21.44	21.41	22	0	
10	QPSK	25	12	21.29	21.37	21.32			
10	QPSK	25	25	21.33	21.35	21.36			
10	QPSK	50	0	21.44	21.47	21.31	22	0	
10	16QAM	1	0	21.22	21.33	21.26			
10	16QAM	1	25	21.34	21.42	21.20			
10	16QAM	1	49	21.34	21.43	21.32	22	0	
10	16QAM	25	0	21.23	21.41	21.35			
10	16QAM	25	12	21.37	21.36	21.37			
10	16QAM	25	25	21.42	21.47	21.39	22	0	
10	16QAM	50	0	21.48	21.34	21.37			
10	64QAM	1	0	21.24	21.29	21.42			
10	64QAM	1	25	21.31	21.38	21.38	22	0	
10	64QAM	1	49	21.36	21.34	21.34			
10	64QAM	25	0	21.26	21.08	21.15			
10	64QAM	25	12	21.27	21.11	21.22	22	0	
10	64QAM	25	25	21.16	21.17	21.18			
10	64QAM	50	0	21.10	21.21	21.24			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
8	QPSK	1	0	21.36	21.40	21.36	22	0	
8	QPSK	1	12	21.38	21.45	21.31			
8	QPSK	1	24	21.27	21.36	21.40			
5	QPSK	12	0	21.39	21.49	21.47	22	0	
5	QPSK	12	7	21.28	21.32	21.37			
5	QPSK	12	13	21.20	21.28	21.30			
5	QPSK	25	0	21.45	21.40	21.41	22	0	
5	16QAM	1	0	21.24	21.43	21.28			
5	16QAM	1	12	21.26	21.24	21.30			
5	16QAM	1	24	21.21	21.48	21.36	22	0	
5	16QAM	12	0	21.24	21.39	21.24			
5	16QAM	12	7	21.29	21.42	21.32			
5	16QAM	12	13	21.35	21.45	21.32	22	0	
5	16QAM	25	0	21.37	21.37	21.27			
5	64QAM	1	0	21.35	21.33	21.32			
5	64QAM	1	12	21.35	21.39	21.37	22	0	
5	64QAM	1	24	21.34	21.38	21.40			
5	64QAM	12	0	21.27	21.09	21.18			
5	64QAM	12	7	21.20	21.18	21.22	22	0	
5	64QAM	12	13	21.22	21.17	21.27			
5	64QAM	25	0	21.29	21.13	21.24			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	21.47	21.48	21.46	22	0	
3	QPSK	1	8	21.37	21.36	21.38			
3	QPSK	1	14	21.25	21.44	21.40			
3	QPSK	8	0	21.41	21.48	21.34	22	0	
3	QPSK	8	4	21.27	21.27	21.33			
3	QPSK	8	7	21.37	21.33	21.41			
3	QPSK	15	0	21.39	21.41	21.38	22	0	
3	16QAM	1	0	21.30	21.38	21.40			
3	16QAM	1	8	21.25	21.42	21.21			
3	16QAM	1	14	21.34	21.43	21.28	22	0	
3	16QAM	8	0	21.31	21.34	21.25			
3	16QAM	8	4	21.32	21.37	21.32			
3	16QAM	8	7	21.36	21.37	21.36	22	0	
3	16QAM	15	0	21.38	21.39	21.38			
3	64QAM	1	0	21.25	21.30	21.35			
3	64QAM	1	8	21.35	21.29	21.32	22	0	
3	64QAM	1	14	21.40	21.35	21.30			
3	64QAM	8	0	21.19	21.17	21.16			
3	64QAM	8	4	21.19	21.17	21.15	22	0	
3	64QAM	8	7	21.17	21.18	21.18			
3	64QAM	15	0	21.21	21.10	21.21			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	21.50	21.43	21.49	22	0	
1.4	QPSK	1	3	21.37	21.43	21.31			
1.4	QPSK	1	5	21.29	21.45	21.37			
1.4	QPSK	3	0	21.48	21.48	21.45	22	0	
1.4	QPSK	3	1	21.33	21.35	21.38			
1.4	QPSK	3	3	21.24	21.32	21.31			
1.4	QPSK	6	0	21.42	21.46	21.35	22	0	
1.4	16QAM	1	0	21.23	21.39	21.31			
1.4	16QAM	1	3	21.29	21.33	21.32			
1.4	16QAM	1	5	21.32	21.29	21.36	22	0	
1.4	16QAM	3	0	21.35	21.42	21.27			
1.4	16QAM	3	1	21.37	21.40	21.38			
1.4	16QAM	3	3	21.39	21.43	21.33	22	0	
1.4	16QAM	6	0	21.41	21.33	21.35			
1.4	64QAM	1	0	21.26	21.31	21.34			
1.4	64QAM	1	3	21.28	21.33	21.41	22	0	
1.4	64QAM	1	5	21.33	21.48	21.40			
1.4	64QAM	3	0	21.30	21.20	21.21			
1.4	64QAM	3	1	21.30	21.29	21.18	22	0	
1.4	64QAM	3	3	21.25	21.14	21.19			
1.4	64QAM	6	0	21.27	21.20	21.14			

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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				132072	132322	132572						
Frequency (MHz)				1720	1745	1770						
20	QPSK	1	0	21.23	21.25	21.21	21.5	0				
20	QPSK	1	49	21.07	21.16	21.10						
20	QPSK	1	99	21.16	21.09	21.10						
20	QPSK	50	0	21.21	21.23	21.20						
20	QPSK	50	24	21.17	21.14	21.09	21.5	0				
20	QPSK	50	50	21.06	21.10	21.11						
20	QPSK	100	0	21.20	21.21	21.18						
20	16QAM	1	0	21.08	21.10	21.12						
20	16QAM	1	49	21.10	21.16	21.18	21.5	0				
20	16QAM	1	99	21.09	21.09	21.15						
20	16QAM	50	0	21.17	21.14	21.15						
20	16QAM	50	24	21.17	21.08	21.09						
20	16QAM	50	50	21.17	21.17	21.18	21.5	0				
20	16QAM	100	0	21.11	21.15	21.12						
20	64QAM	1	0	21.08	21.08	21.12						
20	64QAM	1	49	21.20	21.19	21.19						
20	64QAM	1	99	21.13	21.15	21.11	21.5	0				
20	64QAM	50	0	21.07	21.15	21.13						
20	64QAM	50	24	21.20	21.18	21.08						
20	64QAM	50	50	21.20	21.14	21.14						
20	64QAM	100	0	21.13	21.08	21.18	21.5	0				
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1717.5	1745	1772.5						
15	QPSK	1	0	21.13	21.11	21.15	21.5	0				
15	QPSK	1	37	21.01	21.05	20.99						
15	QPSK	1	74	21.01	20.94	21.01						
15	QPSK	36	0	21.19	21.09	21.12						
15	QPSK	36	20	21.03	21.06	20.95	21.5	0				
15	QPSK	36	39	21.00	21.18	21.00						
15	QPSK	75	0	21.17	21.17	21.12						
15	16QAM	1	0	20.96	21.00	21.08						
15	16QAM	1	37	21.03	21.06	21.08	21.5	0				
15	16QAM	1	74	20.95	21.06	21.05						
15	16QAM	36	0	21.06	21.08	21.08						
15	16QAM	36	20	21.15	21.04	21.07						
15	16QAM	36	39	21.07	21.02	21.16	21.5	0				
15	16QAM	75	0	21.06	21.13	21.04						
15	64QAM	1	0	21.07	21.03	21.01						
15	64QAM	1	37	21.19	21.11	21.12						
15	64QAM	1	74	21.03	21.14	21.08	21.5	0				
15	64QAM	36	0	20.96	21.13	20.98						
15	64QAM	36	20	21.14	21.07	21.00						
15	64QAM	36	39	21.15	21.09	21.12						
15	64QAM	75	0	21.12	20.95	21.03	21.5	0				
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1715	1745	1775						
10	QPSK	1	0	21.20	21.14	21.16	21.5	0				
10	QPSK	1	25	21.02	21.08	21.03						
10	QPSK	1	49	21.14	21.05	21.00						
10	QPSK	25	0	21.16	21.12	21.06						
10	QPSK	25	12	21.14	21.02	21.01	21.5	0				
10	QPSK	25	25	20.98	21.14	20.97						
10	QPSK	50	0	21.07	21.06	21.17						
10	16QAM	1	0	20.98	20.96	21.03						
10	16QAM	1	25	21.01	21.09	21.17	21.5	0				
10	16QAM	1	49	21.07	20.98	21.07						
10	16QAM	25	0	21.16	21.09	21.07						
10	16QAM	25	12	21.13	21.06	20.97						
10	16QAM	25	25	21.15	21.01	21.07	21.5	0				
10	16QAM	50	0	21.01	21.05	21.11						
10	64QAM	1	0	20.94	20.97	20.97						
10	64QAM	1	25	21.14	21.11	21.06						
10	64QAM	1	49	21.07	21.09	20.99	21.5	0				
10	64QAM	25	0	20.97	21.09	21.08						
10	64QAM	25	12	21.13	21.06	20.98						
10	64QAM	25	25	21.14	21.06	21.13						
10	64QAM	50	0	21.05	20.99	21.12	21.5	0				
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1712.5	1745	1777.5						
5	QPSK	1	0	21.06	21.10	21.13	21.5	0				
5	QPSK	1	12	21.05	21.08	20.98						
5	QPSK	1	24	21.05	21.04	21.01						
5	QPSK	12	0	21.09	21.19	21.10						
5	QPSK	12	7	21.02	21.08	20.97	21.5	0				
5	QPSK	12	13	20.98	21.17	21.00						
5	QPSK	25	0	21.14	21.20	21.13						
5	16QAM	1	0	20.94	21.03	21.09						
5	16QAM	1	12	20.95	21.17	21.08	21.5	0				
5	16QAM	1	24	20.97	20.96	21.06						
5	16QAM	12	0	21.10	21.11	21.03						
5	16QAM	12	7	21.14	21.01	20.95						
5	16QAM	12	13	21.06	21.03	21.12	21.5	0				
5	16QAM	25	0	21.02	21.11	20.98						
5	64QAM	1	0	20.99	20.97	21.09						
5	64QAM	1	12	21.16	21.07	21.18						
5	64QAM	1	24	21.11	21.11	20.98	21.5	0				
5	64QAM	12	0	20.95	21.01	21.05						
5	64QAM	12	7	21.14	21.03	21.06						
5	64QAM	12	13	21.11	21.07	21.00						
5	64QAM	25	0	21.03	21.07	21.11	21.5	0				
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1711.5	1745	1778.5						
3	QPSK	1	0	21.12	21.22	21.19	21.5	0				
3	QPSK	1	8	20.97	21.12	20.97						
3	QPSK	1	14	21.13	20.95	21.08						
3	QPSK	8	0	21.10	21.08	21.19	21.5	0				
3	QPSK	8	4	21.03	21.05	21.01						
3	QPSK	8	7	20.94	21.04	20.99						
3	QPSK	15	0	21.10	21.05	21.09	21.5	0				
3	QPSK	1	0	20.94	21.09	21.07						
3	16QAM	1	8	21.02	21.08	21.03						
3	16QAM	1	14	20.94	20.99	21.03	21.5	0				
3	16QAM	8	0	21.07	21.02	21.00						
3	16QAM	8	4	21.09	21.00	20.96						
3	16QAM	8	7	21.09	21.16	21.06	21.5	0				
3	16QAM	15	0	20.97	21.08	20.97						
3	64QAM	1	0	20.94	21.06	21.11						
3	64QAM	1	8	21.09	21.03	21.09	21.5	0				
3	64QAM	1	14	21.02	21.13	21.07						
3	64QAM	8	0	21.03	21.03	20.98						
3	64QAM	8	4	21.05	21.03	21.06	21.5	0				
3	64QAM	8	7	21.08	21.11	21.06						
3	64QAM	15	0	21.07	20.93	21.16						
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1710.7	1745	1779.3						
1.4	QPSK	1	0	21.09	21.17	21.16	21.5	0				
1.4	QPSK	1	3	21.03	21.04	21.09						
1.4	QPSK	1	5	21.16	20.91	21.03						
1.4	QPSK	1	5	21.19	21.21	21.07	21.5	0				
1.4	QPSK	3	1	21.13	21.02	21.06						
1.4	QPSK	3	3	20.98	21.15	20.99						
1.4	QPSK	6	0	21.15	21.10	21.06	21.5	0				
1.4	16QAM	1	0	21.00	21.00	21.01	21.5	0				
1.4	16QAM	1	3	21.00	21.07	21.08						
1.4	16QAM	1	5	21.05	21.02	21.03						
1.4	16QAM	3	1	21.09	21.23	21.09	21.5	0				
1.4	16QAM	3	1	21.10	20.97	21.02						
1.4	16QAM	3	3	21.05	21.16	21.11						
1.4	16QAM	6	0	21.04	21.05	21.00	21.5	0				
1.4	64QAM	1	0	21.01	21.06	21.03						
1.4	64QAM	1	3	21.09	21.12	21.16						
1.4	64QAM	1	5	21.03	21.12	21.04	21.5	0				
1.4	64QAM	3	0	21.02	21.12	21.04						
1.4	64QAM	3	1	21.05	21.15	20.98						
1.4	64QAM	3	1	21.09	21.01	21.05	21.5	0				
1.4	64QAM	6	0	21.06	20.93	21.12						

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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				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	21.05	21.06	21.03	22.3	0	
20	QPSK	1	49	20.91	20.91	20.87			
20	QPSK	1	99	20.94	20.92	20.96			
20	QPSK	50	0	21.03	21.05	21.01	22.3	0	
20	QPSK	50	24	20.90	21.01	20.93			
20	QPSK	50	50	20.95	20.91	20.93			
20	QPSK	100	0	21.01	21.03	21.00	22.3	0	
20	16QAM	1	0	20.99	21.01	20.92			
20	16QAM	1	49	20.90	20.92	20.91			
20	16QAM	1	99	20.96	20.91	20.98	21.8	0.5	
20	16QAM	50	0	20.88	20.90	20.99			
20	16QAM	50	24	20.96	21.00	20.99			
20	16QAM	50	50	21.01	21.04	20.95	21.8	0.5	
20	16QAM	100	0	20.93	21.01	20.95			
20	64QAM	1	0	20.94	21.02	20.89			
20	64QAM	1	49	20.89	20.97	20.97	21.8	0.5	
20	64QAM	1	99	20.98	21.00	21.00			
20	64QAM	50	0	20.57	20.49	20.21			
20	64QAM	50	24	20.54	20.46	20.22	20.8	1.5	
20	64QAM	50	50	20.52	20.32	20.14			
20	64QAM	100	0	20.54	20.39	20.17			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	20.99	20.95	21.00	22.3	0	
15	QPSK	1	37	20.77	20.79	20.85			
15	QPSK	1	74	20.86	20.89	20.91			
15	QPSK	36	0	20.88	20.91	20.95	22.3	0	
15	QPSK	36	20	20.85	20.97	20.81			
15	QPSK	36	39	20.81	20.88	20.84			
15	QPSK	75	0	20.92	20.90	20.91	22.3	0	
15	16QAM	1	0	20.88	20.92	20.82			
15	16QAM	1	37	20.86	20.78	20.85			
15	16QAM	1	74	20.89	20.82	20.87	21.8	0.5	
15	16QAM	36	0	20.84	20.83	20.95			
15	16QAM	36	20	20.87	20.97	20.89			
15	16QAM	36	39	20.98	20.89	20.85	21.8	0.5	
15	16QAM	75	0	20.90	20.90	20.85			
15	64QAM	1	0	20.91	21.00	20.74			
15	64QAM	1	37	20.88	20.95	20.84	21.8	0.5	
15	64QAM	1	74	20.93	20.94	20.92			
15	64QAM	36	0	20.54	20.35	20.12			
15	64QAM	36	20	20.39	20.36	20.16	20.8	1.5	
15	64QAM	36	39	20.40	20.30	20.06			
15	64QAM	75	0	20.51	20.26	20.02			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	20.93	20.97	20.95	22.3	0	
10	QPSK	1	25	20.86	20.81	20.76			
10	QPSK	1	49	20.82	20.77	20.91			
10	QPSK	25	0	20.93	21.01	21.00	22.3	0	
10	QPSK	25	12	20.83	20.86	20.90			
10	QPSK	25	25	20.84	20.81	20.85			
10	QPSK	50	0	20.92	21.02	20.97	22.3	0	
10	16QAM	1	0	20.88	20.86	20.90			
10	16QAM	1	25	20.84	20.89	20.77			
10	16QAM	1	49	20.86	20.86	20.97	21.8	0.5	
10	16QAM	25	0	20.73	20.89	20.86			
10	16QAM	25	12	20.93	20.93	20.89			
10	16QAM	25	25	20.97	20.98	20.91	21.8	0.5	
10	16QAM	50	0	20.87	20.87	20.94			
10	64QAM	1	0	20.79	20.90	20.74			
10	64QAM	1	25	20.88	20.92	20.96	21.8	0.5	
10	64QAM	1	49	20.87	20.98	20.93			
10	64QAM	25	0	20.52	20.34	20.20			
10	64QAM	25	12	20.50	20.33	20.21	20.8	1.5	
10	64QAM	25	25	20.42	20.25	20.11			
10	64QAM	50	0	20.43	20.34	20.07			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	20.98	20.98	20.89	22.3	0	
5	QPSK	1	12	20.76	20.77	20.86			
5	QPSK	1	24	20.86	20.88	20.84			
5	QPSK	12	0	20.92	21.01	20.97	22.3	0	
5	QPSK	12	7	20.82	20.93	20.84			
5	QPSK	12	13	20.90	20.81	20.84			
5	QPSK	25	0	20.96	20.88	20.90	22.3	0	
5	16QAM	1	0	20.96	20.98	20.87			
5	16QAM	1	12	20.77	20.84	20.90			
5	16QAM	1	24	20.95	20.76	20.90	22.3	0	
5	16QAM	12	0	20.80	20.82	20.92			
5	16QAM	12	7	20.85	20.89	20.96			
5	16QAM	12	13	20.90	20.92	20.90	21.8	0.5	
5	16QAM	25	0	20.79	20.92	20.82			
5	64QAM	1	0	20.86	20.97	20.82			
5	64QAM	1	12	20.74	20.93	20.86	21.8	0.5	
5	64QAM	1	24	20.86	20.92	20.91			
5	64QAM	12	0	20.53	20.47	20.15			
5	64QAM	12	7	20.40	20.34	20.15	20.8	1.5	
5	64QAM	12	13	20.40	20.23	20.09			
5	64QAM	25	0	20.49	20.31	20.08			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	20.94	21.00	20.95	22.3	0	
3	QPSK	1	8	20.77	20.88	20.81			
3	QPSK	1	14	20.80	20.80	20.81			
3	QPSK	8	0	21.01	21.04	20.88	22.3	0	
3	QPSK	8	4	20.86	20.86	20.83			
3	QPSK	8	7	20.93	20.77	20.84			
3	QPSK	15	0	20.94	20.99	20.88	22.3	0	
3	16QAM	1	0	20.87	20.97	20.90			
3	16QAM	1	8	20.87	20.81	20.88			
3	16QAM	1	14	20.81	20.82	20.85	22.3	0	
3	16QAM	8	0	20.82	20.87	20.97			
3	16QAM	8	4	20.86	20.94	20.88			
3	16QAM	8	7	20.87	20.92	20.94	21.8	0.5	
3	16QAM	15	0	20.84	20.92	20.84			
3	64QAM	1	0	20.87	21.01	20.85			
3	64QAM	1	8	20.79	20.86	20.95	21.8	0.5	
3	64QAM	1	14	20.95	20.93	20.99			
3	64QAM	8	0	20.44	20.45	20.11			
3	64QAM	8	4	20.52	20.35	20.14	20.8	1.5	
3	64QAM	8	7	20.47	20.28	20.09			
3	64QAM	15	0	20.42	20.32	20.10			
Channel				131979	132322	132669	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.5	1745	1779.5			
1.4	QPSK	1	0	20.94	20.92	20.89	22.3	0	
1.4	QPSK	1	3	20.88	20.79	20.75			
1.4	QPSK	1	5	20.89	20.88	20.81			
1.4	QPSK	3	0	20.89	20.93	21.00	22.3	0	
1.4	QPSK	3	1	20.87	20.99	20.83			
1.4	QPSK	3	3	20.87	20.81	20.83			
1.4	QPSK	6	0	20.97	20.98	20.99	22.3	0	
1.4	16QAM	1	0	20.95	20.93	20.82			
1.4	16QAM	1	3	20.77	20.80	20.86	22.3	0	
1.4	16QAM	1	5	20.81	20.83	20.95			
1.4	16QAM	3	0	20.95	20.79	20.97			
1.4	16QAM	3	1	20.92	20.96	20.89	21.8	0.5	
1.4	16QAM	3	3	20.94	21.00	20.94			
1.4	16QAM	6	0	20.83	20.98	20.92			
1.4	64QAM	1	0	20.84	20.90	20.74	21.8	0.5	
1.4	64QAM	1	3	20.75	20.89	20.87			
1.4	64QAM	1	5	20.95	20.99	20.99			
1.4	64QAM	3	0	20.94	20.98	20.99	21.8	0.5	
1.4	64QAM	3	1	20.94	20.88	20.92			
1.4	64QAM	3	3	20.94	20.83	21.02			
1.4	64QAM	6	0	20.49	20.32	20.16	20.8	1.5	

Band 38_Ant 4									
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	20.71	20.73	20.70	21	0	
20	QPSK	1	49	20.66	20.57	20.66			
20	QPSK	1	99	20.68	20.62	20.67			
20	QPSK	50	0	20.70	20.71	20.68	21	0	
20	QPSK	50	24	20.56	20.58	20.56			
20	QPSK	50	50	20.65	20.64	20.61			
20	QPSK	100	0	20.68	20.70	20.67	21	0	
20	16QAM	1	0	20.60	20.59	20.60			
20	16QAM	1	49	20.57	20.64	20.66			
20	16QAM	1	99	20.61	20.69	20.57	21	0	
20	16QAM	50	0	20.55	20.58	20.58			
20	16QAM	50	24	20.65	20.67	20.66			
20	16QAM	50	50	20.68	20.65	20.55	21	0	
20	16QAM	100	0	20.69	20.61	20.58			
20	64QAM	1	0	20.67	20.69	20.59			
20	64QAM	1	49	20.66	20.64	20.61	21	0	
20	64QAM	1	99	20.62	20.70	20.54			
20	64QAM	50	0	20.67	20.66	20.57			
20	64QAM	50	24	20.56	20.70	20.61	21	0	
20	64QAM	50	50	20.64	20.60	20.59			
20	64QAM	100	0	20.69	20.61	20.64			
Channel				37825	38000	38175	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	20.65	20.63	20.67	21	0	
15	QPSK	1	37	20.53	20.55	20.62			
15	QPSK	1	74	20.66	20.52	20.52			
15	QPSK	36	0	20.61	20.61	20.59	21	0	
15	QPSK	36	20	20.46	20.57	20.50			
15	QPSK	36	39	20.50	20.53	20.60			
15	QPSK	75	0	20.67	20.58	20.61	21	0	
15	16QAM	1	0	20.50	20.52	20.51			
15	16QAM	1	37	20.47	20.61	20.57			
15	16QAM	1	74	20.47	20.63	20.56	21	0	
15	16QAM	36	0	20.42	20.50	20.52			
15	16QAM	36	20	20.53	20.54	20.63			
15	16QAM	36	39	20.59	20.52	20.42	21	0	
15	16QAM	75	0	20.59	20.59	20.53			
15	64QAM	1	0	20.61	20.65	20.54			
15	64QAM	1	37	20.61	20.53	20.48	21	0	
15	64QAM	1	74	20.58	20.68	20.41			
15	64QAM	36	0	20.60	20.60	20.67			
15	64QAM	36	20	20.43	20.58	20.47	21	0	
15	64QAM	36	39	20.55	20.58	20.47			
15	64QAM	36	75	20.50	20.60	20.48			
15	64QAM	75	0	20.55	20.50	20.55	Turn-up limit (dBm)	MPR (dB)	
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	20.59	20.65	20.57	21	0	
10	QPSK	1	25	20.62	20.42	20.54			
10	QPSK	1	49	20.67	20.61	20.63			
10	QPSK	25	0	20.62	20.68	20.65	21	0	
10	QPSK	25	12	20.52	20.45	20.52			
10	QPSK	25	25	20.58	20.49	20.58			
10	QPSK	50	0	20.64	20.59	20.66	21	0	
10	16QAM	1	0	20.50	20.54	20.57			
10	16QAM	1	25	20.45	20.49	20.59			
10	16QAM	1	49	20.54	20.62	20.50	21	0	
10	16QAM	25	0	20.51	20.50	20.51			
10	16QAM	25	12	20.51	20.53	20.65			
10	16QAM	25	25	20.67	20.64	20.52	21	0	
10	16QAM	50	0	20.63	20.56	20.51			
10	64QAM	1	0	20.59	20.59	20.45			
10	64QAM	1	25	20.56	20.60	20.59	21	0	
10	64QAM	1	49	20.52	20.56	20.48			
10	64QAM	25	0	20.56	20.53	20.47			
10	64QAM	25	12	20.41	20.57	20.60	21	0	
10	64QAM	25	25	20.54	20.58	20.51			
10	64QAM	50	0	20.54	20.49	20.69			
Channel				37775	38000	38225	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	20.57	20.65	20.56	21	0	
5	QPSK	1	12	20.57	20.55	20.52			
5	QPSK	1	24	20.67	20.52	20.52			
5	QPSK	12	0	20.55	20.65	20.65	21	0	
5	QPSK	12	7	20.51	20.49	20.53			
5	QPSK	12	13	20.61	20.52	20.59			
5	QPSK	25	0	20.60	20.59	20.66	21	0	
5	16QAM	1	0	20.46	20.50	20.52			
5	16QAM	1	12	20.55	20.61	20.52			
5	16QAM	1	24	20.57	20.61	20.47	21	0	
5	16QAM	12	0	20.40	20.43	20.54			
5	16QAM	12	7	20.55	20.55	20.57			
5	16QAM	12	13	20.62	20.50	20.48	21	0	
5	16QAM	25	0	20.68	20.59	20.48			
5	64QAM	1	0	20.57	20.59	20.50			
5	64QAM	1	12	20.65	20.52	20.48	21	0	
5	64QAM	1	24	20.59	20.62	20.42			
5	64QAM	12	0	20.61	20.55	20.53			
5	64QAM	12	7	20.51	20.64	20.48	21	0	
5	64QAM	12	13	20.57	20.60	20.51			
5	64QAM	25	0	20.57	20.59	20.50			

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	21.35	21.37	21.33	22	0	
20	QPSK	1	49	21.29	21.20	21.22			
20	QPSK	1	99	21.30	21.34	21.27			
20	QPSK	50	0	21.33	21.35	21.31	22	0	
20	QPSK	50	24	21.24	21.30	21.22			
20	QPSK	50	50	21.27	21.28	21.27			
20	QPSK	100	0	21.31	21.33	21.30	22	0	
20	16QAM	1	0	21.23	21.23	21.21			
20	16QAM	1	49	21.23	21.25	21.21			
20	16QAM	1	99	21.24	21.28	21.20	22	0	
20	16QAM	50	0	21.19	21.33	21.29			
20	16QAM	50	24	21.30	21.23	21.30			
20	16QAM	50	50	21.24	21.31	21.24	22	0	
20	16QAM	100	0	21.26	21.30	21.16			
20	64QAM	1	0	21.27	21.21	21.29			
20	64QAM	1	49	21.22	21.25	21.22	22	0	
20	64QAM	1	99	21.24	21.31	21.20			
20	64QAM	50	0	21.31	21.31	21.24			
20	64QAM	50	24	21.18	21.32	21.17	22	0	
20	64QAM	50	50	21.29	21.34	21.22			
20	64QAM	100	0	21.23	21.34	21.24			
Channel				37825	38000	38175	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	21.21	21.27	21.22	22	0	
15	QPSK	1	37	21.20	21.15	21.14			
15	QPSK	1	74	21.22	21.23	21.26			
15	QPSK	36	0	21.19	21.25	21.20	22	0	
15	QPSK	36	20	21.21	21.16	21.20			
15	QPSK	36	39				22	0	
15	QPSK	75	0	21.26	21.26	21.18			
15	16QAM	1	0	21.21	21.21	21.13	22	0	
15	16QAM	1	37	21.11	21.18	21.15			
15	16QAM	1	74	21.18	21.22	21.05			
15	16QAM	36	0	21.14	21.27	21.26	22	0	
15	16QAM	36	20	21.15	21.12	21.26			
15	16QAM	36	39	21.18	21.24	21.18			
15	16QAM	75	0	21.25	21.24	21.08	22	0	
15	64QAM	1	0	21.13	21.13	21.14			
15	64QAM	1	37	21.15	21.17	21.11			
15	64QAM	1	74	21.17	21.22	21.28	22	0	
15	64QAM	36	0	21.22	21.25	21.23			
15	64QAM	36	20	21.03	21.18	21.05			
15	64QAM	36	39	21.27	21.43	21.19	22	0	
15	64QAM	75	0	21.40	21.32	21.17			
Channel				37900	38000	38200	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				25775	25955	26175			
10	QPSK	1	0	21.23	21.35	21.22	22	0	
10	QPSK	1	25	21.23	21.19	21.17			
10	QPSK	1	49	21.22	21.30	21.16			
10	QPSK	25	0	21.24	21.33	21.13	22	0	
10	QPSK	25	12	21.09	21.19	21.18			
10	QPSK	25	25	21.25	21.19	21.19			
10	QPSK	50	0	21.21	21.22	21.24	22	0	
10	16QAM	1	0	21.18	21.18	21.15			
10	16QAM	1	25	21.19	21.22	21.04			
10	16QAM	1	49	21.15	21.17	21.12	22	0	
10	16QAM	25	0	21.07	21.49	21.19			
10	16QAM	25	12	21.19	21.11	21.15			
10	16QAM	25	25	21.09	21.25	21.21	22	0	
10	16QAM	50	0	21.18	21.28	21.11			
10	64QAM	1	0	21.15	21.12	21.26			
10	64QAM	1	25	21.12	21.21	21.15	22	0	
10	64QAM	1	49	21.17	21.16	21.21			
10	64QAM	25	0	21.16	21.28	21.15			
10	64QAM	25	12	21.08	21.22	21.08	22	0	
10	64QAM	25	25	21.20	21.21	21.13			
10	64QAM	50	0	21.12	21.27	21.22			
Channel				37975	38000	38225	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				25755	25955	26175			
5	QPSK	1	0	21.32	21.33	21.28	22	0	
5	QPSK	1	12	21.36	21.44	21.21			
5	QPSK	1	25	21.19	21.25	21.23			
5	QPSK	12	0	21.24	21.31	21.17	22	0	
5	QPSK	12	7	21.17	21.21	21.21			
5	QPSK	12	13	21.23	21.25	21.12			
5	QPSK	25	0	21.27	21.26	21.26	22	0	
5	16QAM	1	0	21.14	21.08	21.14			
5	16QAM	1	12	21.18	21.13	21.04			
5	16QAM	1	24	21.09	21.25	21.15	22	0	
5	16QAM	12	0	21.17	21.21	21.15			
5	16QAM	12	7	21.17	21.10	21.26			
5	16QAM	12	13	21.21	21.20	21.09	22	0	
5	16QAM	25	0	21.25	21.25	21.07			
5	64QAM	1	0	21.14	21.13	21.14			
5	64QAM	1	12	21.19	21.15	21.10	22	0	
5	64QAM	1	24	21.22	21.18	21.15			
5	64QAM	12	0	21.21	21.20	21.22			
5	64QAM	12	7	21.21	21.28	21.07	22	0	
5	64QAM	12	13	21.21	21.28	21.07			
5	64QAM	25	0	21.18	21.30	21.17			

Band 41_Ant 4												
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 (mW)	MPR (dB)		
Channel												
Frequency (MHz)				36750	40165	40620	41055	41460				
20	QPSK	1	0	2224	2223	2220	2218	2215	22.8	0		
20	QPSK	1	48	2208	2217	2211	2205	2210				
20	QPSK	1	96	2220	2218	2217	2212	2210				
20	QPSK	50	0	2223	2221	2218	2216	2213				
20	QPSK	50	24	2225	2218	2214	2208	2208				
20	QPSK	50	50	2222	2210	2211	2207	2202	22.8	0		
20	QPSK	100	0	2221	2220	2217	2215	2211				
20	16QAM	1	0	2192	2198	2183	2183	2179				
20	16QAM	1	48	2203	2204	2196	2192	2189				
20	16QAM	1	96	2204	2199	2193	2189	2183				
20	16QAM	50	0	2140	2145	2134	2138	2131	21.8	1		
20	16QAM	50	24	2147	2144	2136	2137	2133				
20	16QAM	50	50	2151	2143	2141	2138	2134				
20	16QAM	100	0	2145	2146	2139	2137	2132				
20	64QAM	1	0	2112	2115	2104	2103	2100				
20	64QAM	1	48	2124	2119	2119	2113	2110	21.8	1		
20	64QAM	1	96	2128	2118	2114	2111	2105				
20	64QAM	50	0	2038	2042	2031	2034	2030				
20	64QAM	50	24	2047	2041	2036	2036	2030				
20	64QAM	50	50	2051	2042	2040	2035	2034				
20	64QAM	100	0	2044	2042	2036	2034	2031	20.8	2		
Channel				36750	40173	40620	41068	41515	Turn-up (mW)	MPR (dB)		
Frequency (MHz)				2593.5	2643.5	2690	2737.5	2682.5 <td rowspan="5">22.8</td> <td rowspan="5">0</td> <td colspan="2"></td>	22.8	0		
15	QPSK	1	0	2211	2221	2218	2204	2203				
15	QPSK	1	37	2197	2214	2208	2199	2195				
15	QPSK	1	74	2219	2208	2205	2206	2208				
15	QPSK	36	0	2215	2218	2205	2205	2203				
15	QPSK	36	20	2206	2213	2201	2198	2193	22.8	0		
15	QPSK	36	36	2209	2208	2207	2198	2195				
15	QPSK	75	0	2213	2205	2214	2206	2209				
15	16QAM	1	0	2184	2193	2173	2173	2171				
15	16QAM	1	37	2195	2198	2180	2183	2182				
15	16QAM	1	74	2196	2191	2183	2182	2174	21.8	1		
15	16QAM	36	0	2131	2138	2125	2130	2124				
15	16QAM	36	20	2139	2136	2126	2127	2126				
15	16QAM	36	36	2143	2138	2132	2129	2128				
15	16QAM	75	0	2140	2139	2134	2129	2123				
15	64QAM	1	0	2104	2106	2099	2097	2092	21.8	1		
15	64QAM	1	37	2116	2113	2113	2108	2105				
15	64QAM	1	74	2121	2110	2108	2102	2100				
15	64QAM	36	0	2032	2033	2024	2024	2023				
15	64QAM	36	20	2039	2031	2031	2028	2023				
15	64QAM	36	36	2045	2034	2030	2029	2024	20.8	2		
15	64QAM	75	0	2035	2032	2026	2026	2026				
Channel				36750	40160	40620	41080	41540	Turn-up (mW)	MPR (dB)		
10	QPSK	1	0	2209	2213	2211	2213	2209	22.8	0		
10	QPSK	1	25	2202	2209	2210	2203	2208				
10	QPSK	1	49	2206	2217	2214	2200	2202				
10	QPSK	25	0	2216	2215	2213	2207	2212				
10	QPSK	25	12	2206	2213	2208	2199	2198				
10	QPSK	25	25	2221	2205	2204	2205	2189	22.8	0		
10	QPSK	50	0	2220	2211	2213	2208	2210				
10	16QAM	1	0	2183	2190	2174	2177	2173				
10	16QAM	1	25	2185	2199	2188	2186	2179				
10	16QAM	1	49	2184	2189	2187	2181	2174				
10	16QAM	25	0	2134	2135	2129	2131	2124	21.8	1		
10	16QAM	25	12	2141	2139	2126	2127	2126				
10	16QAM	25	25	2142	2135	2132	2131	2124				
10	16QAM	50	0	2137	2140	2131	2127	2124				
10	64QAM	1	0	2108	2106	2098	2094	2091				
10	64QAM	1	25	2114	2111	2112	2104	2101	21.8	1		
10	64QAM	1	49	2122	2110	2105	2105	2096				
10	64QAM	25	0	2031	2037	2023	2024	2024				
10	64QAM	25	12	2039	2031	2031	2030	2025				
10	64QAM	25	25	2042	2037	2035	2029	2028				
10	64QAM	50	0	2034	2036	2031	2025	2026	20.8	2		
Channel				36750	40141	40620	41093	41555	Turn-up (mW)	MPR (dB)		
5	QPSK	1	0	2214	2216	2209	2213	2208	22.8	0		
5	QPSK	1	12	2196	2204	2209	2196	2200				
5	QPSK	1	24	2205	2215	2210	2208	2204				
5	QPSK	12	0	2220	2207	2215	2214	2202				
5	QPSK	12	7	2216	2212	2207	2202	2199				
5	QPSK	12	13	2218	2203	2203	2205	2201	22.8	0		
5	QPSK	25	0	2214	2212	2204	2208	2196				
5	16QAM	1	0	2185	2189	2175	2178	2169				
5	16QAM	1	12	2197	2195	2191	2182	2182				
5	16QAM	1	24	2197	2193	2188	2179	2178				
5	16QAM	12	0	2133	2137	2129	2129	2124	21.8	1		
5	16QAM	12	7	2139	2134	2130	2127	2125				
5	16QAM	12	13	2145	2136	2135	2128	2125				
5	16QAM	25	0	2135	2138	2133	2130	2123				
5	64QAM	1	0	2103	2109	2096	2094	2092				
5	64QAM	1	12	2114	2113	2112	2103	2104	21.8	1		
5	64QAM	1	24	2121	2112	2108	2102	2095				
5	64QAM	12	0	2033	2033	2021	2028	2024				
5	64QAM	12	7	2041	2036	2027	2030	2023				
5	64QAM	25	0	2039	2036	2030	2028	2022				

Band 41_Ant 4_PC2														
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 (mW)	MPR (dB)				
Channel														
Frequency (MHz)				36750	40165	40620	41055	41490						
20	QPSK	1	0	2352	2336	2330	2331	2326	24.4	0				
20	QPSK	1	48	2338	2335	2322	2328	2315						
20	QPSK													

Band 41_Ant 3_PC2															
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power Low High Ch / Freq	Power High Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MFR (dB)					
Channel															
Frequency (MHz)															
20	QPSK	1	0	25.67	25.68	25.69	25.65	25.46	26.8	0					
20	QPSK	1	49	25.62	25.67	25.68	25.62	25.44							
20	QPSK	1	99	25.58	25.67	25.73	25.45	25.32							
20	QPSK	50	0	25.41	25.43	25.45	25.11	25.05							
20	QPSK	50	24	25.40	25.41	25.37	25.10	25.03	25.8	1					
20	QPSK	50	50	25.38	25.40	25.35	25.07	24.99							
20	QPSK	100	0	25.39	25.42	25.43	25.08	24.98							
20	16QAM	1	49	25.45	25.54	25.47	25.23	25.04							
20	16QAM	1	49	25.59	25.60	25.55	25.31	25.11	25.8	1					
20	16QAM	1	99	25.61	25.59	25.48	25.22	25.05							
20	16QAM	50	0	24.58	24.64	24.55	24.32	24.22							
20	16QAM	50	24	24.63	24.66	24.59	24.32	24.24							
20	16QAM	50	50	24.66	24.67	24.61	24.31	24.23	24.8	2					
20	16QAM	100	0	24.60	24.64	24.55	24.31	24.20							
20	64QAM	1	0	24.55	24.60	24.52	24.29	24.12							
20	64QAM	1	49	24.63	24.62	24.59	24.31	24.18							
20	64QAM	1	99	24.64	24.65	24.63	24.27	24.08	23.8	3					
20	64QAM	50	0	23.55	23.63	23.55	23.31	23.19							
20	64QAM	50	24	23.61	23.65	23.56	23.30	23.22							
20	64QAM	50	50	23.62	23.65	23.59	23.28	23.22							
20	64QAM	100	0	23.59	23.63	23.56	23.30	23.19							
Channel															
Frequency (MHz)															
15	QPSK	1	0	25.63	25.63	25.63	25.63	25.44	26.8	0					
15	QPSK	1	37	25.60	25.75	25.66	25.57	25.37							
15	QPSK	1	74	25.63	25.78	25.64	25.34	25.24							
15	QPSK	36	0	25.33	25.30	25.38	25.08	25.00							
15	QPSK	36	20	25.39	25.39	25.25	25.01	24.90	25.8	1					
15	QPSK	36	39	25.29	25.25	25.28	24.99	24.88							
15	QPSK	75	0	25.36	25.37	25.28	25.05	24.95							
15	IQAM	1	0	25.37	25.41	25.39	25.20	25.00							
15	IQAM	1	37	25.55	25.55	25.51	25.16	25.01	25.8	1					
15	IQAM	1	74	25.57	25.53	25.35	25.18	24.97							
15	IQAM	36	0	24.52	24.61	24.49	24.17	24.20							
15	IQAM	36	20	24.62	24.62	24.55	24.27	24.17							
15	IQAM	36	39	24.60	24.54	24.52	24.29	24.20	24.8	2					
15	IQAM	75	0	24.48	24.52	24.40	24.25	24.18							
15	IQAM	1	0	24.53	24.53	24.42	24.20	23.97							
15	IQAM	1	37	24.52	24.50	24.44	24.20	24.15							
15	IQAM	1	74	24.53	24.51	24.42	24.18	23.95	23.8	3					
15	IQAM	36	0	23.45	23.50	23.41	23.17	23.17							
15	IQAM	36	20	23.51	23.53	23.52	23.19	23.14							
15	IQAM	36	39	23.58	23.54	23.48	23.15	23.12							
15	IQAM	75	0	23.49	23.58	23.54	23.18	23.14							
Channel															
Frequency (MHz)															
10	QPSK	1	0	25.75	25.74	25.67	25.48	25.32	26.8	0					
10	QPSK	1	25	25.73	25.75	25.66	25.50	25.43							
10	QPSK	1	49	25.74	25.83	25.72	25.44	25.17							
10	QPSK	25	0	25.37	25.37	25.35	25.10	24.91							
10	QPSK	25	12	25.39	25.32	25.28	25.07	25.02	25.8	1					
10	QPSK	25	25	25.32	25.29	25.32	25.02	24.86							
10	QPSK	50	0	25.25	25.41	25.40	24.94	24.96							
10	IQAM	1	0	25.39	25.48	25.33	25.09	24.99							
10	IQAM	1	25	25.58	25.57	25.48	25.24	25.04	25.8	1					
10	IQAM	1	49	25.60	25.52	25.35	25.20	24.92							
10	IQAM	25	0	24.43	24.58	24.40	24.28	24.07							
10	IQAM	25	12	24.54	24.59	24.57	24.19	24.19							
10	IQAM	25	25	24.65	24.66	24.59	24.20	24.13	24.8	2					
10	IQAM	50	0	24.56	24.52	24.54	24.22	24.10							
10	IQAM	1	0	24.47	24.51	24.44	24.23	24.00							
10	IQAM	1	25	24.55	24.50	24.44	24.22	24.14							
10	IQAM	1	49	24.49	24.54	24.47	24.20	24.06	23.8	3					
10	IQAM	25	0	23.42	23.53	23.41	23.28	23.18							
10	IQAM	25	12	23.58	23.61	23.41	23.26	23.17							
10	IQAM	25	25	23.47	23.60	23.47	23.25	23.20							
Channel															
Frequency (MHz)															
5	QPSK	1	0	25.78	25.79	25.83	25.49	25.42	26.8	0					
5	QPSK	1	12	25.76	25.81	25.74	25.47	25.35							
5	QPSK	1	24	25.70	25.73	25.63	25.36	25.27							
5	QPSK	12	0	25.26	25.36	25.30	25.10	24.97							
5	QPSK	12	7	25.28	25.40	25.29	25.04	24.91	25.8	1					
5	QPSK	12	13	25.36	25.39	25.32	25.02	24.91							
5	QPSK	25	0	25.38	25.39	25.28	25.01	24.85							
5	IQAM	1	0	25.37	25.42	25.45	25.10	24.90							
5	IQAM	1	12	25.51	25.58	25.47	25.18	25.02	25.8	1					
5	IQAM	1	24	25.46	25.56	25.36	25.09	24.95							
5	IQAM	12	0	24.52	24.61	24.46	24.28	24.20							
5	IQAM	12	7	24.59	24.59	24.52	24.20	24.09							
5	IQAM	12	13	24.63	24.53	24.60	24.22	24.18	24.8	2					
5	IQAM	25	0	24.50	24.53	24.43	24.23	24.12							
5	IQAM	1	0	24.44	24.55	24.45	24.27	23.97							
5	IQAM	1	12	24.57	24.52	24.57	24.17	24.10							
5	64QAM	1	24	24.51	24.51	24.51	24.13	24.03	23.8	3					
5	64QAM	12	0	23.54	23.62	23.41	23.17	23.05							
5	64QAM	12	7	23.51	23.57	23.46	23.16	23.15							
5	64QAM	12	13	23.49	23.52	23.52	23.16	23.13							
5	64QAM	25	0	23.56	23.50	23.49	23.19	23.14							

Reduced Power Mode for ECI 5

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	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.6		824.2	836.4	848.6	
GSM 1 Tx slot	33.13	33.18	33.15	34.00	24.13	24.18	24.15	25.00
GPRS/EDGE GMSK 1 Tx slot	33.11	33.17	33.13	34.00	24.11	24.17	24.13	25.00
GPRS/EDGE GMSK 2 Tx slots	30.13	30.20	30.16	31.00	24.13	24.20	24.16	25.00
GPRS/EDGE GMSK 3 Tx slots	28.60	28.65	28.61	29.00	24.34	24.39	24.35	24.74
GPRS/EDGE GMSK 4 Tx slots	27.01	27.10	27.05	28.00	24.01	24.10	24.05	25.00
EDGE 8PSK 1 Tx slot	28.08	28.15	28.13	30.00	19.08	19.15	19.13	21.00
EDGE 8PSK 2 Tx slots	26.85	26.89	26.88	27.00	20.85	20.89	20.88	21.00
EDGE 8PSK 3 Tx slots	24.72	24.81	24.71	25.00	20.46	20.55	20.45	20.74
EDGE 8PSK 4 Tx slots	23.71	23.75	23.64	24.00	20.71	20.75	20.64	21.00

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	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.6		824.2	836.4	848.6	
GSM 1 Tx slot	31.03	31.16	31.12	32.00	22.03	22.16	22.12	23.00
GPRS/EDGE GMSK 1 Tx slot	31.01	31.15	31.10	32.00	22.01	22.15	22.10	23.00
GPRS/EDGE GMSK 2 Tx slots	28.11	28.25	28.10	29.00	22.11	22.25	22.10	23.00
GPRS/EDGE GMSK 3 Tx slots	26.42	26.53	26.45	27.00	22.16	22.27	22.19	22.74
GPRS/EDGE GMSK 4 Tx slots	25.02	25.15	25.00	26.00	22.02	22.15	22.00	23.00
EDGE 8PSK 1 Tx slot	28.06	28.13	28.03	30.00	19.06	19.13	19.03	21.00
EDGE 8PSK 2 Tx slots	26.67	26.77	26.66	27.00	20.67	20.77	20.66	21.00
EDGE 8PSK 3 Tx slots	24.54	24.64	24.55	25.00	20.28	20.38	20.29	20.74
EDGE 8PSK 4 Tx slots	23.35	23.38	23.29	24.00	20.35	20.38	20.29	21.00

GSM1900_Ant 4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.20	30.25	30.22	31.00	21.20	21.25	21.22	22.00
GPRS/EDGE GMSK 1 Tx slot	30.18	30.23	30.21	31.00	21.18	21.23	21.21	22.00
GPRS/EDGE GMSK 2 Tx slots	27.25	27.30	27.28	28.00	21.25	21.30	21.28	22.00
GPRS/EDGE GMSK 3 Tx slots	25.75	25.82	25.78	26.00	21.49	21.56	21.52	21.74
GPRS/EDGE GMSK 4 Tx slots	24.19	24.26	24.23	25.00	21.19	21.26	21.23	22.00
EDGE 8PSK 1 Tx slot	26.10	26.18	26.09	28.00	17.10	17.18	17.09	19.00
EDGE 8PSK 2 Tx slots	24.88	24.90	24.84	25.00	18.88	18.90	18.84	19.00
EDGE 8PSK 3 Tx slots	22.58	22.64	22.56	23.00	18.32	18.38	18.30	18.74
EDGE 8PSK 4 Tx slots	21.25	21.38	21.26	22.00	18.25	18.38	18.26	19.00

GSM1900_Ant 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.00	27.02	26.93	28.00	18.00	18.02	17.93	19.00
GPRS/EDGE GMSK 1 Tx slot	26.99	27.00	26.92	28.00	17.99	18.00	17.92	19.00
GPRS/EDGE GMSK 2 Tx slots	23.90	24.00	23.92	25.00	17.90	18.00	17.92	19.00
GPRS/EDGE GMSK 3 Tx slots	22.14	22.20	22.07	23.00	17.88	17.94	17.81	18.74
GPRS/EDGE GMSK 4 Tx slots	20.96	21.00	20.86	22.00	17.96	18.00	17.86	19.00
EDGE 8PSK 1 Tx slot	26.11	26.20	26.15	27.50	17.11	17.20	17.15	18.50
EDGE 8PSK 2 Tx slots	23.30	23.39	23.34	23.50	17.30	17.39	17.34	17.50
EDGE 8PSK 3 Tx slots	21.18	21.25	21.19	21.50	16.92	16.99	16.93	17.24
EDGE 8PSK 4 Tx slots	19.43	19.37	19.44	20.00	16.43	16.37	16.44	17.00

Band	WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA II_Ant 3			Tune-up Limit (dBm)	
	9262	9400	9538		9262	9400	9538		
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	24.45	24.58	24.35	25.10	17.91	17.93	17.63	18.60
3GPP Rel 99	RMC 12.2Kbps	24.48	24.60	24.38	25.10	17.93	17.95	17.65	18.60
3GPP Rel 6	HSDPA Subtest-1	22.69	23.16	22.91	23.30	16.32	16.50	16.14	16.80
3GPP Rel 6	HSDPA Subtest-2	22.70	23.13	22.94	23.30	16.42	16.43	16.16	16.80
3GPP Rel 6	HSDPA Subtest-3	22.28	22.70	22.43	22.80	15.89	16.10	15.68	16.30
3GPP Rel 6	HSDPA Subtest-4	22.24	22.63	22.38	22.80	15.92	15.95	15.73	16.30
3GPP Rel 8	DC-HSDPA Subtest-1	22.57	23.02	22.76	23.30	16.30	16.41	16.03	16.80
3GPP Rel 8	DC-HSDPA Subtest-2	22.67	23.06	22.89	23.30	16.29	16.36	16.11	16.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.24	22.64	22.41	22.80	15.81	16.04	15.58	16.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.21	22.53	22.33	22.80	15.92	16.00	15.71	16.30
3GPP Rel 6	HSUPA Subtest-1	21.16	21.61	21.43	21.80	14.65	14.89	14.64	15.30
3GPP Rel 6	HSUPA Subtest-2	21.20	21.63	21.45	21.80	14.74	14.77	14.52	15.30
3GPP Rel 6	HSUPA Subtest-3	22.26	22.66	22.48	22.80	15.72	15.88	15.61	16.30
3GPP Rel 6	HSUPA Subtest-4	20.95	21.37	21.18	21.80	14.34	14.41	14.10	15.30
3GPP Rel 6	HSUPA Subtest-5	22.70	22.75	22.73	22.80	15.76	15.81	15.46	16.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.10	21.58	21.41	21.80	14.62	14.79	14.43	15.30

Band	WCDMA IV_Ant 4				Tune-up Limit (dBm)	WCDMA IV_Ant 3				Tune-up Limit (dBm)
	TX Channel Rx Channel	1312	1413	1513		1312	1413	1513		
Frequency (MHz)		1537	1638	1738		1537	1638	1738		
		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6		
3GPP Rel 99	AMR 12.2Kbps	24.31	24.33	24.26	25.10	17.51	17.62	17.53	18.60	
3GPP Rel 99	RMC 12.2Kbps	24.33	24.35	24.30	25.10	17.53	17.63	17.56	18.60	
3GPP Rel 6	HSDPA Subtest-1	23.37	23.32	23.27	23.80	16.40	16.38	16.42	17.30	
3GPP Rel 6	HSDPA Subtest-2	23.36	23.30	23.31	23.80	16.33	16.34	16.38	17.30	
3GPP Rel 6	HSDPA Subtest-3	22.91	22.92	22.81	23.30	15.87	15.85	15.93	16.80	
3GPP Rel 6	HSDPA Subtest-4	22.87	22.85	22.80	23.30	15.81	15.82	15.82	16.80	
3GPP Rel 8	DC-HSDPA Subtest-1	23.22	23.23	23.15	23.80	16.21	16.38	16.30	17.30	
3GPP Rel 8	DC-HSDPA Subtest-2	23.24	23.27	23.30	23.80	16.14	16.25	16.26	17.30	
3GPP Rel 8	DC-HSDPA Subtest-3	22.86	22.87	22.74	23.30	15.90	15.86	15.90	16.80	
3GPP Rel 8	DC-HSDPA Subtest-4	22.83	22.72	22.76	23.30	15.92	15.87	15.83	16.80	
3GPP Rel 6	HSUPA Subtest-1	21.46	21.36	21.34	21.80	14.41	14.40	14.38	15.30	
3GPP Rel 6	HSUPA Subtest-2	21.41	21.40	21.40	21.80	14.38	14.53	14.34	15.30	
3GPP Rel 6	HSUPA Subtest-3	22.42	22.34	22.37	22.80	15.39	15.42	15.43	16.30	
3GPP Rel 6	HSUPA Subtest-4	20.93	20.92	20.94	21.80	13.86	13.92	14.04	15.30	
3GPP Rel 6	HSUPA Subtest-5	22.40	22.40	22.30	22.80	15.37	15.44	15.43	16.30	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.37	21.29	21.39	21.80	14.36	14.45	14.33	15.30	

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	24.50	24.53	24.48	25.10	22.08	22.11	22.03	22.60
3GPP Rel 99	RMC 12.2Kbps	24.49	24.55	24.50	25.10	22.10	22.13	22.05	22.60
3GPP Rel 6	HSDPA Subtest-1	23.49	23.47	23.62	23.80	21.01	20.94	21.12	21.30
3GPP Rel 6	HSDPA Subtest-2	23.53	23.48	23.68	23.80	20.95	20.91	20.98	21.30
3GPP Rel 6	HSDPA Subtest-3	23.05	23.01	23.20	23.30	20.53	20.42	20.64	20.80
3GPP Rel 6	HSDPA Subtest-4	23.00	22.97	23.22	23.30	20.52	20.44	20.62	20.80
3GPP Rel 8	DC-HSDPA Subtest-1	23.41	23.45	23.54	23.80	21.02	20.79	20.94	21.30
3GPP Rel 8	DC-HSDPA Subtest-2	23.52	23.43	23.63	23.80	21.03	20.80	20.99	21.30
3GPP Rel 8	DC-HSDPA Subtest-3	23.02	22.89	23.05	23.30	20.52	20.44	20.57	20.80
3GPP Rel 8	DC-HSDPA Subtest-4	22.85	22.81	23.18	23.30	20.37	20.32	20.51	20.80
3GPP Rel 6	HSUPA Subtest-1	21.49	21.47	21.56	21.80	18.87	18.90	18.93	19.30
3GPP Rel 6	HSUPA Subtest-2	21.51	21.46	21.55	21.80	18.88	18.85	18.94	19.30
3GPP Rel 6	HSUPA Subtest-3	22.50	22.50	22.59	22.80	20.01	19.86	20.04	20.30
3GPP Rel 6	HSUPA Subtest-4	21.02	20.98	21.06	21.80	18.45	18.40	18.55	19.30
3GPP Rel 6	HSUPA Subtest-5	22.50	22.50	22.60	22.80	19.94	19.83	20.07	20.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.36	21.38	21.43	21.80	18.78	18.71	18.87	19.30

Band 2_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				18700	18900	19100	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	23.36	23.38	23.31	23.8	0		
20	QPSK	1	49	23.32	23.36	23.30				
20	QPSK	1	99	23.24	23.34	23.03				
20	QPSK	50	0	22.25	22.27	22.28	22.8	1		
20	QPSK	50	24	22.33	22.28	22.29				
20	QPSK	50	50	22.22	22.23	22.06				
20	QPSK	100	0	22.25	22.35	22.07	22.8	1		
20	16QAM	1	0	22.46	22.52	22.41				
20	16QAM	1	49	22.55	22.55	22.28				
20	16QAM	1	99	22.48	22.34	22.26	21.8	2		
20	16QAM	50	0	21.25	21.29	21.13				
20	16QAM	50	24	21.32	21.26	21.09				
20	16QAM	50	50	21.22	21.22	21.04	21.8	2		
20	16QAM	100	0	21.22	21.25	21.03				
20	64QAM	1	0	21.36	21.40	21.36				
20	64QAM	1	49	21.51	21.49	21.20	21.8	2		
20	64QAM	1	99	21.40	21.32	21.15				
20	64QAM	50	0	20.36	20.32	20.28				
20	64QAM	50	24	20.38	20.31	20.25	20.8	3		
20	64QAM	50	50	20.23	20.24	20.16				
20	64QAM	100	0	20.35	20.25	20.21				
Channel				18975	18900	19105	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18935	18850	19025				
15	QPSK	1	0	23.21	23.35	23.22	23.8	0		
15	QPSK	1	37	23.31	23.30	23.08				
15	QPSK	1	74	23.16	23.11	22.93				
15	QPSK	36	0	22.31	22.23	22.16	22.8	1		
15	QPSK	36	20	22.23	22.18	22.09				
15	QPSK	36	39	22.15	22.16	22.03				
15	QPSK	75	0	22.20	22.33	21.94	22.8	1		
15	16QAM	1	0	22.45	22.51	22.30				
15	16QAM	1	37	22.46	22.49	22.20				
15	16QAM	1	74	22.36	22.27	22.19	21.8	2		
15	16QAM	36	0	21.17	21.18	21.09				
15	16QAM	36	20	21.28	21.13	20.99				
15	16QAM	36	39	21.13	21.08	20.99	21.8	2		
15	16QAM	75	0	21.18	21.21	21.01				
15	64QAM	1	0	21.30	21.30	21.33				
15	64QAM	1	37	21.48	21.45	21.18	21.8	2		
15	64QAM	1	74	21.39	21.26	21.00				
15	64QAM	36	0	20.32	20.25	20.19				
15	64QAM	36	20	20.34	20.17	20.17	20.8	3		
15	64QAM	36	39	20.13	20.13	20.01				
15	64QAM	75	0	20.16	20.18	20.08				
Channel				18850	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18855	18800	19005				
10	QPSK	1	0	23.28	23.25	23.23	23.8	0		
10	QPSK	1	25	23.31	23.31	22.95				
10	QPSK	1	49	23.13	23.08	22.97				
10	QPSK	25	0	22.23	22.28	22.26	22.8	1		
10	QPSK	25	12	22.26	22.27	21.99				
10	QPSK	25	25	22.18	22.17	22.03				
10	QPSK	50	0	22.11	22.26	21.95	22.8	1		
10	16QAM	1	0	22.33	22.43	22.27				
10	16QAM	1	25	22.54	22.41	22.15				
10	16QAM	1	49	22.34	22.33	22.16	21.8	2		
10	16QAM	25	0	21.14	21.25	21.03				
10	16QAM	25	12	21.30	21.25	21.03				
10	16QAM	25	25	21.20	21.08	20.98	21.8	2		
10	16QAM	50	0	21.21	21.13	20.96				
10	64QAM	1	0	21.30	21.27	21.28				
10	64QAM	1	25	21.38	21.47	21.14	21.8	2		
10	64QAM	1	49	21.38	21.22	21.03				
10	64QAM	25	0	20.27	20.27	20.22				
10	64QAM	25	12	20.34	20.29	20.23	20.8	3		
10	64QAM	25	25	20.15	20.19	20.04				
10	64QAM	50	0	20.16	20.15	20.16				
Channel				18625	18690	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18625	18600	19015				
5	QPSK	1	0	23.25	23.29	23.22	23.8	0		
5	QPSK	1	12	23.25	23.28	23.03				
5	QPSK	1	24	23.17	23.00	22.98				
5	QPSK	12	0	22.25	22.31	22.24	22.8	1		
5	QPSK	12	7	22.26	22.25	22.08				
5	QPSK	12	13	22.10	22.19	22.00				
5	QPSK	25	0	22.22	22.26	21.92	22.8	1		
5	16QAM	1	0	22.40	22.45	22.36				
5	16QAM	1	12	22.42	22.42	22.10				
5	16QAM	1	24	22.46	22.27	22.21	21.8	2		
5	16QAM	12	0	21.12	21.23	21.03				
5	16QAM	12	7	21.21	21.12	21.08				
5	16QAM	12	13	21.13	21.10	20.99	21.8	2		
5	16QAM	25	0	21.16	21.24	21.00				
5	64QAM	1	0	21.23	21.26	21.31				
5	64QAM	1	12	21.42	21.45	21.08	21.8	2		
5	64QAM	1	24	21.38	21.18	21.03				
5	64QAM	12	0	20.21	20.26	20.16				
5	64QAM	12	7	20.36	20.18	20.22	20.8	3		
5	64QAM	12	13	20.20	20.13	20.09				
5	64QAM	25	0	20.29	20.15	20.11				
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18615	18800	19085				
3	QPSK	1	0	23.33	23.31	23.26	23.8	0		
3	QPSK	1	8	23.21	23.26	23.07				
3	QPSK	1	14	23.33	23.08	22.90				
3	QPSK	8	0	22.30	22.27	22.16	22.8	1		
3	QPSK	8	4	22.22	22.14	22.03				
3	QPSK	8	7	22.13	22.15	22.00				
3	QPSK	15	0	22.13	22.33	22.02	22.8	1		
3	16QAM	1	0	22.38	22.49	22.32				
3	16QAM	1	8	22.53	22.48	22.16				
3	16QAM	1	14	22.38	22.28	22.12	21.8	2		
3	16QAM	8	0	21.15	21.14	21.11				
3	16QAM	8	4	21.26	21.13	20.98				
3	16QAM	8	7	21.11	21.08	20.93	21.8	2		
3	16QAM	15	0	21.18	21.12	20.89				
3	64QAM	1	0	21.34	21.35	21.31				
3	64QAM	1	8	21.44	21.46	21.12	21.8	2		
3	64QAM	1	14	21.37	21.25	21.09				

Band 4_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	17.91	17.93	17.90	18.5	0	
20	QPSK	1	49	17.88	17.87	17.77			
20	QPSK	1	99	17.76	17.81	17.87			
20	QPSK	50	0	17.90	17.91	17.85	18.5	0	
20	QPSK	50	24	17.77	17.84	17.77			
20	QPSK	50	50	17.84	17.79	17.75			
20	QPSK	100	0	17.88	17.89	17.87	18.5	0	
20	16QAM	1	0	17.79	17.88	17.74			
20	16QAM	1	49	17.81	17.89	17.84			
20	16QAM	1	99	17.86	17.87	17.80	18.5	0	
20	16QAM	50	0	17.81	17.79	17.83			
20	16QAM	50	24	17.89	17.78	17.87			
20	16QAM	50	50	17.79	17.76	17.80	18.5	0	
20	16QAM	100	0	17.87	17.78	17.84			
20	64QAM	1	0	17.84	17.76	17.80			
20	64QAM	1	49	17.78	17.88	17.75	18.5	0	
20	64QAM	1	99	17.81	17.78	17.76			
20	64QAM	50	0	17.87	17.83	17.83			
20	64QAM	50	24	17.79	17.88	17.82	18.5	0	
20	64QAM	50	50	17.86	17.82	17.80			
20	64QAM	100	0	17.82	17.82	17.81			
Channel				20050	20175	20300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	17.80	17.92	17.77	18.5	0	
15	QPSK	1	37	17.76	17.78	17.67			
15	QPSK	1	74	17.61	17.73	17.67			
15	QPSK	36	0	17.88	17.78	17.76	18.5	0	
15	QPSK	36	20	17.69	17.73	17.71			
15	QPSK	36	39	17.79	17.70	17.70			
15	QPSK	75	0	17.83	17.78	17.72	18.5	0	
15	16QAM	1	0	17.74	17.78	17.63			
15	16QAM	1	37	17.79	17.86	17.76			
15	16QAM	1	74	17.85	17.72	17.67	18.5	0	
15	16QAM	36	0	17.73	17.65	17.79			
15	16QAM	36	20	17.82	17.70	17.81			
15	16QAM	36	39	17.75	17.73	17.77	18.5	0	
15	16QAM	75	0	17.84	17.77	17.83			
15	64QAM	1	0	17.74	17.61	17.70			
15	64QAM	1	37	17.75	17.79	17.65	18.5	0	
15	64QAM	1	74	17.67	17.75	17.67			
15	64QAM	36	0	17.85	17.68	17.82			
15	64QAM	36	20	17.67	17.85	17.72	18.5	0	
15	64QAM	36	39	17.82	17.78	17.71			
15	64QAM	75	0	17.73	17.76	17.79			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	17.87	17.92	17.88	18.5	0	
10	QPSK	1	25	17.85	17.76	17.64			
10	QPSK	1	49	17.61	17.70	17.67			
10	QPSK	25	0	17.84	17.77	17.75	18.5	0	
10	QPSK	25	12	17.68	17.81	17.81			
10	QPSK	25	25	17.78	17.76	17.69			
10	QPSK	50	0	17.73	17.87	17.72	18.5	0	
10	16QAM	1	0	17.66	17.82	17.68			
10	16QAM	1	25	17.77	17.74	17.75			
10	16QAM	1	49	17.78	17.79	17.77	18.5	0	
10	16QAM	25	0	17.67	17.77	17.74			
10	16QAM	25	12	17.78	17.77	17.76			
10	16QAM	25	25	17.71	17.65	17.75	18.5	0	
10	16QAM	50	0	17.76	17.71	17.75			
10	64QAM	1	0	17.81	17.71	17.77			
10	64QAM	1	25	17.65	17.85	17.74	18.5	0	
10	64QAM	1	49	17.77	17.65	17.62			
10	64QAM	25	0	17.86	17.80	17.78			
10	64QAM	25	12	17.72	17.85	17.73	18.5	0	
10	64QAM	25	25	17.77	17.73	17.76			
10	64QAM	50	0	17.72	17.73	17.69			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	17.85	17.89	17.84	18.5	0	
5	QPSK	1	12	17.74	17.73	17.68			
5	QPSK	1	24	17.71	17.75	17.61			
5	QPSK	12	0	17.79	17.90	17.76	18.5	0	
5	QPSK	12	7	17.68	17.83	17.78			
5	QPSK	12	13	17.82	17.64	17.69			
5	QPSK	25	0	17.77	17.80	17.74	18.5	0	
5	16QAM	1	0	17.74	17.87	17.60			
5	16QAM	1	12	17.80	17.73	17.75			
5	16QAM	1	24	17.83	17.75	17.66	18.5	0	
5	16QAM	12	0	17.73	17.71	17.72			
5	16QAM	12	7	17.82	17.64	17.77			
5	16QAM	12	13	17.74	17.63	17.66	18.5	0	
5	16QAM	25	0	17.79	17.71	17.72			
5	64QAM	1	0	17.81	17.70	17.66			
5	64QAM	1	12	17.70	17.78	17.66	18.5	0	
5	64QAM	1	24	17.76	17.67	17.72			
5	64QAM	12	0	17.76	17.73	17.80			
5	64QAM	12	7	17.65	17.83	17.72	18.5	0	
5	64QAM	12	13	17.81	17.81	17.77			
5	64QAM	25	0	17.71	17.70	17.66			
Channel				19955	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	17.85	17.82	17.75	18.5	0	
3	QPSK	1	8	17.84	17.83	17.72			
3	QPSK	1	14	17.69	17.77	17.62			
3	QPSK	8	0	17.88	17.81	17.84	18.5	0	
3	QPSK	8	4	17.82	17.86	17.79			
3	QPSK	8	7	17.77	17.66	17.67			
3	QPSK	15	0	17.80	17.83	17.81	18.5	0	
3	16QAM	1	0	17.65	17.80	17.72			
3	16QAM	1	8	17.72	17.86	17.69			
3	16QAM	1	14	17.76	17.78	17.71	18.5	0	
3	16QAM	8	0	17.74	17.69	17.76			
3	16QAM	8	4	17.86	17.68	17.77			
3	16QAM	8	7	17.76	17.77	17.78	18.5	0	
3	16QAM	15	0	17.85	17.76	17.80			
3	64QAM	1	0	17.82	17.67	17.73			
3	64QAM	1	8	17.63	17.82	17.60	18.5	0	
3	64QAM	1	14	17.80	17.73	17.75			
3	64QAM	8	0	17.75	17.72	17.70			
3	64QAM	8	4	17.70	17.85	17.79	18.5	0	
3	64QAM	8	7	17.77	17.70	17.72			
3	64QAM	15	0	17.70	17.77	17.75			
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	17.80	17.79	17.85	18.5	0	
1.4	QPSK	1	1	17.81	17.77	17.71			
1.4	QPSK	1	5	17.69	17.77	17.73			
1.4	QPSK	3	0	17.84	17.77	17.75	18.5	0	
1.4	QPSK	3	1	17.62	17.81	17.76			
1.4	QPSK	3	3	17.82	17.78	17.60			
1.4	QPSK	6	0	17.78	17.74	17.74	18.5		

Band 5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	22.05	22.07	22.03	22.5	0	
10	QPSK	1	25	22.02	21.98	21.89			
10	QPSK	1	49	21.97	21.92	21.86			
10	QPSK	25	0	22.03	22.06	22.01			
10	QPSK	25	12	22.02	21.96	22.00	22.5	0	
10	QPSK	25	25	22.00	22.03	21.94			
10	QPSK	50	0	22.01	22.05	22.00			
10	16QAM	1	0	21.90	22.00	21.87			
10	16QAM	1	25	21.91	22.00	21.93	22.5	0	
10	16QAM	1	49	21.94	21.91	21.99			
10	16QAM	25	0	21.96	21.97	22.00			
10	16QAM	25	12	22.00	22.00	21.99			
10	16QAM	25	25	21.97	21.97	21.97	22.5	0	
10	16QAM	50	0	22.01	21.96	21.98			
10	16QAM	1	0	21.89	22.01	21.97			
10	64QAM	1	25	22.00	21.96	21.99			
10	64QAM	1	49	21.95	21.95	21.89	22	0.5	
10	64QAM	25	0	21.26	21.20	21.29			
10	64QAM	25	12	21.25	21.30	21.28			
10	64QAM	25	25	21.28	21.27	21.18			
10	64QAM	50	0	21.25	21.25	21.27	Tune-up limit (dBm)	MPR (dB)	
Channel				20425	20525	20625			
Frequency (MHz)				825.5	836.5	846.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.98	22.03	21.89			
5	QPSK	1	12	21.90	21.94	21.83	22.5	0	
5	QPSK	1	24	21.85	21.79	21.72			
5	QPSK	12	0	21.94	21.92	21.93			
5	QPSK	12	7	21.93	21.91	21.92			
5	QPSK	12	13	21.96	21.94	21.90	22.5	0	
5	QPSK	25	0	21.88	22.03	21.89			
5	16QAM	1	0	21.83	21.92	21.80			
5	16QAM	1	12	21.86	21.90	21.89			
5	16QAM	1	24	21.82	21.78	21.94	22.5	0	
5	16QAM	12	0	21.83	21.86	21.92			
5	16QAM	12	7	21.94	21.85	21.97			
5	16QAM	12	13	21.89	21.96	21.88			
5	16QAM	25	0	21.89	21.88	21.90	22.5	0	
5	64QAM	1	0	21.79	21.89	21.85			
5	64QAM	1	12	21.94	21.91	21.87			
5	64QAM	1	24	21.81	21.84	21.77			
5	64QAM	12	0	21.14	21.06	21.14	22	0.5	
5	64QAM	12	7	21.20	21.27	21.14			
5	64QAM	12	13	21.19	21.24	21.11			
5	64QAM	25	0	21.17	21.10	21.19			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	21.96	21.92	21.91	22.5	0	
3	QPSK	1	8	21.88	21.93	21.87			
3	QPSK	1	14	21.87	21.89	21.71			
3	QPSK	8	0	21.93	21.94	21.87			
3	QPSK	8	4	21.97	21.89	21.88	22.5	0	
3	QPSK	8	7	21.89	21.91	21.84			
3	QPSK	15	0	21.91	21.97	21.86			
3	16QAM	1	0	21.79	21.92	21.78			
3	16QAM	1	8	21.79	21.94	21.86	22.5	0	
3	16QAM	1	14	21.87	21.76	21.93			
3	16QAM	8	0	21.94	21.89	21.99			
3	16QAM	8	4	21.92	21.87	21.86			
3	16QAM	8	7	21.89	21.84	21.96	22.5	0	
3	16QAM	15	0	21.92	21.81	21.83			
3	64QAM	1	0	21.84	21.90	21.93			
3	64QAM	1	8	21.99	21.92	21.97			
3	64QAM	1	14	21.87	21.94	21.88	22	0.5	
3	64QAM	8	0	21.15	21.17	21.24			
3	64QAM	8	4	21.11	21.27	21.22			
3	64QAM	8	7	21.21	21.19	21.05			
3	64QAM	15	0	21.10	21.21	21.15	Tune-up limit (dBm)	MPR (dB)	
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	21.97	21.97	21.98			
1.4	QPSK	1	3	21.95	21.95	21.76	22.5	0	
1.4	QPSK	1	5	21.92	21.85	21.73			
1.4	QPSK	3	0	21.99	22.01	22.00			
1.4	QPSK	3	1	21.98	21.89	21.92			
1.4	QPSK	3	3	21.88	21.98	21.83	22.5	0	
1.4	QPSK	6	0	21.93	21.99	21.93			
1.4	16QAM	1	0	21.89	21.98	21.82			
1.4	16QAM	1	3	21.81	21.99	21.84			
1.4	16QAM	1	5	21.89	21.88	21.91	22.5	0	
1.4	16QAM	3	0	21.86	21.94	21.85			
1.4	16QAM	3	1	21.90	21.85	21.91			
1.4	16QAM	3	3	21.84	21.82	21.87			
1.4	16QAM	6	0	21.92	21.87	21.93	22.5	0	
1.4	64QAM	1	0	21.85	21.96	21.82			
1.4	64QAM	1	3	21.88	21.82	21.91			
1.4	64QAM	1	5	21.91	21.85	21.88			
1.4	64QAM	3	0	21.95	21.83	21.91	22	0.5	
1.4	64QAM	3	1	21.84	21.92	21.87			
1.4	64QAM	3	3	21.88	21.88	21.87			
1.4	64QAM	6	0	21.20	21.14	21.26			

Band 7_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				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	24.65	24.73	24.63	25	0	
20	QPSK	1	49	24.58	24.71	24.57			
20	QPSK	1	99	24.56	24.68	24.53			
20	QPSK	50	0	24.15	24.23	24.13			
20	QPSK	50	24	24.09	24.19	24.06	24.5	0.5	
20	QPSK	50	50	24.07	24.18	24.01			
20	QPSK	100	0	24.06	24.18	24.02			
20	QPSK	1	0	23.44	23.54	23.48			
20	16QAM	1	49	23.49	23.62	23.47	24	1	
20	16QAM	1	99	23.50	23.59	23.36			
20	16QAM	50	0	22.75	22.92	22.74			
20	16QAM	50	24	22.79	22.90	22.76			
20	16QAM	50	50	22.78	22.90	22.74	23	2	
20	16QAM	100	0	22.76	22.89	22.71			
20	64QAM	1	0	22.86	22.91	22.89			
20	64QAM	1	49	22.96	22.95	22.92			
20	64QAM	1	99	22.96	22.95	22.90	22	3	
20	64QAM	50	0	21.75	21.91	21.72			
20	64QAM	50	24	21.78	21.90	21.74			
20	64QAM	50	50	21.80	21.90	21.71			
20	64QAM	100	0	21.76	21.90	21.72			
Channel				20825	21100	21375	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	24.56	24.65	24.56	25	0	
15	QPSK	1	37	24.48	24.61	24.47			
15	QPSK	1	74	24.47	24.62	24.46			
15	QPSK	36	0	24.09	24.16	24.06			
15	QPSK	36	20	24.04	24.09	23.97	24.5	0.5	
15	QPSK	36	39	23.99	24.12	23.92			
15	QPSK	75	0	24.00	24.10	23.92			
15	16QAM	1	0	23.34	23.53	23.38			
15	16QAM	1	37	23.41	23.52	23.42	24	1	
15	16QAM	1	74	23.45	23.51	23.29			
15	16QAM	36	0	22.70	22.84	22.65			
15	16QAM	36	20	22.71	22.81	22.71			
15	16QAM	36	39	22.69	22.84	22.66	23	2	
15	16QAM	75	0	22.85	22.94	22.82			
15	64QAM	1	0	22.81	22.82	22.81			
15	64QAM	1	37	22.91	22.85	22.82			
15	64QAM	1	74	22.89	22.85	22.81	23	2	
15	64QAM	36	0	21.65	21.81	21.67			
15	64QAM	36	20	21.70	21.80	21.67			
15	64QAM	36	39	21.74	21.82	21.61			
15	64QAM	75	0	21.69	21.83	21.67	22	3	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	24.58	24.67	24.57	25	0	
10	QPSK	1	25	24.50	24.65	24.51			
10	QPSK	1	49	24.47	24.60	24.48			
10	QPSK	25	0	24.05	24.13	24.05			
10	QPSK	25	12	24.02	24.11	23.99	24.5	0.5	
10	QPSK	25	25	23.97	24.13	23.91			
10	QPSK	50	0	23.96	24.11	23.96			
10	16QAM	1	0	23.37	23.53	23.39			
10	16QAM	1	25	23.42	23.52	23.38	24	1	
10	16QAM	1	49	23.40	23.54	23.30			
10	16QAM	25	0	22.67	22.83	22.68			
10	16QAM	25	12	22.72	22.80	22.69			
10	16QAM	25	25	22.71	22.80	22.69	23	2	
10	16QAM	50	0	22.71	22.79	22.62			
10	64QAM	1	0	22.76	22.81	22.83			
10	64QAM	1	25	22.87	22.88	22.82			
10	64QAM	1	49	22.87	22.86	22.84	23	2	
10	64QAM	25	0	21.68	21.86	21.65			
10	64QAM	25	12	21.70	21.85	21.64			
10	64QAM	25	25	21.73	21.86	21.63			
10	64QAM	50	0	21.68	21.85	21.62	22	3	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	24.56	24.67	24.53	25	0	
5	QPSK	1	12	24.51	24.61	24.49			
5	QPSK	1	24	24.49	24.62	24.47			
5	QPSK	12	0	24.06	24.16	24.07			
5	QPSK	12	7	24.01	24.09	23.97	24.5	0.5	
5	QPSK	12	13	24.00	24.09	23.94			
5	QPSK	25	0	23.97	24.08	23.95			
5	16QAM	1	0	23.38	23.52	23.39			
5	16QAM	1	12	23.40	23.52	23.37	24	1	
5	16QAM	1	24	23.44	23.50	23.27			
5	16QAM	12	0	22.69	22.83	22.65			
5	16QAM	12	7	22.72	22.85	22.69			
5	16QAM	12	13	22.72	22.85	22.67	23	2	
5	16QAM	25	0	22.60	22.80	22.64			
5	64QAM	1	0	22.78	22.81	22.83			
5	64QAM	1	12	22.88	22.88	22.87			
5	64QAM	1	24	22.88	22.87	22.85	23	2	
5	64QAM	12	0	21.66	21.86	21.64			
5	64QAM	12	7	21.73	21.84	21.64			
5	64QAM	12	13	21.75	21.82	21.65			
5	64QAM	25	0	21.66	21.82	21.62	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	20.8	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	19.95	19.96	19.93			
20	QPSK	1	49	19.91	19.93	19.80	20.8	0	
20	QPSK	1	99	19.88	19.85	19.90			
20	QPSK	50	0	19.93	19.95	19.91			
20	QPSK	50	24	19.82	19.84	19.78	20.8	0	
20	QPSK	50	50	19.85	19.85	19.88			
20	QPSK	100	0	19.91	19.93	19.90			
20	16QAM	1	0	19.87	19.91	19.85	20.8	0	
20	16QAM	1	49	19.78	19.80	19.77			
20	16QAM	1	99	19.88	19.92	19.77			
20	16QAM	50	0	19.80	19.80	19.88	20.8	0	
20	16QAM	50	24	19.78	19.89	19.83			
20	16QAM	50	50	19.90	19.83	19.87			
20	16QAM	100	0	19.85	19.84	19.90	20.8	0	
20	64QAM	1	0	19.86	19.80	19.87			
20	64QAM	1	49	19.83	19.89	19.80			
20	64QAM	1	99	19.83	19.89	19.77	20.8	0	
20	64QAM	50	0	19.84	19.86	19.76			
20	64QAM	50	24	19.92	19.86	19.90			
20	64QAM	50	50	19.92	19.85	19.82	20.8	0	
20	64QAM	100	0	19.86	19.87	19.85			
Channel				20925	21100	21312	20.8	0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	19.94	19.81	19.90		20.8	
15	QPSK	1	37	19.76	19.90	19.65	20.8	0	
15	QPSK	1	74	19.85	19.70	19.85			
15	QPSK	36	0	19.90	19.89	19.86	20.8	0	
15	QPSK	36	20	19.69	19.77	19.66			
15	QPSK	36	39	19.76	19.76	19.73			
15	QPSK	75	0	19.81	19.90	19.84	20.8	0	
15	16QAM	1	0	19.86	19.81	19.78			
15	16QAM	1	37	19.77	19.73	19.63	20.8	0	
15	16QAM	1	74	19.87	19.81	19.76			
15	16QAM	36	0	19.65	19.71	19.78	20.8	0	
15	16QAM	36	20	19.64	19.81	19.69			
15	16QAM	36	39	19.75	19.71	19.80			
15	16QAM	75	0	19.76	19.75	19.88	20.8	0	
15	64QAM	1	0	19.80	19.71	19.78			
15	64QAM	1	37	19.80	19.80	19.68	20.8	0	
15	64QAM	1	74	19.73	19.76	19.75			
15	64QAM	36	0	19.77	19.79	19.61	20.8	0	
15	64QAM	36	20	19.90	19.73	19.79			
15	64QAM	36	39	19.80	19.80	19.79			
15	64QAM	75	0	19.79	19.85	19.78	20.8	0	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565	20.8	0	
10	QPSK	1	0	19.82	19.85	19.81			
10	QPSK	1	25	19.85	19.83	19.78	20.8	0	
10	QPSK	1	49	19.87	19.82	19.88			
10	QPSK	25	0	19.78	19.83	19.89	20.8	0	
10	QPSK	25	12	19.80	19.72	19.63			
10	QPSK	25	25	19.73	19.77	19.87			
10	QPSK	50	0	19.76	19.85	19.84	20.8	0	
10	16QAM	1	0	19.83	19.79	19.77			
10	16QAM	1	25	19.64	19.75	19.74	20.8	0	
10	16QAM	1	49	19.83	19.83	19.74			
10	16QAM	25	0	19.77	19.70	19.75			
10	16QAM	25	12	19.63	19.75	19.82	20.8	0	
10	16QAM	25	25	19.87	19.73	19.85			
10	16QAM	50	0	19.76	19.77	19.77			
10	64QAM	1	0	19.78	19.75	19.83	20.8	0	
10	64QAM	1	25	19.68	19.78	19.67			
10	64QAM	1	49	19.75	19.83	19.72			
10	64QAM	25	0	19.70	19.85	19.64	20.8	0	
10	64QAM	25	12	19.78	19.83	19.83			
10	64QAM	25	25	19.88	19.77	19.67			
10	64QAM	50	0	19.72	19.86	19.79	20.8	0	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	20.8	0	
5	QPSK	1	0	19.91	19.95	19.84			
5	QPSK	1	12	19.90	19.80	19.74	20.8	0	
5	QPSK	1	24	19.86	19.74	19.85			
5	QPSK	12	0	19.89	19.87	19.80	20.8	0	
5	QPSK	12	7	19.81	19.82	19.70			
5	QPSK	12	13	19.76	19.76	19.81			
5	QPSK	25	0	19.76	19.79	19.79	20.8	0	
5	16QAM	1	0	19.80	19.84	19.76			
5	16QAM	1	12	19.74	19.74	19.74			
5	16QAM	1	24	19.77	19.82	19.74	20.8	0	
5	16QAM	12	0	19.76	19.73	19.82			
5	16QAM	12	7	19.63	19.79	19.71			
5	16QAM	12	13	19.86	19.77	19.79	20.8	0	
5	16QAM	25	0	19.82	19.83	19.75			
5	64QAM	1	0	19.74	19.72	19.74			
5	64QAM	1	12	19.79	19.86	19.76	20.8	0	
5	64QAM	1	24	19.81	19.80	19.74			
5	64QAM	12	0	19.78	19.77	19.64			
5	64QAM	12	7	19.77	19.78	19.84	20.8	0	
5	64QAM	12	13	19.82	19.84	19.68			
5	64QAM	25	0	19.85	19.74	19.76			

Band 12_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130				
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	24.26	24.28	24.25	25	0		
10	QPSK	1	25	24.09	24.13	24.17				
10	QPSK	1	49	24.22	24.25	24.24				
10	QPSK	25	0	23.25	23.26	23.23	24	1		
10	QPSK	25	12	23.23	23.19	23.20				
10	QPSK	25	25	23.24	23.24	23.21				
10	QPSK	50	0	23.20	23.23	23.19	24	1		
10	16QAM	1	0	23.36	23.47	23.41				
10	16QAM	1	25	23.49	23.46	23.45				
10	16QAM	1	49	23.53	23.52	23.46	23	2		
10	16QAM	25	0	22.11	22.12	22.15				
10	16QAM	25	12	22.16	22.16	22.19				
10	16QAM	25	25	22.20	22.19	22.19	22	3		
10	16QAM	50	0	22.19	22.19	22.18				
10	64QAM	1	0	22.22	22.32	22.28				
10	64QAM	1	25	22.34	22.37	22.35	23	2		
10	64QAM	1	49	22.36	22.43	22.36				
10	64QAM	25	0	21.11	21.12	21.13				
10	64QAM	25	12	21.16	21.17	21.18	22	3		
10	64QAM	25	25	21.18	21.20	21.17				
10	64QAM	50	0	21.14	21.15	21.15				
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				701.5	707.5	713.5				
5	QPSK	1	0	24.20	24.21	24.10	25	0		
5	QPSK	1	12	23.95	24.00	24.09				
5	QPSK	1	24	24.19	24.15	24.10				
5	QPSK	12	0	23.17	23.20	23.12	24	1		
5	QPSK	12	7	23.15	23.14	23.08				
5	QPSK	12	13	23.19	23.16	23.16				
5	QPSK	25	0	23.26	23.15	23.12	24	1		
5	16QAM	1	0	23.26	23.43	23.41				
5	16QAM	1	12	23.39	23.37	23.31				
5	16QAM	1	24	23.41	23.39	23.36	23	2		
5	16QAM	12	0	22.06	22.04	22.01				
5	16QAM	12	7	22.07	22.11	22.16				
5	16QAM	12	13	22.10	22.07	22.07	23	2		
5	64QAM	1	0	22.15	22.19	22.22				
5	64QAM	1	12	22.21	22.35	22.28				
5	64QAM	1	24	22.34	22.42	22.28	22	3		
5	64QAM	12	0	20.98	21.08	21.04				
5	64QAM	12	7	21.10	21.04	21.13				
5	64QAM	12	13	21.16	21.05	21.14	23	2		
5	64QAM	25	0	21.01	21.07	21.13				
Channel				23025	23095	23165				Tune-up limit (dBm)
Frequency (MHz)				700.5 <th>707.5<th>714.5</th><th></th><th></th><th></th></th>	707.5 <th>714.5</th> <th></th> <th></th> <th></th>	714.5				
3	QPSK	1	0	24.16	24.17	24.16	25	0		
3	QPSK	1	8	24.01	24.12	24.04				
3	QPSK	1	14	24.08	24.19	24.09				
3	QPSK	8	0	23.20	23.25	23.10	24	1		
3	QPSK	8	4	23.21	23.04	23.16				
3	QPSK	8	7	23.13	23.18	23.19				
3	QPSK	15	0	23.10	23.19	23.09	24	1		
3	16QAM	1	0	23.26	23.32	23.40				
3	16QAM	1	8	23.45	23.44	23.30				
3	16QAM	1	14	23.47	23.50	23.36	23	2		
3	16QAM	8	0	21.98	22.00	22.07				
3	16QAM	8	4	22.09	22.15	22.08				
3	16QAM	8	7	22.05	22.17	22.09	23	2		
3	16QAM	15	0	22.05	22.18	22.03				
3	64QAM	1	0	22.14	22.27	22.18				
3	64QAM	1	8	22.26	22.29	22.23	23	2		
3	64QAM	1	14	22.24	22.34	22.21				
3	64QAM	8	0	21.09	21.07	21.10				
3	64QAM	8	4	21.02	21.02	21.14	22	3		
3	64QAM	8	7	21.11	21.16	21.12				
3	64QAM	15	0	21.07	21.02	21.00				
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	24.21	24.24	24.10	25	0		
1.4	QPSK	1	3	24.06	24.08	24.14				
1.4	QPSK	1	5	24.08	24.23	24.10				
1.4	QPSK	3	0	24.25	24.25	24.10	24	1		
1.4	QPSK	3	1	23.95	23.98	24.13				
1.4	QPSK	3	3	24.17	24.23	24.19				
1.4	QPSK	6	0	23.20	23.12	23.13	24	1		
1.4	16QAM	1	0	23.14	23.15	23.07				
1.4	16QAM	1	3	23.22	23.16	23.09				
1.4	16QAM	1	5	23.09	23.12	23.12	24	1		
1.4	16QAM	3	0	23.28	23.39	23.43				
1.4	16QAM	3	1	23.45	23.37	23.37				
1.4	16QAM	3	3	23.42	23.42	23.45	23	2		
1.4	16QAM	6	0	22.07	22.07	22.00				
1.4	64QAM	1	0	22.03	22.02	22.08				
1.4	64QAM	1	3	22.11	22.06	22.08	23	2		
1.4	64QAM	1	5	22.07	22.16	22.05				
1.4	64QAM	3	0	22.17	22.29	22.26				
1.4	64QAM	3	1	22.33	22.29	22.23	22	3		
1.4	64QAM	3	3	22.28	22.34	22.22				
1.4	64QAM	6	0	21.01	21.08	21.10				

Band 12_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)		
Channel				23060	23095	23130				
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	24.43	24.50	24.41	25	0		
10	QPSK	1	25	24.21	24.30	24.30				
10	QPSK	1	49	24.36	24.41	24.38				
10	QPSK	25	0	23.41	23.43	23.40	24	1		
10	QPSK	25	12	23.31	23.30	23.34				
10	QPSK	25	25	23.34	23.35	23.35				
10	QPSK	50	0	23.33	23.40	23.33	24	1		
10	16QAM	1	0	23.50	23.52	23.58				
10	16QAM	1	25	23.53	23.52	23.59				
10	16QAM	1	49	23.60	23.65	23.63	23	2		
10	16QAM	25	0	22.25	22.23	22.28				
10	16QAM	25	12	22.31	22.29	22.31				
10	16QAM	25	25	22.33	22.34	22.34	23	2		
10	16QAM	50	0	22.32	22.29	22.31				
10	64QAM	1	0	22.36	22.37	22.42				
10	64QAM	1	25	22.46	22.45	22.49	23	2		
10	64QAM	1	49	22.52	22.52	22.56				
10	64QAM	25	0	21.23	21.24	21.27				
10	64QAM	25	12	21.30	21.29	21.32	22	3		
10	64QAM	25	25	21.32	21.31	21.32				
10	64QAM	50	0	21.28	21.27	21.30				
Channel				23035	23095	23155	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				701.5	707.5	713.5				
5	QPSK	1	0	24.31	24.33	24.40	25	0		
5	QPSK	1	12	24.16	24.21	24.27				
5	QPSK	1	24	24.29	24.35	24.34				
5	QPSK	12	0	23.31	23.40	23.34	24	1		
5	QPSK	12	7	23.32	23.37	23.38				
5	QPSK	12	13	23.33	23.30	23.22				
5	QPSK	25	0	23.22	23.26	23.19	24	1		
5	16QAM	1	0	23.37	23.37	23.46				
5	16QAM	1	12	23.41	23.42	23.46				
5	16QAM	1	24	23.54	23.57	23.62	23	2		
5	16QAM	12	0	22.21	22.17	22.17				
5	16QAM	12	7	22.22	22.17	22.28				
5	16QAM	12	13	22.29	22.20	22.25	23	2		
5	16QAM	25	0	22.14	22.14	22.23				
5	64QAM	1	0	22.30	22.27	22.38				
5	64QAM	1	12	22.31	22.31	22.36	23	2		
5	64QAM	1	24	22.45	22.45	22.46				
5	64QAM	12	0	21.15	21.22	21.22				
5	64QAM	12	7	21.25	21.24	21.27	22	3		
5	64QAM	12	13	21.24	21.28	21.27				
5	64QAM	25	0	21.21	21.17	21.26				
Channel				23025	23095	23125	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				700.5	707.5	714.5				
3	QPSK	1	0	24.29	24.37	24.43	25	0		
3	QPSK	1	8	24.16	24.21	24.27				
3	QPSK	1	14	24.29	24.31	24.30				
3	QPSK	8	0	23.33	23.38	23.32	24	1		
3	QPSK	8	4	23.27	23.24	23.25				
3	QPSK	8	7	23.25	23.28	23.20				
3	QPSK	15	0	23.28	23.33	23.18	24	1		
3	16QAM	1	0	23.36	23.45	23.49				
3	16QAM	1	8	23.47	23.50	23.57				
3	16QAM	1	14	23.48	23.55	23.53	23	2		
3	16QAM	8	0	22.13	22.14	22.14				
3	16QAM	8	4	22.16	22.22	22.30				
3	16QAM	8	7	22.20	22.20	22.32	23	2		
3	16QAM	15	0	22.17	22.24	22.27				
3	64QAM	1	0	22.26	22.25	22.37				
3	64QAM	1	8	22.32	22.35	22.36	23	2		
3	64QAM	1	14	22.42	22.46	22.53				
3	64QAM	8	0	21.21	21.14	21.21				
3	64QAM	8	4	21.18	21.27	21.28	22	3		
3	64QAM	8	7	21.17	21.17	21.18				
3	64QAM	15	0	21.16	21.18	21.27				
Channel				23017	23095	23173	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	24.34	24.36	24.34	25	0		
1.4	QPSK	1	3	24.13	24.20	24.20				
1.4	QPSK	1	5	24.22	24.32	24.31				
1.4	QPSK	3	0	24.35	24.32	24.30	24	1		
1.4	QPSK	3	1	24.20	24.18	24.18				
1.4	QPSK	3	3	24.25	24.37	24.27				
1.4	QPSK	6	0	23.36	23.42	23.32	24	1		
1.4	16QAM	1	0	23.19	23.20	23.25				
1.4	16QAM	3	0	23.30	23.25	23.24				
1.4	16QAM	1	5	23.25	23.35	23.22	24	1		
1.4	16QAM	3	0	23.40	23.51	23.44				
1.4	16QAM	3	1	23.52	23.49	23.57				
1.4	16QAM	3	3	23.48	23.56	23.61	23	2		
1.4	16QAM	6	0	22.10	22.14	22.14				
1.4	64QAM	1	0	22.23	22.17	22.29				
1.4	64QAM	1	3	22.20	22.21	22.27	23	2		
1.4	64QAM	1	5	22.16	22.25	22.25				
1.4	64QAM	3	0	22.23	22.32	22.29				
1.4	64QAM	3	1	22.45	22.25	22.34	22	3		
1.4	64QAM	3	3	22.49	22.50	22.53				
1.4	64QAM	6	0	21.09	21.10	21.25				

Band 13_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23230			782	24.5	0
Frequency (MHz)									
10	QPSK	1	0		24.22		24	0.5	
10	QPSK	1	25		24.15				
10	QPSK	1	49		24.18				
10	QPSK	25	0		23.58				
10	QPSK	25	12		23.54		23	1.5	
10	QPSK	25	25		23.52				
10	QPSK	50	0		23.55				
10	16QAM	1	0		23.82				
10	16QAM	1	25		23.87		24	0.5	
10	16QAM	1	49		23.87				
10	16QAM	25	0		22.53				
10	16QAM	25	12		22.53				
10	16QAM	25	25		22.56		23	2	
10	16QAM	50	0		22.58				
10	64QAM	1	0		22.71				
10	64QAM	1	25		22.77				
10	64QAM	1	49		22.73		23	1.5	
10	64QAM	25	0		21.56				
10	64QAM	25	12		21.56				
10	64QAM	25	25		21.59				
10	64QAM	50	0		21.60		22	2.5	
Channel				23205					
Frequency (MHz)				779.5					
5	QPSK	1	0	24.15	24.15	24.15	24.5	0	
5	QPSK	1	12	24.13	24.07	24.12			
5	QPSK	1	24	24.07	24.16	24.15			
5	QPSK	12	0	23.50	23.50	23.49			
5	QPSK	12	7	23.45	23.48	23.51	24	0.5	
5	QPSK	12	13	23.40	23.45	23.39			
5	QPSK	25	0	23.50	23.46	23.47			
5	16QAM	1	0	23.76	23.67	23.75			
5	16QAM	1	12	23.84	23.86	23.84	24	0.5	
5	16QAM	1	24	23.76	23.73	23.85			
5	16QAM	12	0	22.51	22.49	22.48			
5	16QAM	12	7	22.38	22.42	22.51			
5	16QAM	12	13	22.50	22.41	22.43	23	1.5	
5	16QAM	25	0	22.51	22.55	22.43			
5	64QAM	1	0	22.68	22.57	22.59			
5	64QAM	1	12	22.74	22.68	22.74			
5	64QAM	1	24	22.72	22.62	22.63	23	2	
5	64QAM	12	0	21.46	21.51	21.55			
5	64QAM	12	7	21.41	21.50	21.43			
5	64QAM	12	13	21.46	21.54	21.49			
5	64QAM	25	0	21.48	21.45	21.46	22	2.5	
Channel				23205					
Frequency (MHz)				779.5					
5	QPSK	1	0	24.15	24.15	24.15	24.5	0	
5	QPSK	1	12	24.13	24.07	24.12			
5	QPSK	1	24	24.07	24.16	24.15			
5	QPSK	12	0	23.50	23.50	23.49			
5	QPSK	12	7	23.45	23.48	23.51	24	0.5	
5	QPSK	12	13	23.40	23.45	23.39			
5	QPSK	25	0	23.50	23.46	23.47			
5	16QAM	1	0	23.76	23.67	23.75			
5	16QAM	1	12	23.84	23.86	23.84	24	0.5	
5	16QAM	1	24	23.76	23.73	23.85			
5	16QAM	12	0	22.51	22.49	22.48			
5	16QAM	12	7	22.38	22.42	22.51			
5	16QAM	12	13	22.50	22.41	22.43	23	1.5	
5	16QAM	25	0	22.51	22.55	22.43			
5	64QAM	1	0	22.68	22.57	22.59			
5	64QAM	1	12	22.74	22.68	22.74			
5	64QAM	1	24	22.72	22.62	22.63	23	2	
5	64QAM	12	0	21.46	21.51	21.55			
5	64QAM	12	7	21.41	21.50	21.43			
5	64QAM	12	13	21.46	21.54	21.49			
5	64QAM	25	0	21.48	21.45	21.46	22	2.5	
Channel				23205					
Frequency (MHz)				779.5					

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	24.23	24.25	24.21	25	0	
10	QPSK	1	25	24.14	24.20	24.18			
10	QPSK	1	49	24.20	24.24	24.16			
10	QPSK	25	0	23.25	23.27	23.23			
10	QPSK	25	12	23.24	23.22	23.21	24	1	
10	QPSK	25	25	23.21	23.25	23.18			
10	QPSK	50	0	23.23	23.25	23.22			
10	16QAM	1	0	23.51	23.46	23.47			
10	16QAM	1	25	23.49	23.45	23.46	24	1	
10	16QAM	1	49	23.46	23.55	23.46			
10	16QAM	25	0	22.18	22.17	22.19			
10	16QAM	25	12	22.21	22.19	22.20			
10	16QAM	25	25	22.25	22.21	22.22	23	2	
10	16QAM	50	0	22.22	22.21	22.21			
10	64QAM	1	0	22.38	22.33	22.34			
10	64QAM	1	25	22.41	22.42	22.38			
10	64QAM	1	49	22.33	22.40	22.43	23	2	
10	64QAM	25	0	21.17	21.16	21.17			
10	64QAM	25	12	21.21	21.19	21.21			
10	64QAM	25	25	21.24	21.21	21.21			
10	64QAM	50	0	21.18	21.18	21.18	22	3	
Channel				23755	23790	23825			
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	24.14	24.17	24.09	25	0	
5	QPSK	1	12	23.99	24.12	24.13			
5	QPSK	1	24	24.12	24.12	24.11			
5	QPSK	12	0	23.15	23.26	23.22			
5	QPSK	12	7	23.10	23.08	23.20	24	1	
5	QPSK	12	13	23.09	23.23	23.15			
5	QPSK	25	0	23.17	23.12	23.07			
5	16QAM	1	0	23.45	23.39	23.39			
5	16QAM	1	12	23.44	23.36	23.37	24	1	
5	16QAM	1	24	23.41	23.48	23.39			
5	16QAM	12	0	22.08	22.10	22.12			
5	16QAM	12	7	22.07	22.16	22.10			
5	16QAM	12	13	22.19	22.11	22.11	23	2	
5	16QAM	25	0	22.10	22.20	22.20			
5	64QAM	1	0	22.23	22.18	22.22			
5	64QAM	1	12	22.34	22.35	22.29			
5	64QAM	1	24	22.30	22.35	22.37	23	2	
5	64QAM	12	0	21.05	21.04	21.16			
5	64QAM	12	7	21.06	21.07	21.06			
5	64QAM	12	13	21.11	21.15	21.16			
5	64QAM	25	0	21.16	21.09	21.06	22	3	

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	24.45	24.48	24.43	24	1	
10	QPSK	1	25	24.30	24.37	24.36			
10	QPSK	1	49	24.38	24.44	24.40			
10	QPSK	25	0	23.43	23.46	23.41			
10	QPSK	25	12	23.36	23.36	23.37	23	2	
10	QPSK	25	25	23.42	23.39	23.40			
10	QPSK	50	0	23.38	23.45	23.37			
10	16QAM	1	0	23.57	23.60	23.64			
10	16QAM	1	25	23.67	23.61	23.60	24	1	
10	16QAM	1	49	23.57	23.68	23.63			
10	16QAM	25	0	22.33	22.29	22.31			
10	16QAM	25	12	22.34	22.33	22.35			
10	16QAM	25	25	22.40	22.37	22.38	23	2	
10	16QAM	50	0	22.37	22.35	22.35			
10	64QAM	1	0	22.46	22.45	22.47			
10	64QAM	1	25	22.48	22.51	22.52			
10	64QAM	1	49	22.53	22.54	22.54	22	3	
10	64QAM	25	0	21.29	21.28	21.31			
10	64QAM	25	12	21.33	21.32	21.32			
10	64QAM	25	25	21.37	21.37	21.37			
10	64QAM	50	0	21.33	21.33	21.33			
Channel				23755 <th>23790</th> <th>23825</th>	23790	23825			
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	24.34	24.42	24.38	25	0	
5	QPSK	1	12	24.18	24.34	24.26			
5	QPSK	1	24	24.29	24.43	24.34			
5	QPSK	12	0	23.29	23.31	23.36			
5	QPSK	12	7	23.34	23.30	23.24	24	1	
5	QPSK	12	13	23.29	23.24	23.39			
5	QPSK	25	0	23.34	23.44	23.32			
5	16QAM	1	0	23.48	23.51	23.57			
5	16QAM	1	12	23.66	23.58	23.53	24	1	
5	16QAM	1	24	23.49	23.39	23.51			
5	16QAM	12	0	22.22	22.24	22.20			
5	16QAM	12	7	22.29	22.25	22.24			
5	16QAM	12	13	22.31	22.26	22.35	23	2	
5	16QAM	25	0	22.31	22.23	22.22			
5	64QAM	1	0	22.45	22.32	22.38			
5	64QAM	1	12	22.43	22.36	22.46			
5	64QAM	1	24	22.47	22.43	22.46	23	2	
5	64QAM	12	0	21.14	21.19	21.29			
5	64QAM	12	7	21.20	21.26	21.17			
5	64QAM	12	13	21.36	21.26	21.32			
5	64QAM	25	0	21.31	21.31	21.30	22	3	

Band 26_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				26765	26865	26965	25	0		
Frequency (MHz)				821.5	831.5	841.5				
15	QPSK	1	0	24.36	24.38	24.35				
15	QPSK	1	37	24.24	24.35	24.27				
15	QPSK	1	74	24.28	24.21	24.26	24	1		
15	QPSK	36	0	23.35	23.35	23.31				
15	QPSK	36	20	23.21	23.18	23.16				
15	QPSK	36	39	23.21	23.19	23.16				
15	QPSK	75	0	23.24	23.31	23.22	24	1		
15	16QAM	1	0	23.48	23.51	23.51				
15	16QAM	1	37	23.53	23.59	23.48				
15	16QAM	1	74	23.57	23.48	23.50				
15	16QAM	36	0	22.25	22.21	22.26	23	2		
15	16QAM	36	20	22.27	22.25	22.28				
15	16QAM	36	39	22.24	22.26	22.21				
15	16QAM	75	0	22.31	22.23	22.27				
15	64QAM	1	0	22.46	22.44	22.40	23	2		
15	64QAM	1	37	22.46	22.40	22.47				
15	64QAM	1	74	22.36	22.43	22.33				
15	64QAM	36	0	21.23	21.23	21.26				
15	64QAM	36	20	21.28	21.27	21.30	22	3		
15	64QAM	36	39	21.28	21.25	21.22				
15	64QAM	75	0	21.25	21.22	21.25				
Channel				26740	26865	26960	25	0		
Frequency (MHz)				819	831.5	844				
10	QPSK	1	0	24.26	24.33	24.30				
10	QPSK	1	25	24.17	24.25	24.20				
10	QPSK	1	49	24.17	24.13	24.13	24	1		
10	QPSK	25	0	23.30	23.23	23.28				
10	QPSK	25	12	23.17	23.17	23.11				
10	QPSK	25	25	23.17	23.17	23.01				
10	QPSK	50	0	23.16	23.25	23.20	24	1		
10	16QAM	1	0	23.38	23.38	23.50				
10	16QAM	1	25	23.49	23.48	23.37				
10	16QAM	1	49	23.53	23.45	23.44				
10	16QAM	25	0	22.15	22.20	22.14	23	2		
10	16QAM	25	12	22.20	22.21	22.20				
10	16QAM	25	25	22.15	22.20	22.11				
10	16QAM	50	0	22.29	22.20	22.18				
10	64QAM	1	0	22.37	22.36	22.25	23	2		
10	64QAM	1	25	22.36	22.26	22.36				
10	64QAM	1	49	22.35	22.28	22.31				
10	64QAM	25	0	21.10	21.12	21.23				
10	64QAM	25	12	21.13	21.12	21.25	22	3		
10	64QAM	25	25	21.20	21.17	21.11				
10	64QAM	50	0	21.22	21.15	21.12				
Channel				26715	26865	27015	25	0		
Frequency (MHz)				816.5	831.5	846.5				
5	QPSK	1	0	24.22	24.34	24.30				
5	QPSK	1	12	24.13	24.31	24.21				
5	QPSK	1	24	24.13	24.18	24.14	24	1		
5	QPSK	12	0	23.28	23.24	23.22				
5	QPSK	12	7	23.12	23.04	23.06				
5	QPSK	12	13	23.15	23.15	23.13				
5	QPSK	25	0	23.22	23.23	23.18	24	1		
5	16QAM	1	0	23.37	23.38	23.37				
5	16QAM	1	12	23.49	23.50	23.39				
5	16QAM	1	24	23.49	23.41	23.49				
5	16QAM	12	0	22.14	22.17	22.14	23	2		
5	16QAM	12	7	22.26	22.21	22.24				
5	16QAM	12	13	22.14	22.16	22.16				
5	16QAM	25	0	22.16	22.19	22.25				
5	64QAM	1	0	22.35	22.33	22.28	23	2		
5	64QAM	1	12	22.37	22.38	22.37				
5	64QAM	1	24	22.28	22.32	22.19				
5	64QAM	12	0	21.09	21.17	21.17				
5	64QAM	12	7	21.13	21.17	21.25	22	3		
5	64QAM	12	13	21.17	21.18	21.09				
5	64QAM	25	0	21.20	21.09	21.20				
Channel				26705	26865	27025	25	0		
Frequency (MHz)				815.5	831.5	847.5				
3	QPSK	1	0	24.26	24.28	24.31				
3	QPSK	1	8	24.23	24.22	24.16				
3	QPSK	1	14	24.16	24.11	24.21	24	1		
3	QPSK	8	0	23.19	23.24	23.26				
3	QPSK	8	4	23.10	23.17	23.08				
3	QPSK	8	7	23.18	23.11	23.06				
3	QPSK	15	0	23.13	23.30	23.19	24	1		
3	16QAM	1	0	23.36	23.43	23.38				
3	16QAM	1	8	23.43	23.45	23.45				
3	16QAM	1	14	23.50	23.43	23.36				
3	16QAM	8	0	22.18	22.18	22.21	23	2		
3	16QAM	8	4	22.23	22.16	22.27				
3	16QAM	8	7	22.13	22.13	22.13				
3	16QAM	15	0	22.30	22.21	22.25				
3	64QAM	1	0	22.36	22.35	22.26	23	2		
3	64QAM	1	8	22.40	22.33	22.41				
3	64QAM	1	14	22.26	22.41	22.21				
3	64QAM	8	0	21.11	21.22	21.20				
3	64QAM	8	4	21.14	21.23	21.27	22	3		
3	64QAM	8	7	21.17	21.12	21.12				
3	64QAM	15	0	21.10	21.11	21.22				
Channel				26697	26865	27033	25	0		
Frequency (MHz)				814.7	831.5	848.3				
1.4	QPSK	1	0	24.22	24.25	24.34				
1.4	QPSK	1	3	24.23	24.27	24.15				
1.4	QPSK	1	5	24.27	24.20	24.22	25	0		
1.4	QPSK	3	0	24.21	24.28	24.28				
1.4	QPSK	3	1	24.19	24.31	24.13				
1.4	QPSK	3	3	24.24	24.09	24.15				
1.4	QPSK	6	0	23.22	23.26	23.26	24	1		
1.4	16QAM	1	0	23.18	23.12	23.01				
1.4	16QAM	1	3	23.15	23.05	23.05				
1.4	16QAM	1	5	23.19	23.27	23.14				
1.4	16QAM	3	0	23.42	23.40	23.37	23	2		
1.4	16QAM	3	1	23.43	23.57	23.40				
1.4	16QAM	3	3	23.47	23.36	23.48				
1.4	16QAM	6	0	22.15	22.17	22.24				
1.4	64QAM	1	0	22.22	22.11	22.27	23	2		
1.4	64QAM	1	3	22.12	22.17	22.14				
1.4	64QAM	1	5	22.30	22.14	22.25				
1.4	64QAM	3	0	22.39	22.33	22.36				
1.4	64QAM	3	1	22.45	22.32	22.40	22	3		
1.4	64QAM	3	3	22.27	22.31	22.22				
1.4	64QAM	6	0	21.13	21.11	21.23				

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	22.01	22.03	22.00				
15	QPSK	1	37	21.96	21.95	21.93	22.5	0		
15	QPSK	1	74	21.91	21.94	21.93				
15	QPSK	36	0	22.00	22.01	21.98				
15	QPSK	36	20	21.87	21.97	21.88	22.5	0		
15	QPSK	36	39	21.85	21.90	21.97				
15	QPSK	75	0	21.98	22.00	21.97				
15	16QAM	1	0	21.95	21.94	21.93	22.5	0		
15	16QAM	1	37	21.85	21.90	21.91				
15	16QAM	1	74	21.92	21.91	21.97				
15	16QAM	36	0	21.98	21.87	21.96				
15	16QAM	36	20	21.91	22.00	21.89	22.5	0		
15	16QAM	36	39	21.96	21.90	21.94				
15	16QAM	75	0	21.88	21.88	21.96				
15	64QAM	1	0	21.94	21.88	21.86				
15	64QAM	1	37	21.95	21.94	21.93	22.5	0		
15	64QAM	1	74	21.96	21.91	21.93				
15	64QAM	36	0	21.33	21.23	21.28				
15	64QAM	36	20	21.30	21.24	21.28				
15	64QAM	36	39	21.30	21.25	21.23	22	0.5		
15	64QAM	75	0	21.31	21.22	21.26				
Channel				26740	26865	26990	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				819	831.5	844				
10	QPSK	1	0	22.00	21.96	21.85				
10	QPSK	1	25	21.80	21.90	21.82	22.5	0		
10	QPSK	1	49	21.82	21.86	21.76				
10	QPSK	25	0	21.88	21.80	21.89				
10	QPSK	25	12	21.74	21.85	21.80	22.5	0		
10	QPSK	25	25	21.83	21.83	21.92				
10	QPSK	50	0	21.84	21.97	21.94				
10	16QAM	1	0	21.73	21.80	21.70				
10	16QAM	1	25	21.82	21.87	21.82	22.5	0		
10	16QAM	1	49	21.78	21.79	21.84				
10	16QAM	25	0	21.91	21.81	21.81				
10	16QAM	25	12	21.77	21.99	21.88	22.5	0		
10	16QAM	25	25	21.84	21.84	21.92				
10	16QAM	50	0	21.81	21.85	21.92				
10	64QAM	1	0	21.81	21.88	21.81				
10	64QAM	1	25	21.86	21.90	21.82	22.5	0		
10	64QAM	1	49	21.94	21.82	21.78				
10	64QAM	25	0	21.22	21.13	21.20				
10	64QAM	25	12	21.27	21.19	21.14	22	0.5		
10	64QAM	25	25	21.27	21.20	21.17				
10	64QAM	50	0	21.26	21.21	21.17				
Channel				26715	26865	27015	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				816.5	831.5	846.5				
5	QPSK	1	0	21.93	21.92	21.88				
5	QPSK	1	12	21.87	21.94	21.80	22.5	0		
5	QPSK	1	24	21.82	21.87	21.80				
5	QPSK	12	0	21.98	21.90	21.95				
5	QPSK	12	7	21.79	21.86	21.86	22.5	0		
5	QPSK	12	13	21.81	21.79	21.92				
5	QPSK	25	0	21.89	21.91	21.86				
5	16QAM	1	0	21.79	21.83	21.68				
5	16QAM	1	12	21.76	21.87	21.67	22.5	0		
5	16QAM	1	24	21.86	21.78	21.85				
5	16QAM	12	0	21.95	21.84	21.94				
5	16QAM	12	7	21.77	21.86	21.88	22.5	0		
5	16QAM	12	13	21.86	21.83	21.81				
5	16QAM	25	0	21.73	21.81	21.81				
5	64QAM	1	0	21.84	21.85	21.83				
5	64QAM	1	12	21.95	21.84	21.78				
5	64QAM	1	24	21.91	21.87	21.83	22.5	0		
5	64QAM	12	0	21.31	21.11	21.13				
5	64QAM	12	7	21.15	21.12	21.13				
5	64QAM	12	13	21.20	21.12	21.14	22	0.5		
5	64QAM	25	0	21.25	21.17	21.17				
Channel				26705	26865	27025	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				815.5	831.5	847.5				
3	QPSK	1	0	21.87	21.95	21.85				
3	QPSK	1	8	21.83	21.92	21.82	22.5	0		
3	QPSK	1	14	21.82	21.85	21.69				
3	QPSK	8	0	21.92	21.98	21.91				
3	QPSK	8	7	21.84	21.87	21.93	22.5	0		
3	QPSK	8	7	21.76	21.89	21.85				
3	QPSK	15	0	21.87	21.90	21.87				
3	16QAM	1	0	21.84	21.80	21.68				
3	16QAM	1	8	21.76	21.88	21.82	22.5	0		
3	16QAM	1	14	21.78	21.85	21.91				
3	16QAM	8	0	21.84	21.84	21.89				
3	16QAM	8	4	21.85	21.96	21.74	22.5	0		
3	16QAM	8	7	21.95	21.82	21.86				
3	16QAM	15	0	21.77	21.76	21.85				
3	64QAM	1	0	21.91	21.77	21.76				
3	64QAM	1	8	21.91	21.93	21.85	22.5	0		
3	64QAM	1	14	21.83	21.89	21.86				
3	64QAM	8	0	21.20	21.15	21.14				
3	64QAM	8	4	21.18	21.14	21.15	22	0.5		
3	64QAM	8	7	21.15	21.16	21.15				
3	64QAM	15	0	21.28	21.08	21.24				
Channel				26697	26865	27033	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				814.7	831.5	848.3				
1.4	QPSK	1	0	21.87	21.93	21.89				
1.4	QPSK	1	3	21.92	21.81	21.85	22.5	0		
1.4	QPSK	1	5	21.90	21.79	21.71				
1.4	QPSK	3	0	21.90	21.86	21.85				
1.4	QPSK	3	1	21.76	21.85	21.76				
1.4	QPSK	3	3	21.78	21.79	21.93				
1.4	QPSK	6	0	21.87	21.98	21.83	22.5	0		
1.4	16QAM	1	0	21.83	21.85	21.78				
1.4	16QAM	1	3	21.71	21.81	21.80				
1.4	16QAM	1	5	21.91	21.79	21.84	22.5	0		
1.4	16QAM	3	0	21.87	21.77	21.86				
1.4	16QAM	3	1	21.76	21.85	21.74				
1.4	16QAM	3	3	21.92	21.78	21.81				
1.4	16QAM	6	0	21.85	21.79	21.86	22.5	0		
1.4	64QAM	1	0	21.86	21.78	21.80				
1.4	64QAM	1	3	21.89	21.93	21.87				
1.4	64QAM	1	5	21.80	21.77	21.91	22.5	0		
1.4	64QAM	3	0	21.80	21.76	21.95				
1.4	64QAM	3	1	21.70	21.83	21.83				
1.4	64QAM	3	3	21.91	21.81	21.84				
1.4	64QAM	6	0	21.25	21.21	21.25	22	0	0.5	

Band 66_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				132072	132322	132572				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	24.45	24.50	24.45	25	0		
20	QPSK	1	49	24.40	24.47	24.46				
20	QPSK	1	99	24.28	24.30	24.30				
20	QPSK	50	0	23.88	23.93	23.90	24	1		
20	QPSK	50	24	23.86	23.91	23.89				
20	QPSK	50	50	23.84	23.86	23.84				
20	QPSK	100	0	23.87	23.88	23.85	24	1		
20	16QAM	1	0	23.34	23.40	23.38				
20	16QAM	1	49	23.36	23.37	23.34				
20	16QAM	1	99	23.21	23.27	23.23	23	2		
20	16QAM	50	0	22.60	22.67	22.62				
20	16QAM	50	24	22.63	22.69	22.62				
20	16QAM	50	50	22.59	22.59	22.62	23	2		
20	16QAM	100	0	22.57	22.61	22.61				
20	16QAM	1	0	22.73	22.83	22.86				
20	64QAM	1	49	22.74	22.80	22.77	23	2		
20	64QAM	1	99	22.62	22.65	22.67				
20	64QAM	50	0	21.59	21.66	21.61				
20	64QAM	50	24	21.62	21.67	21.61	22	3		
20	64QAM	50	50	21.57	21.59	21.59				
20	64QAM	100	0	21.59	21.63	21.61				
Channel				132047	132322	132597	Tune-up limit (dBm)			MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	24.39	24.45	24.42	25	0		
15	QPSK	1	37	24.31	24.40	24.41				
15	QPSK	1	74	24.22	24.21	24.24				
15	QPSK	36	0	23.81	23.88	23.85	24	1		
15	QPSK	36	20	23.79	23.82	23.83				
15	QPSK	36	39	23.79	23.79	23.74				
15	QPSK	75	0	23.79	23.79	23.78	24	1		
15	16QAM	1	0	23.25	23.33	23.33				
15	16QAM	1	37	23.29	23.30	23.25				
15	16QAM	1	74	23.16	23.19	23.17	23	2		
15	16QAM	36	0	22.52	22.62	22.52				
15	16QAM	36	20	22.54	22.54	22.52				
15	16QAM	36	39	22.54	22.53	22.55	23	2		
15	16QAM	75	0	22.52	22.56	22.52				
15	64QAM	1	0	22.67	22.77	22.77				
15	64QAM	1	37	22.64	22.74	22.71	23	2		
15	64QAM	1	74	22.54	22.59	22.62				
15	64QAM	36	0	21.50	21.59	21.51				
15	64QAM	36	20	21.52	21.58	21.52	22	3		
15	64QAM	36	39	21.50	21.53	21.50				
15	64QAM	75	0	21.52	21.55	21.53				
Channel				132022	132322	132622	Tune-up limit (dBm)			MPR (dB)
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	24.36	24.41	24.40	25	0		
10	QPSK	1	25	24.33	24.41	24.36				
10	QPSK	1	49	24.18	24.21	24.20				
10	QPSK	25	0	23.80	23.87	23.82	24	1		
10	QPSK	25	12	23.80	23.83	23.81				
10	QPSK	25	25	23.70	23.78	23.79				
10	QPSK	50	0	23.80	23.81	23.77	24	1		
10	16QAM	1	0	23.29	23.32	23.30				
10	16QAM	1	25	23.31	23.28	23.25				
10	16QAM	1	49	23.13	23.20	23.18	23	2		
10	16QAM	25	0	22.54	22.62	22.53				
10	16QAM	25	12	22.58	22.62	22.53				
10	16QAM	25	25	22.53	22.53	22.52	23	2		
10	16QAM	50	0	22.51	22.52	22.51				
10	64QAM	1	0	22.63	22.73	22.78				
10	64QAM	1	25	22.65	22.70	22.72	23	2		
10	64QAM	1	49	22.56	22.56	22.57				
10	64QAM	25	0	21.52	21.57	21.54				
10	64QAM	25	12	21.56	21.58	21.53	22	3		
10	64QAM	25	25	21.48	21.52	21.49				
10	64QAM	50	0	21.49	21.58	21.53				
Channel				131997	132322	132647	Tune-up limit (dBm)			MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	24.37	24.44	24.41	25	0		
5	QPSK	1	12	24.35	24.42	24.39				
5	QPSK	1	24	24.23	24.20	24.21				
5	QPSK	12	0	23.80	23.85	23.80	24	1		
5	QPSK	12	7	23.81	23.85	23.83				
5	QPSK	12	13	23.78	23.76	23.74				
5	QPSK	25	0	23.82	23.83	23.78	24	1		
5	16QAM	1	0	23.28	23.30	23.33				
5	16QAM	1	12	23.29	23.28	23.29				
5	16QAM	1	24	23.16	23.18	23.18	23	2		
5	16QAM	12	0	22.53	22.62	22.54				
5	16QAM	12	7	22.57	22.61	22.53				
5	16QAM	12	13	22.54	22.52	22.55	23	2		
5	16QAM	25	0	22.47	22.56	22.55				
5	64QAM	1	0	22.67	22.75	22.80				
5	64QAM	1	12	22.65	22.75	22.70	23	2		
5	64QAM	1	24	22.53	22.59	22.62				
5	64QAM	12	0	21.54	21.60	21.51				
5	64QAM	12	7	21.54	21.59	21.56	22	3		
5	64QAM	12	13	21.48	21.50	21.49				
5	64QAM	25	0	21.52	21.54	21.56				
Channel				131987	132322	132657	Tune-up limit (dBm)			MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	24.36	24.43	24.43	25	0		
3	QPSK	1	8	24.32	24.41	24.36				
3	QPSK	1	14	24.20	24.24	24.22				
3	QPSK	8	0	23.79	23.87	23.82	24	1		
3	QPSK	8	4	23.86	23.82	23.83				
3	QPSK	8	7	23.70	23.77	23.75				
3	QPSK	15	0	23.77	23.79	23.80	24	1		
3	16QAM	1	8	23.31	23.32	23.25				
3	16QAM	1	14	23.15	23.18	23.13				
3	16QAM	8	0	22.53	22.57	22.53	23	2		
3	16QAM	8	4	22.57	22.61	22.52				
3	16QAM	8	7	22.50	22.51	22.56				
3	16QAM	15	0	22.50	22.51	22.51	23	2		
3	64QAM	1	0	22.66	22.77	22.76				
3	64QAM	1	8	22.66	22.75	22.68				
3	64QAM	1	14	22.54	22.59	22.60	22	3		
3	64QAM	8	0	21.51	21.61	21.52				
3	64QAM	8	4	21.54	21.61	21.53				
3	64QAM	8	7	21.51	21.51	21.52				
3	64QAM	15	0	21.54	21.56	21.56				
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1745	1779.3				
1.4	QPSK	1	0	24.39	24.43	24.40	25	0		
1.4	QPSK	1	3	24.31	24.42	24.41				
1.4	QPSK	1	6	24.23	24.23	24.21				
1.4	QPSK	3	0	24.35	24.40	24.41	24	1		
1.4	QPSK	3	1	24.35	24.41	24.39				
1.4	QPSK	3	3	24.23	24.21	24.28				
1.4	QPSK	6	0	23.24	23.31	23.28	24	1		
1.4	16QAM	1	5	23.15	23.19	23.16				
1.4	16QAM	3	1	23.82	23.73	23.80				
1.4	16QAM	3	1	23.79	23.83	23.79	23	2		
1.4	16QAM	6	0	22.47	22.51	22.54				
1.4	64QAM	1	5	22.56	22.60	22.60				
1.4	64QAM	1	5	22.63	22.74	22.78	23	2		
1.4	64QAM	3	1	22.68	22.73	22.68				
1.4	64QAM	3	3	22.53	22.58	22.62				
1.4	64QAM	6	0	21.53	21.58	21.51	22			

Band 66_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				132072	132322	132572	21.8	0	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	20.70	20.71	20.65			
20	QPSK	1	49	20.63	20.64	20.55			
20	QPSK	1	99	20.62	20.65	20.65	21.8 <th colspan="2" rowspan="4">0</th>	0	
20	QPSK	50	0	20.65	20.70	20.67			
20	QPSK	50	24	20.67	20.66	20.60			
20	QPSK	50	50	20.66	20.68	20.54			
20	QPSK	100	0	20.67	20.68	20.65	21.8 <th colspan="2" rowspan="4">0</th>	0	
20	16QAM	1	0	20.56	20.64	20.60			
20	16QAM	1	49	20.67	20.57	20.59			
20	16QAM	1	99	20.67	20.62	20.65			
20	16QAM	50	0	20.61	20.66	20.60	21.8 <th colspan="2" rowspan="4">0</th>	0	
20	16QAM	50	24	20.59	20.61	20.61			
20	16QAM	50	50	20.55	20.61	20.56			
20	16QAM	100	0	20.62	20.66	20.59			
20	64QAM	1	0	20.63	20.65	20.63	21.8 <th colspan="2" rowspan="4">0</th>	0	
20	64QAM	1	49	20.56	20.58	20.53			
20	64QAM	1	99	20.59	20.65	20.61			
20	64QAM	50	0	20.57	20.49	20.21			
20	64QAM	50	24	20.54	20.46	20.22	20.8 <th colspan="2" rowspan="3">1</th>	1	
20	64QAM	50	50	20.52	20.32	20.14			
20	64QAM	100	0	20.54	20.39	20.17			
Channel				132047	132322	132597	21.8	0	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	20.60	20.56	20.64			
15	QPSK	1	37	20.49	20.58	20.45			
15	QPSK	1	74	20.54	20.57	20.57	21.8 <th colspan="2" rowspan="4">0</th>	0	
15	QPSK	36	0	20.62	20.59	20.58			
15	QPSK	36	20	20.56	20.53	20.53			
15	QPSK	36	39	20.57	20.59	20.49			
15	QPSK	75	0	20.58	20.53	20.58	21.8 <th colspan="2" rowspan="4">0</th>	0	
15	16QAM	1	0	20.50	20.55	20.57			
15	16QAM	1	37	20.64	20.56	20.46			
15	16QAM	1	74	20.60	20.59	20.52			
15	16QAM	36	0	20.46	20.55	20.50	21.8 <th colspan="2" rowspan="4">0</th>	0	
15	16QAM	36	20	20.56	20.55	20.47			
15	16QAM	36	39	20.54	20.54	20.55			
15	16QAM	75	0	20.52	20.59	20.56			
15	64QAM	1	0	20.60	20.53	20.49	21.8 <th colspan="2" rowspan="4">0</th>	0	
15	64QAM	1	37	20.41	20.54	20.46			
15	64QAM	1	74	20.50	20.53	20.55			
15	64QAM	36	0	20.54	20.44	20.18			
15	64QAM	36	20	20.53	20.37	20.20	20.8 <th colspan="2" rowspan="3">1</th>	1	
15	64QAM	36	39	20.40	20.24	20.11			
15	64QAM	75	0	20.46	20.28	20.13			
Channel				132022	132322	132622	21.8	0	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	20.65	20.57	20.58			
10	QPSK	1	25	20.54	20.53	20.50			
10	QPSK	1	49	20.61	20.52	20.52	21.8 <th colspan="2" rowspan="4">0</th>	0	
10	QPSK	25	0	20.64	20.69	20.55			
10	QPSK	25	12	20.64	20.57	20.45			
10	QPSK	25	25	20.65	20.56	20.53			
10	QPSK	50	0	20.56	20.58	20.62	21.8 <th colspan="2" rowspan="4">0</th>	0	
10	16QAM	1	0	20.48	20.49	20.59			
10	16QAM	1	25	20.53	20.53	20.49			
10	16QAM	1	49	20.53	20.50	20.59			
10	16QAM	25	0	20.60	20.54	20.54	21.8 <th colspan="2" rowspan="4">0</th>	0	
10	16QAM	25	12	20.53	20.56	20.60			
10	16QAM	25	25	20.42	20.52	20.42			
10	16QAM	50	0	20.60	20.65	20.52			
10	64QAM	1	0	20.48	20.64	20.60	21.8 <th colspan="2" rowspan="4">0</th>	0	
10	64QAM	1	25	20.49	20.52	20.39			
10	64QAM	1	49	20.45	20.62	20.54			
10	64QAM	25	0	20.50	20.42	20.19			
10	64QAM	25	12	20.47	20.39	20.11	20.8 <th colspan="2" rowspan="3">1</th>	1	
10	64QAM	25	25	20.44	20.24	20.07			
10	64QAM	50	0	20.48	20.38	20.16			
Channel				131997	132322	132647	21.8	0	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	20.58	20.58	20.65			
5	QPSK	1	12	20.60	20.56	20.43			
5	QPSK	1	24	20.51	20.51	20.58	21.8 <th colspan="2" rowspan="4">0</th>	0	
5	QPSK	12	0	20.62	20.67	20.57			
5	QPSK	12	7	20.53	20.59	20.52			
5	QPSK	12	13	20.57	20.64	20.39			
5	QPSK	25	0	20.62	20.55	20.56	21.8 <th colspan="2" rowspan="4">0</th>	0	
5	16QAM	1	0	20.43	20.51	20.47			
5	16QAM	1	12	20.56	20.53	20.52			
5	16QAM	1	24	20.53	20.59	20.55			
5	16QAM	12	0	20.49	20.53	20.55	21.8 <th colspan="2" rowspan="4">0</th>	0	
5	16QAM	12	7	20.54	20.53	20.46			
5	16QAM	12	13	20.43	20.49	20.53			
5	16QAM	25	0	20.51	20.51	20.45			
5	64QAM	1	0	20.51	20.64	20.53	21.8 <th colspan="2" rowspan="4">0</th>	0	
5	64QAM	1	12	20.41	20.53	20.43			
5	64QAM	1	24	20.47	20.53	20.53			
5	64QAM	12	0	20.43	20.37	20.06			
5	64QAM	12	7	20.49	20.38	20.17	20.8 <th colspan="2" rowspan="3">1</th>	1	
5	64QAM	12	13	20.48	20.19	20.01			
5	64QAM	25	0	20.41	20.33	20.09			
Channel				131987	132322	132657	21.8	0	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	20.61	20.58	20.60			
3	QPSK	1	8	20.57	20.58	20.40			
3	QPSK	1	14	20.60	20.58	20.58	21.8 <th colspan="2" rowspan="4">0</th>	0	
3	QPSK	8	0	20.60	20.57	20.58			
3	QPSK	8	4	20.58	20.55	20.59			
3	QPSK	8	7	20.55	20.60	20.48			
3	QPSK	15	0	20.53	20.57	20.53	21.8 <th colspan="2" rowspan="4">0</th>	0	
3	16QAM	1	0	20.45	20.63	20.53			
3	16QAM	1	8	20.54	20.55	20.48			
3	16QAM	1	14	20.54	20.50	20.50			
3	16QAM	8	0	20.54	20.56	20.45	21.8 <th colspan="2" rowspan="4">0</th>	0	
3	16QAM	8	4	20.57	20.49	20.47			
3	16QAM	8	7	20.48	20.48	20.42			
3	16QAM	15	0	20.57	20.64	20.55			
3	64QAM	1	0	20.50	20.61	20.60	21.8 <th colspan="2" rowspan="4">0</th>	0	
3	64QAM	1	8	20.42	20.55	20.39			
3	64QAM	1	14	20.44	20.62	20.50			
3	64QAM	8	0	20.53	20.44	20.14			
3	64QAM	8	4	20.45	20.32	20.11	20.8 <th colspan="2" rowspan="3">1</th>	1	
3	64QAM	8	7	20.45	20.26	20.05			
3	64QAM	15	0	20.49	20.31	20.15			
Channel				131979	132322	132685	21.8	0	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	20.55	20.69	20.67			
1.4	QPSK	1	3	20.55	20.51	20.42			
1.4	QPSK	1	5	20.52	20.52	20.54	21.8 <th colspan="2" rowspan="4">0</th>	0	
1.4	QPSK	3	0	20.58	20.69	20.54			
1.4	QPSK	3	1	20.58	20.57	20.52			
1.4	QPSK	3	3	20.62	20.60	20.42			
1.4	QPSK	6	0	20.56	20.53	20.58	21.8 <th colspan="2">0</th>	0	
1.4	16QAM	1	0	20.54	20.52	20.59	21.8 <th colspan="2" rowspan="4">0</th>	0	
1.4	16QAM	1	3	20.55	20.52	20.54			
1.4	16QAM	1	5	20.57	20.47	20.62			
1.4	16QAM	3	0	20.53	20.53	20.59			
1.4	16QAM	3	1	20.48	20.46	20.50	21.8 <th colspan="2" rowspan="4">0</th>	0	
1.4	16QAM	3	3	20.48	20.46	20.51			
1.4	16QAM	6	0	20.49	20.52	20.55			
1.4	16QAM	1	0	20.56	20.50	20.57			
1.4	16QAM	1	3	20.53	20.49	20.51	21.8 <th colspan="2" rowspan="4">0</th>	0	
1.4	16QAM	1	5	20.58	20.61	20.56			
1.4	16QAM	3	0	20.66	20.59	20.62			
1.4	16QAM	3	1	20.53	20.62	20.46			
1.4	64QAM	3	1	20.53	20.62	20.46	20.8 <th colspan="2" rowspan="4">0</th>	0	
1.4	64QAM	3	3	20.53	20.61	20.57			
1.4	64QAM	6	0	20.55	20.39	20.07			
1.4	64QAM	1	0	20.55	20.39	20.07			

Band 38_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				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	24.83	24.85	24.81	25	0		
20	QPSK	1	49	24.79	24.81	24.78				
20	QPSK	1	99	24.80	24.79	24.76				
20	QPSK	50	0	24.30	24.33	24.28				
20	QPSK	50	24	24.24	24.26	24.28				
20	QPSK	50	50	24.28	24.26	24.22	24.5	0.5		
20	QPSK	100	0	24.23	24.29	24.27				
20	16QAM	1	0	23.31	23.28	23.24				
20	16QAM	1	49	23.34	23.32	23.34				
20	16QAM	1	99	23.39	23.31	23.37				
20	16QAM	50	0	22.78	22.75	22.75	23	2		
20	16QAM	50	24	22.79	22.76	22.80				
20	16QAM	50	50	22.84	22.77	22.81				
20	16QAM	100	0	22.81	22.75	22.79				
20	64QAM	1	0	22.64	22.64	22.60				
20	64QAM	1	49	22.67	22.73	22.69	23	2		
20	64QAM	1	99	22.75	22.67	22.74				
20	64QAM	50	0	21.77	21.73	21.73				
20	64QAM	50	24	21.77	21.74	21.80				
20	64QAM	50	50	21.80	21.76	21.79				
20	64QAM	100	0	21.81	21.75	21.78	22	3		
Channel				37850	38000	38175				
Frequency (MHz)				2572.5 <th>2595<th>2612.5</th></th>	2595 <th>2612.5</th>	2612.5				
15	QPSK	1	0	24.78	24.79	24.75	25	0		
15	QPSK	1	37	24.74	24.71	24.69				
15	QPSK	1	74	24.72	24.73	24.68				
15	QPSK	36	0	24.23	24.26	24.19				
15	QPSK	36	20	24.16	24.17	24.22				
15	QPSK	36	39	24.18	24.20	24.15	24.5	0.5		
15	QPSK	75	0	24.15	24.21	24.18				
15	16QAM	1	0	23.25	23.20	23.16				
15	16QAM	1	37	23.28	23.23	23.25				
15	16QAM	1	74	23.34	23.34	23.29				
15	16QAM	36	0	22.73	22.69	22.66	23	2		
15	16QAM	36	20	22.73	22.69	22.71				
15	16QAM	36	39	22.74	22.67	22.72				
15	16QAM	75	0	22.76	22.69	22.69				
15	64QAM	1	0	22.40	22.39	22.40				
15	64QAM	1	37	22.44	22.48	22.45	23	2		
15	64QAM	1	74	22.55	22.45	22.50				
15	64QAM	36	0	21.71	21.68	21.65				
15	64QAM	36	20	21.68	21.64	21.70				
15	64QAM	36	39	21.75	21.70	21.71				
15	64QAM	75	0	21.73	21.65	21.73	22	3		
Channel				37800	38000	38200				
Frequency (MHz)				2575 <th>2595<th>2615</th></th>	2595 <th>2615</th>	2615				
10	QPSK	1	0	24.73	24.78	24.75	25	0		
10	QPSK	1	25	24.69	24.76	24.69				
10	QPSK	1	49	24.71	24.74	24.68				
10	QPSK	25	0	24.24	24.28	24.20				
10	QPSK	25	12	24.14	24.19	24.20				
10	QPSK	25	25	24.23	24.19	24.16	24.5	0.5		
10	QPSK	50	0	24.13	24.23	24.21				
10	16QAM	1	0	23.21	23.22	23.14				
10	16QAM	1	25	23.26	23.23	23.24				
10	16QAM	1	49	23.32	23.21	23.31				
10	16QAM	25	0	22.73	22.69	22.68	23	2		
10	16QAM	25	12	22.73	22.68	22.74				
10	16QAM	25	25	22.74	22.72	22.71				
10	16QAM	50	0	22.72	22.65	22.72				
10	64QAM	1	0	22.42	22.40	22.38				
10	64QAM	1	25	22.47	22.50	22.44	23	2		
10	64QAM	1	49	22.53	22.44	22.53				
10	64QAM	25	0	21.71	21.67	21.65				
10	64QAM	25	12	21.67	21.67	21.70				
10	64QAM	25	25	21.70	21.66	21.72				
10	64QAM	50	0	21.71	21.67	21.68	22	3		
Channel				37775	38000	38225				
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	24.73	24.80	24.76	25	0		
5	QPSK	1	12	24.69	24.72	24.70				
5	QPSK	1	24	24.72	24.70	24.70				
5	QPSK	12	0	24.20	24.28	24.22				
5	QPSK	12	7	24.13	24.18	24.23				
5	QPSK	12	13	24.22	24.18	24.15	24.5	0.5		
5	QPSK	25	0	24.18	24.20	24.16				
5	16QAM	1	0	23.25	23.23	23.15				
5	16QAM	1	12	23.26	23.23	23.24				
5	16QAM	1	24	23.32	23.21	23.27				
5	16QAM	12	0	22.72	22.68	22.69	23	2		
5	16QAM	12	7	22.71	22.67	22.70				
5	16QAM	12	13	22.79	22.67	22.71				
5	16QAM	25	0	22.75	22.69	22.74				
5	64QAM	1	0	22.43	22.44	22.36				
5	64QAM	1	12	22.46	22.51	22.46	23	2		
5	64QAM	1	24	22.55	22.45	22.49				
5	64QAM	12	0	21.69	21.63	21.64				
5	64QAM	12	7	21.70	21.69	21.73				
5	64QAM	12	13	21.71	21.70	21.73				
5	64QAM	25	0	21.75	21.67	21.71	22	3		

Band 38_Ant 3														
BW [kHz]	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	17.30	17.31	17.28	18	0						
20	QPSK	1	49	17.26	17.26	17.22								
20	QPSK	1	99	17.24	17.26	17.21								
20	QPSK	36	0	17.16	17.19	17.15								
20	QPSK	50	0	17.21	17.24	17.23								
20	QPSK	50	50	17.26	17.25	17.13	18	0						
20	QPSK	100	0	17.27	17.28	17.25								
20	16QAM	1	0	17.26	17.29	17.16								
20	16QAM	1	49	17.13	17.20	17.18								
20	16QAM	1	99	17.16	17.20	17.22								
20	16QAM	50	0	17.15	17.26	17.22	18	0						
20	16QAM	50	24	17.20	17.29	17.25								
20	16QAM	50	50	17.16	17.27	17.21								
20	16QAM	100	0	17.14	17.17	17.18								
20	64QAM	1	0	17.24	17.22	17.16								
20	64QAM	1	49	17.21	17.28	17.19	18	0						
20	64QAM	1	99	17.24	17.18	17.14								
20	64QAM	50	0	17.19	17.20	17.12								
20	64QAM	50	24	17.25	17.15	17.14								
20	64QAM	50	50	17.17	17.20	17.24								
20	64QAM	100	0	17.15	17.29	17.15	18							
Channel				37850	38000	38150								
Frequency (MHz)				2577.5	2595	2612.5	Tune-up limit (dBm)	MPR (dB)						
15	QPSK	1	0	17.15	17.22	17.15	18	0						
15	QPSK	1	37	17.15	17.19	17.07								
15	QPSK	1	74	17.12	17.19	17.18								
15	QPSK	36	0	17.07	17.19	17.15								
15	QPSK	36	36	17.20	17.23	17.00								
15	QPSK	75	0	17.17	17.18	17.13	18	0						
15	16QAM	1	0	17.17	17.25	17.05								
15	16QAM	1	37	17.03	17.14	17.04								
15	16QAM	1	74	17.07	17.16	17.21								
15	16QAM	36	0	17.14	17.24	17.16								
15	16QAM	36	20	17.05	17.22	17.16	18	0						
15	16QAM	36	36	17.16	17.26	17.02								
15	16QAM	75	0	17.13	17.02	17.10								
15	64QAM	1	0	17.15	17.20	17.15								
15	64QAM	1	37	17.15	17.23	17.16								
15	64QAM	1	74	17.03	17.07	17.02	18	0						
15	64QAM	36	0	17.16	17.17	16.99								
15	64QAM	36	20	17.16	17.10	17.01								
15	64QAM	36	39	17.03	17.16	17.14								
15	64QAM	75	0	17.00	17.17	17.11								
Channel				3777.5	3800	3822.5	Tune-up limit (dBm)	MPR (dB)						
Frequency (MHz)				2575	2595	2615	18	0						
10	QPSK	1	0	17.25	17.30	17.15								
10	QPSK	1	25	17.25	17.23	17.13								
10	QPSK	1	49	17.19	17.22	17.18								
10	QPSK	1	74	17.16	17.21	17.26								
10	QPSK	25	12	17.20	17.09	17.28	18	0						
10	QPSK	25	25	17.25	17.22	16.98								
10	QPSK	50	0	17.21	17.25	17.14								
10	16QAM	1	0	17.21	17.14	17.15								
10	16QAM	1	25	17.09	17.19	17.09								
10	16QAM	1	49	17.11	17.14	17.07	18	0						
10	16QAM	25	0	17.02	17.20	17.16								
10	16QAM	25	12	17.16	17.14	17.01								
10	16QAM	25	25	17.17	17.24	17.10								
10	16QAM	50	0	17.00	17.06	17.13								
10	64QAM	1	0	17.19	17.07	17.08	18	0						
10	64QAM	1	25	17.08	17.24	17.09								
10	64QAM	1	49	17.19	17.17	17.14								
10	64QAM	25	0	17.08	17.21	17.09								
10	64QAM	25	12	17.13	17.04	17.00								
10	64QAM	25	25	17.10	17.05	17.17	18	0						
10	64QAM	50	0	17.04	17.25	17.07								
Channel				3777.5	3800	3822.5					18	0		
Frequency (MHz)				2572.5	2595	2617.5								
5	QPSK	1	0	17.24	17.24	17.15								
5	QPSK	1	12	17.11	17.24	17.15								
5	QPSK	1	24	17.16	17.24	17.09								
5	QPSK	12	0	17.22	17.20	17.21	18	0						
5	QPSK	12	7	17.08	17.21	17.21								
5	QPSK	12	13	17.18	17.12	16.98								
5	QPSK	25	0	17.16	17.16	17.20								
5	16QAM	1	0	17.21	17.14	17.11								
5	16QAM	1	12	17.07	17.16	17.11	18	0						
5	16QAM	1	24	17.06	17.19	17.18								
5	16QAM	12	0	17.09	17.22	17.19								
5	16QAM	12	7	17.11	17.15	17.18								
5	16QAM	12	13	17.06	17.20	17.06								
5	64QAM	25	0	17.05	17.07	17.15	18	0						
5	64QAM	1	0	17.16	17.13	17.06								
5	64QAM	1	12	17.20	17.22	17.15								
5	64QAM	1	24	17.17	17.07	17.11								
5	64QAM	12	0	17.10	17.11	17.08								
5	64QAM	12	7	17.17	17.11	17.11	18	0						
5	64QAM	12	13	17.07	17.17	17.13								
5	64QAM	12	24	17.11	17.17	17.09								
5	64QAM	0	0	17.11	17.17	17.05								

Band 41_Ant 4															
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.	Time-up limit (dBm)	MPR (dB)					
Channel				39750	40165	40620	41095	41660							
Frequency (MHz)				2506	2549.5	2593	2636.5	2680							
20	QPSK	1	0	23.50	23.43	23.40	23.38	23.35	23.8	0					
20	QPSK	1	49	23.47	23.39	23.39	23.36	23.33							
20	QPSK	1	99	23.41	23.39	23.37	23.32	23.28							
20	QPSK	50	0	22.98	22.94	22.86	22.86	22.84							
20	QPSK	50	50	22.96	22.93	22.80	22.87	22.84			23.3	0.5			
20	QPSK	100	0	22.96	22.93	22.85	22.85	22.82							
20	16QAM	1	0	21.92	21.98	21.83	21.83	21.78							
20	16QAM	1	49	22.03	22.04	21.96	21.92	21.89							
20	16QAM	1	99	22.04	21.99	21.93	21.89	21.83	22.8	1					
20	16QAM	50	0	21.40	21.45	21.34	21.38	21.31							
20	16QAM	50	24	21.47	21.44	21.36	21.37	21.33							
20	16QAM	50	50	21.51	21.43	21.41	21.38	21.34			21.8	2			
20	16QAM	100	0	21.45	21.46	21.39	21.37	21.32							
20	64QAM	1	0	21.12	21.15	21.04	21.03	21.00							
20	64QAM	1	49	21.24	21.19	21.19	21.13	21.10	21.8	2					
20	64QAM	1	99	21.28	21.18	21.14	21.11	21.05							
20	64QAM	50	0	20.38	20.42	20.31	20.34	20.30							
20	64QAM	50	24	20.47	20.41	20.36	20.36	20.30			20.8	3			
20	64QAM	50	50	20.51	20.42	20.40	20.35	20.34							
20	64QAM	100	0	20.44	20.42	20.36	20.34	20.31							
Channel				39725	40173	40620	41096	41615	Time-up limit (dBm)	MPR (dB)					
Frequency (MHz)				2503.5	2546.3	2593	2637.8	2682.5							
15	QPSK	1	0	23.40	23.33	23.32	23.32	23.25	23.8	0					
15	QPSK	1	37	23.38	23.29	23.30	23.27	23.25							
15	QPSK	1	74	23.35	23.29	23.29	23.22	23.23							
15	QPSK	36	0	22.91	22.89	22.83	22.83	22.82							
15	QPSK	36	39	22.89	22.89	22.79	22.77	22.75			23.3	0.5			
15	QPSK	75	0	22.90	22.88	22.78	22.77	22.76							
15	16QAM	1	0	21.84	21.83	21.73	21.73	21.71							
15	16QAM	1	37	21.95	21.88	21.80	21.83	21.82	22.8	1					
15	16QAM	1	74	21.96	21.91	21.83	21.82	21.74							
15	16QAM	36	0	21.31	21.38	21.25	21.30	21.24							
15	16QAM	36	20	21.39	21.36	21.26	21.27	21.28			21.8	2			
15	16QAM	36	39	21.43	21.38	21.32	21.29	21.28							
15	16QAM	75	0	21.40	21.39	21.34	21.29	21.23							
15	64QAM	1	0	21.04	21.06	20.99	20.97	20.92							
15	64QAM	1	37	21.16	21.13	21.13	21.06	21.05	21.8	2					
15	64QAM	1	74	21.21	21.10	21.08	21.02	21.00							
15	64QAM	36	20	20.93	20.93	20.94	20.94	20.93							
15	64QAM	36	20	20.39	20.31	20.31	20.28	20.23			20.8	3			
15	64QAM	36	39	20.45	20.34	20.30	20.29	20.24							
15	64QAM	75	0	20.35	20.32	20.26	20.26	20.26							
Channel				39700	40160	40620	41080	41540	Time-up limit (dBm)	MPR (dB)					
Frequency (MHz)				2501	2547	2593	2639	2685							
10	QPSK	1	0	23.43	23.34	23.33	23.29	23.25	23.8	0					
10	QPSK	1	25	23.39	23.29	23.33	23.26	23.24							
10	QPSK	1	49	23.32	23.32	23.32	23.24	23.19							
10	QPSK	25	0	22.94	22.86	22.87	22.80	22.83							
10	QPSK	25	12	22.91	22.85	22.76	22.80	22.74			23.3	0.5			
10	QPSK	25	25	22.90	22.85	22.82	22.82	22.74							
10	QPSK	50	0	22.88	22.85	22.77	22.78	22.72							
10	16QAM	1	0	21.83	21.90	21.74	21.77	21.73							
10	16QAM	1	25	21.95	21.99	21.88	21.86	21.79	22.8	1					
10	16QAM	1	49	21.94	21.89	21.87	21.81	21.74							
10	16QAM	25	0	21.34	21.35	21.29	21.31	21.24							
10	16QAM	25	12	21.41	21.39	21.26	21.27	21.26			21.8	2			
10	16QAM	25	25	21.42	21.35	21.32	21.31	21.24							
10	16QAM	50	0	21.37	21.40	21.31	21.27	21.21							
10	64QAM	1	0	21.06	21.06	20.98	20.94	20.91	21.8	2					
10	64QAM	1	25	21.14	21.11	21.12	21.04	21.01							
10	64QAM	1	49	21.22	21.10	21.05	21.05	20.98							
10	64QAM	25	0	20.31	20.37	20.23	20.24	20.24							
10	64QAM	25	12	20.39	20.31	20.31	20.30	20.25			20.8	3			
10	64QAM	25	25	20.42	20.37	20.35	20.29	20.28							
10	64QAM	50	0	20.34	20.36	20.31	20.25	20.26							
Channel				39675	40148	40620	41093	41515	Time-up limit (dBm)	MPR (dB)					
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5							
5	QPSK	1	0	23.45	23.37	23.35	23.29	23.28	23.8	0					
5	QPSK	1	12	23.41	23.33	23.30	23.26	23.25							
5	QPSK	1	24	23.31	23.29	23.29	23.23	23.18							
5	QPSK	12	0	22.94	22.87	22.83	22.82	22.78							
5	QPSK	12	7	22.89	22.87	22.80	22.80	22.74			23.3	0.5			
5	QPSK	12	13	22.88	22.84	22.81	22.77	22.79							
5	QPSK	25	0	22.87	22.87	22.77	22.75	22.75							
5	16QAM	1	0	21.85	21.89	21.75	21.77	21.69	22.8	1					
5	16QAM	1	12	21.97	21.95	21.91	21.82	21.82							
5	16QAM	1	24	21.97	21.93	21.88	21.79	21.78							
5	16QAM	12	0	21.33	21.37	21.29	21.29	21.24			21.8	2			
5	16QAM	12	7	21.38	21.34	21.30	21.27	21.25							
5	16QAM	12	13	21.45	21.36	21.35	21.29	21.25							
5	16QAM	25	0	21.35	21.38	21.33	21.30	21.23							
5	64QAM	1	0	21.03	21.09	20.96	20.94	20.92	21.8	2					
5	64QAM	1	12	21.14	21.13	21.12	21.03	21.04							
5	64QAM	1	24	21.21	21.12	21.08	21.02	20.95							
5	64QAM	12	0	20.33	20.33	20.21	20.28	20.24							
5	64QAM	12	7	20.41	20.36	20.27	20.30	20.22			20.8	3			
5	64QAM	12	13	20.42	20.36	20.28	20.25	20.29							
5	64QAM	25	0	20.39	20.39	20.27	20.30	20.22							

Band 41_Ant_3_PC2													
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.	Time-up limit (dBm)	MPR (dB)			
Channel				39750	40185	40620	41055	41480					
Frequency (MHz)				2506	2545.5	2593	2636.5	2680					
20	QPSK	1	0	21.07	21.08	21.14	21.17	20.60	22.4	0			
20	QPSK	1	49	21.02	20.93	21.04	20.63	20.59					
20	QPSK	1	99	20.97	21.00	21.10	20.66	20.64					
20	QPSK	50	0	21.05	21.07	21.12	20.73	20.65					
20	QPSK	50	24	21.00	20.96	21.01	20.68	20.55					
20	QPSK	50	50	21.00	21.03	21.02	20.66	20.55	22.4	0			
20	QPSK	100	0	21.03	21.05	21.10	20.71	20.63					
20	16QAM	1	0	20.93	21.01	20.99	20.70	20.57					
20	16QAM	1	49	20.98	20.98	21.10	20.61	20.51					
20	16QAM	1	99	20.92	20.98	20.99	20.61	20.62					
20	16QAM	50	0	21.03	21.02	21.06	20.67	20.58	22.4	0			
20	16QAM	50	24	20.99	20.94	21.05	20.63	20.52					
20	16QAM	50	50	20.92	20.92	21.04	20.70	20.64					
20	16QAM	100	0	20.99	20.98	21.07	20.58	20.59					
20	64QAM	1	0	20.92	20.94	21.03	20.65	20.63					
20	64QAM	1	49	20.92	21.06	20.98	20.72	20.59	22.4	0			
20	64QAM	1	99	21.03	20.94	21.10	20.71	20.60					
20	64QAM	50	0	20.90	21.02	21.04	20.65	20.59					
20	64QAM	50	24	20.95	20.99	21.03	20.62	20.58					
20	64QAM	50	50	21.04	21.04	21.11	20.60	20.60					
20	64QAM	100	0	20.99	20.94	21.07	20.70	20.64	22.4	0			
Channel				39725	40173	40620	41098	41575					
Frequency (MHz)				2621.5	2645.5	2693	2737.8	2785.5					
15	QPSK	1	0	20.95	20.95	21.05	20.70	20.54	22.4	0			
15	QPSK	1	37	21.04	20.96	20.97	20.69	20.55					
15	QPSK	1	74	20.97	20.92	21.10	20.70	20.53					
15	QPSK	36	0	20.96	20.97	21.10	20.65	20.51					
15	QPSK	36	20	20.95	21.00	21.11	20.64	20.52					
15	QPSK	36	39	20.92	21.00	21.10	20.60	20.53	22.4	0			
15	QPSK	75	0	20.97	20.94	20.99	20.60	20.53					
15	16QAM	1	0	20.99	21.04	21.11	20.59	20.64					
15	16QAM	1	37	21.04	21.04	20.96	20.68	20.64					
15	16QAM	1	74	20.91	20.99	21.06	20.60	20.60					
15	16QAM	36	0	20.97	21.00	21.09	20.66	20.60	22.4	0			
15	16QAM	36	20	20.99	21.02	21.11	20.70	20.59					
15	16QAM	36	39	20.90	20.92	21.04	20.72	20.64					
15	16QAM	75	0	21.04	21.05	21.11	20.67	20.60					
15	64QAM	1	0	20.98	20.95	21.03	20.70	20.52					
15	64QAM	1	37	21.01	21.04	21.02	20.60	20.51	22.4	0			
15	64QAM	1	74	20.91	20.99	21.04	20.59	20.58					
15	64QAM	36	0	20.94	21.05	20.97	20.68	20.63					
15	64QAM	36	20	20.91	21.02	21.10	20.67	20.61					
15	64QAM	36	39	20.93	20.98	21.00	20.59	20.51					
15	64QAM	75	0	21.00	20.95	20.98	20.63	20.64	22.4	0			
Channel				39700	40140	40620	41080	41540					
Frequency (MHz)				2501	2547	2593	2633	2675					
10	QPSK	1	0	20.96	20.95	20.99	20.59	20.63	22.4	0			
10	QPSK	1	25	20.99	21.00	20.98	20.72	20.62					
10	QPSK	1	49	20.90	21.04	21.05	20.64	20.59					
10	QPSK	25	0	20.91	21.03	21.08	20.68	20.64					
10	QPSK	25	12	21.04	20.99	21.01	20.71	20.60					
10	QPSK	25	25	20.99	20.99	20.98	20.68	20.61	22.4	0			
10	QPSK	50	0	20.91	20.94	20.97	20.65	20.60					
10	16QAM	1	0	21.00	20.97	21.04	20.60	20.62					
10	16QAM	1	25	20.90	21.00	21.06	20.66	20.50					
10	16QAM	1	49	20.91	20.94	20.97	20.66	20.62					
10	16QAM	25	0	20.92	20.92	21.04	20.71	20.53	22.4	0			
10	16QAM	25	12	20.99	21.03	21.01	20.62	20.50					
10	16QAM	25	25	20.96	21.04	21.06	20.70	20.59					
10	16QAM	50	0	20.95	21.03	21.00	20.63	20.60					
10	64QAM	1	0	21.00	20.98	21.10	20.64	20.63					
10	64QAM	1	25	21.00	21.05	21.10	20.59	20.58	22.4	0			
10	64QAM	1	49	20.91	21.00	21.09	20.68	20.51					
10	64QAM	25	0	21.03	21.04	20.99	20.66	20.60					
10	64QAM	25	12	21.02	20.93	21.01	20.65	20.52					
10	64QAM	25	25	20.99	20.92	21.11	20.58	20.59					
10	64QAM	50	0	20.92	21.01	21.06	20.70	20.62	22.4	0			
Channel				39675	40148	40620	41093	41565					
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5					
5	QPSK	1	0	21.03	21.04	21.10	20.67	20.51	22.4	0			
5	QPSK	1	12	21.02	20.97	20.98	20.58	20.61					
5	QPSK	1	24	20.94	20.95	21.10	20.61	20.62					
5	QPSK	12	0	21.03	20.97	21.02	20.69	20.57					
5	QPSK	12	7	20.90	21.04	21.11	20.58	20.50					
5	QPSK	12	13	20.99	20.93	21.09	20.72	20.62	22.4	0			
5	QPSK	25	0	21.00	20.93	21.07	20.70	20.58					
5	16QAM	1	0	21.02	21.02	21.02	20.61	20.54					
5	16QAM	1	12	20.96	20.96	21.09	20.70	20.57					
5	16QAM	1	24	20.98	20.97	21.10	20.67	20.64					
5	16QAM	12	0	20.96	21.03	21.00	20.65	20.58	22.4	0			
5	16QAM	12	7	20.95	20.97	20.98	20.60	20.57					
5	16QAM	12	13	20.90	20.98	20.98	20.68	20.52					
5	16QAM	25	0	20.95	21.00	21.01	20.66	20.50					
5	64QAM	1	0	20.93	21.01	21.02	20.59	20.60					
5	64QAM	1	12	21.03	21.02	21.02	20.67	20.57	22.4	0			
5	64QAM	1	24	20.94	20.94	20.97	20.66	20.54					
5	64QAM	12	0	20.94	21.01	21.00	20.62	20.55					
5	64QAM	12	7	20.93	21.05	21.04	20.61	20.51	22.4	0			
5	64QAM	12	13	20.90	20.96	20.96	20.67	20.52					
5	64QAM	25	0	20.91	20.92	21.01	20.61	20.56					

Reduced Power Mode for ECI 8

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	512	661	810	Limit (dBm)	512	661	810	Limit (dBm)
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8	1850.2	1880
GSM 1 Tx slot	33.13	33.18	33.15	34.00	24.13	24.18	24.15	25.00
GPRS/EDGE GMSK 1 Tx slot	33.11	33.17	33.13	34.00	24.11	24.17	24.13	25.00
GPRS/EDGE GMSK 2 Tx slots	30.13	30.20	30.16	31.00	24.13	24.20	24.16	25.00
GPRS/EDGE GMSK 3 Tx slots	28.60	28.65	28.61	29.00	24.34	24.39	24.35	24.74
GPRS/EDGE GMSK 4 Tx slots	27.01	27.10	27.05	28.00	24.01	24.10	24.05	25.00
EDGE 8PSK 1 Tx slot	28.08	28.15	28.13	30.00	19.08	19.15	19.13	21.00
EDGE 8PSK 2 Tx slots	26.85	26.89	26.88	27.00	20.85	20.89	20.88	21.00
EDGE 8PSK 3 Tx slots	24.72	24.81	24.71	25.00	20.46	20.55	20.45	20.74
EDGE 8PSK 4 Tx slots	23.71	23.75	23.64	24.00	20.71	20.75	20.64	21.00

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	512	661	810	Limit (dBm)	512	661	810	Limit (dBm)
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8	1850.2	1880
GSM 1 Tx slot	30.16	30.18	30.10	31.00	21.16	21.18	21.10	22.00
GPRS/EDGE GMSK 1 Tx slot	30.15	30.17	30.07	31.00	21.15	21.17	21.07	22.00
GPRS/EDGE GMSK 2 Tx slots	27.08	27.16	27.11	28.00	21.08	21.16	21.11	22.00
GPRS/EDGE GMSK 3 Tx slots	25.38	25.47	25.45	26.00	21.12	21.21	21.19	21.74
GPRS/EDGE GMSK 4 Tx slots	24.06	24.20	24.15	25.00	21.06	21.20	21.15	22.00
EDGE 8PSK 1 Tx slot	28.06	28.13	28.03	30.00	19.06	19.13	19.03	21.00
EDGE 8PSK 2 Tx slots	26.67	26.77	26.66	27.00	20.67	20.77	20.66	21.00
EDGE 8PSK 3 Tx slots	24.54	24.64	24.55	25.00	20.28	20.38	20.29	20.74
EDGE 8PSK 4 Tx slots	23.35	23.38	23.29	24.00	20.35	20.38	20.29	21.00

GSM1900_Ant 4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	962	980	993	Limit (dBm)	962	980	993	Limit (dBm)
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8	1850.2	1880
GSM 1 Tx slot	28.70	28.83	28.80	29.50	19.70	19.83	19.80	20.50
GPRS/EDGE GMSK 1 Tx slot	28.69	28.80	28.78	29.50	19.69	19.80	19.78	20.50
GPRS/EDGE GMSK 2 Tx slots	25.75	25.85	25.83	26.50	19.75	19.85	19.83	20.50
GPRS/EDGE GMSK 3 Tx slots	24.39	24.42	24.37	24.50	20.13	20.16	20.11	20.24
GPRS/EDGE GMSK 4 Tx slots	22.85	22.89	22.85	23.50	19.85	19.89	19.85	20.50
EDGE 8PSK 1 Tx slot	26.10	26.18	26.09	28.00	17.10	17.18	17.09	19.00
EDGE 8PSK 2 Tx slots	24.88	24.90	24.84	25.00	18.88	18.90	18.84	19.00
EDGE 8PSK 3 Tx slots	22.58	22.64	22.56	23.00	18.32	18.38	18.30	18.74
EDGE 8PSK 4 Tx slots	21.25	21.38	21.26	22.00	18.25	18.38	18.26	19.00

GSM1900_Ant 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	962	980	993	Limit (dBm)	962	980	993	Limit (dBm)
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8	1850.2	1880
GSM 1 Tx slot	28.89	28.90	28.76	30.00	19.89	19.90	19.76	21.00
GPRS/EDGE GMSK 1 Tx slot	28.87	28.88	28.75	30.00	19.87	19.88	19.75	21.00
GPRS/EDGE GMSK 2 Tx slots	25.96	26.00	25.89	27.00	19.96	20.00	19.89	21.00
GPRS/EDGE GMSK 3 Tx slots	24.05	24.16	24.15	25.00	19.79	19.90	19.89	20.74
GPRS/EDGE GMSK 4 Tx slots	22.90	23.00	22.88	24.00	19.90	20.00	19.88	21.00
EDGE 8PSK 1 Tx slot	26.30	26.43	26.40	28.00	17.30	17.43	17.40	19.00
EDGE 8PSK 2 Tx slots	24.86	24.89	24.85	25.00	18.86	18.89	18.85	19.00
EDGE 8PSK 3 Tx slots	22.63	22.68	22.61	23.00	18.37	18.42	18.35	18.74
EDGE 8PSK 4 Tx slots	21.48	21.54	21.42	22.00	18.48	18.54	18.42	19.00

Band	WCDMA V_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 3			Tune-up Limit (dBm)
	962	980	993		962	980	993	
TX Channel	962	980	993	Limit (dBm)	962	980	993	Limit (dBm)
Rx Channel	962	980	993	Limit (dBm)	962	980	993	Limit (dBm)
Frequency (MHz)	1852.4	1880	1907.6	1852.4	1880	1907.6	1852.4	1880
3GPP Rel 99 AMR 12.2Kbps	18.57	18.78	18.65	19.60	20.37	20.40	20.08	21.10
3GPP Rel 99 RMC 12.2Kbps	18.60	18.80	18.68	19.60	20.40	20.42	20.10	21.10
3GPP Rel 6 HSDPA Subtest-1	17.17	17.58	17.26	17.80	18.80	19.08	18.62	19.30
3GPP Rel 6 HSDPA Subtest-2	17.17	17.62	17.37	17.80	18.92	19.01	18.77	19.30
3GPP Rel 6 HSDPA Subtest-3	16.68	17.09	16.90	17.30	18.44	18.60	18.24	18.80
3GPP Rel 6 HSDPA Subtest-4	16.69	17.08	16.81	17.30	18.40	18.42	18.21	18.80
3GPP Rel 6 DC-HSDPA Subtest-1	17.06	17.37	17.16	17.80	18.75	18.97	18.62	19.30
3GPP Rel 6 DC-HSDPA Subtest-2	17.07	17.54	17.30	17.80	18.65	18.84	18.72	19.30
3GPP Rel 6 DC-HSDPA Subtest-3	16.63	17.11	16.83	17.30	18.29	18.49	18.01	18.80
3GPP Rel 6 DC-HSDPA Subtest-4	16.69	16.92	16.78	17.30	18.35	18.47	18.16	18.80
3GPP Rel 6 HSUPA Subtest-1	15.59	15.97	15.89	16.30	17.28	17.44	17.01	17.80
3GPP Rel 6 HSUPA Subtest-2	15.55	16.07	15.87	16.30	17.23	17.40	17.01	17.80
3GPP Rel 6 HSUPA Subtest-3	16.63	17.08	16.95	17.30	18.34	18.36	18.03	18.80
3GPP Rel 6 HSUPA Subtest-4	15.32	15.79	15.61	16.30	16.73	16.84	16.69	17.80
3GPP Rel 6 HSUPA Subtest-5	17.14	17.17	17.09	17.30	18.23	18.38	17.96	18.80
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	15.52	15.96	15.82	16.30	17.11	17.31	16.92	17.80

Band	WCDMA IV_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 3			Tune-up Limit (dBm)
	1312	1413	1513		1312	1413	1513	
TX Channel	1312	1413	1513		1312	1413	1513	
Rx Channel	1513	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	18.75	18.78	18.73	19.60	20.01	20.08	20.05	21.10
3GPP Rel 99 RMC 12.2Kbps	18.77	18.80	18.75	19.60	20.02	20.10	20.06	21.10
3GPP Rel 6 HSDPA Subtest-1	17.74	17.77	17.62	18.30	18.84	18.83	18.89	19.80
3GPP Rel 6 HSDPA Subtest-2	17.85	17.66	17.66	18.30	18.89	18.82	18.83	19.80
3GPP Rel 6 HSDPA Subtest-3	17.34	17.40	17.18	17.80	18.45	18.37	18.41	19.30
3GPP Rel 6 HSDPA Subtest-4	17.28	17.25	17.17	17.80	18.33	18.39	18.34	19.30
3GPP Rel 6 DC-HSDPA Subtest-1	17.65	17.69	17.56	18.30	18.67	18.89	18.85	19.80
3GPP Rel 6 DC-HSDPA Subtest-2	17.65	17.69	17.59	18.30	18.77	18.72	18.80	19.80
3GPP Rel 6 DC-HSDPA Subtest-3	17.24	17.31	17.16	17.80	18.36	18.43	18.42	19.30
3GPP Rel 6 DC-HSDPA Subtest-4	17.20	17.11	17.12	17.80	18.37	18.28	18.24	19.30
3GPP Rel 6 HSUPA Subtest-1	15.95	15.74	15.80	16.30	16.93	16.86	16.88	17.80
3GPP Rel 6 HSUPA Subtest-2	15.90	15.85	15.85	16.30	16.85	16.92	16.92	17.80
3GPP Rel 6 HSUPA Subtest-3	16.79	16.71	16.81	17.30	17.95	17.95	17.96	18.80
3GPP Rel 6 HSUPA Subtest-4	15.33	15.30	15.30	16.30	16.44	16.49	16.46	17.80
3GPP Rel 6 HSUPA Subtest-5	16.79	16.81	16.78	17.30	17.90	17.94	17.99	18.80
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	15.81	15.69	15.87	16.30	16.80	16.86	16.94	17.80

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	4453	Limit (dBm)	4357	4407	4453	Limit (dBm)
Frequency (MHz)	826.4	836.4	846.6	826.4	836.4	846.6	826.4	836.4
3GPP Rel 99 AMR 12.2Kbps	24.50	24.53	24.48	25.10	20.06	20.10	20.08	20.60
3GPP Rel 99 RMC 12.2Kbps	24.52	24.55	24.50	25.10	20.08	20.13	20.10	20.60
3GPP Rel 6 HSDPA Subtest-1	23.49	23.47	23.62	23.80	18.98	18.94	19.05	19.30
3GPP Rel 6 HSDPA Subtest-2	23.53	23.48	23.68	23.80	18.93	18.92	19.04	19.30
3GPP Rel 6 HSDPA Subtest-3	23.05	23.01	23.20	23.30	18.52	18.50	18.69	18.80
3GPP Rel 6 HSDPA Subtest-4	23.00	22.97	23.22	23.30	18.41	18.35	18.64	18.80
3GPP Rel 6 DC-HSDPA Subtest-1	23.41	23.45	23.54	23.80	18.94	18.82	18.84	19.30
3GPP Rel 6 DC-HSDPA Subtest-2	23.52	23.43	23.63	23.80	18.98	18.84	18.97	19.30
3GPP Rel 6 DC-HSDPA Subtest-3	23.02	22.89	23.05	23.30	18.40	18.37	18.60	18.80
3GPP Rel 6 DC-HSDPA Subtest-4	22.85	22.91	23.18	23.30	18.31	18.28	18.62	18.80
3GPP Rel 6 HSUPA Subtest-1	21.49	21.47	21.56	21.80	16.97	16.89	17.03	17.30
3GPP Rel 6 HSUPA Subtest-2	21.51	21.46	21.55	21.80	16.90	16.89	16.97	17.30
3GPP Rel 6 HSUPA Subtest-3	22.50	22.50	22.59	22.80	17.93	17.92	17.95	18.30
3GPP Rel 6 HSUPA Subtest-4	21.02	20.98	21.06	21.80	16.52	16.49	16.48	17.30
3GPP Rel 6 HSUPA Subtest-5	22.50	22.50	22.60	22.80	17.92	17.77	17.96	18.30
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	21.36	21.38	21.43	21.80	16.84	16.75	16.87	17.30

Band 2_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				18700	18900	19100					
Frequency (MHz)				1860	1880	1900					
20	QPSK	1	0	18.55	18.56	18.53	19.3	0			
20	QPSK	1	49	18.48	18.47	18.46					
20	QPSK	1	99	18.50	18.48	18.50					
20	QPSK	50	0	18.53	18.55	18.51					
20	QPSK	50	24	18.39	18.54	18.38	19.3	0			
20	QPSK	50	50	18.46	18.48	18.39					
20	QPSK	100	0	18.51	18.48	18.50					
20	16QAM	1	0	18.46	18.46	18.39					
20	16QAM	1	49	18.39	18.48	18.40	19.3	0			
20	16QAM	1	99	18.50	18.47	18.39					
20	16QAM	50	0	18.52	18.47	18.40					
20	16QAM	50	24	18.46	18.53	18.44					
20	16QAM	50	50	18.47	18.45	18.47	19.3	0			
20	16QAM	100	0	18.51	18.46	18.45					
20	64QAM	1	0	18.52	18.52	18.36					
20	64QAM	1	49	18.46	18.46	18.39	19.3	0			
20	64QAM	1	99	18.49	18.46	18.45					
20	64QAM	50	0	18.49	18.52	18.46					
20	64QAM	50	24	18.40	18.50	18.45					
20	64QAM	50	50	18.46	18.46	18.40	19.3	0			
20	64QAM	100	0	18.48	18.50	18.49					
Channel				18675	18900	19125					
Frequency (MHz)				1857.5	1880	1902.5					
15	QPSK	1	0	18.41	18.54	18.46	19.3	0			
15	QPSK	1	37	18.35	18.45	18.36					
15	QPSK	1	74	18.42	18.38	18.43					
15	QPSK	36	0	18.49	18.40	18.38					
15	QPSK	36	20	18.27	18.42	18.28	19.3	0			
15	QPSK	36	39	18.37	18.36	18.35					
15	QPSK	75	0	18.41	18.44	18.43					
15	16QAM	1	0	18.47	18.43	18.30					
15	16QAM	1	37	18.38	18.40	18.25	19.3	0			
15	16QAM	1	74	18.44	18.35	18.32					
15	16QAM	36	0	18.51	18.36	18.26					
15	16QAM	36	20	18.41	18.47	18.42					
15	16QAM	36	39	18.38	18.39	18.42	19.3	0			
15	16QAM	75	0	18.37	18.35	18.42					
15	64QAM	1	0	18.42	18.47	18.22					
15	64QAM	1	37	18.34	18.38	18.43					
15	64QAM	1	74	18.44	18.32	18.40	19.3	0			
15	64QAM	36	0	18.40	18.39	18.45					
15	64QAM	36	20	18.38	18.46	18.42					
15	64QAM	36	39	18.36	18.32	18.34					
15	64QAM	75	0	18.33	18.39	18.48	19.3	0			
Channel				18650	18900	19150					
Frequency (MHz)				1855	1880	1905					
10	QPSK	1	0	18.45	18.54	18.49	19.3	0			
10	QPSK	1	25	18.37	18.34	18.43					
10	QPSK	1	49	18.47	18.43	18.41					
10	QPSK	25	0	18.41	18.52	18.47					
10	QPSK	25	12	18.27	18.42	18.27	19.3	0			
10	QPSK	25	25	18.36	18.36	18.31					
10	QPSK	50	0	18.39	18.48	18.39					
10	16QAM	1	0	18.40	18.45	18.34					
10	16QAM	1	25	18.25	18.47	18.26	19.3	0			
10	16QAM	1	49	18.47	18.36	18.37					
10	16QAM	25	0	18.40	18.34	18.33					
10	16QAM	25	12	18.42	18.45	18.35					
10	16QAM	25	25	18.43	18.34	18.45	19.3	0			
10	16QAM	50	0	18.45	18.34	18.44					
10	64QAM	1	0	18.50	18.48	18.34					
10	64QAM	1	25	18.41	18.51	18.37					
10	64QAM	1	49	18.38	18.40	18.39	19.3	0			
10	64QAM	25	0	18.34	18.47	18.36					
10	64QAM	25	12	18.27	18.46	18.42					
10	64QAM	25	25	18.31	18.45	18.32					
10	64QAM	50	0	18.42	18.35	18.38	19.3	0			
Channel				18625	18900	19175					
Frequency (MHz)				1852.5	1880	1907.5					
5	QPSK	1	0	18.43	18.48	18.40	19.3	0			
5	QPSK	1	12	18.35	18.38	18.31					
5	QPSK	1	24	18.37	18.39	18.37					
5	QPSK	12	0	18.52	18.50	18.36					
5	QPSK	12	7	18.25	18.44	18.29	19.3	0			
5	QPSK	12	13	18.45	18.43	18.27					
5	QPSK	25	0	18.40	18.47	18.38					
5	16QAM	1	0	18.34	18.33	18.30					
5	16QAM	1	12	18.26	18.30	18.32	19.3	0			
5	16QAM	1	24	18.41	18.35	18.31					
5	16QAM	12	0	18.37	18.42	18.35					
5	16QAM	12	7	18.32	18.52	18.31					
5	16QAM	12	13	18.36	18.37	18.33	19.3	0			
5	16QAM	25	0	18.46	18.38	18.37					
5	64QAM	1	0	18.41	18.48	18.26					
5	64QAM	1	12	18.40	18.48	18.39					
5	64QAM	1	24	18.34	18.38	18.33	19.3	0			
5	64QAM	12	0	18.37	18.43	18.40					
5	64QAM	12	7	18.39	18.44	18.30					
5	64QAM	12	13	18.34	18.33	18.28					
5	64QAM	25	0	18.42	18.43	18.39	19.3	0			
Channel				18615	18900	19185					
Frequency (MHz)				1851.5	1880	1908.5					
3	QPSK	1	0	18.46	18.43	18.43	19.3	0			
3	QPSK	1	8	18.40	18.44	18.31					
3	QPSK	1	14	18.42	18.44	18.46					
3	QPSK	8	0	18.45	18.48	18.48					
3	QPSK	8	4	18.29	18.45	18.30	19.3	0			
3	QPSK	8	7	18.41	18.42	18.26					
3	QPSK	15	0	18.37	18.39	18.35					
3	16QAM	1	0	18.43	18.32	18.31					
3	16QAM	1	8	18.30	18.38	18.34	19.3	0			
3	16QAM	1	14	18.40	18.38	18.24					
3	16QAM	8	0	18.44	18.33	18.27					
3	16QAM	8	4	18.31	18.43	18.34					
3	16QAM	8	7	18.41	18.30	18.45	19.3	0			
3	16QAM	15	0	18.44	18.33	18.41					
3	64QAM	1	0	18.48	18.47	18.21					
3	64QAM	1	8	18.32	18.51	18.40					
3	64QAM	1	14	18.38	18.33	18.40	19.3	0			
3	64QAM	8	0	18.45	18.45	18.44					
3	64QAM	8	4	18.34	18.43	18.39					
3	64QAM	8	7	18.34	18.34	18.25					
3	64QAM	15	0	18.34	18.49	18.40	19.3	0			
Channel				18607	18900	19193					
Frequency (MHz)				1850.7	1880	1909.3					
1.4	QPSK	1	0	18.44	18.50	18.46	19.3	0			
1.4	QPSK	1	3	18.39	18.42	18.31					
1.4	QPSK	1	5	18.41	18.38	18.40					
1.4	QPSK	3	0	18.40	18.48	18.37					
1.4	QPSK	3	1	18.37	18.45	18.27	19.3	0			
1.4	QPSK	3	3	18.39	18.41	18.36					
1.4	QPSK	6	0	18.49	18.49	18.44					
1.4	16QAM	1	0	18.41	18.32	18.36					
1.4	16QAM	1	3	18.27	18.35	18.25	19.3	0			
1.4	16QAM	1	5	18.49	18.40	18.40					
1.4	16QAM	3	0	18.38	18.38	18.28					
1.4	16QAM	3	1	18.32	18.50	18.34					
1.4	16QAM	3	3	18.42	18.36	18.36	19.3	0			
1.4	16QAM	6	0	18.46	18.39	18.33					
1.4	64QAM	1	0	18.43	18.50	18.33					
1.4	64QAM	1	3	18.35	18.41	18.41					
1.4	64QAM	1	5	18.41	18.37	18.35	19.3	0			
1.4	64QAM	3	0	18.43	18.46	18.44					
1.4	64QAM	3	1	18.36	18.47	18.40					
1.4	64QAM	3	3	18.40	18.44	18.34					
1.4	64QAM	6	0	18.35	18.48	18.45	19.3	0			

Band 4_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20050	20175	20300				
Frequency (MHz)				1720	1732.5	1745				
20	QPSK	1	0	20.43	20.47	20.41	21	0		
20	QPSK	1	49	20.32	20.43	20.37				
20	QPSK	1	99	20.36	20.33	20.31				
20	QPSK	50	0	20.41	20.45	20.40				
20	QPSK	50	24	20.32	20.43	20.28	21	0		
20	QPSK	50	50	20.36	20.42	20.36				
20	QPSK	100	0	20.40	20.43	20.38				
20	16QAM	1	0	20.38	20.39	20.34				
20	16QAM	1	49	20.29	20.44	20.30	21	0		
20	16QAM	1	99	20.40	20.33	20.33				
20	16QAM	50	0	20.28	20.39	20.33				
20	16QAM	50	24	20.32	20.32	20.28				
20	16QAM	50	50	20.26	20.38	20.35	21	0		
20	16QAM	100	0	20.34	20.40	20.30				
20	64QAM	1	0	20.39	20.41	20.36				
20	64QAM	1	49	20.33	20.36	20.34				
20	64QAM	1	99	20.39	20.36	20.28	21	0		
20	64QAM	50	0	20.31	20.44	20.39				
20	64QAM	50	24	20.30	20.35	20.32				
20	64QAM	50	50	20.34	20.31	20.35				
20	64QAM	100	0	20.36	20.40	20.26				
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1732.5	1747.5				
15	QPSK	1	0	20.42	20.45	20.34	21	0		
15	QPSK	1	37	20.23	20.36	20.29				
15	QPSK	1	74	20.34	20.22	20.16				
15	QPSK	36	0	20.32	20.33	20.37				
15	QPSK	36	20	20.27	20.38	20.27	21	0		
15	QPSK	36	39	20.27	20.34	20.30				
15	QPSK	75	0	20.32	20.41	20.32				
15	16QAM	1	0	20.24	20.31	20.28				
15	16QAM	1	37	20.25	20.37	20.26	21	0		
15	16QAM	1	74	20.32	20.26	20.22				
15	16QAM	36	0	20.21	20.26	20.25				
15	16QAM	36	20	20.20	20.25	20.27				
15	16QAM	36	39	20.15	20.32	20.34	21	0		
15	16QAM	75	0	20.26	20.25	20.19				
15	64QAM	1	0	20.32	20.34	20.23				
15	64QAM	1	37	20.18	20.23	20.21				
15	64QAM	1	74	20.34	20.26	20.19	21	0		
15	64QAM	36	0	20.30	20.41	20.25				
15	64QAM	36	20	20.23	20.27	20.28				
15	64QAM	36	39	20.19	20.23	20.24				
15	64QAM	75	0	20.31	20.32	20.25				
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1732.5	1750				
10	QPSK	1	0	20.40	20.42	20.28	21	0		
10	QPSK	1	25	20.29	20.28	20.30				
10	QPSK	1	49	20.26	20.25	20.20				
10	QPSK	25	0	20.40	20.36	20.36				
10	QPSK	25	12	20.17	20.35	20.24	21	0		
10	QPSK	25	25	20.35	20.35	20.33				
10	QPSK	50	0	20.37	20.31	20.24				
10	16QAM	1	0	20.25	20.28	20.31				
10	16QAM	1	25	20.23	20.39	20.16	21	0		
10	16QAM	1	49	20.32	20.29	20.22				
10	16QAM	25	0	20.13	20.36	20.29				
10	16QAM	25	12	20.31	20.24	20.19				
10	16QAM	25	25	20.19	20.30	20.27	21	0		
10	16QAM	50	0	20.27	20.33	20.27				
10	64QAM	1	0	20.29	20.32	20.22				
10	64QAM	1	25	20.26	20.28	20.19				
10	64QAM	1	49	20.29	20.23	20.17	21	0		
10	64QAM	25	0	20.21	20.30	20.37				
10	64QAM	25	12	20.17	20.29	20.21				
10	64QAM	25	25	20.30	20.16	20.20				
10	64QAM	50	0	20.23	20.35	20.15				
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1732.5	1752.5				
5	QPSK	1	0	20.30	20.39	20.39	21	0		
5	QPSK	1	12	20.27	20.37	20.31				
5	QPSK	1	24	20.33	20.18	20.22				
5	QPSK	12	0	20.29	20.33	20.30				
5	QPSK	12	7	20.24	20.36	20.25	21	0		
5	QPSK	12	13	20.26	20.27	20.32				
5	QPSK	25	0	20.37	20.30	20.31				
5	16QAM	1	0	20.26	20.32	20.29				
5	16QAM	1	12	20.16	20.38	20.26	21	0		
5	16QAM	1	24	20.33	20.27	20.26				
5	16QAM	12	0	20.18	20.38	20.20				
5	16QAM	12	7	20.26	20.24	20.18				
5	16QAM	12	13	20.19	20.31	20.27	21	0		
5	16QAM	25	0	20.25	20.34	20.21				
5	64QAM	1	0	20.33	20.34	20.30				
5	64QAM	1	12	20.31	20.26	20.32				
5	64QAM	1	24	20.29	20.31	20.21	21	0		
5	64QAM	12	0	20.16	20.33	20.29				
5	64QAM	12	7	20.23	20.27	20.25				
5	64QAM	12	13	20.23	20.26	20.33				
5	64QAM	25	0	20.29	20.38	20.14				
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1732.5	1753.5				
3	QPSK	1	0	20.28	20.38	20.30	21	0		
3	QPSK	1	8	20.19	20.31	20.30				
3	QPSK	1	14	20.23	20.22	20.23				
3	QPSK	8	0	20.31	20.30	20.37				
3	QPSK	8	4	20.29	20.35	20.27	21	0		
3	QPSK	8	7	20.28	20.32	20.32				
3	QPSK	15	0	20.27	20.39	20.27				
3	16QAM	1	0	20.35	20.34	20.33				
3	16QAM	1	8	20.27	20.31	20.19	21	0		
3	16QAM	1	14	20.27	20.25	20.31				
3	16QAM	8	0	20.20	20.27	20.25				
3	16QAM	8	4	20.22	20.18	20.19				
3	16QAM	8	7	20.14	20.31	20.22	21	0		
3	16QAM	15	0	20.19	20.27	20.15				
3	64QAM	1	0	20.36	20.28	20.21				
3	64QAM	1	8	20.26	20.24	20.25				
3	64QAM	1	14	20.32	20.26	20.22	21	0		
3	64QAM	8	0	20.25	20.38	20.38				
3	64QAM	8	4	20.17	20.32	20.20				
3	64QAM	8	7	20.31	20.25	20.29				
3	64QAM	15	0	20.32	20.37	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	20.29	20.42	20.26	21	0		
1.4	QPSK	1	3	20.24	20.32	20.34				
1.4	QPSK	1	5	20.22	20.22	20.25				
1.4	QPSK	3	0	20.26	20.38	20.38				
1.4	QPSK	3	1	20.26	20.35	20.22	21	0		
1.4	QPSK	3	3	20.23	20.36	20.21				
1.4	QPSK	6	0	20.25	20.37	20.26				
1.4	16QAM	1	0	20.26	20.38	20.30				
1.4	16QAM	1	3	20.14	20.37	20.23	21	0		
1.4	16QAM	1	5	20.39	20.21	20.20				
1.4	16QAM	3	0	20.16	20.34	20.25				
1.4	16QAM	3	3	20.15	20.26	20.25				
1.4	16QAM	3	3	20.14	20.25	20.27	21	0		
1.4	16QAM	6	0	20.33	20.39	20.24				
1.4	64QAM	1	0	20.32	20.33	20.35				
1.4	64QAM	1	3	20.23	20.29	20.27				
1.4	64QAM	1	5	20.25	20.22	20.26	21	0		
1.4	64QAM	3	0	20.21	20.37	20.32				
1.4	64QAM	3	1	20.21	20.33	20.30				
1.4	64QAM	3	3	20.23	20.17	20.33				
1.4	64QAM	6	0	20.25	20.30	20.23	21	0		

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	20.05	20.07	20.03	20.5	0		
10	QPSK	1	25	19.94	19.99	19.92				
10	QPSK	1	49	19.96	20.03	19.87				
10	QPSK	25	0	20.03	20.05	20.01	20.5	0		
10	QPSK	25	12	19.96	20.02	19.97				
10	QPSK	25	25	20.02	19.91	19.97				
10	QPSK	50	0	20.01	20.03	20.00	20.5	0		
10	16QAM	1	0	20.02	19.95	19.88				
10	16QAM	1	25	19.98	19.97	19.86				
10	16QAM	1	49	20.02	19.92	19.96	20.5	0		
10	16QAM	25	0	19.99	19.95	19.97				
10	16QAM	25	12	20.02	19.94	19.91				
10	16QAM	25	25	20.01	20.03	19.98	20.5	0		
10	16QAM	50	0	19.92	19.97	19.89				
10	64QAM	1	0	19.97	19.92	19.87				
10	64QAM	1	25	19.96	19.94	19.87	20.5	0		
10	64QAM	1	49	19.95	20.00	19.96				
10	64QAM	25	0	19.89	19.98	19.92				
10	64QAM	25	12	19.89	20.01	19.92	20.5	0		
10	64QAM	25	25	19.89	19.94	19.90				
10	64QAM	50	0	19.91	20.00	19.94				
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	20.00	20.00	19.96	20.5	0		
5	QPSK	1	12	19.90	19.92	19.80				
5	QPSK	1	24	19.95	19.97	19.77				
5	QPSK	12	0	19.96	19.90	19.94	20.5	0		
5	QPSK	12	7	19.91	19.95	19.85				
5	QPSK	12	13	19.88	19.98	19.86				
5	QPSK	25	0	19.94	19.89	19.97	20.5	0		
5	16QAM	1	0	20.01	19.81	19.81				
5	16QAM	1	12	19.96	19.90	19.77				
5	16QAM	1	24	20.01	19.82	19.92	20.5	0		
5	16QAM	12	0	19.85	19.84	19.86				
5	16QAM	12	7	19.99	19.86	19.82				
5	16QAM	12	13	19.87	19.95	19.88	20.5	0		
5	16QAM	25	0	19.85	19.82	19.84				
5	64QAM	1	0	19.96	19.86	19.83				
5	64QAM	1	12	19.92	19.89	19.84	20.5	0		
5	64QAM	1	24	19.84	19.94	19.88				
5	64QAM	12	0	19.75	19.86	19.88				
5	64QAM	12	7	19.87	20.00	19.91	20.5	0		
5	64QAM	12	13	19.85	19.91	19.84				
5	64QAM	25	0	19.89	19.85	19.91				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	20.01	20.04	19.93	20.5	0		
3	QPSK	1	8	19.91	19.85	19.78				
3	QPSK	1	14	19.94	19.90	19.73				
3	QPSK	8	0	19.90	19.99	19.87	20.5	0		
3	QPSK	8	4	19.95	19.97	19.87				
3	QPSK	8	7	19.90	19.86	19.92				
3	QPSK	15	0	20.00	19.89	19.90	20.5	0		
3	16QAM	1	0	19.88	19.89	19.75				
3	16QAM	1	8	19.93	19.84	19.72				
3	16QAM	1	14	20.00	19.88	19.83	20.5	0		
3	16QAM	8	0	19.89	19.91	19.86				
3	16QAM	8	4	19.99	19.80	19.78				
3	16QAM	8	7	19.92	19.95	19.86	20.5	0		
3	16QAM	15	0	19.84	19.87	19.78				
3	64QAM	1	0	19.88	19.83	19.73				
3	64QAM	1	8	19.85	19.93	19.83	20.5	0		
3	64QAM	1	14	19.93	19.86	19.86				
3	64QAM	8	0	19.88	19.91	19.89				
3	64QAM	8	4	19.77	19.97	19.89	20.5	0		
3	64QAM	8	7	19.88	19.86	19.78				
3	64QAM	15	0	19.88	19.90	19.87				
Channel				20407	20525	20613	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	846.3				
1.4	QPSK	1	0	19.90	20.00	19.98	20.5	0		
1.4	QPSK	1	3	19.87	19.98	19.80				
1.4	QPSK	1	5	19.86	19.94	19.76				
1.4	QPSK	3	0	19.90	19.91	19.93	20.5	0		
1.4	QPSK	3	1	19.83	19.96	19.89				
1.4	QPSK	3	3	19.92	19.76	19.90				
1.4	QPSK	6	0	19.86	20.01	19.92	20.5	0		
1.4	16QAM	1	0	19.92	19.88	19.84				
1.4	16QAM	1	3	19.89	19.96	19.81				
1.4	16QAM	1	5	19.96	19.87	19.80	20.5	0		
1.4	16QAM	3	0	19.93	19.87	19.90				
1.4	16QAM	3	1	19.93	19.79	19.78				
1.4	16QAM	3	3	19.86	19.95	19.91	20.5	0		
1.4	16QAM	6	0	19.80	19.90	19.84				
1.4	64QAM	1	0	19.83	19.83	19.75				
1.4	64QAM	1	3	19.89	19.90	19.78	20.5	0		
1.4	64QAM	1	5	19.94	19.90	19.84				
1.4	64QAM	3	0	19.83	19.92	19.85				
1.4	64QAM	3	1	19.88	19.88	19.80	20.5	0		
1.4	64QAM	3	3	19.84	19.87	19.79				
1.4	64QAM	6	0	19.90	19.89	19.87				

Band 7_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				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	17.80	17.82	17.79	18	0		
20	QPSK	1	49	17.65	17.67	17.71				
20	QPSK	1	99	17.73	17.72	17.66				
20	QPSK	50	0	17.75	17.80	17.77	18	0		
20	QPSK	50	24	17.73	17.70	17.63				
20	QPSK	50	50	17.70	17.74	17.75				
20	QPSK	100	0	17.77	17.78	17.75	18	0		
20	16QAM	1	0	17.67	17.70	17.63				
20	16QAM	1	49	17.63	17.72	17.70				
20	16QAM	1	99	17.70	17.78	17.71	18	0		
20	16QAM	50	0	17.66	17.66	17.63				
20	16QAM	50	24	17.71	17.68	17.66				
20	16QAM	50	50	17.67	17.77	17.75	18	0		
20	16QAM	100	0	17.64	17.73	17.67				
20	64QAM	1	0	17.72	17.78	17.73				
20	64QAM	1	49	17.77	17.72	17.71	18	0		
20	64QAM	1	99	17.73	17.78	17.71				
20	64QAM	50	0	17.68	17.72	17.74				
20	64QAM	50	24	17.73	17.70	17.63	18	0		
20	64QAM	50	50	17.67	17.75	17.65				
20	64QAM	100	0	17.63	17.72	17.76				
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	17.68	17.75	17.76	18	0		
15	QPSK	1	37	17.58	17.59	17.59				
15	QPSK	1	74	17.70	17.61	17.62				
15	QPSK	36	0	17.74	17.75	17.74	18	0		
15	QPSK	36	20	17.67	17.63	17.60				
15	QPSK	36	39	17.68	17.67	17.63				
15	QPSK	75	0	17.73	17.63	17.65	18	0		
15	16QAM	1	0	17.57	17.68	17.48				
15	16QAM	1	37	17.62	17.57	17.63				
15	16QAM	1	74	17.69	17.65	17.70	18	0		
15	16QAM	36	0	17.55	17.57	17.50				
15	16QAM	36	20	17.68	17.66	17.65				
15	16QAM	36	39	17.53	17.72	17.60	18	0		
15	16QAM	75	0	17.68	17.62	17.56				
15	64QAM	1	0	17.68	17.66	17.65				
15	64QAM	1	37	17.71	17.58	17.70	18	0		
15	64QAM	1	74	17.60	17.64	17.63				
15	64QAM	36	0	17.57	17.69	17.66				
15	64QAM	36	20	17.67	17.69	17.57	18	0		
15	64QAM	36	39	17.52	17.68	17.56				
15	64QAM	75	0	17.53	17.63	17.74				
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	17.79	17.69	17.76	18	0		
10	QPSK	1	25	17.51	17.59	17.49				
10	QPSK	1	49	17.49	17.57	17.53				
10	QPSK	25	0	17.73	17.72	17.76	18	0		
10	QPSK	25	12	17.64	17.55	17.60				
10	QPSK	25	25	17.67	17.70	17.71				
10	QPSK	50	0	17.69	17.72	17.63	18	0		
10	16QAM	1	0	17.62	17.57	17.53				
10	16QAM	1	25	17.61	17.67	17.58				
10	16QAM	1	49	17.60	17.69	17.67	18	0		
10	16QAM	25	0	17.60	17.59	17.57				
10	16QAM	25	12	17.62	17.64	17.56				
10	16QAM	25	25	17.65	17.62	17.66	18	0		
10	16QAM	50	0	17.57	17.66	17.72				
10	64QAM	1	0	17.59	17.74	17.72				
10	64QAM	1	25	17.70	17.60	17.59	18	0		
10	64QAM	1	49	17.70	17.68	17.65				
10	64QAM	25	0	17.53	17.57	17.73				
10	64QAM	25	12	17.68	17.61	17.53	18	0		
10	64QAM	25	25	17.65	17.71	17.55				
10	64QAM	50	0	17.57	17.62	17.64				
Channel				20775	21190	21425	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5	2536	2567.5				
5	QPSK	1	0	17.79	17.69	17.74	18	0		
5	QPSK	1	12	17.61	17.62	17.56				
5	QPSK	1	24	17.63	17.66	17.54				
5	QPSK	12	0	17.75	17.65	17.65	18	0		
5	QPSK	12	7	17.62	17.65	17.50				
5	QPSK	12	13	17.62	17.63	17.72				
5	QPSK	25	0	17.75	17.67	17.65	18	0		
5	16QAM	1	0	17.52	17.59	17.62				
5	16QAM	1	12	17.56	17.60	17.54				
5	16QAM	1	24	17.62	17.70	17.70	18	0		
5	16QAM	12	0	17.61	17.61	17.57				
5	16QAM	12	7	17.59	17.59	17.55				
5	16QAM	12	13	17.63	17.65	17.74	18	0		
5	16QAM	25	0	17.55	17.58	17.52				
5	64QAM	1	0	17.67	17.72	17.68				
5	64QAM	1	12	17.76	17.63	17.67	18	0		
5	64QAM	1	24	17.68	17.71	17.62				
5	64QAM	12	0	17.65	17.69	17.65				
5	64QAM	12	7	17.63	17.62	17.45	18	0		
5	64QAM	12	13	17.52	17.62	17.54				
5	64QAM	25	0	17.56	17.60	17.62				

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	18.8	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	17.97	17.98	17.95			
20	QPSK	1	49	17.92	17.81	17.80	18.8	0	
20	QPSK	1	99	17.84	17.83	17.90			
20	QPSK	50	0	17.95	17.96	17.95			
20	QPSK	50	24	17.85	17.91	17.87	18.8	0	
20	QPSK	50	50	17.85	17.90	17.85			
20	QPSK	100	0	17.93	17.95	17.91			
20	16QAM	1	0	17.81	17.95	17.87	18.8	0	
20	16QAM	1	49	17.82	17.85	17.83			
20	16QAM	1	99	17.80	17.83	17.91			
20	16QAM	50	0	17.91	17.84	17.78	18.8	0	
20	16QAM	50	24	17.90	17.90	17.79			
20	16QAM	50	50	17.92	17.85	17.83			
20	16QAM	100	0	17.90	17.87	17.92	18.8	0	
20	64QAM	1	0	17.87	17.89	17.81			
20	64QAM	1	49	17.84	17.82	17.92			
20	64QAM	1	99	17.93	17.81	17.83	18.8	0	
20	64QAM	50	0	17.86	17.90	17.84			
20	64QAM	50	24	17.87	17.92	17.89			
20	64QAM	50	50	17.84	17.89	17.90	18.8	0	
20	64QAM	100	0	17.81	17.88	17.79			
Channel				20925	21100	21315	18.8	0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	17.86	17.91	17.85			
15	QPSK	1	37	17.82	17.71	17.74	18.8	0	
15	QPSK	1	74	17.76	17.81	17.77			
15	QPSK	36	0	17.80	17.87	17.87	18.8	0	
15	QPSK	36	20	17.77	17.84	17.79			
15	QPSK	36	39	17.82	17.87	17.73			
15	QPSK	75	0	17.88	17.83	17.88	18.8	0	
15	16QAM	1	0	17.68	17.93	17.76			
15	16QAM	1	37	17.70	17.78	17.75			
15	16QAM	1	74	17.74	17.81	17.88	18.8	0	
15	16QAM	36	0	17.76	17.77	17.75			
15	16QAM	36	20	17.84	17.84	17.71			
15	16QAM	36	39	17.87	17.78	17.69	18.8	0	
15	16QAM	75	0	17.84	17.82	17.90			
15	64QAM	1	0	17.74	17.79	17.69			
15	64QAM	1	37	17.83	17.71	17.86	18.8	0	
15	64QAM	1	74	17.91	17.72	17.72			
15	64QAM	36	0	17.85	17.86	17.76			
15	64QAM	36	20	17.80	17.85	17.76	18.8	0	
15	64QAM	36	39	17.79	17.83	17.84			
15	64QAM	75	0	17.73	17.75	17.70			
Channel				20800	21100	21400	18.8	0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	17.86	17.97	17.80			
10	QPSK	1	25	17.87	17.71	17.72	18.8	0	
10	QPSK	1	49	17.71	17.79	17.83			
10	QPSK	25	0	17.89	17.89	17.92	18.8	0	
10	QPSK	25	12	17.71	17.83	17.86			
10	QPSK	25	25	17.81	17.82	17.72			
10	QPSK	50	0	17.92	17.94	17.83	18.8	0	
10	16QAM	1	0	17.74	17.80	17.83			
10	16QAM	1	25	17.80	17.73	17.82			
10	16QAM	1	49	17.72	17.75	17.78	18.8	0	
10	16QAM	25	0	17.82	17.79	17.74			
10	16QAM	25	12	17.89	17.77	17.72			
10	16QAM	25	25	17.96	17.70	17.80	18.8	0	
10	16QAM	50	0	17.77	17.75	17.84			
10	64QAM	1	0	17.78	17.87	17.71			
10	64QAM	1	25	17.75	17.78	17.83	18.8	0	
10	64QAM	1	49	17.91	17.77	17.78			
10	64QAM	25	0	17.80	17.89	17.83			
10	64QAM	25	12	17.77	17.83	17.84	18.8	0	
10	64QAM	25	25	17.80	17.74	17.79			
10	64QAM	50	0	17.77	17.86	17.75			
Channel				20715	21100	21425	18.8	0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	17.86	17.94	17.80			
5	QPSK	1	12	17.86	17.79	17.76	18.8	0	
5	QPSK	1	24	17.78	17.77	17.88			
5	QPSK	12	0	17.80	17.81	17.87	18.8	0	
5	QPSK	12	7	17.80	17.90	17.83			
5	QPSK	12	13	17.70	17.84	17.75			
5	QPSK	25	0	17.87	17.80	17.85	18.8	0	
5	16QAM	1	0	17.70	17.84	17.75			
5	16QAM	1	12	17.70	17.81	17.70			
5	16QAM	1	24	17.75	17.74	17.88	18.8	0	
5	16QAM	12	0	17.80	17.78	17.75			
5	16QAM	12	7	17.79	17.79	17.78			
5	16QAM	12	13	17.79	17.75	17.82	18.8	0	
5	16QAM	25	0	17.83	17.78	17.88			
5	64QAM	1	0	17.86	17.75	17.71			
5	64QAM	1	12	17.75	17.76	17.83	18.8	0	
5	64QAM	1	24	17.89	17.78	17.68			
5	64QAM	12	0	17.84	17.83	17.82			
5	64QAM	12	7	17.80	17.88	17.78	18.8	0	
5	64QAM	12	13	17.83	17.74	17.77			
5	64QAM	25	0	17.75	17.84	17.74			

Band 12_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130				
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	24.26	24.26	24.25	25	0		
10	QPSK	1	25	24.09	24.13	24.17				
10	QPSK	1	49	24.22	24.25	24.24				
10	QPSK	25	0	23.25	23.26	23.23				
10	QPSK	25	12	23.23	23.19	23.20	24	1		
10	QPSK	25	25	23.24	23.24	23.21				
10	QPSK	50	0	23.20	23.21	23.19				
10	16QAM	1	0	23.36	23.47	23.47				
10	16QAM	1	25	23.49	23.46	23.46	24	1		
10	16QAM	1	49	23.53	23.52	23.46				
10	16QAM	25	0	22.11	22.12	22.15				
10	16QAM	25	12	22.16	22.16	22.19				
10	16QAM	25	25	22.20	22.19	22.19	23	2		
10	16QAM	50	0	22.19	22.19	22.18				
10	64QAM	1	0	22.22	22.32	22.28				
10	64QAM	1	25	22.34	22.37	22.35				
10	64QAM	1	49	22.36	22.43	22.36	23	2		
10	64QAM	25	0	21.11	21.12	21.13				
10	64QAM	25	12	21.16	21.17	21.18				
10	64QAM	25	25	21.18	21.20	21.17				
10	64QAM	50	0	21.14	21.15	21.15	22	3		
Channel				23035	23095	23155				
Frequency (MHz)				701.5	707.5	713.5				
5	QPSK	1	0	24.20	24.21	24.10	25	0		
5	QPSK	1	12	23.95	24.00	24.09				
5	QPSK	1	24	24.19	24.15	24.10				
5	QPSK	12	0	23.17	23.20	23.12				
5	QPSK	12	7	23.15	23.14	23.08	24	1		
5	QPSK	12	13	23.19	23.16	23.16				
5	QPSK	25	0	23.16	23.15	23.12				
5	16QAM	1	0	23.26	23.43	23.41				
5	16QAM	1	12	23.39	23.37	23.31	24	1		
5	16QAM	1	24	23.41	23.39	23.36				
5	16QAM	12	0	22.06	22.04	22.01				
5	16QAM	12	7	22.07	22.11	22.16				
5	16QAM	12	13	22.10	22.07	22.07	23	2		
5	16QAM	25	0	22.16	22.07	22.13				
5	64QAM	1	0	22.15	22.19	22.22				
5	64QAM	1	12	22.21	22.35	22.20				
5	64QAM	1	24	22.34	22.42	22.28	23	2		
5	64QAM	12	0	20.98	21.08	21.04				
5	64QAM	12	7	21.10	21.04	21.13				
5	64QAM	12	13	21.16	21.05	21.14				
5	64QAM	25	0	21.01	21.07	21.13	22	3		
Channel				23025	23095	23165				
Frequency (MHz)				700.5	707.5	714.5				
3	QPSK	1	0	24.16	24.17	24.16	25	0		
3	QPSK	1	8	24.01	24.12	24.04				
3	QPSK	1	14	24.08	24.19	24.09				
3	QPSK	8	0	23.20	23.25	23.10				
3	QPSK	8	4	23.21	23.04	23.16	24	1		
3	QPSK	8	7	23.13	23.18	23.19				
3	QPSK	15	0	23.10	23.19	23.09				
3	16QAM	1	0	23.26	23.32	23.40				
3	16QAM	1	8	23.45	23.44	23.30	24	1		
3	16QAM	1	14	23.47	23.50	23.36				
3	16QAM	8	0	21.98	22.00	22.07				
3	16QAM	8	4	22.09	22.15	22.08				
3	16QAM	8	7	22.05	22.17	22.09	23	2		
3	16QAM	15	0	22.05	22.18	22.03				
3	64QAM	1	0	22.14	22.27	22.18				
3	64QAM	1	8	22.26	22.29	22.23				
3	64QAM	1	14	22.24	22.34	22.21	23	2		
3	64QAM	8	0	21.09	21.07	21.10				
3	64QAM	8	4	21.02	21.02	21.14				
3	64QAM	8	7	21.11	21.16	21.12				
3	64QAM	15	0	21.07	21.02	21.00	22	3		
Channel				23017	23095	23173				
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	24.21	24.24	24.10	25	0		
1.4	QPSK	1	3	24.06	24.08	24.14				
1.4	QPSK	1	5	24.08	24.23	24.10				
1.4	QPSK	3	0	24.25	24.25	24.10				
1.4	QPSK	3	1	23.95	23.98	24.13	24	1		
1.4	QPSK	3	3	24.17	24.23	24.19				
1.4	QPSK	6	0	23.20	23.12	23.13				
1.4	16QAM	1	0	23.14	23.15	23.07				
1.4	16QAM	1	3	23.22	23.16	23.09	24	1		
1.4	16QAM	1	5	23.09	23.12	23.12				
1.4	16QAM	3	0	23.28	23.39	23.43				
1.4	16QAM	3	1	23.45	23.37	23.37				
1.4	16QAM	3	3	23.42	23.42	23.45	23	2		
1.4	16QAM	6	0	22.07	22.07	22.00				
1.4	64QAM	1	0	22.03	22.02	22.08				
1.4	64QAM	1	3	22.11	22.06	22.08				
1.4	64QAM	1	5	22.07	22.16	22.05	23	2		
1.4	64QAM	3	0	22.17	22.29	22.26				
1.4	64QAM	3	1	22.33	22.29	22.23				
1.4	64QAM	3	3	22.28	22.34	22.22				
1.4	64QAM	6	0	21.01	21.08	21.10	22	3		

Band 12_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130				
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	22.60	22.62	22.58	23		0	
10	QPSK	1	25	22.43	22.50	22.48				
10	QPSK	1	49	22.51	22.52	22.44				
10	QPSK	25	0	22.58	22.60	22.57				
10	QPSK	25	12	22.45	22.46	22.53	23		0	
10	QPSK	25	25	22.50	22.53	22.50				
10	QPSK	50	0	22.57	22.58	22.55				
10	16QAM	1	0	22.45	22.48	22.44				
10	16QAM	1	25	22.54	22.59	22.56	23		0	
10	16QAM	1	49	22.45	22.55	22.47				
10	16QAM	25	0	22.25	22.23	22.28				
10	16QAM	25	12	22.31	22.29	22.31				
10	16QAM	25	25	22.33	22.34	22.34	23		0	
10	16QAM	50	0	22.32	22.29	22.31				
10	64QAM	1	0	22.36	22.37	22.42				
10	64QAM	1	25	22.46	22.45	22.49				
10	64QAM	1	49	22.52	22.52	22.56	22		1	
10	64QAM	25	0	21.23	21.24	21.27				
10	64QAM	25	12	21.30	21.29	21.32				
10	64QAM	25	25	21.32	21.31	21.32				
10	64QAM	50	0	21.28	21.27	21.30				
Channel				23035	23095	23155				
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	22.53	22.58	22.57	23		0	
5	QPSK	1	12	22.41	22.35	22.34				
5	QPSK	1	24	22.43	22.44	22.35				
5	QPSK	12	0	22.51	22.57	22.55				
5	QPSK	12	7	22.33	22.33	22.48	23		0	
5	QPSK	12	13	22.35	22.32	22.39				
5	QPSK	25	0	22.46	22.46	22.45				
5	16QAM	1	0	22.44	22.38	22.30				
5	16QAM	1	12	22.50	22.46	22.40	23		0	
5	16QAM	1	24	22.39	22.51	22.36				
5	16QAM	12	0	22.21	22.17	22.17				
5	16QAM	12	7	22.22	22.17	22.28				
5	16QAM	12	13	22.29	22.20	22.25	23		0	
5	16QAM	25	0	22.28	22.14	22.23				
5	64QAM	1	0	22.27	22.27	22.38				
5	64QAM	1	12	22.31	22.31	22.35				
5	64QAM	1	24	22.45	22.45	22.46	22		1	
5	64QAM	12	0	21.15	21.22	21.22				
5	64QAM	12	7	21.25	21.24	21.27				
5	64QAM	12	13	21.24	21.28	21.27				
5	64QAM	25	0	21.21	21.17	21.26				
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				700.5	707.5	714.5				
3	QPSK	1	0	22.56	22.51	22.50	23		0	
3	QPSK	1	8	22.41	22.46	22.38				
3	QPSK	1	14	22.39	22.45	22.38				
3	QPSK	8	0	22.53	22.46	22.51				
3	QPSK	8	4	22.41	22.42	22.46	23		0	
3	QPSK	8	7	22.39	22.45	22.38				
3	QPSK	15	0	22.50	22.44	22.42				
3	16QAM	1	0	22.30	22.41	22.37				
3	16QAM	1	8	22.50	22.51	22.46	23		0	
3	16QAM	1	14	22.43	22.52	22.35				
3	16QAM	8	0	22.23	22.11	22.14				
3	16QAM	8	4	22.36	22.29	22.30				
3	16QAM	8	7	22.20	22.20	22.32	23		0	
3	16QAM	15	0	22.17	22.24	22.27				
3	64QAM	1	0	22.32	22.25	22.37				
3	64QAM	1	8	22.32	22.35	22.36				
3	64QAM	1	14	22.42	22.46	22.53	22		1	
3	64QAM	8	0	21.21	21.14	21.21				
3	64QAM	8	4	21.18	21.27	21.18				
3	64QAM	8	7	21.17	21.16	21.18				
3	64QAM	15	0	21.14	21.22	21.27				
Channel				23017	23095	23112	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	22.40	22.50	22.52	23		0	
1.4	QPSK	1	3	22.30	22.44	22.38				
1.4	QPSK	1	5	22.38	22.47	22.32				
1.4	QPSK	3	0	22.44	22.52	22.46				
1.4	QPSK	3	1	22.37	22.36	22.38	23		0	
1.4	QPSK	3	3	22.36	22.48	22.37				
1.4	QPSK	6	0	22.53	22.57	22.40				
1.4	16QAM	1	0	22.35	22.37	22.38				
1.4	16QAM	1	3	22.39	22.39	22.43	23		0	
1.4	16QAM	1	5	22.41	22.30	22.47				
1.4	16QAM	3	0	22.40	22.41	22.46				
1.4	16QAM	3	1	22.43	22.48	22.43				
1.4	16QAM	3	3	22.30	22.37	22.40	23		0	
1.4	16QAM	6	0	22.10	22.14	22.14				
1.4	64QAM	1	0	22.23	22.17	22.29				
1.4	64QAM	1	3	22.20	22.21	22.27				
1.4	64QAM	1	5	22.18	22.25	22.21	23		0	
1.4	64QAM	3	0	22.33	22.32	22.39				
1.4	64QAM	3	1	22.40	22.32	22.34				
1.4	64QAM	3	3	22.49	22.50	22.53				
1.4	64QAM	6	0	21.09	21.10	21.25	22			

Band 13_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23230			782	21	
Frequency (MHz)									
10	QPSK	1	0		20.73		21	0	
10	QPSK	1	25		20.59				
10	QPSK	1	49		20.63				
10	QPSK	25	0		20.71				
10	QPSK	25	12		20.57				
10	QPSK	25	25		20.56		21	0	
10	QPSK	50	0		20.70				
10	16QAM	1	0		20.64				
10	16QAM	1	25		20.61				
10	16QAM	1	49		20.61				
10	16QAM	25	0		20.56		21	0	
10	16QAM	25	12		20.58				
10	16QAM	25	25		20.58				
10	16QAM	50	0		20.69				
10	64QAM	1	0		20.59				
10	64QAM	1	25		20.62		21	0	
10	64QAM	1	49		20.58				
10	64QAM	25	0		20.58				
10	64QAM	25	12		20.57				
10	64QAM	25	25		20.65				
10	64QAM	50	0		20.61		23205	23210	23255
Channel									
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	20.89	20.66	20.58	21	0	
5	QPSK	1	12	20.48	20.54	20.47			
5	QPSK	1	24	20.52	20.51	20.60			
5	QPSK	12	0	20.59	20.64	20.65			
5	QPSK	12	7	20.51	20.56	20.55			
5	QPSK	12	13	20.47	20.50	20.46	21	0	
5	QPSK	25	0	20.62	20.60	20.60			
5	16QAM	1	0	20.55	20.49	20.50			
5	16QAM	1	12	20.58	20.47	20.58			
5	16QAM	1	24	20.54	20.50	20.51			
5	16QAM	12	0	20.41	20.45	20.52	21	0	
5	16QAM	12	7	20.54	20.54	20.44			
5	16QAM	12	13	20.45	20.46	20.43			
5	16QAM	25	0	20.65	20.54	20.60			
5	64QAM	1	0	20.54	20.55	20.44			
5	64QAM	1	12	20.60	20.56	20.50	21	0	
5	64QAM	1	24	20.57	20.54	20.50			
5	64QAM	12	0	20.54	20.56	20.44			
5	64QAM	12	7	20.50	20.52	20.48			
5	64QAM	12	13	20.51	20.58	20.50			
5	64QAM	25	0	20.52	20.58	20.57			

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				23760	23790	23800	709 710 711	25	0
Frequency (MHz)									
10	QPSK	1	0	24.23	24.25	24.21	24	1	
10	QPSK	1	25	24.14	24.20	24.18			
10	QPSK	1	49	24.20	24.24	24.16			
10	QPSK	25	0	23.25	23.27	23.23			
10	QPSK	25	12	23.24	23.22	23.21			
10	QPSK	25	25	23.21	23.25	23.18	24	1	
10	QPSK	50	0	23.23	23.25	23.22			
10	16QAM	1	0	23.51	23.46	23.47			
10	16QAM	1	25	23.49	23.45	23.46			
10	16QAM	1	49	23.46	23.55	23.46			
10	16QAM	25	0	22.18	22.17	22.19	23	2	
10	16QAM	25	12	22.21	22.19	22.20			
10	16QAM	25	25	22.25	22.21	22.22			
10	16QAM	50	0	22.22	22.21	22.21			
10	64QAM	1	0	22.38	22.33	22.34			
10	64QAM	1	25	22.41	22.42	22.38	23	2	
10	64QAM	1	49	22.33	22.40	22.43			
10	64QAM	25	0	21.17	21.16	21.17			
10	64QAM	25	12	21.21	21.19	21.21			
10	64QAM	25	25	21.24	21.21	21.21			
10	64QAM	50	0	21.18	21.18	21.18	23765	23790	23825
Channel									
Frequency (MHz)				708.5 <th>710<th>713.5<th rowspan="2">Tune-up limit (dBm)</th><th rowspan="2">MPR (dB)</th><th rowspan="2"></th></th></th>	710 <th>713.5<th rowspan="2">Tune-up limit (dBm)</th><th rowspan="2">MPR (dB)</th><th rowspan="2"></th></th>	713.5 <th rowspan="2">Tune-up limit (dBm)</th> <th rowspan="2">MPR (dB)</th> <th rowspan="2"></th>	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	24.14	24.17	24.09			
5	QPSK	1	12	23.99	24.12	24.13	24	0	
5	QPSK	1	24	24.12	24.12	24.11			
5	QPSK	12	0	23.15	23.26	23.22			
5	QPSK	12	7	23.10	23.08	23.20			
5	QPSK	12	13	23.09	23.23	23.15			
5	QPSK	25	0	23.17	23.12	23.07	24	1	
5	16QAM	1	0	23.45	23.39	23.39			
5	16QAM	1	12	23.44	23.36	23.37			
5	16QAM	1	24	23.41	23.48	23.39			
5	16QAM	12	0	22.08	22.10	22.12			
5	16QAM	12	7	22.07	22.16	22.10	23	2	
5	16QAM	12	13	22.19	22.11	22.11			
5	16QAM	25	0	22.10	22.20	22.20			
5	64QAM	1	0	22.23	22.18	22.22			
5	64QAM	1	12	22.34	22.35	22.29			
5	64QAM	1	24	22.30	22.35	22.37	23	2	
5	64QAM	12	0	21.05	21.04	21.16			
5	64QAM	12	7	21.06	21.07	21.06			
5	64QAM	12	13	21.11	21.15	21.16			
5	64QAM	25	0	21.16	21.09	21.06			

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	709	710	711
Frequency (MHz)									
10	QPSK	1	0	22.53	22.56	22.51	23	0	
10	QPSK	1	25	22.49	22.49	22.45			
10	QPSK	1	49	22.47	22.49	22.36			
10	QPSK	25	0	22.51	22.55	22.50			
10	QPSK	25	12	22.47	22.54	22.38	23	0	
10	QPSK	25	25	22.45	22.53	22.42			
10	QPSK	50	0	22.50	22.53	22.48			
10	16QAM	1	0	22.50	22.44	22.35			
10	16QAM	1	25	22.42	22.46	22.42	23	0	
10	16QAM	1	49	22.41	22.51	22.49			
10	16QAM	25	0	22.33	22.29	22.31			
10	16QAM	25	12	22.34	22.33	22.35			
10	16QAM	25	25	22.40	22.37	22.38	23	0	
10	16QAM	50	0	22.37	22.35	22.35			
10	64QAM	1	0	22.46	22.45	22.47			
10	64QAM	1	25	22.48	22.51	22.52			
10	64QAM	1	49	22.53	22.54	22.54	23	0	
10	64QAM	25	0	21.29	21.28	21.31			
10	64QAM	25	12	21.33	21.32	21.32			
10	64QAM	25	25	21.37	21.37	21.37			
10	64QAM	50	0	21.33	21.33	21.33	22	1	
Channel				23785	23790	23825			
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	22.48	22.52	22.36	23	0	
5	QPSK	1	12	22.50	22.51	22.44			
5	QPSK	1	24	22.38	22.41	22.38			
5	QPSK	12	0	22.41	22.49	22.44			
5	QPSK	12	7	22.41	22.52	22.37	23	0	
5	QPSK	12	13	22.36	22.53	22.45			
5	QPSK	25	0	22.47	22.40	22.45			
5	16QAM	1	0	22.50	22.54	22.41			
5	16QAM	1	12	22.47	22.41	22.37	23	0	
5	16QAM	1	24	22.39	22.50	22.41			
5	16QAM	12	0	22.22	22.24	22.20			
5	16QAM	12	7	22.29	22.25	22.24			
5	16QAM	12	13	22.31	22.26	22.35	23	0	
5	16QAM	25	0	22.31	22.33	22.22			
5	64QAM	1	0	22.45	22.32	22.38			
5	64QAM	1	12	22.43	22.36	22.46			
5	64QAM	12	0	21.14	21.10	21.29	22	1	
5	64QAM	12	7	21.20	21.26	21.17			
5	64QAM	12	13	21.36	21.26	21.32			
5	64QAM	25	0	21.31	21.31	21.30			

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	24.36	24.36	24.35	25	0		
15	QPSK	1	37	24.24	24.35	24.27				
15	QPSK	1	74	24.28	24.21	24.26				
15	QPSK	36	0	23.35	23.35	23.31	24	1		
15	QPSK	36	20	23.21	23.18	23.16				
15	QPSK	36	39	23.21	23.19	23.16				
15	QPSK	75	0	23.24	23.31	23.22	24	1		
15	16QAM	1	0	23.48	23.51	23.51				
15	16QAM	1	37	23.53	23.59	23.50				
15	16QAM	1	74	23.57	23.48	23.50	23	2		
15	16QAM	36	0	22.25	22.21	22.26				
15	16QAM	36	20	22.27	22.25	22.28				
15	16QAM	36	39	22.24	22.26	22.21	23	2		
15	16QAM	75	0	22.31	22.23	22.27				
15	64QAM	1	0	22.46	22.44	22.42	23	2		
15	64QAM	1	37	22.46	22.40	22.47				
15	64QAM	1	74	22.36	22.43	22.33				
15	64QAM	36	0	21.23	21.23	21.26	22	3		
15	64QAM	36	20	21.28	21.27	21.30				
15	64QAM	36	39	21.28	21.25	21.22				
15	64QAM	75	0	21.25	21.22	21.25	Tune-up limit (dBm)		MPR (dB)	
Channel				26740	26865	26990				
Frequency (MHz)				819	831.5	844				
10	QPSK	1	0	24.26	24.33	24.30	25	0		
10	QPSK	1	25	24.17	24.25	24.20				
10	QPSK	1	49	24.17	24.13	24.13				
10	QPSK	25	0	23.30	23.23	23.28	24	1		
10	QPSK	25	12	23.17	23.17	23.11				
10	QPSK	25	25	23.17	23.17	23.01				
10	QPSK	50	0	23.16	23.25	23.20	24	1		
10	16QAM	1	0	23.38	23.38	23.50				
10	16QAM	1	25	23.49	23.48	23.37				
10	16QAM	1	49	23.53	23.45	23.44	23	2		
10	16QAM	25	0	22.15	22.20	22.14				
10	16QAM	25	12	22.20	22.21	22.20				
10	16QAM	25	25	22.15	22.20	22.11	23	2		
10	16QAM	50	0	22.29	22.20	22.18				
10	64QAM	1	0	22.37	22.36	22.25				
10	64QAM	1	25	22.36	22.26	22.36	23	2		
10	64QAM	1	49	22.35	22.28	22.31				
10	64QAM	25	0	21.10	21.12	21.23				
10	64QAM	25	12	21.13	21.12	21.25	22	3		
10	64QAM	25	25	21.20	21.17	21.11				
10	64QAM	50	0	21.22	21.15	21.12	Tune-up limit (dBm)		MPR (dB)	
Channel				26715	26865	27015				
Frequency (MHz)				816.5	831.5	846.5				
5	QPSK	1	0	24.22	24.34	24.30	25	0		
5	QPSK	1	12	24.13	24.31	24.21				
5	QPSK	1	24	24.13	24.18	24.14				
5	QPSK	12	0	23.28	23.24	23.22	24	1		
5	QPSK	12	7	23.12	23.04	23.05				
5	QPSK	12	13	23.15	23.15	23.13				
5	QPSK	25	0	23.22	23.23	23.18	24	1		
5	16QAM	1	0	23.37	23.38	23.37				
5	16QAM	1	12	23.49	23.50	23.39				
5	16QAM	1	24	23.49	23.41	23.49	24	1		
5	16QAM	12	0	22.14	22.17	22.14				
5	16QAM	12	7	22.26	22.21	22.24				
5	16QAM	12	13	22.14	22.19	22.16	23	2		
5	16QAM	25	0	22.16	22.19	22.25				
5	64QAM	1	0	22.35	22.33	22.28				
5	64QAM	1	12	22.37	22.38	22.37	23	2		
5	64QAM	1	24	22.28	22.32	22.19				
5	64QAM	12	0	21.09	21.17	21.17				
5	64QAM	12	7	21.13	21.17	21.25	22	3		
5	64QAM	12	13	21.17	21.18	21.09				
5	64QAM	25	0	21.20	21.09	21.21	Tune-up limit (dBm)		MPR (dB)	
Channel				26705	26865	27025				
Frequency (MHz)				815.5	831.5	847.5				
3	QPSK	1	0	24.26	24.28	24.31	25	0		
3	QPSK	1	8	24.23	24.22	24.16				
3	QPSK	1	14	24.16	24.11	24.21				
3	QPSK	8	0	23.19	23.24	23.26	24	1		
3	QPSK	8	4	23.10	23.17	23.08				
3	QPSK	8	7	23.18	23.11	23.06				
3	QPSK	15	0	23.13	23.30	23.19	24	1		
3	16QAM	1	0	23.36	23.43	23.38				
3	16QAM	1	8	23.43	23.45	23.45				
3	16QAM	1	14	23.50	23.43	23.36	23	2		
3	16QAM	8	0	22.18	22.18	22.21				
3	16QAM	8	4	22.23	22.16	22.27				
3	16QAM	8	7	22.13	22.13	22.13	23	2		
3	16QAM	15	0	22.30	22.21	22.25				
3	64QAM	1	0	22.36	22.35	22.26				
3	64QAM	1	8	22.40	22.33	22.41	23	2		
3	64QAM	1	14	22.26	22.41	22.21				
3	64QAM	8	0	21.11	21.22	21.20				
3	64QAM	8	4	21.14	21.23	21.27	22	3		
3	64QAM	8	7	21.17	21.12	21.12				
3	64QAM	15	0	21.10	21.11	21.22	Tune-up limit (dBm)		MPR (dB)	
Channel				26697	26865	27033				
Frequency (MHz)				814.7	831.5	848.3				
1.4	QPSK	1	0	24.22	24.25	24.34	25	0		
1.4	QPSK	1	3	24.23	24.27	24.15				
1.4	QPSK	1	5	24.27	24.20	24.22				
1.4	QPSK	3	0	24.21	24.28	24.28	24	1		
1.4	QPSK	3	1	24.19	24.31	24.13				
1.4	QPSK	3	3	24.24	24.09	24.15				
1.4	QPSK	6	0	23.22	23.26	23.26	24	1		
1.4	16QAM	1	0	23.18	23.12	23.01				
1.4	16QAM	1	3	23.15	23.05	23.05				
1.4	16QAM	1	5	23.19	23.27	23.14	24	1		
1.4	16QAM	3	0	23.42	23.40	23.37				
1.4	16QAM	3	1	23.43	23.57	23.40				
1.4	16QAM	3	3	23.47	23.36	23.48	23	2		
1.4	16QAM	6	0	22.15	22.17	22.24				
1.4	64QAM	1	0	22.22	22.11	22.27				
1.4	64QAM	1	3	22.12	22.17	22.14	23	2		
1.4	64QAM	1	5	22.30	22.14	22.25				
1.4	64QAM	3	0	22.39	22.33	22.36				
1.4	64QAM	3	1	22.45	22.32	22.40	22	3		
1.4	64QAM	3	3	22.27	22.31	22.22				
1.4	64QAM	6	0	21.13	21.11	21.23	Tune-up limit (dBm)		MPR (dB)	
Channel				26697	26865	27033				

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	19.97	19.99	19.95	20.5	0	
15	QPSK	1	37	19.84	19.94	19.88			
15	QPSK	1	74	19.94	19.85	19.86			
15	QPSK	36	0	19.95	19.97	19.93	20.5	0	
15	QPSK	36	20	19.91	19.94	19.82			
15	QPSK	36	39	19.88	19.93	19.92			
15	QPSK	75	0	19.93	19.95	19.91	20.5	0	
15	16QAM	1	0	19.97	19.92	19.86			
15	16QAM	1	37	19.91	19.94	19.83			
15	16QAM	1	74	19.84	19.96	19.84	20.5	0	
15	16QAM	36	0	19.90	19.89	19.89			
15	16QAM	36	20	19.88	19.91	19.78			
15	16QAM	36	39	19.93	19.89	19.80	20.5	0	
15	16QAM	75	0	19.86	19.93	19.78			
15	64QAM	1	0	19.86	19.92	19.88			
15	64QAM	1	37	19.87	19.92	19.86	20.5	0	
15	64QAM	1	74	19.81	19.91	19.90			
15	64QAM	36	0	19.84	19.86	19.90			
15	64QAM	36	20	19.90	19.95	19.82	20.5	0	
15	64QAM	36	39	19.82	19.85	19.79			
15	64QAM	75	0	19.92	19.96	19.79			
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	19.94	19.92	19.94	20.5	0	
10	QPSK	1	25	19.71	19.80	19.74			
10	QPSK	1	49	19.86	19.84	19.82			
10	QPSK	25	0	19.89	19.86	19.90	20.5	0	
10	QPSK	25	12	19.90	19.80	19.68			
10	QPSK	25	25	19.83	19.79	19.78			
10	QPSK	50	0	19.86	19.94	19.88	20.5	0	
10	16QAM	1	0	19.83	19.81	19.89			
10	16QAM	1	25	19.79	19.81	19.82			
10	16QAM	1	49	19.82	19.95	19.69	20.5	0	
10	16QAM	25	0	19.85	19.87	19.75			
10	16QAM	25	12	19.82	19.77	19.64			
10	16QAM	25	25	19.82	19.76	19.71	20.5	0	
10	16QAM	50	0	19.76	19.80	19.63			
10	64QAM	1	0	19.77	19.90	19.78			
10	64QAM	1	25	19.87	19.81	19.84	20.5	0	
10	64QAM	1	49	19.75	19.85	19.78			
10	64QAM	25	0	19.81	19.79	19.84			
10	64QAM	25	12	19.79	19.80	19.81	20.5	0	
10	64QAM	25	25	19.76	19.72	19.71			
10	64QAM	50	0	19.89	19.95	19.75			
Channel				26715 <th>26865</th> <th>27015</th> <th></th> <th></th> <th></th>	26865	27015			
Frequency (MHz)				816.5 <th>831.5<th>846.5</th><th></th><th></th><th></th></th>	831.5 <th>846.5</th> <th></th> <th></th> <th></th>	846.5			
5	QPSK	1	0	19.94	19.97	19.90	20.5	0	
5	QPSK	1	12	19.79	19.92	19.87			
5	QPSK	1	24	19.93	19.76	19.82			
5	QPSK	12	0	19.93	19.93	19.80	20.5	0	
5	QPSK	12	7	19.80	19.87	19.75			
5	QPSK	12	13	19.74	19.90	19.77			
5	QPSK	25	0	19.80	19.93	19.79	20.5	0	
5	16QAM	1	0	19.83	19.76	19.85			
5	16QAM	1	12	19.82	19.75	19.69			
5	16QAM	1	24	19.72	19.95	19.73	20.5	0	
5	16QAM	12	0	19.85	19.74	19.84			
5	16QAM	12	7	19.81	19.90	19.66			
5	16QAM	12	13	19.85	19.79	19.65	20.5	0	
5	16QAM	25	0	19.85	19.90	19.63			
5	64QAM	1	0	19.75	19.88	19.87			
5	64QAM	1	12	19.93	19.89	19.73	20.5	0	
5	64QAM	1	24	19.66	19.81	19.85			
5	64QAM	12	0	19.82	19.73	19.79			
5	64QAM	12	7	19.75	19.83	19.77	20.5	0	
5	64QAM	12	13	19.78	19.73	19.76			
5	64QAM	25	0	19.78	19.92	19.64			
Channel				26705	26865	27025			
Frequency (MHz)				815.5 <th>831.5</th> <th>847.5</th> <th></th> <th></th> <th></th>	831.5	847.5			
3	QPSK	1	0	19.91	19.88	19.82	20.5	0	
3	QPSK	1	8	19.69	19.85	19.77			
3	QPSK	1	14	19.93	19.78	19.80			
3	QPSK	8	0	19.87	19.88	19.88	20.5	0	
3	QPSK	8	4	19.86	19.88	19.81			
3	QPSK	8	7	19.87	19.86	19.87			
3	QPSK	15	0	19.91	19.83	19.87	20.5	0	
3	16QAM	1	0	19.77	19.84	19.82			
3	16QAM	1	8	19.88	19.71	19.82			
3	16QAM	1	14	19.80	19.89	19.81	20.5	0	
3	16QAM	8	0	19.80	19.85	19.81			
3	16QAM	8	4	19.80	19.80	19.76			
3	16QAM	8	7	19.79	19.81	19.71	20.5	0	
3	16QAM	15	0	19.84	19.80	19.67			
3	64QAM	1	0	19.74	19.88	19.76			
3	64QAM	1	8	19.81	19.91	19.85	20.5	0	
3	64QAM	1	14	19.71	19.87	19.88			
3	64QAM	8	0	19.76	19.76	19.78			
3	64QAM	8	4	19.84	19.88	19.73	20.5	0	
3	64QAM	8	7	19.81	19.74	19.73			
3	64QAM	15	0	19.79	19.86	19.69			
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	19.96	19.88	19.80	20.5	0	
1.4	QPSK	1	3	19.87	19.85	19.83			
1.4	QPSK	1	5	19.84	19.75	19.85			
1.4	QPSK	3	0	19.84	19.93	19.83	20.5	0	
1.4	QPSK	3	1	19.90	19.92	19.81			
1.4	QPSK	3	3	19.83	19.80	19.84			
1.4	QPSK	6	0	19.91	19.86	19.86	20.5	0	
1.4	16QAM	1	0	19.78	19.90	19.89			
1.4	16QAM	1	3	19.90	19.73	19.78			
1.4	16QAM	1	5	19.70	19.95	19.72	20.5	0	
1.4	16QAM	3	0	19.84	19.80	19.84			
1.4	16QAM	3	1	19.75	19.86	19.76			
1.4	16QAM	3	3	19.85	19.77	19.74	20.5	0	
1.4	16QAM	6	0	19.81	19.79	19.71			
1.4	64QAM	1	0	19.73	19.82	19.79			
1.4	64QAM	1	3	19.85	19.90	19.87	20.5	0	
1.4	64QAM	1	5	19.73	19.85	19.75			
1.4	64QAM	3	0	19.69	19.71	19.77			
1.4	64QAM	3	1	19.75	19.80	19.80	20.5	0	
1.4	64QAM	3	3	19.71	19.74	19.67			
1.4	64QAM	6	0	19.79	19.87	19.77			

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							
Frequency (MHz)				1720	1745	1770							
20	QPSK	1	0	19.22	19.24	19.21	19.5	0					
20	QPSK	1	49	19.11	19.13	19.07							
20	QPSK	1	99	19.06	19.16	19.06							
20	QPSK	50	0	19.21	19.23	19.20							
20	QPSK	50	24	19.13	19.19	19.07	19.5	0					
20	QPSK	50	50	19.13	19.14	19.14							
20	QPSK	100	0	19.20	19.21	19.18							
20	16QAM	1	0	19.08	19.09	19.17							
20	16QAM	1	49	19.16	19.08	19.08	19.5	0					
20	16QAM	1	99	19.14	19.11	19.16							
20	16QAM	50	0	19.10	19.16	19.19							
20	16QAM	50	24	19.18	19.21	19.12							
20	16QAM	50	50	19.13	19.09	19.13	19.5	0					
20	16QAM	100	0	19.14	19.21	19.15							
20	64QAM	1	0	19.17	19.13	19.09							
20	64QAM	1	49	19.11	19.21	19.07							
20	64QAM	1	99	19.09	19.08	19.13	19.5	0					
20	64QAM	50	0	19.20	19.18	19.11							
20	64QAM	50	24	19.07	19.16	19.17							
20	64QAM	50	50	19.18	19.09	19.13							
20	64QAM	100	0	19.12	19.20	19.12							
Channel				132047	132322	132597							
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)				MPR (dB)		
15	QPSK	1	0	19.07	19.16	19.17	19.5	0					
15	QPSK	1	37	19.06	19.08	19.01							
15	QPSK	1	74	18.91	19.06	19.00							
15	QPSK	36	20	19.15	19.21	19.15							
15	QPSK	36	39	19.04	18.99	19.02	19.5	0					
15	QPSK	75	0	19.08	19.19	19.09							
15	16QAM	1	0	19.04	18.97	19.04							
15	16QAM	1	37	19.12	19.00	19.04							
15	16QAM	1	74	19.03	19.06	19.01	19.5	0					
15	16QAM	36	0	19.08	19.04	19.18							
15	16QAM	36	20	19.06	19.15	19.07							
15	16QAM	36	39	18.98	19.01	19.00							
15	16QAM	75	0	18.99	19.10	19.12	19.5	0					
15	64QAM	1	0	19.14	19.01	19.01							
15	64QAM	1	37	19.05	19.12	18.99							
15	64QAM	1	74	18.99	19.05	19.08							
15	64QAM	36	0	19.10	19.14	19.04	19.5	0					
15	64QAM	36	20	19.01	19.07	19.13							
15	64QAM	36	39	19.15	19.07	19.12							
15	64QAM	75	0	19.08	19.13	19.00							
Channel				132022	132322	132622							
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)				MPR (dB)		
10	QPSK	1	0	19.13	19.19	19.14	19.5	0					
10	QPSK	1	25	19.03	18.98	19.03							
10	QPSK	1	49	19.02	19.13	18.96							
10	QPSK	25	0	19.07	19.11	19.06							
10	QPSK	25	12	19.09	19.13	19.04	19.5	0					
10	QPSK	25	25	19.00	19.03	19.00							
10	QPSK	50	0	19.14	19.09	19.09							
10	16QAM	1	0	18.95	19.06	19.09							
10	16QAM	1	25	19.12	18.97	19.01	19.5	0					
10	16QAM	1	49	19.04	18.96	19.11							
10	16QAM	25	0	19.03	19.09	19.04							
10	16QAM	25	12	19.05	19.12	19.03							
10	16QAM	25	25	19.01	18.95	18.98	19.5	0					
10	16QAM	50	0	19.05	19.11	19.07							
10	64QAM	1	0	19.13	19.10	19.01							
10	64QAM	1	25	19.03	19.16	19.01							
10	64QAM	1	49	18.96	18.96	19.08	19.5	0					
10	64QAM	25	0	19.05	19.11	19.02							
10	64QAM	25	12	19.04	19.12	19.03							
10	64QAM	25	25	19.04	18.94	19.11							
10	64QAM	50	0	18.99	19.05	18.99							
Channel				131997	132322	132647							
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)				MPR (dB)		
5	QPSK	1	0	19.13	19.16	19.16	19.5	0					
5	QPSK	1	12	19.02	18.99	18.93							
5	QPSK	1	24	19.02	19.02	19.04							
5	QPSK	12	0	19.18	19.08	19.05							
5	QPSK	12	7	19.06	19.17	19.01	19.5	0					
5	QPSK	12	13	19.03	18.99	19.12							
5	QPSK	25	0	19.09	19.11	19.14							
5	16QAM	1	0	18.99	19.05	19.05							
5	16QAM	1	12	19.14	19.03	19.03	19.5	0					
5	16QAM	1	24	19.13	19.00	19.11							
5	16QAM	12	0	19.01	19.15	19.07							
5	16QAM	12	7	19.05	19.06	19.04							
5	16QAM	12	13	19.11	19.05	19.06	19.5	0					
5	16QAM	25	0	19.00	19.07	19.10							
5	64QAM	1	0	19.14	19.03	19.07							
5	64QAM	1	12	19.10	19.15	19.01							
5	64QAM	1	24	18.99	19.07	19.11	19.5	0					
5	64QAM	12	0	19.09	19.05	19.02							
5	64QAM	12	7	18.90	19.01	19.07							
5	64QAM	12	13	19.13	19.02	19.00							
5	64QAM	25	0	18.97	19.07	19.07							
Channel				131987	132322	132657							
Frequency (MHz)				1711.5	1745	1778.5	Tune-up limit (dBm)				MPR (dB)		
3	QPSK	1	0	19.09	19.18	19.07	19.5	0					
3	QPSK	1	8	19.03	19.01	18.94							
3	QPSK	1	14	19.04	19.07	19.04							
3	QPSK	8	0	19.06	19.18	19.07							
3	QPSK	8	4	19.08	19.08	18.96	19.5	0					
3	QPSK	8	7	19.08	19.11	19.04							
3	QPSK	15	0	19.07	19.10	19.15							
3	16QAM	1	0	18.95	18.94	19.11							
3	16QAM	1	8	19.14	18.99	18.98	19.5	0					
3	16QAM	1	14	19.13	19.09	19.08							
3	16QAM	8	0	19.02	19.07	19.04							
3	16QAM	8	4	19.03	19.15	19.11							
3	16QAM	8	7	19.02	19.05	19.04	19.5	0					
3	16QAM	15	0	19.00	19.06	19.01							
3	64QAM	1	0	19.05	19.06	19.00							
3	64QAM	1	8	19.01	19.19	18.99							
3	64QAM	1	14	18.94	18.96	19.09	19.5	0					
3	64QAM	8	0	19.19	19.07	19.09							
3	64QAM	8	4	19.06	19.04	19.08							
3	64QAM	8	7	19.06	19.03	19.08							
3	64QAM	15	0	19.00	19.16	19.10							

Band 66_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				132072	132322	132572	19.8	0	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	18.70	18.72	18.68	19.8	0	
20	QPSK	1	49	18.57	18.61	18.62			
20	QPSK	1	99	18.55	18.57	18.61			
20	QPSK	50	0	18.68	18.70	18.67			
20	QPSK	50	24	18.63	18.63	18.65			
20	QPSK	50	50	18.62	18.69	18.63	19.8	0	
20	QPSK	100	0	18.67	18.68	18.65			
20	16QAM	1	0	18.63	18.57	18.66			
20	16QAM	1	49	18.60	18.56	18.54			
20	16QAM	1	99	18.61	18.60	18.63			
20	16QAM	50	0	18.67	18.57	18.61	19.8	0	
20	16QAM	50	24	18.64	18.55	18.64			
20	16QAM	50	50	18.67	18.58	18.61			
20	16QAM	100	0	18.56	18.64	18.64			
20	64QAM	1	0	18.53	18.60	18.55	19.8	0	
20	64QAM	1	49	18.66	18.57	18.66			
20	64QAM	1	99	18.56	18.59	18.65			
20	64QAM	50	0	18.64	18.65	18.55			
20	64QAM	50	24	18.65	18.62	18.56	19.8	0	
20	64QAM	50	50	18.58	18.57	18.61			
20	64QAM	100	0	18.57	18.69	18.57			
Channel				132047	132322	132597	19.8	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	18.55	18.62	18.66	19.8	0	
15	QPSK	1	37	18.51	18.58	18.52			
15	QPSK	1	74	18.46	18.54	18.58			
15	QPSK	36	0	18.55	18.58	18.53			
15	QPSK	36	20	18.51	18.50	18.56	19.8	0	
15	QPSK	36	39	18.48	18.54	18.60			
15	QPSK	75	0	18.54	18.53	18.54			
15	16QAM	1	0	18.50	18.47	18.58	19.8	0	
15	16QAM	1	37	18.51	18.41	18.44			
15	16QAM	1	74	18.52	18.47	18.61			
15	16QAM	36	0	18.52	18.48	18.51			
15	16QAM	36	20	18.56	18.52	18.48	19.8	0	
15	16QAM	36	39	18.57	18.50	18.54			
15	16QAM	75	0	18.52	18.53	18.52			
15	64QAM	1	0	18.51	18.55	18.46	19.8	0	
15	64QAM	1	37	18.60	18.49	18.64			
15	64QAM	1	74	18.42	18.50	18.61			
15	64QAM	36	0	18.56	18.50	18.53	19.8	0	
15	64QAM	36	20	18.52	18.49	18.52			
15	64QAM	36	39	18.56	18.42	18.48			
15	64QAM	75	0	18.50	18.63	18.53			
Channel				132022	132322	132622	19.8	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	18.60	18.57	18.65	19.8	0	
10	QPSK	1	25	18.44	18.58	18.55			
10	QPSK	1	49	18.42	18.53	18.56			
10	QPSK	25	0	18.57	18.63	18.54	19.8	0	
10	QPSK	25	12	18.49	18.62	18.59			
10	QPSK	25	25	18.51	18.61	18.55			
10	QPSK	50	0	18.65	18.56	18.56			
10	16QAM	1	0	18.48	18.48	18.53	19.8	0	
10	16QAM	1	25	18.46	18.51	18.41			
10	16QAM	1	49	18.51	18.59	18.55			
10	16QAM	25	0	18.55	18.50	18.51	19.8	0	
10	16QAM	25	12	18.57	18.42	18.55			
10	16QAM	25	25	18.56	18.57	18.56			
10	16QAM	50	0	18.43	18.59	18.60			
10	64QAM	1	0	18.47	18.47	18.54	19.8	0	
10	64QAM	1	25	18.59	18.53	18.60			
10	64QAM	1	49	18.55	18.57	18.59			
10	64QAM	25	0	18.58	18.64	18.43	19.8	0	
10	64QAM	25	12	18.57	18.54	18.47			
10	64QAM	25	25	18.43	18.52	18.48			
10	64QAM	50	0	18.52	18.61	18.51			
Channel				131997	132322	132647	19.8	MPR (dB)	
Frequency (MHz)				1712.5	1745	1772.5			
5	QPSK	1	0	18.63	18.65	18.54	19.8	0	
5	QPSK	1	12	18.54	18.59	18.58			
5	QPSK	1	24	18.51	18.43	18.53			
5	QPSK	12	0	18.59	18.67	18.59	19.8	0	
5	QPSK	12	7	18.60	18.53	18.52			
5	QPSK	12	13	18.60	18.64	18.52			
5	QPSK	25	0	18.53	18.59	18.57			
5	16QAM	1	0	18.55	18.55	18.57	19.8	0	
5	16QAM	1	12	18.53	18.45	18.51			
5	16QAM	1	24	18.54	18.46	18.57			
5	16QAM	12	0	18.54	18.51	18.58	19.8	0	
5	16QAM	12	7	18.56	18.41	18.56			
5	16QAM	12	13	18.55	18.57	18.58			
5	16QAM	25	0	18.44	18.49	18.50			
5	64QAM	1	0	18.44	18.49	18.52	19.8	0	
5	64QAM	1	12	18.65	18.53	18.56			
5	64QAM	1	24	18.44	18.45	18.56			
5	64QAM	12	0	18.55	18.60	18.44	19.8	0	
5	64QAM	12	7	18.59	18.61	18.48			
5	64QAM	12	13	18.48	18.50	18.55			
5	64QAM	25	0	18.46	18.65	18.51			
Channel				131987	132322	132657	19.8	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	18.63	18.62	18.63	19.8	0	
3	QPSK	1	8	18.43	18.47	18.51			
3	QPSK	1	14	18.49	18.44	18.52			
3	QPSK	8	0	18.64	18.61	18.56	19.8	0	
3	QPSK	8	4	18.54	18.56	18.56			
3	QPSK	8	7	18.60	18.57	18.52			
3	QPSK	15	0	18.61	18.65	18.50			
3	16QAM	1	0	18.59	18.49	18.56	19.8	0	
3	16QAM	1	8	18.46	18.50	18.43			
3	16QAM	1	14	18.47	18.48	18.49			
3	16QAM	8	0	18.57	18.53	18.48	19.8	0	
3	16QAM	8	4	18.51	18.44	18.62			
3	16QAM	8	7	18.57	18.57	18.56			
3	16QAM	15	0	18.50	18.53	18.60			
3	64QAM	1	0	18.49	18.46	18.42	19.8	0	
3	64QAM	1	8	18.65	18.48	18.59			
3	64QAM	1	14	18.50	18.50	18.51			
3	64QAM	8	0	18.52	18.63	18.44	19.8	0	
3	64QAM	8	4	18.62	18.53	18.46			
3	64QAM	8	7	18.56	18.54	18.50			
3	64QAM	15	0	18.55	18.58	18.54			
Channel				131979	132322	132665	19.8	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	18.64	18.69	18.57	19.8	0	
1.4	QPSK	1	3	18.50	18.60	18.58			
1.4	QPSK	1	5	18.44	18.49	18.52			
1.4	QPSK	3	0	18.57	18.64	18.56	19.8	0	
1.4	QPSK	3	1	18.55	18.49	18.63			
1.4	QPSK	3	3	18.51	18.56	18.50			
1.4	QPSK	6	0	18.64	18.66	18.52			
1.4	16QAM	1	0	18.58	18.51	18.50	19.8	0	
1.4	16QAM	1	3	18.46	18.46	18.45			
1.4	16QAM	1	5	18.57	18.55	18.60	19.8	0	
1.4	16QAM	1	8	18.59	18.46	18.52			
1.4	16QAM	3	0	18.62	18.46	18.50			
1.4	16QAM	3	3	18.63	18.44	18.59			
1.4	64QAM	6	0	18.43	18.63	18.58	19.8	0	
1.4	64QAM	1	0	18.52	18.45	18.46			
1.4	64QAM	1	3	18.58	18.56	18.60			
1.4	64QAM	1	5	18.50	18.50	18.51	19.8	0	
1.4	64QAM	3	0	18.52	18.62	18.42			
1.4	64QAM	3	1	18.61	18.56	18.49			
1.4	64QAM	3	3	18.54	18.55	18.49			
1.4	64QAM	6	0	18.52	18.54	18.51	19.8	0	

Band 38_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				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	19.72	19.73	19.71	20	0	
20	QPSK	1	49	19.67	19.66	19.56			
20	QPSK	1	99	19.69	19.62	19.58			
20	QPSK	50	0	19.70	19.71	19.68	20	0	
20	QPSK	50	24	19.55	19.63	19.54			
20	QPSK	50	50	19.57	19.70	19.66			
20	QPSK	100	0	19.68	19.70	19.67	20	0	
20	16QAM	1	0	19.66	19.69	19.57			
20	16QAM	1	49	19.59	19.67	19.60			
20	16QAM	50	0	19.62	19.63	19.58	20	0	
20	16QAM	50	24	19.64	19.80	19.62			
20	16QAM	50	50	19.55	19.63	19.66			
20	16QAM	100	0	19.62	19.68	19.58	20	0	
20	64QAM	1	0	19.67	19.67	19.53			
20	64QAM	1	49	19.60	19.58	19.67			
20	64QAM	1	99	19.62	19.66	19.65	20	0	
20	64QAM	50	0	19.63	19.57	19.65			
20	64QAM	50	24	19.68	19.58	19.61			
20	64QAM	50	50	19.59	19.59	19.56	20	0	
20	64QAM	100	0	19.56	19.62	19.56			
Channel				37850	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	19.61	19.66	19.59	20	0	
15	QPSK	1	37	19.59	19.59	19.51			
15	QPSK	1	74	19.63	19.58	19.49			
15	QPSK	36	0	19.61	19.60	19.64	20	0	
15	QPSK	36	39	19.56	19.56	19.50			
15	QPSK	36	39	19.56	19.68	19.57			
15	QPSK	75	0	19.62	19.68	19.61	20	0	
15	16QAM	1	0	19.60	19.63	19.52			
15	16QAM	1	37	19.49	19.54	19.58			
15	16QAM	1	74	19.62	19.58	19.48	20	0	
15	16QAM	36	0	19.59	19.60	19.54			
15	16QAM	36	20	19.53	19.58	19.47			
15	16QAM	36	39	19.54	19.52	19.53	20	0	
15	16QAM	75	0	19.53	19.64	19.48			
15	64QAM	1	0	19.55	19.55	19.47			
15	64QAM	1	37	19.53	19.57	19.62	20	0	
15	64QAM	1	74	19.53	19.52	19.51			
15	64QAM	36	0	19.60	19.63	19.51			
15	64QAM	36	20	19.59	19.45	19.48	20	0	
15	64QAM	36	39	19.44	19.50	19.41			
15	64QAM	75	0	19.55	19.48	19.49			
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	19.59	19.66	19.54	20	0	
10	QPSK	1	25	19.58	19.56	19.42			
10	QPSK	1	49	19.58	19.47	19.45			
10	QPSK	25	0	19.58	19.63	19.59	20	0	
10	QPSK	25	12	19.46	19.62	19.39			
10	QPSK	25	25	19.44	19.68	19.62			
10	QPSK	50	0	19.54	19.69	19.52	20	0	
10	16QAM	1	0	19.56	19.64	19.44			
10	16QAM	1	25	19.47	19.65	19.56			
10	16QAM	1	49	19.63	19.54	19.42	20	0	
10	16QAM	25	0	19.52	19.58	19.57			
10	16QAM	25	12	19.54	19.53	19.48			
10	16QAM	25	25	19.40	19.53	19.56	20	0	
10	16QAM	50	0	19.50	19.60	19.50			
10	64QAM	1	0	19.53	19.56	19.44			
10	64QAM	1	25	19.58	19.51	19.61	20	0	
10	64QAM	25	0	19.55	19.54	19.62			
10	64QAM	25	12	19.62	19.49	19.48			
10	64QAM	25	25	19.50	19.45	19.46	20	0	
10	64QAM	50	0	19.41	19.51	19.47			
Channel				37775 <th>38000</th> <th>38225</th>	38000	38225			
Frequency (MHz)				2572.5 <th>2595<th>2617.5</th></th>	2595 <th>2617.5</th>	2617.5			
5	QPSK	1	0	19.60	19.66	19.65	20	0	
5	QPSK	1	12	19.61	19.52	19.45			
5	QPSK	1	24	19.66	19.57	19.50			
5	QPSK	12	0	19.65	19.63	19.57	20	0	
5	QPSK	12	7	19.45	19.48	19.48			
5	QPSK	12	13	19.51	19.63	19.51			
5	QPSK	25	0	19.63	19.66	19.58	20	0	
5	16QAM	1	0	19.55	19.61	19.42			
5	16QAM	1	12	19.48	19.59	19.47			
5	16QAM	1	24	19.58	19.68	19.44	20	0	
5	16QAM	12	0	19.54	19.50	19.57			
5	16QAM	12	7	19.56	19.57	19.61			
5	16QAM	12	13	19.40	19.51	19.60	20	0	
5	16QAM	25	0	19.51	19.66	19.47			
5	64QAM	1	0	19.62	19.55	19.48			
5	64QAM	1	12	19.53	19.47	19.62	20	0	
5	64QAM	1	24	19.59	19.54	19.63			
5	64QAM	12	0	19.54	19.45	19.53			
5	64QAM	12	7	19.59	19.49	19.58	20	0	
5	64QAM	12	13	19.23	19.55	19.41			
5	64QAM	25	0	19.43	19.47	19.50			
Channel				37775 <th>38000</th> <th>38225</th>	38000	38225			
Frequency (MHz)				2572.5 <th>2595<th>2617.5</th></th>	2595 <th>2617.5</th>	2617.5			
5	QPSK	1	0	19.60	19.66	19.65	20	0	
5	QPSK	1	12	19.61	19.52	19.45			
5	QPSK	1	24	19.66	19.57	19.50			
5	QPSK	12	0	19.65	19.63	19.57	20	0	
5	QPSK	12	7	19.45	19.48	19.48			
5	QPSK	12	13	19.51	19.63	19.51			
5	QPSK	25	0	19.63	19.66	19.58	20	0	
5	16QAM	1	0	19.55	19.61	19.42			
5	16QAM	1	12	19.48	19.59	19.47			
5	16QAM	1	24	19.58	19.68	19.44	20	0	
5	16QAM	12	0	19.54	19.50	19.57			
5	16QAM	12	7	19.56	19.57	19.61			
5	16QAM	12	13	19.40	19.51	19.60	20	0	
5	16QAM	25	0	19.51	19.66	19.47			
5	64QAM	1	0	19.62	19.55	19.48			
5	64QAM	1	12	19.53	19.47	19.62	20	0	
5	64QAM	1	24	19.59	19.54	19.63			
5	64QAM	12	0	19.54	19.45	19.53			
5	64QAM	12	7	19.59	19.49	19.58	20	0	
5	64QAM	12	13	19.23	19.55	19.41			
5	64QAM	25	0	19.43	19.47	19.50			

Band 41_Ant 4												
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.	Time-up limit (dBm)	MPR (dB)		
Channel				39750	40145	40620	41095	41560				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	21.25	21.23	21.21	21.20	21.18	21.8	0		
20	QPSK	1	49	21.13	21.12	21.19	21.07	21.03				
20	QPSK	1	99	21.13	21.13	21.16	21.13	21.04				
20	QPSK	50	0	21.23	21.20	21.18	21.16	21.10				
20	QPSK	50	24	21.16	21.09	21.08	21.16	21.13	21.8	0		
20	QPSK	50	50	21.08	21.09	21.08	21.05	21.06				
20	QPSK	100	0	21.21	21.20	21.18	21.16	21.15				
20	16QAM	1	0	21.21	21.20	21.08	21.14	21.10				
20	16QAM	1	49	21.08	21.08	21.19	21.08	21.12	21.8	0		
20	16QAM	1	99	21.17	21.18	21.07	21.03	21.01				
20	16QAM	50	0	21.15	21.07	21.14	21.12	21.08				
20	16QAM	50	24	21.15	21.10	21.15	21.08	21.12				
20	16QAM	50	50	21.20	21.09	21.10	21.04	21.11	21.8	0		
20	64QAM	1	0	21.19	21.09	21.05	21.09	21.06				
20	64QAM	1	49	21.17	21.12	21.11	21.10	21.11				
20	64QAM	1	99	21.15	21.17	21.10	21.03	21.14				
20	64QAM	50	0	20.38	20.42	20.31	20.34	20.30	20.8	1		
20	64QAM	50	24	20.47	20.41	20.36	20.38	20.30				
20	64QAM	50	50	20.51	20.42	20.40	20.35	20.34				
20	64QAM	100	0	20.44	20.42	20.38	20.34	20.31				
Channel				39725	40173	40620	41098	41585	Time-up limit (dBm)		MPR (dB)	
Frequency (MHz)				2603.5	2646.3	2693	2737.5	2692.5 <td></td> <td></td> <td></td>				
15	QPSK	1	0	21.15	21.18	21.05	21.11	21.03	21.8		0	
15	QPSK	1	37	21.15	21.06	21.11	21.14	21.11				
15	QPSK	1	74	21.09	21.17	21.06	21.11	21.04				
15	QPSK	36	0	21.13	21.09	21.06	21.16	21.10				
15	QPSK	36	20	21.20	21.09	21.10	21.04	21.09	21.8	0		
15	QPSK	36	39	21.20	21.18	21.07	21.08	21.05				
15	QPSK	75	0	21.21	21.16	21.09	21.04	21.13				
15	16QAM	1	0	21.17	21.15	21.05	21.04	21.01				
15	16QAM	1	37	21.17	21.16	21.09	21.04	21.05	21.8	0		
15	16QAM	1	74	21.15	21.19	21.10	21.08	21.13				
15	16QAM	36	0	21.12	21.06	21.12	21.10	21.12				
15	16QAM	36	20	21.21	21.08	21.09	21.09	21.09				
15	16QAM	36	39	21.18	21.20	21.06	21.07	21.06	21.8	0		
15	16QAM	36	75	21.13	21.17	21.06	21.16	21.01				
15	64QAM	1	0	21.15	21.18	21.13	21.17	21.09				
15	64QAM	1	37	21.13	21.15	21.16	21.07	21.15				
15	64QAM	1	74	21.18	21.06	21.08	21.16	21.12	20.8	1		
15	64QAM	36	0	20.32	20.33	20.34	20.24	20.23				
15	64QAM	36	20	20.38	20.31	20.31	20.28	20.23				
15	64QAM	36	39	20.45	20.34	20.30	20.29	20.24				
15	64QAM	75	0	20.35	20.32	20.29	20.28	20.26				
Channel				39700	40160	40620	41080	41540	Time-up limit (dBm)		MPR (dB)	
Frequency (MHz)				2501	2547	2593	2638	2685 <td></td> <td></td> <td></td>				
10	QPSK	1	0	21.14	21.11	21.16	21.12	21.09	21.8	0		
10	QPSK	1	25	21.19	21.08	21.14	21.15	21.03				
10	QPSK	1	49	21.19	21.15	21.14	21.09	21.05				
10	QPSK	25	0	21.22	21.10	21.17	21.16	21.12				
10	QPSK	25	12	21.16	21.09	21.10	21.09	21.14	21.8	0		
10	QPSK	25	25	21.14	21.07	21.08	21.15	21.13				
10	QPSK	50	0	21.13	21.13	21.15	21.04	21.14				
10	16QAM	1	0	21.15	21.10	21.11	21.14	21.02				
10	16QAM	1	25	21.17	21.15	21.06	21.05	21.14	21.8	0		
10	16QAM	1	49	21.10	21.12	21.07	21.05	21.09				
10	16QAM	25	0	21.21	21.09	21.16	21.10	21.01				
10	16QAM	25	12	21.21	21.15	21.16	21.08	21.04				
10	16QAM	25	25	21.20	21.10	21.18	21.16	21.14	21.8	0		
10	16QAM	50	0	21.17	21.13	21.16	21.15	21.11				
10	64QAM	1	0	21.08	21.17	21.05	21.17	21.15				
10	64QAM	1	25	21.11	21.13	21.07	21.05	21.14				
10	64QAM	1	49	21.08	21.20	21.10	21.07	21.09	20.8	1		
10	64QAM	25	0	20.31	20.37	20.23	20.24	20.24				
10	64QAM	25	12	20.39	20.31	20.31	20.30	20.25				
10	64QAM	25	25	20.42	20.37	20.35	20.29	20.28				
10	64QAM	50	0	20.34	20.38	20.31	20.25	20.26				
Channel				39675	40148	40620	41093	41565	Time-up limit (dBm)		MPR (dB)	
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5 <td></td> <td></td> <td></td>				
5	QPSK	1	0	21.16	21.16	21.10	21.11	21.03	21.8	0		
5	QPSK	1	12	21.09	21.09	21.07	21.15	21.10				
5	QPSK	1	24	21.22	21.13	21.05	21.16	21.05				
5	QPSK	12	0	21.22	21.10	21.08	21.16	21.08				
5	QPSK	12	7	21.12	21.08	21.10	21.12	21.12	21.8	0		
5	QPSK	12	13	21.20	21.20	21.12	21.04	21.05				
5	QPSK	25	0	21.17	21.09	21.14	21.06	21.12				
5	16QAM	1	0	21.16	21.13	21.14	21.05	21.15				
5	16QAM	1	12	21.10	21.14	21.13	21.17	21.15	21.8	0		
5	16QAM	1	24	21.09	21.14	21.15	21.08	21.13				
5	16QAM	12	0	21.18	21.09	21.06	21.04	21.03				
5	16QAM	12	7	21.09	21.06	21.19	21.14	21.07				
5	16QAM	12	13	21.11	21.18	21.11	21.06	21.14	21.8	0		
5	16QAM	25	0	21.12	21.20	21.13	21.07	21.14				
5	64QAM	1	0	21.16	21.11	21.11	21.03	21.14				
5	64QAM	1	12	21.17	21.10	21.05	21.12	21.02				
5	64QAM	1	24	21.11	21.09	21.17	21.06	21.02	20.8	1		
5	64QAM	12	0	20.33	20.33	20.21	20.28	20.24				
5	64QAM	12	7	20.41	20.36	20.27	20.30	20.23				
5	64QAM	12	13	20.46	20.37	20.40	20.32	20.28				
5	64QAM	25	0	20.39	20.39	20.30	20.28	20.22				

Band 41_Ant_3_PC2												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Frac.	Power Low Middle Ch./Frac.	Power Middle Ch./Frac.	Power High Middle Ch./Frac.	Power High Ch./Frac.	Turn-up limit (dBm)	MPR (dB)		
Channel				39750	40165	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	24.10	24.12	24.13	23.89	23.83	25.4	0		
20	QPSK	1	49	24.00	23.95	24.05	23.79	23.68				
20	QPSK	1	99	23.95	24.03	23.98	23.83	23.70				
20	QPSK	50	0	24.08	24.00	24.11	23.86	23.81				
20	QPSK	50	50	23.93	24.05	24.07	23.76	23.77	25.4	0		
20	QPSK	100	0	24.06	24.08	24.10	23.85	23.80				
20	16QAM	1	0	23.94	23.97	23.96	23.83	23.68				
20	16QAM	1	49	24.05	24.06	24.07	23.84	23.72				
20	16QAM	1	99	23.99	23.96	24.07	23.85	23.66	25.4	0		
20	16QAM	50	0	23.95	23.98	24.09	23.78	23.71				
20	16QAM	50	24	24.07	23.96	24.07	23.82	23.72				
20	16QAM	50	50	24.02	23.99	24.00	23.84	23.79				
20	16QAM	100	0	24.00	24.02	24.07	23.83	23.68	25.4	0		
20	64QAM	1	0	24.04	24.03	24.01	23.83	23.67				
20	64QAM	1	49	24.03	24.08	24.01	23.77	23.72				
20	64QAM	1	99	24.02	23.96	24.07	23.74	23.73				
20	64QAM	50	0	23.95	23.83	23.95	23.31	23.19	24.4	1		
20	64QAM	50	24	23.61	23.65	23.59	23.30	23.22				
20	64QAM	50	50	23.62	23.65	23.59	23.28	23.22				
20	64QAM	100	0	23.59	23.63	23.56	23.30	23.19				
Channel				39725	40173	40620	41058	41492.5	Turn-up limit (dBm)		MPR (dB)	
Frequency (MHz)				2621.5	2664.3	2693	2673.8	2682.5				
15	QPSK	1	0	24.04	24.08	24.08	23.86	23.76	25.4		0	
15	QPSK	1	37	24.00	23.95	24.02	23.84	23.73				
15	QPSK	1	74	24.03	24.04	24.01	23.84	23.68				
15	QPSK	36	0	24.01	23.97	24.01	23.78	23.77				
15	QPSK	36	39	23.98	23.97	24.04	23.75	23.66	25.4	0		
15	QPSK	75	0	24.01	24.04	24.07	23.77	23.76				
15	16QAM	1	0	23.94	24.09	24.08	23.74	23.73				
15	16QAM	1	37	24.06	23.96	23.99	23.76	23.70				
15	16QAM	1	74	24.03	24.00	24.06	23.77	23.74	25.4	0		
15	16QAM	36	0	23.96	24.08	23.99	23.82	23.72				
15	16QAM	36	20	24.06	24.07	23.97	23.81	23.69				
15	16QAM	36	39	23.93	23.95	24.00	23.82	23.68				
15	16QAM	75	0	24.04	23.98	24.06	23.74	23.68	25.4	0		
15	64QAM	1	0	23.93	23.99	24.05	23.82	23.79				
15	64QAM	1	37	24.00	24.06	24.05	23.84	23.80				
15	64QAM	1	74	23.94	24.08	24.10	23.81	23.80				
15	64QAM	36	0	23.95	23.96	23.91	23.74	23.77	24.4	1		
15	64QAM	36	20	23.91	23.93	23.92	23.19	23.14				
15	64QAM	36	39	23.58	23.54	23.46	23.15	23.12				
15	64QAM	75	0	23.49	23.58	23.54	23.18	23.14				
Channel				39710	40160	40620	41080	41540	Turn-up limit (dBm)		MPR (dB)	
Frequency (MHz)				2501	2547	2593	2637	2685				
10	QPSK	1	0	23.97	24.00	24.05	23.86	23.73	25.4	0		
10	QPSK	1	25	24.04	23.98	24.03	23.74	23.78				
10	QPSK	1	49	24.03	24.01	23.97	23.75	23.73				
10	QPSK	25	0	23.97	23.96	24.06	23.79	23.75				
10	QPSK	25	12	23.99	23.96	23.99	23.78	23.76	25.4	0		
10	QPSK	25	25	24.06	23.99	24.08	23.74	23.69				
10	QPSK	50	0	24.02	24.08	24.08	23.77	23.70				
10	16QAM	1	0	24.04	24.03	24.09	23.85	23.71				
10	16QAM	1	25	24.01	24.08	24.06	23.79	23.69	25.4	0		
10	16QAM	1	49	23.94	24.09	24.08	23.74	23.68				
10	16QAM	25	0	23.93	24.01	24.00	23.80	23.68				
10	16QAM	25	12	23.96	24.01	24.00	23.82	23.71				
10	16QAM	25	25	23.99	24.06	23.99	23.77	23.68	25.4	0		
10	16QAM	50	0	24.04	23.98	23.96	23.74	23.77				
10	64QAM	1	0	24.02	24.08	24.08	23.81	23.70				
10	64QAM	1	25	23.97	24.07	23.96	23.77	23.80				
10	64QAM	1	49	24.06	24.04	24.09	23.87	23.80	24.4	1		
10	64QAM	25	0	23.42	23.53	23.41	23.28	23.18				
10	64QAM	25	12	23.38	23.61	23.41	23.26	23.17				
10	64QAM	25	25	23.47	23.60	23.47	23.25	23.20				
10	64QAM	50	0	23.44	23.50	23.49	23.29	23.12				
Channel				39675	40148	40620	41093	41555	Turn-up limit (dBm)		MPR (dB)	
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5				
5	QPSK	1	0	24.07	24.00	24.07	23.78	23.76	25.4	0		
5	QPSK	1	12	24.02	24.04	24.07	23.75	23.68				
5	QPSK	1	24	23.98	24.04	24.08	23.78	23.74				
5	QPSK	12	0	24.04	24.01	24.06	23.82	23.68				
5	QPSK	12	7	24.05	24.00	24.05	23.73	23.76	25.4	0		
5	QPSK	12	13	23.99	23.99	24.06	23.73	23.78				
5	QPSK	25	0	23.94	23.97	23.93	23.78	23.78				
5	16QAM	1	0	23.94	24.03	24.03	23.82	23.76				
5	16QAM	1	12	24.06	24.05	23.99	23.83	23.72	25.4	0		
5	16QAM	1	24	24.05	24.05	24.00	23.84	23.72				
5	16QAM	12	0	24.02	23.99	24.01	23.77	23.71				
5	16QAM	12	7	23.97	23.96	24.10	23.80	23.77				
5	16QAM	12	13	23.93	24.02	24.01	23.73	23.78	25.4	0		
5	16QAM	25	0	24.00	24.09	24.02	23.83	23.70				
5	16QAM	1	0	23.97	23.96	23.98	23.80	23.78				
5	64QAM	1	12	24.05	24.03	24.03	23.80	23.71				
5	64QAM	1	24	24.00	24.06	24.06	23.87	23.75	24.4	1		
5	64QAM	12	0	23.54	23.62	23.41	23.17	23.05				
5	64QAM	12	7	23.51	23.57	23.46	23.16	23.15				
5	64QAM	12	13	23.48	23.52	23.42	23.16	23.14				
5	64QAM	25	0	23.56	23.50	23.49	23.19	23.14				

Reduced Power Mode for ECI 10

	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Full
	128	189	251		128	189	251	Tune-up Limit (dBm)
GSM850_Ant 0	128	189	251		128	189	251	
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.6		824.2	836.4	848.6	
GSM 1 Tx slot	33.13	33.18	33.15	34.00	24.13	24.18	24.15	25.00
GPRS/EDGE GMSK 1 Tx slot	33.11	33.17	33.13	34.00	24.11	24.17	24.13	25.00
GPRS/EDGE GMSK 2 Tx slots	30.13	30.20	30.16	31.00	24.13	24.20	24.16	25.00
GPRS/EDGE GMSK 3 Tx slots	28.60	28.65	28.61	29.00	24.34	24.39	24.35	24.74
GPRS/EDGE GMSK 4 Tx slots	27.01	27.10	27.05	28.00	24.01	24.10	24.05	25.00
EDGE 8PSK 1 Tx slot	28.08	28.15	28.13	30.00	19.08	19.15	19.13	21.00
EDGE 8PSK 2 Tx slots	26.85	26.89	26.88	27.00	20.85	20.89	20.88	21.00
EDGE 8PSK 3 Tx slots	24.72	24.81	24.71	25.00	20.46	20.55	20.45	20.74
EDGE 8PSK 4 Tx slots	23.71	23.75	23.64	24.00	20.71	20.75	20.64	21.00

	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	Tune-up Limit (dBm)
GSM850_Ant 1	128	189	251		128	189	251	
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.6		824.2	836.4	848.6	
GSM 1 Tx slot	30.16	30.18	30.10	31.00	21.16	21.18	21.10	22.00
GPRS/EDGE GMSK 1 Tx slot	30.15	30.17	30.07	31.00	21.15	21.17	21.07	22.00
GPRS/EDGE GMSK 2 Tx slots	27.08	27.16	27.11	28.00	21.08	21.16	21.11	22.00
GPRS/EDGE GMSK 3 Tx slots	25.38	25.47	25.45	26.00	21.12	21.21	21.19	21.74
GPRS/EDGE GMSK 4 Tx slots	24.06	24.20	24.15	25.00	21.06	21.20	21.15	22.00
EDGE 8PSK 1 Tx slot	28.06	28.13	28.03	30.00	19.06	19.13	19.03	21.00
EDGE 8PSK 2 Tx slots	26.67	26.77	26.66	27.00	20.67	20.77	20.66	21.00
EDGE 8PSK 3 Tx slots	24.54	24.64	24.55	25.00	20.28	20.38	20.29	20.74
EDGE 8PSK 4 Tx slots	23.35	23.38	23.29	24.00	20.35	20.38	20.29	21.00

	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Full
	512	661	810		512	661	810	Tune-up Limit (dBm)
GSM1900_Ant 4	512	661	810		512	661	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	30.20	30.25	30.22	31.00	21.20	21.25	21.22	22.00
GPRS/EDGE GMSK 1 Tx slot	30.18	30.23	30.21	31.00	21.18	21.23	21.21	22.00
GPRS/EDGE GMSK 2 Tx slots	27.25	27.30	27.28	28.00	21.25	21.30	21.28	22.00
GPRS/EDGE GMSK 3 Tx slots	25.75	25.82	25.78	26.00	21.49	21.56	21.52	21.74
GPRS/EDGE GMSK 4 Tx slots	24.19	24.26	24.23	25.00	21.19	21.26	21.23	22.00
EDGE 8PSK 1 Tx slot	26.10	26.18	26.09	28.00	17.10	17.18	17.09	19.00
EDGE 8PSK 2 Tx slots	24.88	24.90	24.84	25.00	18.88	18.90	18.84	19.00
EDGE 8PSK 3 Tx slots	22.58	22.64	22.56	23.00	18.32	18.38	18.30	18.74
EDGE 8PSK 4 Tx slots	21.25	21.38	21.26	22.00	18.25	18.38	18.26	19.00

	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	Tune-up Limit (dBm)
GSM1900_Ant 3	512	661	810		512	661	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	25.93	25.98	25.83	27.00	16.93	16.98	16.83	18.00
GPRS/EDGE GMSK 1 Tx slot	25.91	25.95	25.81	27.00	16.91	16.95	16.81	18.00
GPRS/EDGE GMSK 2 Tx slots	22.99	23.00	22.85	24.00	16.99	17.00	16.85	18.00
GPRS/EDGE GMSK 3 Tx slots	21.12	21.23	21.15	22.00	16.86	16.97	16.89	17.74
GPRS/EDGE GMSK 4 Tx slots	19.98	20.00	19.95	21.00	16.98	17.00	16.95	18.00
EDGE 8PSK 1 Tx slot	25.32	25.45	25.40	26.50	16.32	16.45	16.40	17.50
EDGE 8PSK 2 Tx slots	22.08	22.20	22.16	22.50	16.08	16.20	16.16	16.50
EDGE 8PSK 3 Tx slots	20.00	20.10	20.06	20.50	15.74	15.84	15.80	16.24
EDGE 8PSK 4 Tx slots	18.20	18.33	18.22	19.00	15.20	15.33	15.22	16.00

Band	WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA II_Ant 3			Tune-up Limit (dBm)	
	TX Channel	9262	9400		9538	TX Channel	9262		9400
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	24.45	24.58	24.36	25.10	16.91	16.93	16.71	17.60
3GPP Rel 99	RMC 12.2Kbps	24.48	24.60	24.38	25.10	16.93	16.95	16.73	17.60
3GPP Rel 6	HS-DS-SS Subtest-1	22.69	23.16	22.91	23.30	15.32	15.49	15.24	15.80
3GPP Rel 6	HS-DS-SS Subtest-2	22.70	23.13	22.94	23.30	15.39	15.45	15.14	15.80
3GPP Rel 6	HS-DS-SS Subtest-3	22.28	22.70	22.43	22.80	14.96	14.99	14.71	15.30
3GPP Rel 6	HS-DS-SS Subtest-4	22.24	22.63	22.38	22.80	14.83	14.94	14.75	15.30
3GPP Rel 8	DC-HS-SSA Subtest-1	22.57	23.02	22.76	23.30	15.27	15.44	15.03	15.80
3GPP Rel 8	DC-HS-SSA Subtest-2	22.67	23.06	22.89	23.30	15.16	15.37	15.14	15.80
3GPP Rel 8	DC-HS-SSA Subtest-3	22.24	22.64	22.41	22.80	14.84	15.00	14.64	15.30
3GPP Rel 8	DC-HS-SSA Subtest-4	22.21	22.53	22.33	22.80	14.90	14.92	14.68	15.30
3GPP Rel 6	HS-UPA Subtest-1	21.16	21.61	21.43	21.80	13.70	13.82	13.60	14.30
3GPP Rel 6	HS-UPA Subtest-2	21.20	21.63	21.45	21.80	13.75	13.87	13.56	14.30
3GPP Rel 6	HS-UPA Subtest-3	22.26	22.66	22.48	22.80	14.85	14.83	14.64	15.30
3GPP Rel 6	HS-UPA Subtest-4	20.95	21.37	21.18	21.80	13.30	13.39	13.15	14.30
3GPP Rel 6	HS-UPA Subtest-5	22.70	22.75	22.73	22.80	14.72	14.75	14.46	15.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.10	21.58	21.41	21.80	13.60	13.76	13.45	14.30

Band	WCDMA IV_Ant 4				Tune-up Limit (dBm)	WCDMA IV_Ant 3				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	24.31	24.33	24.26	25.10	16.53	16.61	16.51	17.60	
3GPP Rel 99	RMC 12.2Kbps	24.33	24.35	24.30	25.10	16.55	16.63	16.53	17.60	
3GPP Rel 6	HS-DSA Subtest-1	23.37	23.32	23.27	23.80	15.32	15.31	15.42	16.30	
3GPP Rel 6	HS-DSA Subtest-2	23.36	23.30	23.31	23.80	15.27	15.35	15.39	16.30	
3GPP Rel 6	HS-DSA Subtest-3	22.91	22.92	22.81	23.30	14.93	14.92	14.86	15.80	
3GPP Rel 6	HS-DSA Subtest-4	22.87	22.85	22.80	23.30	14.82	14.88	14.90	15.80	
3GPP Rel 8	DC-HSDPA Subtest-1	23.22	23.23	23.15	23.80	15.21	15.36	15.35	16.30	
3GPP Rel 8	DC-HSDPA Subtest-2	23.24	23.27	23.30	23.80	15.17	15.22	15.32	16.30	
3GPP Rel 8	DC-HSDPA Subtest-3	22.86	22.87	22.74	23.30	14.91	14.84	14.92	15.80	
3GPP Rel 8	DC-HSDPA Subtest-4	22.83	22.72	22.76	23.30	14.85	14.78	14.72	15.80	
3GPP Rel 6	HS-UPA Subtest-1	21.46	21.36	21.34	21.80	13.49	13.46	13.38	14.30	
3GPP Rel 6	HS-UPA Subtest-2	21.41	21.40	21.40	21.80	13.33	13.44	13.45	14.30	
3GPP Rel 6	HS-UPA Subtest-3	22.42	22.34	22.37	22.80	14.39	14.36	14.39	15.30	
3GPP Rel 6	HS-UPA Subtest-4	20.93	20.92	20.94	21.80	12.89	12.92	12.98	14.30	
3GPP Rel 6	HS-UPA Subtest-5	22.40	22.40	22.30	22.80	14.40	14.47	14.39	15.30	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.37	21.29	21.39	21.80	13.33	13.37	13.34	14.30	

Band	WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)	
	4132	4162	4233		4132	4162	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	24.50	24.53	24.48	25.10	21.05	21.11	21.07	21.60
3GPP Rel 99	RMC 12.2Kbps	24.52	24.55	24.50	25.10	21.06	21.13	21.08	21.60
3GPP Rel 6	HS-DS-Subtest-1	23.49	23.47	23.62	23.80	20.06	19.88	20.00	20.30
3GPP Rel 6	HS-DS-Subtest-2	23.53	23.48	23.68	23.80	20.01	19.83	20.10	20.30
3GPP Rel 6	HS-DS-Subtest-3	23.05	23.01	23.20	23.30	19.46	19.53	19.64	19.80
3GPP Rel 6	HS-DS-Subtest-4	23.00	22.97	23.22	23.30	19.51	19.35	19.62	19.80
3GPP Rel 8	DC-HS-DS-Subtest-1	23.41	23.45	23.54	23.80	19.97	19.79	19.96	20.30
3GPP Rel 8	DC-HS-DS-Subtest-2	23.52	23.43	23.63	23.80	20.02	19.78	20.01	20.30
3GPP Rel 8	DC-HS-DS-Subtest-3	23.02	22.89	23.05	23.30	19.47	19.44	19.57	19.80
3GPP Rel 8	DC-HS-DS-Subtest-4	22.85	22.81	23.18	23.30	19.41	19.29	19.54	19.80
3GPP Rel 6	HS-UPA-Subtest-1	21.49	21.47	21.56	21.80	17.90	17.92	17.98	18.30
3GPP Rel 6	HS-UPA-Subtest-2	21.51	21.46	21.55	21.80	17.99	17.81	18.07	18.30
3GPP Rel 6	HS-UPA-Subtest-3	22.50	22.50	22.59	22.80	19.01	18.93	18.91	19.30
3GPP Rel 6	HS-UPA-Subtest-4	21.02	20.98	21.06	21.80	17.46	17.50	17.41	18.30
3GPP Rel 6	HS-UPA-Subtest-5	22.50	22.50	22.60	22.80	18.90	18.83	19.05	19.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.36	21.38	21.43	21.80	17.84	17.74	17.86	18.30

Band 2_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				18700	18900	19100						
Frequency (MHz)				1860	1880	1900						
20	QPSK	1	0	23.36	23.36	23.31	23.8	0				
20	QPSK	1	49	23.32	23.36	23.10						
20	QPSK	1	99	23.24	23.14	23.03						
20	QPSK	50	0	22.35	22.37	22.26	22.8	1				
20	QPSK	50	50	21.33	21.28	21.10						
20	QPSK	50	100	20.23	20.23	20.06						
20	QPSK	100	0	22.25	22.35	22.07	22.8	1				
20	16QAM	1	0	22.46	22.52	22.41						
20	16QAM	1	49	22.55	22.55	22.28						
20	16QAM	1	99	22.48	22.34	22.26	21.8	2				
20	16QAM	50	0	21.25	21.29	21.13						
20	16QAM	50	24	21.32	21.26	21.09						
20	16QAM	50	50	21.22	21.22	21.04	21.8	2				
20	16QAM	100	0	21.22	21.25	21.03						
20	16QAM	1	0	21.36	21.40	21.36						
20	64QAM	1	49	21.51	21.49	21.20	21.8	2				
20	64QAM	1	99	21.40	21.32	21.15						
20	64QAM	50	0	20.36	20.32	20.28						
20	64QAM	50	24	20.38	20.31	20.25	20.8	3				
20	64QAM	50	50	20.23	20.20	20.16						
20	64QAM	100	0	20.30	20.20	20.12						
Channel				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1857.5	1880	1902.5						
15	QPSK	1	0	23.21	23.35	23.22	23.8	0				
15	QPSK	1	37	23.31	23.30	23.08						
15	QPSK	1	74	23.16	23.11	22.93						
15	QPSK	36	0	22.31	22.23	22.16	22.8	1				
15	QPSK	36	20	22.23	22.18	22.09						
15	QPSK	36	39	22.15	22.16	22.03						
15	QPSK	75	0	22.20	22.33	21.94	22.8	1				
15	16QAM	1	0	22.45	22.51	22.30						
15	16QAM	1	37	22.45	22.46	22.20						
15	16QAM	1	74	22.36	22.27	22.19	21.8	2				
15	16QAM	36	0	21.17	21.18	21.09						
15	16QAM	36	20	21.28	21.13	21.03						
15	16QAM	36	39	21.13	21.08	20.99	21.8	2				
15	16QAM	75	0	21.16	21.21	21.01						
15	64QAM	1	0	21.30	21.30	21.33						
15	64QAM	1	37	21.48	21.45	21.18	21.8	2				
15	64QAM	1	74	21.39	21.36	21.00						
15	64QAM	36	0	20.32	20.25	20.19						
15	64QAM	36	20	20.34	20.17	20.17	20.8	3				
15	64QAM	36	39	20.13	20.13	20.01						
15	64QAM	75	0	20.16	20.18	20.08						
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				18650	18900	19150						
10	QPSK	1	0	23.28	23.25	23.23	23.8	0				
10	QPSK	1	25	23.31	23.31	22.95						
10	QPSK	1	49	23.13	23.08	22.97						
10	QPSK	25	0	22.23	22.28	22.26	22.8	1				
10	QPSK	25	12	22.26	22.21	21.99						
10	QPSK	25	25	22.18	22.17	22.03						
10	QPSK	50	0	22.11	22.26	21.95	22.8	1				
10	16QAM	1	0	22.33	22.43	22.27						
10	16QAM	1	25	22.54	22.41	22.15						
10	16QAM	1	49	22.34	22.33	22.16	21.8	2				
10	16QAM	25	0	21.14	21.25	21.03						
10	16QAM	25	12	21.30	21.25	21.03						
10	16QAM	25	25	21.26	21.20	20.98	21.8	2				
10	16QAM	50	0	21.21	21.13	20.96						
10	64QAM	1	0	21.30	21.27	21.28						
10	64QAM	1	25	21.38	21.47	21.14	21.8	2				
10	64QAM	1	49	21.38	21.22	21.03						
10	64QAM	25	0	20.27	20.27	20.22						
10	64QAM	25	12	20.34	20.29	20.23	20.8	3				
10	64QAM	25	25	20.15	20.19	20.04						
10	64QAM	50	0	20.16	20.15	20.16						
Channel				18525	18800	19075	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				18525	18800	19075						
5	QPSK	1	0	23.25	23.29	23.22	23.8	0				
5	QPSK	1	12	23.25	23.28	23.03						
5	QPSK	1	24	23.17	23.00	22.98						
5	QPSK	12	0	22.25	22.31	22.24	22.8	1				
5	QPSK	12	7	22.26	22.25	22.08						
5	QPSK	12	13	22.10	22.19	22.00						
5	QPSK	25	0	22.22	22.26	21.92	22.8	1				
5	16QAM	1	0	22.40	22.45	22.36						
5	16QAM	1	12	22.42	22.40	22.19						
5	16QAM	1	24	22.46	22.27	22.21	21.8	2				
5	16QAM	12	0	21.12	21.23	21.03						
5	16QAM	12	7	21.21	21.12	21.08						
5	16QAM	12	13	21.13	21.10	20.99	21.8	2				
5	16QAM	25	0	21.16	21.24	21.00						
5	64QAM	1	0	21.23	21.26	21.31						
5	64QAM	1	12	21.42	21.45	21.08	21.8	2				
5	64QAM	1	24	21.38	21.18	21.03						
5	64QAM	12	0	20.21	20.26	20.16						
5	64QAM	12	7	20.36	20.18	20.22	20.8	3				
5	64QAM	12	13	20.20	20.13	20.09						
5	64QAM	25	0	20.29	20.15	20.11						
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				18615	18900	19185						
3	QPSK	1	0	23.33	23.31	23.26	23.8	0				
3	QPSK	1	8	23.21	23.26	23.07						
3	QPSK	1	14	23.23	23.08	22.90						
3	QPSK	8	0	22.30	22.27	22.16	22.8	1				
3	QPSK	8	4	22.22	22.14	22.03						
3	QPSK	8	7	22.13	22.15	22.00						
3	QPSK	15	0	22.13	22.33	22.02	22.8	1				
3	16QAM	1	0	22.38	22.49	22.32						
3	16QAM	1	8	22.53	22.48	22.16						
3	16QAM	1	14	22.38	22.28	22.12	21.8	2				
3	16QAM	8	0	21.15	21.14	21.11						
3	16QAM	8	4	21.26	21.13	20.98						
3	16QAM	8	7	21.11	21.08	20.93	21.8	2				
3	16QAM	15	0	21.18	21.12	20.89						
3	64QAM	1	0	21.34	21.35	21.31						
3	64QAM	1	8	21.44	21.46	21.12	21.8	2				
3	64QAM	1	14	21.37	21.25	21.09						
3	64QAM	8	0	20.35	20.20	20.13						

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	17.5	0		
Frequency (MHz)				1720	1732.5	1745				
20	QPSK	1	0	16.98	17.01	16.97	17.5	0		
20	QPSK	1	49	16.85	16.88	16.89				
20	QPSK	1	99	16.84	16.91	16.92				
20	QPSK	50	0	16.97	17.00	16.96				
20	QPSK	50	24	16.85	16.94	16.89				
20	QPSK	50	50	16.88	16.91	16.87	17.5	0		
20	QPSK	100	0	16.95	16.98	16.93				
20	16QAM	1	0	16.88	16.97	16.90				
20	16QAM	1	49	16.84	16.98	16.94				
20	16QAM	1	99	16.91	16.87	16.93				
20	16QAM	50	0	16.84	16.88	16.94	17.5	0		
20	16QAM	50	24	16.82	16.92	16.87				
20	16QAM	50	50	16.83	16.97	16.93				
20	16QAM	100	0	16.82	16.85	16.92				
20	16QAM	1	0	16.91	16.87	16.91				
20	64QAM	1	49	16.83	16.94	16.81	17.5	0		
20	64QAM	1	99	16.92	16.97	16.88				
20	64QAM	50	0	16.85	16.92	16.80				
20	64QAM	50	24	16.82	16.98	16.90				
20	64QAM	50	50	16.93	16.91	16.92				
20	64QAM	100	0	16.92	16.87	16.85	17.5	0		
Channel				20050	20175	20300				
Frequency (MHz)				1717.5	1732.5	1747.5	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	16.86	16.95	16.92	17.5	0		
15	QPSK	1	37	16.78	16.79	16.89				
15	QPSK	1	74	16.71	16.89	16.89				
15	QPSK	36	0	16.89	16.91	16.81				
15	QPSK	36	20	16.75	16.89	16.82				
15	QPSK	36	39	16.75	16.88	16.81	17.5	0		
15	QPSK	75	0	16.93	16.86	16.79				
15	16QAM	1	0	16.83	16.93	16.85				
15	16QAM	1	37	16.78	16.84	16.97				
15	16QAM	1	74	16.83	16.75	16.89				
15	16QAM	36	0	16.70	16.82	16.82	17.5	0		
15	16QAM	36	20	16.75	16.81	16.76				
15	16QAM	36	39	16.79	16.87	16.89				
15	16QAM	75	0	16.77	16.72	16.90				
15	64QAM	1	0	16.88	16.82	16.83				
15	64QAM	1	37	16.82	16.91	16.89	17.5	0		
15	64QAM	1	74	16.83	16.84	16.85				
15	64QAM	36	0	16.75	16.79	16.74				
15	64QAM	36	20	16.76	16.83	16.79				
15	64QAM	36	39	16.86	16.77	16.86				
15	64QAM	75	0	16.88	16.75	16.74	17.5	0		
Channel				20000	20175	20350				
Frequency (MHz)				1715	1732.5	1750	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	0	16.91	16.99	16.84	17.5	0		
10	QPSK	1	25	16.78	16.75	16.75				
10	QPSK	1	49	16.82	16.86	16.82				
10	QPSK	25	0	16.90	16.85	16.83				
10	QPSK	25	12	16.84	16.97	16.92				
10	QPSK	25	25	16.75	16.89	16.76	17.5	0		
10	QPSK	50	0	16.94	16.85	16.80				
10	16QAM	1	0	16.81	16.89	16.79				
10	16QAM	1	25	16.79	16.96	16.91				
10	16QAM	1	49	16.88	16.86	16.86				
10	16QAM	25	0	16.81	16.77	16.89	17.5	0		
10	16QAM	25	12	16.75	16.89	16.72				
10	16QAM	25	25	16.77	16.92	16.76				
10	16QAM	50	0	16.71	16.75	16.89				
10	64QAM	1	0	16.79	16.72	16.86				
10	64QAM	1	25	16.75	16.79	16.74	17.5	0		
10	64QAM	1	49	16.84	16.90	16.78				
10	64QAM	25	0	16.84	16.77	16.66				
10	64QAM	25	12	16.76	16.93	16.75				
10	64QAM	25	25	16.90	16.77	16.79				
10	64QAM	50	0	16.79	16.82	16.76	17.5	0		
Channel				19975	20175	20375				
Frequency (MHz)				1712.5	1732.5	1752.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	16.90	16.88	16.91	17.5	0		
5	QPSK	1	12	16.71	16.80	16.80				
5	QPSK	1	24	16.77	16.80	16.79				
5	QPSK	12	0	16.89	16.99	16.91				
5	QPSK	12	7	16.72	16.82	16.83				
5	QPSK	12	13	16.79	16.88	16.75	17.5	0		
5	QPSK	25	0	16.91	16.93	16.86				
5	16QAM	1	0	16.76	16.90	16.76				
5	16QAM	1	12	16.73	16.96	16.84				
5	16QAM	1	24	16.82	16.76	16.82				
5	16QAM	12	0	16.82	16.74	16.88	17.5	0		
5	16QAM	12	7	16.79	16.89	16.80				
5	16QAM	12	13	16.80	16.82	16.89				
5	16QAM	25	0	16.77	16.79	16.83				
5	64QAM	1	0	16.82	16.78	16.77				
5	64QAM	1	12	16.77	16.80	16.73	17.5	0		
5	64QAM	1	24	16.87	16.83	16.86				
5	64QAM	12	0	16.84	16.84	16.70				
5	64QAM	12	7	16.74	16.91	16.80				
5	64QAM	12	13	16.85	16.82	16.90				
5	64QAM	25	0	16.88	16.77	16.81	17.5	0		
Channel				19955	20175	20385				
Frequency (MHz)				1711.5	1732.5	1753.5	Tune-up limit (dBm)	MPR (dB)		
3	QPSK	1	0	16.85	16.96	16.89	17.5	0		
3	QPSK	1	8	16.74	16.84	16.85				
3	QPSK	1	14	16.81	16.90	16.80				
3	QPSK	8	0	16.96	16.99	16.82				
3	QPSK	8	4	16.84	16.92	16.81				
3	QPSK	8	7	16.75	16.78	16.82	17.5	0		
3	QPSK	15	0	16.83	16.84	16.82				
3	16QAM	1	0	16.82	16.84	16.82				
3	16QAM	1	8	16.70	16.84	16.79				
3	16QAM	1	14	16.88	16.82	16.78				
3	16QAM	8	0	16.75	16.85	16.82	17.5	0		
3	16QAM	8	4	16.76	16.80	16.84				
3	16QAM	8	7	16.73	16.83	16.92				
3	16QAM	15	0	16.72	16.78	16.82				
3	64QAM	1	0	16.78	16.77	16.83				
3	64QAM	1	8	16.75	16.88	16.76	17.5	0		
3	64QAM	1	14	16.85	16.87	16.79				
3	64QAM	8	0	16.73	16.89	16.76				
3	64QAM	8	4	16.69	16.85	16.76				
3	64QAM	8	7	16.84	16.90	16.80				
3	64QAM	15	0	16.83	16.72	16.75	17.5	0		
Channel				19957	20175	20393				
Frequency (MHz)				1710.7	1732.5	1754.3	Tune-up limit (dBm)	MPR (dB)		
1.4	QPSK	1	0	16.84	16.86	16.86	17.5	0		

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	19.8	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	18.95	18.97	18.93			
20	QPSK	1	49	18.91	18.88	18.82	19.8	0	
20	QPSK	1	99	18.79	18.82	18.85			
20	QPSK	50	0	18.95	18.95	18.91			
20	QPSK	50	24	18.86	18.83	18.81	19.8	0	
20	QPSK	50	50	18.81	18.90	18.87			
20	QPSK	100	0	18.91	18.93	18.90			
20	16QAM	1	0	18.90	18.81	18.84	19.8	0	
20	16QAM	1	49	18.89	18.88	18.77			
20	16QAM	1	99	18.87	18.94	18.86			
20	16QAM	50	0	18.87	18.89	18.76	19.8	0	
20	16QAM	50	24	18.83	18.84	18.99			
20	16QAM	50	50	18.82	18.92	18.77			
20	16QAM	100	0	18.86	18.92	18.88	19.8	0	
20	64QAM	1	0	18.90	18.82	18.83			
20	64QAM	1	49	18.89	18.80	18.80			
20	64QAM	1	99	18.82	18.85	18.82	19.8	0	
20	64QAM	50	0	18.87	18.94	18.83			
20	64QAM	50	24	18.85	18.86	18.86			
20	64QAM	50	50	18.91	18.85	18.77	19.8	0	
20	64QAM	100	0	18.86	18.85	18.86			
Channel				20925	21100	21312	19.8	0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	18.93	18.82	18.78			
15	QPSK	1	37	18.90	18.85	18.67	19.8	0	
15	QPSK	1	74	18.73	18.71	18.80			
15	QPSK	36	0	18.85	18.89	18.83	19.8	0	
15	QPSK	36	20	18.81	18.76	18.72			
15	QPSK	36	39	18.74	18.79	18.77			
15	QPSK	75	0	18.80	18.80	18.89	19.8	0	
15	16QAM	1	0	18.89	18.72	18.83			
15	16QAM	1	37	18.75	18.82	18.71			
15	16QAM	1	74	18.76	18.82	18.80	19.8	0	
15	16QAM	36	0	18.81	18.78	18.66			
15	16QAM	36	20	18.82	18.74	18.87			
15	16QAM	36	39	18.69	18.84	18.67	19.8	0	
15	16QAM	75	0	18.81	18.89	18.79			
15	64QAM	1	0	18.83	18.70	18.80	19.8	0	
15	64QAM	1	37	18.75	18.75	18.72			
15	64QAM	1	74	18.79	18.74	18.81			
15	64QAM	36	0	18.76	18.84	18.82	19.8	0	
15	64QAM	36	20	18.75	18.75	18.78			
15	64QAM	36	39	18.79	18.77	18.72			
15	64QAM	75	0	18.76	18.70	18.73	19.8	0	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	18.86	18.90	18.80	19.8	0	
10	QPSK	1	25	18.76	18.81	18.69			
10	QPSK	1	49	18.65	18.76	18.73			
10	QPSK	25	0	18.89	18.94	18.84	19.8	0	
10	QPSK	25	12	18.84	18.79	18.77			
10	QPSK	25	25	18.70	18.77	18.83			
10	QPSK	50	0	18.87	18.90	18.79	19.8	0	
10	16QAM	1	0	18.79	18.70	18.83			
10	16QAM	1	25	18.87	18.86	18.64			
10	16QAM	1	49	18.78	18.84	18.81	19.8	0	
10	16QAM	25	0	18.72	18.83	18.63			
10	16QAM	25	12	18.77	18.79	18.81			
10	16QAM	25	25	18.73	18.80	18.67	19.8	0	
10	16QAM	50	0	18.82	18.78	18.73			
10	64QAM	1	0	18.87	18.70	18.74			
10	64QAM	1	25	18.88	18.77	18.72	19.8	0	
10	64QAM	1	49	18.72	18.70	18.67			
10	64QAM	25	0	18.74	18.88	18.78			
10	64QAM	25	12	18.80	18.82	18.72	19.8	0	
10	64QAM	25	25	18.79	18.73	18.71			
10	64QAM	50	0	18.80	18.68	18.77			
Channel				20715	21100	21425	19.8	0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	18.82	18.95	18.84			
5	QPSK	1	12	18.78	18.82	18.76	19.8	0	
5	QPSK	1	24	18.66	18.75	18.75			
5	QPSK	12	0	18.88	18.84	18.89	19.8	0	
5	QPSK	12	7	18.81	18.79	18.78			
5	QPSK	12	13	18.72	18.86	18.84			
5	QPSK	25	0	18.84	18.79	18.84	19.8	0	
5	16QAM	1	0	18.81	18.72	18.69			
5	16QAM	1	12	18.74	18.87	18.66			
5	16QAM	1	24	18.73	18.82	18.85	19.8	0	
5	16QAM	12	0	18.86	18.77	18.70			
5	16QAM	12	7	18.68	18.76	18.79			
5	16QAM	12	13	18.75	18.78	18.70	19.8	0	
5	16QAM	25	0	18.83	18.78	18.83			
5	64QAM	1	0	18.79	18.67	18.81			
5	64QAM	1	12	18.82	18.76	18.68	19.8	0	
5	64QAM	1	24	18.80	18.74	18.67			
5	64QAM	12	0	18.73	18.81	18.73			
5	64QAM	12	7	18.84	18.73	18.80	19.8	0	
5	64QAM	12	13	18.85	18.73	18.65			
5	64QAM	25	0	18.72	18.68	18.84			

n2_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 374000	Power Middle Ch. / Freq. 376000	Power High Ch. / Freq. 378000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.35	23.39	23.36	24.2	0.0	
40	QPSK	1	108	23.31	23.38	23.30			
40	QPSK	1	214	23.14	23.23	23.13			
40	QPSK	108	0	22.73	22.83	22.73	23.2	1.0	
40	QPSK	108	54	23.24	23.32	23.24	24.2	0.0	
40	QPSK	108	108	22.75	22.81	22.72	23.2	1.0	
40	QPSK	216	0	22.74	22.81	22.72			
40	16QAM	1	1	22.90	22.96	22.91	23.2	1.0	
40	64QAM	1	1	21.38	21.48	21.42	21.7	2.5	
40	256QAM	1	1	19.97	20.06	20.00	20.2	4.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	23.25	23.32	23.23	24.2	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.26	23.33	23.24	24.2	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	23.23	23.30	23.22	24.2	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.25	23.30	23.21	24.2	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.28	23.31	23.21	24.2	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.25	23.30	23.20	24.2	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	23.21	23.32	23.22	24.2	0.0	

Full&Default Power Mode									
n2_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 374000	Power Middle Ch. / Freq. 376000	Power High Ch. / Freq. 378000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.57	23.64	23.60	24.2	0.0	
40	QPSK	1	108	23.52	23.61	23.50			
40	QPSK	1	214	23.38	23.44	23.35			
40	QPSK	108	0	22.97	23.07	22.95	23.2	1.0	
40	QPSK	108	54	23.46	23.56	23.47	24.2	0.0	
40	QPSK	108	108	22.99	23.06	22.92	23.2	1.0	
40	QPSK	216	0	22.97	23.05	22.94			
40	16QAM	1	1	23.13	23.16	23.14	23.2	1.0	
40	64QAM	1	1	21.62	21.62	21.67	21.7	2.5	
40	256QAM	1	1	20.19	20.11	20.13	20.2	4.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	23.52	23.60	23.51	24.2	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.53	23.63	23.50	24.2	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	23.52	23.63	23.51	24.2	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.54	23.59	23.51	24.2	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.56	23.58	23.52	24.2	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.58	23.60	23.51	24.2	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	23.52	23.59	23.53	24.2	0.0	

n5_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 166800	Power Middle Ch. / Freq. 167200	Power High Ch. / Freq. 167600	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	1	24.40	24.49	24.45	25.4	0.0	1.0
20	QPSK	1	51	24.37	24.41	24.35			
20	QPSK	1	104	24.34	24.38	24.31			
20	QPSK	50	0	23.90	23.93	23.84	25.4	1.0	
20	QPSK	50	28	24.43	24.49	24.43	25.4	0.0	
20	QPSK	50	56	23.93	23.95	23.90	24.4	1.0	
20	QPSK	100	0	23.88	23.90	23.87			
20	16QAM	1	1	24.09	24.10	24.13	24.4	1.0	
20	64QAM	1	1	22.82	22.88	22.81	22.9	2.5	
20	256QAM	1	1	21.22	21.25	21.27	21.4	4.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	24.42	24.39	24.41	25.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	24.42	24.41	24.44	25.4	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	24.42	24.41	24.42	25.4	0.0	

n5_Ant 1							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 166800	Power Middle Ch. Freq. 167300	Power High Ch. Freq. 167800	MPR (dB)
Channel				834	836.5	839	
Frequency (MHz)				24.48	24.50	24.47	
20	QPSK	1	1	24.32	24.42	24.34	25.4
20	QPSK	1	66	24.33	24.40	24.38	0.0
20	QPSK	1	131	24.33	24.40	24.38	0.0
20	QPSK	64	0	23.84	23.92	23.83	24.4
20	QPSK	64	32	24.48	24.48	24.45	1.0
20	QPSK	64	66	23.92	23.94	23.91	0.0
20	QPSK	128	0	23.90	23.91	23.88	24.4
20	16QAM	1	1	24.17	24.19	24.17	24.4
20	64QAM	1	1	22.85	22.87	22.82	22.9
20	256QAM	1	1	21.20	21.30	21.20	21.4
Channel				166300	167300	168300	
Frequency (MHz)				831.5	836.5	841.5	
15	QPSK	1	1	24.47	24.48	24.48	25.4
Channel				166300	167300	168300	
Frequency (MHz)				832	836.5	841	
10	QPSK	1	1	24.48	24.49	24.49	25.4
Channel				165300	167300	169300	
Frequency (MHz)				828.5	836.5	846.5	
5	QPSK	1	1	24.45	24.46	24.49	25.4

n7_Ant 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 505000	Power Middle Ch. Freq. 507000	Power High Ch. Freq. 509000	MPR (dB)
Channel				2525	2535	2545	
Frequency (MHz)				24.41	24.50	24.44	
50	QPSK	1	1	24.41	24.50	24.44	25.4
50	QPSK	1	135	24.41	24.50	24.44	0.0
50	QPSK	1	269	24.35	24.44	24.38	0.0
50	QPSK	135	0	23.93	23.98	23.89	24.4
50	QPSK	135	68	24.44	24.52	24.44	1.0
50	QPSK	135	135	23.95	24.01	23.96	0.0
50	QPSK	270	0	23.86	23.91	23.85	24.4
50	16QAM	1	1	24.07	24.13	24.08	24.4
50	64QAM	1	1	22.68	22.73	22.67	22.9
50	256QAM	1	1	21.20	21.30	21.20	21.4
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	QPSK	1	1	24.39	24.45	24.37	25.4
Channel				503000	507000	511000	
Frequency (MHz)				2515	2535	2555	
30	QPSK	1	1	24.36	24.44	24.36	25.4
Channel				502500	507000	511500	
Frequency (MHz)				2512.5	2535	2557.5	
25	QPSK	1	1	24.35	24.45	24.40	25.4
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	1	24.39	24.46	24.36	25.4
Channel				501500	507000	512500	
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	1	24.39	24.46	24.36	25.4
Channel				501000	507000	513000	
Frequency (MHz)				2505	2535	2564	
10	QPSK	1	1	24.39	24.46	24.37	25.4
Channel				500500	507000	513500	
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	1	24.35	24.46	24.38	25.4

n7_Ant 3							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 505000	Power Middle Ch. Freq. 507000	Power High Ch. Freq. 509000	MPR (dB)
Channel				2525	2535	2545	
Frequency (MHz)				24.41	24.50	24.44	
50	QPSK	1	1	24.07	24.18	24.09	25.4
50	QPSK	1	135	24.06	24.11	24.07	0.0
50	QPSK	1	269	23.95	24.09	24.03	0.0
50	QPSK	135	0	23.58	23.58	23.51	24.4
50	QPSK	135	68	24.05	24.16	24.06	1.0
50	QPSK	135	135	23.60	23.61	23.57	0.0
50	QPSK	270	0	23.51	23.56	23.48	24.4
50	16QAM	1	1	23.72	23.77	23.70	24.4
50	64QAM	1	1	22.31	22.35	22.32	22.9
50	256QAM	1	1	20.82	20.92	20.85	21.4
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	QPSK	1	1	23.97	24.12	23.99	25.4
Channel				503000	507000	511000	
Frequency (MHz)				2515	2535	2555	
30	QPSK	1	1	24.01	24.11	23.99	25.4
Channel				502500	507000	511500	
Frequency (MHz)				2512.5	2535	2557.5	
25	QPSK	1	1	24.02	24.12	24.04	25.4
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	1	23.99	24.10	24.02	25.4
Channel				501500	507000	512500	
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	1	23.97	24.08	24.01	25.4
Channel				501000	507000	513000	
Frequency (MHz)				2505	2535	2564	
10	QPSK	1	1	24.02	24.13	24.02	25.4
Channel				500500	507000	513500	
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	1	23.99	24.12	23.99	25.4

n7_Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F Freq.	Power Middle Ch. F Freq.	Power High Ch. F Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				50500	50700	50900			
Frequency (MHz)				2525	2535	2545			
50	QPSK	1	1	22.40	22.48	22.41	24.2	0.0	
50	QPSK	1	135	22.39	22.46	22.38			
50	QPSK	1	208	22.25	22.39	22.33			
50	QPSK	135	0	21.90	21.89	21.82	23.2	1.0	
50	QPSK	135	68	22.33	22.47	22.40	24.2	0.0	
50	QPSK	135	135	21.94	21.91	21.91	23.2	1.0	
50	QPSK	270	0	21.85	21.87	21.82			
50	16QAM	1	1	22.05	22.08	22.04	23.2	1.0	
50	64QAM	1	1	20.62	20.70	20.64	21.7	2.5	
50	256QAM	1	1	18.10	18.22	18.19	19.7	4.5	
Channel				50500	50700	51000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	22.36	22.43	22.41	24.2	0.0	
Channel				50300	50700	51100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	22.39	22.43	22.38	24.2	0.0	
Channel				50200	50700	51100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	22.40	22.44	22.41	24.2	0.0	
Channel				50000	50700	51000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	1	22.39	22.44	22.41	24.2	0.0	
Channel				50100	50700	51200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	22.40	22.43	22.40	24.2	0.0	
Channel				50100	50700	51300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	22.41	22.46	22.42	24.2	0.0	
Channel				50000	50700	51500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	22.41	22.41	22.37	24.2	0.0	

n12_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F Freq.	Power Middle Ch. F Freq.	Power High Ch. F Freq.	Tune-up limit (dBm)		
Channel				141500	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	QPSK	1	1	24.20	24.33	24.20	25.4	0.0	
15	QPSK	1	40	24.16	24.22	24.17			
15	QPSK	1	77	24.15	24.23	24.18			
15	QPSK	36	0	23.81	23.88	23.83	24.4	1.0	
15	QPSK	36	22	24.24	24.29	24.19	25.4	0.0	
15	QPSK	36	43	23.83	23.88	23.78	24.4	1.0	
15	QPSK	75	0	23.75	23.83	23.78			
15	16QAM	1	1	23.92	24.01	23.95	24.4	1.0	
15	64QAM	1	1	22.50	22.58	22.51	22.9	2.5	
15	256QAM	1	1	21.15	21.25	21.16	21.4	4.0	
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	24.19	24.20	24.23	25.4	0.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5 <th>707.5<th>713.5<th colspan="3"></th></th></th>	707.5 <th>713.5<th colspan="3"></th></th>	713.5 <th colspan="3"></th>			
5	QPSK	1	1	24.19	24.21	24.24	25.4	0.0	

n12_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F / Freq	Power Middle Ch. F / Freq	Power High Ch. F / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	QPSK	1	1	24.26	24.39	24.27	25.4	0.0	
15	QPSK	1	40	24.12	24.13	24.16			
15	QPSK	1	77	24.15	24.17	24.14			
15	QPSK	36	0	23.80	23.81	23.82	24.4	1.0	
15	QPSK	36	22	24.21	24.23	24.22	25.4	0.0	
15	QPSK	36	43	23.83	23.79	23.83	24.4	1.0	
15	QPSK	75	0	23.77	23.78	23.73			
15	16QAM	1	1	23.93	23.94	23.92	24.4	1.0	
15	64QAM	1	1	22.52	22.52	22.49	22.9	2.5	
15	256QAM	1	1	21.17	21.17	21.17	21.4	4.0	
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	24.10	24.12	24.18	25.4	0.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	24.09	24.12	24.17	25.4	0.0	

n26_Ant 0							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164800	Power Middle Ch. / Freq. 166300	Power High Ch. / Freq. 167800	MPR (dB)
Channel				824	831.5	839	
Frequency (MHz)				24.21	24.50	24.20	
20	QPSK	1	1	24.07	24.34	24.11	25.4
20	QPSK	1	104	24.05	24.31	24.08	0.0
20	QPSK	50	0	23.73	23.98	23.75	1.0
20	QPSK	50	28	24.12	24.39	24.15	0.0
20	QPSK	50	56	23.78	23.99	23.75	1.0
20	QPSK	100	0	23.71	23.93	23.65	24.4
20	16QAM	1	1	23.83	24.12	23.88	1.0
20	64QAM	1	1	22.44	22.73	22.41	2.5
20	256QAM	1	1	21.10	21.24	21.12	4.0
Channel				165300	166300	166300	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	1	24.06	24.34	24.11	25.4
Channel				163300	166300	166300	
Frequency (MHz)				819	831.5	844	
10	QPSK	1	1	24.07	24.34	24.08	25.4
Channel				163300	166300	166300	
Frequency (MHz)				816.5	831.5	848.5	
5	QPSK	1	1	24.08	24.34	24.09	25.4

n26_Ant 1							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164800	Power Middle Ch. / Freq. 166300	Power High Ch. / Freq. 167800	MPR (dB)
Channel				824	831.5	839	
Frequency (MHz)				24.36	24.53	24.35	
20	QPSK	1	1	24.22	24.44	24.22	25.4
20	QPSK	1	104	24.15	24.42	24.21	0.0
20	QPSK	50	0	23.83	24.13	23.85	1.0
20	QPSK	50	28	24.25	24.51	24.26	0.0
20	QPSK	50	56	23.93	24.11	23.89	1.0
20	QPSK	100	0	23.81	23.98	23.80	24.4
20	16QAM	1	1	23.93	24.25	23.99	1.0
20	64QAM	1	1	22.58	22.83	22.58	2.5
20	256QAM	1	1	21.20	21.38	21.26	4.0
Channel				165300	166300	166300	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	1	24.21	24.46	24.26	25.4
Channel				163300	166300	166300	
Frequency (MHz)				819	831.5	844	
10	QPSK	1	1	24.19	24.47	24.26	25.4
Channel				163300	166300	166300	
Frequency (MHz)				816.5	831.5	848.5	
5	QPSK	1	1	24.22	24.49	24.21	25.4

n66_Ant 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 346000	Power Middle Ch. / Freq. 349000	Power High Ch. / Freq. 351500	MPR (dB)
Channel				1732.5	1745	1757.5	
Frequency (MHz)				1732.5	1745	1757.5	
45	QPSK	1	1	24.05	24.13	24.09	25.4
45	QPSK	1	122	24.02	24.10	24.01	0.0
45	QPSK	1	243	24.04	24.10	24.01	
45	QPSK	120	0	23.92	23.98	23.93	1.0
45	QPSK	120	60	24.02	24.12	24.06	0.0
45	QPSK	120	122	23.47	23.54	23.44	1.0
45	QPSK	243	0	23.48	23.58	23.47	
45	16QAM	1	1	23.70	23.78	23.68	1.0
45	64QAM	1	1	22.29	22.39	22.33	2.5
45	256QAM	1	1	20.85	20.94	20.85	4.0
Channel				349000	349000	350000	
Frequency (MHz)				1730	1745	1760	
40	QPSK	1	1	23.98	24.05	23.91	25.4
Channel				349000	349000	350000	
Frequency (MHz)				1727.5	1745	1762.5	
35	QPSK	1	1	23.97	24.05	23.91	25.4
Channel				349000	349000	350000	
Frequency (MHz)				1725	1745	1765	
30	QPSK	1	1	23.96	24.02	23.95	25.4
Channel				349000	349000	350000	
Frequency (MHz)				1722.5	1745	1767.5	
25	QPSK	1	1	23.94	24.00	23.92	25.4
Channel				349000	349000	350000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	1	23.97	24.05	23.91	25.4
Channel				349000	349000	350000	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	23.92	24.05	23.95	25.4
Channel				349000	349000	350000	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	1	23.99	24.04	23.91	25.4
Channel				342500	349000	350000	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	23.96	24.05	23.95	25.4

n66_Ant 3								
BW (MHz)	Modulation	RB Size	RB Offset	Power Mode Ch. F Freq 346500	Power Mode Ch. F Freq 349000	Power Mode Ch. F Freq 351500	Tune-up limit (dBm)	MPR (dB)
Channel				1732.5	1745	1757.5	25.4	0.0
Frequency (MHz)				1732.5	1745	1757.5		
45	QPSK	1	1	23.18	23.87	23.43		
45	QPSK	1	122	23.75	23.85	23.75		
45	QPSK	1	243	23.79	23.83	23.71	24.4	1.0
45	QPSK	120	0	23.26	23.22	23.24		
45	QPSK	120	60	23.74	23.86	23.75		
45	QPSK	120	122	23.21	23.27	23.17		
45	QPSK	243	0	23.22	23.30	23.19	24.4	1.0
45	16QAM	1	1	23.41	23.51	23.41		
45	64QAM	1	1	22.04	22.12	22.03		
45	256QAM	1	1	20.61	20.66	20.58		
Channel				346000	349000	352000	25.4	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.75	23.83	23.71		
Channel				345500	349000	352500		
Frequency (MHz)				1727.5	1745	1762.5	25.4	MPR (dB)
35	QPSK	1	1	23.73	23.80	23.72		
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.75	23.84	23.71	25.4	MPR (dB)
Channel				344500	349000	353500		
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.75	23.81	23.73		
Channel				344000	349000	354000	25.4	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.73	23.83	23.71		
Channel				343500	349000	354500		
Frequency (MHz)				1717.5	1745	1772.5	25.4	MPR (dB)
15	QPSK	1	1	23.77	23.85	23.72		
Channel				343000	349000	355000		
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.74	23.84	23.75	25.4	MPR (dB)
Channel				342500	349000	355500		
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.74	23.83	23.74		

n66_Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq 346500	Power Mid Ch. Freq 349000	Power High Ch. Freq 351500	Turn-up limit (dBm)	MPR (dB)
Channel				1732.5	1745	1757.5		
Frequency (MHz)								
45	QPSK	1	1	22.06	22.22	22.14	23.2	0.0
45	QPSK	1	122	22.06	22.20	22.06		
45	QPSK	1	243	22.09	22.15	22.02		
45	QPSK	120	0	21.60	21.58	21.58		
45	QPSK	120	60	22.07	22.19	22.09	22.2	1.0
45	QPSK	120	122	21.56	21.62	21.51		
45	QPSK	243	0	21.55	21.61	21.51		
45	16QAM	1	1	21.76	21.84	21.76		
45	64QAM	1	1	20.36	20.42	20.36	20.7	2.5
45	256QAM	1	1	18.96	18.98	18.93		
Channel				346500	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.07	22.16	22.09	23.2	0.0
Channel				345500	349000	352500		
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.06	22.18	22.10		
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.05	22.19	22.08	23.2	0.0
Channel				344500	349000	353500		
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.06	22.19	22.10		
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.06	22.18	22.06	23.2	0.0
Channel				343500	349000	354500		
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.08	22.15	22.09		
Channel				343000	349000	355000		
Frequency (MHz)				1711	1745	1775		
10	QPSK	1	1	22.09	22.16	22.05	23.2	0.0
Channel				342500	349000	355500		
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.05	22.17	22.08		

n38_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)				516004	516000	516996			
				2590.02	2595	2599.98			
40	QPSK	1	1	24.40	24.47	24.43			
40	QPSK	1	53	24.24	24.31	24.25	25.4	0.0	
40	QPSK	1	104	24.29	24.37	24.28			
40	QPSK	50	0	23.27	23.36	23.28	24.4	1.0	
40	QPSK	50	28	23.31	24.39	23.31	25.4	0.0	
40	QPSK	50	56	23.27	23.35	23.26	24.4	1.0	
40	QPSK	100	0	23.29	23.36	23.29	24.4	1.0	
40	16QAM	1	1	23.11	23.17	23.12	24.4	1.0	
40	64QAM	1	1	22.51	22.60	22.52	22.9	2.5	
40	256QAM	1	1	21.05	21.11	21.01	21.4	4.0	
Channel									
Frequency (MHz)				517002	516000	520998	Tune-up limit (dBm)	MPR (dB)	
				2605.01	2595	2604.99			
30	QPSK	1	1	24.18	24.22	24.17	25.4	0.0	
Channel									
Frequency (MHz)				516504	516000	521496	Tune-up limit (dBm)	MPR (dB)	
				2592.52	2595	2597.48			
25	QPSK	1	1	24.17	24.21	24.16	25.4	0.0	
Channel									
Frequency (MHz)				516000	516000	522000	Tune-up limit (dBm)	MPR (dB)	
				2590	2595	2610			
20	QPSK	1	1	24.14	24.21	24.16	25.4	0.0	
Channel									
Frequency (MHz)				515502	516000	522500	Tune-up limit (dBm)	MPR (dB)	
				2577.51	2595	2612.49			
15	QPSK	1	1	24.16	24.22	24.20	25.4	0.0	
Channel									
Frequency (MHz)				515004	516000	522996	Tune-up limit (dBm)	MPR (dB)	
				2615.49	2595	2614.51			
10	QPSK	1	1	24.16	24.24	24.15	25.4	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)				2590.02	516000	519998			
40	QPSK	1	1	23.70	23.84	23.81			
40	QPSK	1	53	23.63	23.69	23.62	25.4	0.0	
40	QPSK	1	104	23.65	23.75	23.68			
40	QPSK	50	0	23.00	23.10	23.01	24.4	1.0	
40	QPSK	50	28	23.71	23.75	23.70	25.4	0.0	
40	QPSK	50	56	23.00	23.05	23.01	24.4	1.0	
40	QPSK	100	0	23.00	23.09	23.04	24.4	1.0	
40	16QAM	1	1	23.03	23.08	23.04	24.4	1.0	
40	64QAM	1	1	21.83	21.94	21.83	23.4	2.0	
40	256QAM	1	1	20.39	20.41	20.36	21.9	3.5	
Channel									
				517002	516000	520998	Tune-up limit (dBm)	MPR (dB)	
				2605.01	2595	2604.99			
30	QPSK	1	1	23.71	23.75	23.74	25.4	0.0	
Channel									
				516504	516000	521496	Tune-up limit (dBm)	MPR (dB)	
				2592.52	2595	2597.48			
25	QPSK	1	1	23.74	23.75	23.74	25.4	0.0	
Channel									
				516000	516000	522000	Tune-up limit (dBm)	MPR (dB)	
				2590	2595	2610			
20	QPSK	1	1	23.72	23.75	23.72	25.4	0.0	
Channel									
				515502	516000	522500	Tune-up limit (dBm)	MPR (dB)	
				2577.51	2595	2612.49			
15	QPSK	1	1	23.71	23.78	23.72	25.4	0.0	
Channel									
				515004	516000	522996	Tune-up limit (dBm)	MPR (dB)	
				2615.49	2595	2614.51			
10	QPSK	1	1	23.70	23.77	23.74	25.4	0.0	

n38_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									
Frequency (MHz)				516004	516000	516996			
				2590.02	2595	2599.98			
40	QPSK	1	1	22.39	22.45	22.45			
40	QPSK	1	53	22.23	22.34	22.26	24.2	0.0	
40	QPSK	1	104	22.28	22.35	22.33			
40	QPSK	50	0	21.62	21.74	21.65	23.2	1.0	
40	QPSK	50	28	22.34	22.40	22.31	24.2	0.0	
40	QPSK	50	56	21.62	21.69	21.62	23.2	1.0	
40	QPSK	100	0	21.65	21.71	21.66	23.2	1.0	
40	16QAM	1	1	21.65	21.71	21.66	23.2	1.0	
40	64QAM	1	1	20.46	20.58	20.45	21.7	2.5	
40	256QAM	1	1	19.03	19.06	19.00	19.7	4.5	
Channel									
Frequency (MHz)				517002	516000	520998	Tune-up limit (dBm)	MPR (dB)	
				2605.01	2595	2604.99			
30	QPSK	1	1	22.25	22.33	22.27	24.2	0.0	
Channel									
Frequency (MHz)				516504	516000	521496	Tune-up limit (dBm)	MPR (dB)	
				2592.52	2595	2597.48			
25	QPSK	1	1	22.29	22.34	22.22	24.2	0.0	
Channel									
Frequency (MHz)				516000	516000	522000	Tune-up limit (dBm)	MPR (dB)	
				2590	2595	2610			
20	QPSK	1	1	22.28	22.29	22.22	24.2	0.0	
Channel									
Frequency (MHz)				515502	516000	522500	Tune-up limit (dBm)	MPR (dB)	
				2577.51	2595	2612.49			
15	QPSK	1	1	22.27	22.32	22.24	24.2	0.0	
Channel									
Frequency (MHz)				515004	516000	522996	Tune-up limit (dBm)	MPR (dB)	
				2615.49	2595	2614.51			
10	QPSK	1	1	22.24	22.33	22.22	24.2	0.0	

n2_Ant 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Freq. 376000	Power Middle Ch. 1 Freq. 376000	Power High Ch. 1 Freq. 376000	
Channel							
Frequency (MHz)							
40	QPSK	1	1	20.38	20.40	20.37	
40	QPSK	1	108	20.33	20.33	20.34	21.2
40	QPSK	1	214	20.25	20.32	20.32	
40	QPSK	108	0	20.27	20.23	20.26	21.2
40	QPSK	108	54	20.37	20.38	20.35	21.2
40	QPSK	108	108	20.22	20.23	20.32	21.2
40	QPSK	216	0	20.35	20.35	20.33	21.2
40	16QAM	1	1	20.22	20.27	20.21	21.2
40	64QAM	1	1	20.23	20.24	20.23	21.2
40	256QAM	1	1	19.97	20.06	20.00	20.2
Channel							
Frequency (MHz)							
35	QPSK	1	1	20.33	20.26	20.20	21.2
Channel							
Frequency (MHz)							
30	QPSK	1	1	20.27	20.27	20.28	21.2
Channel							
Frequency (MHz)							
25	QPSK	1	1	20.32	20.32	20.28	21.2
Channel							
Frequency (MHz)							
20	QPSK	1	1	20.38	20.27	20.23	21.2
Channel							
Frequency (MHz)							
15	QPSK	1	1	20.32	20.31	20.22	21.2
Channel							
Frequency (MHz)							
10	QPSK	1	1	20.31	20.33	20.25	21.2
Channel							
Frequency (MHz)							
5	QPSK	1	1	20.24	20.35	20.31	21.2

Reduced Power Mode for ECI 3							
n2_Ant 3							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Freq. 376000	Power Middle Ch. 1 Freq. 376000	Power High Ch. 1 Freq. 376000	
Channel							
Frequency (MHz)							
40	QPSK	1	1	22.13	22.15	22.12	
40	QPSK	1	108	22.04	22.03	22.09	22.7
40	QPSK	1	214	22.08	22.01	22.03	
40	QPSK	108	0	22.02	22.03	21.96	22.7
40	QPSK	108	54	22.11	22.13	22.10	22.7
40	QPSK	108	108	22.00	22.06	22.07	22.7
40	QPSK	216	0	22.10	22.11	22.08	22.7
40	16QAM	1	1	21.99	21.99	21.99	22.7
40	64QAM	1	1	21.62	21.62	21.67	21.7
40	256QAM	1	1	20.19	20.11	20.13	20.2
Channel							
Frequency (MHz)							
35	QPSK	1	1	22.09	22.00	21.96	22.7
Channel							
Frequency (MHz)							
30	QPSK	1	1	22.00	22.07	22.09	22.7
Channel							
Frequency (MHz)							
25	QPSK	1	1	22.08	21.98	21.95	22.7
Channel							
Frequency (MHz)							
20	QPSK	1	1	22.00	22.11	22.02	22.7
Channel							
Frequency (MHz)							
15	QPSK	1	1	22.06	22.05	21.98	22.7
Channel							
Frequency (MHz)							
10	QPSK	1	1	22.09	21.98	22.05	22.7
Channel							
Frequency (MHz)							
5	QPSK	1	1	21.98	22.02	22.01	22.7

n5_Ant 0							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 Freq. 167600	Power Middle Ch. 1 Freq. 167300	Power High Ch. 1 Freq. 167800	
Channel							
Frequency (MHz)							
20	QPSK	1	1	24.46	24.49	24.45	
20	QPSK	1	54	24.37	24.41	24.38	25.4
20	QPSK	1	104	24.34	24.38	24.31	
20	QPSK	50	0	23.90	23.93	23.84	24.4
20	QPSK	50	28	24.45	24.49	24.43	25.4
20	QPSK	50	56	23.93	23.95	23.90	24.4
20	QPSK	100	0	23.88	23.90	23.87	24.4
20	16QAM	1	1	24.09	24.16	24.13	24.4
20	64QAM	1	1	22.62	22.68	22.61	22.9
20	256QAM	1	1	21.22	21.29	21.27	21.4
Channel							
Frequency (MHz)							
15	QPSK	1	1	24.42	24.39	24.41	25.4
Channel							
Frequency (MHz)							
10	QPSK	1	1	24.42	24.41	24.44	25.4
Channel							
Frequency (MHz)							
5	QPSK	1	1	24.42	24.41	24.42	25.4

n5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 565000	Power Middle Ch. Freq. 567000	Power High Ch. Freq. 569000	Tune-up limit (dBm)	MPR (dB)	
Channel				834	836.5	839	22.4	0.0	
Frequency (MHz)				21.51	21.52	21.53			
20	QPSK	1	1	21.42	21.49	21.47			
20	QPSK	1	131	21.29	21.37	21.32			
20	QPSK	64	0	21.29	21.39	21.33			
20	QPSK	64	32	21.48	21.50	21.48	22.4	0.0	
20	QPSK	64	66	21.46	21.49	21.45	22.4	0.0	
20	QPSK	128	0	21.47	21.48	21.45	22.4	0.0	
20	16QAM	1	1	21.36	21.37	21.31	22.4	0.0	
20	64QAM	1	1	21.33	21.40	21.37	22.4	0.0	
20	256QAM	1	1	21.22	21.30	21.24	21.4	1.0	
Channel				168300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	22.4	0.0	
15	QPSK	1	1	21.43	21.41	21.44	22.4	0.0	
Channel				168500	167300	168500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				839	836.5	844	22.4	0.0	
10	QPSK	1	1	21.43	21.47	21.46	22.4	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				828.5	836.5	846.5	22.4	0.0	
5	QPSK	1	1	21.45	21.44	21.46	22.4	0.0	

n7_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 505000	Power Middle Ch. Freq. 507000	Power High Ch. Freq. 509000	Tune-up limit (dBm)	MPR (dB)	
Channel				2525	2535	2545	19.9	0.0	
Frequency (MHz)				19.03	19.05	19.02			
50	QPSK	1	1	18.97	18.91	18.99			
50	QPSK	1	136	18.96	19.02	18.93			
50	QPSK	136	0	18.97	18.96	18.90	19.9	0.0	
50	QPSK	136	68	19.01	19.03	19.00	19.9	0.0	
50	QPSK	136	136	18.96	18.99	18.99	19.9	0.0	
50	QPSK	270	0	19.00	19.01	18.98	19.9	0.0	
50	16QAM	1	1	18.88	18.94	18.85	19.9	0.0	
50	64QAM	1	1	18.86	19.01	18.85	19.9	0.0	
50	256QAM	1	1	18.87	18.96	18.94	18.9	0.0	
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550	19.9	0.0	
40	QPSK	1	1	18.97	18.98	18.90	19.9	0.0	
Channel				508000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555	19.9	0.0	
30	QPSK	1	1	18.99	19.02	18.88	19.9	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2537.5	19.9	0.0	
25	QPSK	1	1	18.98	19.02	18.88	19.9	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	19.9	0.0	
20	QPSK	1	1	18.92	18.97	18.89	19.9	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	19.9	0.0	
15	QPSK	1	1	18.94	18.90	18.99	19.9	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2496	2535	2565	19.9	0.0	
10	QPSK	1	1	18.98	18.98	18.94	19.9	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	19.9	0.0	
5	QPSK	1	1	18.99	18.94	18.98	19.9	0.0	

n7_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 505000	Power Middle Ch. Freq. 507000	Power High Ch. Freq. 509000	Tune-up limit (dBm)	MPR (dB)	
Channel				2525	2535	2545	19.05	20.4	
Frequency (MHz)				19.13	19.20	19.11			
50	QPSK	1	1	19.05	19.13	19.01			
50	QPSK	1	136	19.08	19.05	18.95			
50	QPSK	136	0	19.09	19.14	19.07	20.4	0.0	
50	QPSK	136	68	19.12	19.16	19.10	20.4	0.0	
50	QPSK	136	136	19.08	19.15	19.04	20.4	0.0	
50	QPSK	270	0	19.10	19.17	19.08	20.4	0.0	
50	16QAM	1	1	19.10	19.11	19.06	20.4	0.0	
50	64QAM	1	1	19.00	19.08	19.05	20.4	0.0	
50	256QAM	1	1	19.04	19.10	19.06	20.4	0.0	
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550	20.4	0.0	
40	QPSK	1	1	19.00	19.05	18.96	20.4	0.0	
Channel				508000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555	20.4	0.0	
30	QPSK	1	1	19.07	19.17	19.05	20.4	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				24912.5	2535	2587.5	20.4	0.0	
25	QPSK	1	1	19.10	19.03	19.07	20.4	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	20.4	0.0	
20	QPSK	1	1	19.00	19.07	19.07	20.4	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2497.5	2535	2562.5	20.4	0.0	
15	QPSK	1	1	19.02	19.16	19.09	20.4	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2496	2535	2565	20.4	0.0	
10	QPSK	1	1	19.11	19.10	19.10	20.4	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	20.4	0.0	
5	QPSK	1	1	19.08	19.10	19.07	20.4	0.0	

n7_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 505000	Power Middle Ch. Freq. 507000	Power High Ch. Freq. 509000	Tune-up limit (dBm)	MPR (dB)	
Channel				2505	2535	2545	21.7	0.0	
Frequency (MHz)				19.95	20.00	19.97			
50	QPSK	1	1	19.95	19.91	19.90			
50	QPSK	1	136	19.95	19.91	19.90			
50	QPSK	1	268	19.96	19.93	19.93	21.7	0.0	
50	QPSK	136	0	19.91	19.97	19.88			
50	QPSK	136	68	19.97	19.98	19.95			
50	QPSK	136	136	19.93	19.85	19.83			
50	QPSK	270	0	19.95	19.96	19.93	21.7	0.0	
50	16QAM	1	1	19.92	19.89	19.88			
50	64QAM	1	1	19.90	19.95	19.87			
50	256QAM	1	1	19.15	19.22	19.19			
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	19.92	19.93	19.90			
Channel				503000	507000	511000			
Frequency (MHz)				2535	2535	2555	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	19.92	19.93	19.93			
Channel				502000	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	19.86	19.93	19.88	Tune-up limit (dBm)	MPR (dB)	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	1	19.83	19.83	19.80			
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	19.96	19.95	19.92			
Channel				501000	507000	513000			
Frequency (MHz)				2506	2535	2566	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	19.92	19.91	19.87			
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	19.83	19.86	19.85	Tune-up limit (dBm)	MPR (dB)	
Channel				500000	507000	514000			
Frequency (MHz)				2500	2535	2570			
Channel				500000	507000	514000			

n12_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 141300	Power Middle Ch. Freq. 141500	Power High Ch. Freq. 141700	Tune-up limit (dBm)	MPR (dB)	
Channel				706.5	707.5	708.5	25.4	0.0	
Frequency (MHz)				24.25	24.33	24.20			
15	QPSK	1	1	24.25	24.33	24.17			
15	QPSK	1	40	24.16	24.22	24.17			
15	QPSK	1	77	24.15	24.23	24.18	24.4	1.0	
15	QPSK	36	0	23.81	23.88	23.83			
15	QPSK	36	22	24.24	24.29	24.19			
15	QPSK	36	43	23.93	23.86	23.78			
15	QPSK	75	0	23.75	23.83	23.78	24.4	1.0	
15	16QAM	1	1	23.92	24.01	23.95			
15	64QAM	1	1	22.50	22.58	22.51			
15	256QAM	1	1	21.15	21.25	21.16			
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	24.19	24.20	24.23			
Channel				140300	141500	142700			
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	24.19	24.21	24.24			
Channel				140000	141500	143000			
Frequency (MHz)				700	707.5	715			

n12_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 141300	Power Middle Ch. Freq. 141500	Power High Ch. Freq. 141700	Tune-up limit (dBm)	MPR (dB)	
Channel				706.5	707.5	708.5	25.4	0.0	
Frequency (MHz)				24.25	24.33	24.27			
15	QPSK	1	1	24.25	24.33	24.16			
15	QPSK	1	40	24.12	24.13	24.16			
15	QPSK	1	77	24.15	24.17	24.14	24.4	1.0	
15	QPSK	36	0	23.80	23.81	23.82			
15	QPSK	36	22	24.21	24.23	24.22			
15	QPSK	36	43	23.93	23.79	23.82			
15	QPSK	75	0	23.77	23.78	23.73	24.4	1.0	
15	16QAM	1	1	23.93	23.94	23.92			
15	64QAM	1	1	22.52	22.52	22.49			
15	256QAM	1	1	21.17	21.17	21.17			
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	24.10	24.12	24.18			
Channel				140300	141500	142700			
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	24.09	24.12	24.17			
Channel				140000	141500	143000			
Frequency (MHz)				700	707.5	715			

n26_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 164800	Power Middle Ch. Freq. 166300	Power High Ch. Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel				824	831.5	839	25.4	0.0
Frequency (MHz)				24.21	24.50	24.20		
20	QPSK	1	1	24.07	24.34	24.11		
20	QPSK	1	53	24.05	24.31	24.08		
20	QPSK	50	0	23.73	23.98	23.75		
20	QPSK	50	28	24.12	24.38	24.13	25.4	0.0
20	QPSK	50	56	23.78	23.99	23.75	24.4	1.0
20	QPSK	100	0	23.71	23.93	23.65	24.4	1.0
20	16QAM	1	1	23.83	24.12	23.86		
20	64QAM	1	1	22.44	22.73	22.41		
20	256QAM	1	1	21.10	21.24	21.12		
Channel				164300	166300	168300		
Frequency (MHz)				821.5	831.5	841.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	24.06	24.34	24.11	25.4	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.07	24.34	24.06	25.4	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.06	24.34	24.08	25.4	0.0

n26_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 164800	Power Middle Ch. Freq. 166300	Power High Ch. Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel				824	831.5	839	22.4	0.0
Frequency (MHz)				21.53	21.55	21.51		
20	QPSK	1	1	21.50	21.50	21.47		
20	QPSK	1	104	21.37	21.52	21.37		
20	QPSK	50	0	21.46	21.40	21.44		
20	QPSK	50	28	21.51	21.53	21.50	22.4	0.0
20	QPSK	50	56	21.45	21.49	21.38	22.4	0.0
20	QPSK	100	0	21.50	21.51	21.48		
20	16QAM	1	1	21.41	21.50	21.37	22.4	0.0
20	64QAM	1	1	21.49	21.44	21.35	22.4	0.0
20	256QAM	1	1	21.20	21.38	21.26	21.4	1.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.42	21.45	21.46	22.4	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.40	21.42	21.45	22.4	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.49	21.48	21.48	22.4	0.0

n66_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 346500	Power Middle Ch. Freq. 349000	Power High Ch. Freq. 351500	Tune-up limit (dBm)	MPR (dB)
Channel				1732.5	1745	1757.5	20.9	0.0
Frequency (MHz)				19.48	19.51	19.46		
45	QPSK	1	1	19.53	19.65	19.61		
45	QPSK	1	122	19.48	19.52	19.48		
45	QPSK	1	243	19.48	19.52	19.52		
45	QPSK	120	0	19.56	19.55	19.58	20.9	0.0
45	QPSK	120	60	19.61	19.63	19.60	20.9	0.0
45	QPSK	120	122	19.57	19.49	19.51	20.9	0.0
45	QPSK	243	0	19.60	19.61	19.58		
45	16QAM	1	1	19.51	19.58	19.46	20.9	0.0
45	64QAM	1	1	19.53	19.58	19.58	20.9	0.0
45	256QAM	1	1	19.55	19.55	19.55	20.9	0.0
Channel				346500	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	19.51	19.56	19.56	20.9	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	19.47	19.50	19.57	20.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.53	19.61	19.56	20.9	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.54	19.60	19.56	20.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.51	19.61	19.58	20.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.55	19.59	19.48	20.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.58	19.60	19.40	20.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.57	19.50	19.55	20.9	0.0

n66_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq 346000	Power Middle Ch. Freq 349000	Power High Ch. Freq 351500	Tune-up limit (dBm)	MPR (dB)	
Channel				1732.5	1745	1757.5			
Frequency (MHz)				21.37	21.38	21.35			
45	QPSK	1	1	21.27	21.25	21.28	22.9	0.0	
45	QPSK	1	122	21.26	21.25	21.28			
45	QPSK	1	243	21.24	21.34	21.31	22.9	0.0	
45	QPSK	120	0	21.30	21.30	21.23			
45	QPSK	120	60	21.35	21.36	21.33	22.9	0.0	
45	QPSK	120	122	21.22	21.28	21.27			
45	QPSK	243	0	21.33	21.35	21.31	22.9	0.0	
45	16QAM	1	1	21.34	21.23	21.20			
45	64QAM	1	1	21.30	21.35	21.22	22.9	0.0	
45	256QAM	1	1	20.81	20.86	20.58			
Channel				346000	349000	350000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1730	1745	1760	22.9	0.0	
40	QPSK	1	1	21.32	21.31	21.22			
Channel				350000	349000	350000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5	22.9	0.0	
35	QPSK	1	1	21.22	21.32	21.28			
Channel				349000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	22.9	0.0	
30	QPSK	1	1	21.28	21.22	21.32			
Channel				346000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5	22.9	0.0	
25	QPSK	1	1	21.34	21.29	21.24			
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	22.9	0.0	
20	QPSK	1	1	21.23	21.28	21.25			
Channel				343000	349000	356000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	22.9	0.0	
15	QPSK	1	1	21.33	21.24	21.31			
Channel				343000	349000	359000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	22.9	0.0	
10	QPSK	1	1	21.28	21.26	21.31			
Channel				342000	349000	359000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	22.9	0.0	
5	QPSK	1	1	21.25	21.22	21.21			

n66_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 346500	Power Middle Ch. Freq. 349000	Power High Ch. Freq. 351500	Tune-up limit (dBm)	MPR (dB)	
Channel				1732.5	1745	1757.5			
Frequency (MHz)				19.05	19.75	19.68			
45	QPSK	1	1	19.61	19.60	19.58	20.7	0.0	
45	QPSK	1	243	19.51	19.64	19.63			
45	QPSK	120	0	19.55	19.65	19.51	20.7	0.0	
45	QPSK	120	60	19.63	19.73	19.66	20.7	0.0	
45	QPSK	120	122	19.57	19.62	19.65	20.7		
45	QPSK	243	0	19.61	19.71	19.65	20.7		
45	16QAM	1	1	19.49	19.62	19.51	20.7	0.0	
45	64QAM	1	1	19.53	19.63	19.61	20.7	0.0	
45	256QAM	1	1	18.96	18.98	18.53	18.7	2.0	
Channel				349000	349000	350000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	19.59	19.72	19.60	20.7	0.0	
Channel				349000	349000	350000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	19.48	19.71	19.61	20.7	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	19.60	19.67	19.65	20.7	0.0	
Channel				344000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	19.58	19.70	19.59	20.7	0.0	
Channel				343000	349000	356000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	19.54	19.68	19.51	20.7	0.0	
Channel				343000	349000	356000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	19.62	19.60	19.64	20.7	0.0	
Channel				343000	349000	359000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	19.50	19.62	19.62	20.7	0.0	
Channel				342000	349000	359000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	19.54	19.60	19.55	20.7	0.0	

n38_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				516004	516000	516996			
Frequency (MHz)				2590.02	2595	2599.98			
40	QPSK	1	1	18.48	18.50	18.47			
40	QPSK	1	53	18.38	18.36	18.40	19.4	0.0	
40	QPSK	1	104	18.46	18.43	18.32			
40	QPSK	50	0	18.33	18.45	18.39	19.4	0.0	
40	QPSK	50	28	18.47	18.48	18.45	19.4	0.0	
40	QPSK	50	56	18.42	18.44	18.34	19.4	0.0	
40	QPSK	100	0	18.46	18.47	18.43			
40	16QAM	1	1	18.44	18.46	18.43	19.4	0.0	
40	64QAM	1	1	18.38	18.44	18.33	19.4	0.0	
40	256QAM	1	1	18.45	18.33	18.43	19.4	0.0	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2685.01	2695	2694.99			
30	QPSK	1	1	18.41	18.38	18.30	19.4	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2592.52	2595	2607.48			
25	QPSK	1	1	18.40	18.36	18.41	19.4	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2590	2595	2610			
20	QPSK	1	1	18.36	18.42	18.40	19.4	0.0	
Channel				515502	519000	522500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	18.34	18.39	18.37	19.4	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.03	2595	2614.97			
10	QPSK	1	1	18.34	18.34	18.33	19.4	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				516004	516000	516996			
Frequency (MHz)				2590.02	2595	2599.98			
40	QPSK	1	1	18.63	18.65	18.61			
40	QPSK	1	53	18.66	18.76	18.79	20.4	0.0	
40	QPSK	1	104	18.76	18.80	18.73			
40	QPSK	50	0	18.75	18.70	18.76	20.4	0.0	
40	QPSK	50	28	18.67	18.63	18.60	20.4	0.0	
40	QPSK	50	56	18.68	18.69	18.74	20.4	0.0	
40	QPSK	100	0	18.66	18.61	18.78			
40	16QAM	1	1	18.73	18.70	18.75	20.4	0.0	
40	64QAM	1	1	18.73	18.80	18.76	20.4	0.0	
40	256QAM	1	1	18.75	18.73	18.74	20.4	0.0	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2685.01	2695	2694.99			
30	QPSK	1	1	18.77	18.74	18.69	20.4	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2592.52	2595	2607.48			
25	QPSK	1	1	18.71	18.76	18.75	20.4	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2590	2595	2610			
20	QPSK	1	1	18.69	18.73	18.68	20.4	0.0	
Channel				515502	519000	522500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	18.68	18.78	18.79	20.4	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.03	2595	2614.98			
10	QPSK	1	1	18.76	18.70	18.78	20.4	0.0	

n38_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				516504	519000	516996			
Frequency (MHz)				2590.02	2595	2599.98			
40	QPSK	1	1	19.97	19.98	19.95			
40	QPSK	1	53	19.84	19.96	19.90	21.7	0.0	
40	QPSK	1	104	19.91	19.94	19.85			
40	QPSK	50	0	19.91	19.89	19.91	21.7	0.0	
40	QPSK	50	28	19.95	19.97	19.93	21.7	0.0	
40	QPSK	50	56	19.85	19.89	19.87	21.7	0.0	
40	QPSK	100	0	19.93	19.95	19.91			
40	16QAM	1	1	19.85	19.88	19.80	21.7	0.0	
40	64QAM	1	1	19.82	19.90	19.90	21.7	0.0	
40	256QAM	1	1	19.93	19.96	19.90	19.7	2.0	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2685.01	2695	2694.99			
30	QPSK	1	1	19.84	19.86	19.90	21.7	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2592.52	2595	2607.48			
25	QPSK	1	1	19.84	19.94	19.90	21.7	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2590	2595	2610			
20	QPSK	1	1	19.91	19.90	19.82	21.7	0.0	
Channel				515502	519000	522500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	19.89	19.89	19.79	21.7	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.03	2595	2614.98			
10	QPSK	1	1	19.87	19.83	19.92	21.7	0.0	

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)
Channel							
Frequency (MHz)							
40	QPSK	1	1	1670	1680	1690	
40	QPSK	1	1	17.3	17.3	17.3	24.2
40	QPSK	1	214	23.14	23.23	23.13	
40	QPSK	108	0	22.73	22.83	22.73	24.2
40	QPSK	108	54	23.24	23.32	23.34	24.2
40	QPSK	108	108	22.75	22.81	22.72	24.2
40	QPSK	216	0	22.74	22.81	22.72	24.2
40	8QAM	1	1	21.36	21.36	21.36	24.2
40	8QAM	1	1	21.38	21.48	21.42	24.2
40	256QAM	1	1	19.87	20.06	20.00	24.2
Channel							
Frequency (MHz)							
35	QPSK	1	1	23.25	23.32	23.23	24.2
Channel							
Frequency (MHz)							
30	QPSK	1	1	23.26	23.33	23.24	24.2
Channel							
Frequency (MHz)							
25	QPSK	1	1	23.23	23.30	23.22	24.2
Channel							
Frequency (MHz)							
20	QPSK	1	1	23.25	23.31	23.21	24.2
Channel							
Frequency (MHz)							
15	QPSK	1	1	23.25	23.30	23.21	24.2
Channel							
Frequency (MHz)							
10	QPSK	1	1	23.25	23.30	23.20	24.2
Channel							
Frequency (MHz)							
5	QPSK	1	1	23.21	23.32	23.22	24.2

Reduced Power Mode for ECI 5							
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)
Channel							
Frequency (MHz)							
40	QPSK	1	1	17.0	17.0	17.0	
40	QPSK	1	108	17.51	17.53	17.45	18.2
40	QPSK	1	214	17.48	17.48	17.48	
40	QPSK	108	0	17.53	17.51	17.58	18.2
40	QPSK	108	54	17.51	17.53	17.50	18.2
40	QPSK	108	108	17.51	17.50	17.55	18.2
40	QPSK	216	0	17.60	17.61	17.58	18.2
40	8QAM	1	1	17.48	17.57	17.58	18.2
40	8QAM	1	1	17.50	17.49	17.58	18.2
40	256QAM	1	1	17.60	17.55	17.49	18.2
Channel							
Frequency (MHz)							
35	QPSK	1	1	17.56	17.54	17.48	18.2
Channel							
Frequency (MHz)							
30	QPSK	1	1	17.48	17.55	17.45	18.2
Channel							
Frequency (MHz)							
25	QPSK	1	1	17.50	17.50	17.57	18.2
Channel							
Frequency (MHz)							
20	QPSK	1	1	17.50	17.61	17.45	18.2
Channel							
Frequency (MHz)							
15	QPSK	1	1	17.48	17.61	17.45	18.2
Channel							
Frequency (MHz)							
10	QPSK	1	1	17.58	17.55	17.45	18.2
Channel							
Frequency (MHz)							
5	QPSK	1	1	17.60	17.60	17.45	18.2

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)
Channel							
Frequency (MHz)							
20	QPSK	1	1	834	835.5	837	
20	QPSK	1	53	24.37	24.41	24.35	25.4
20	QPSK	1	104	24.34	24.38	24.31	
20	QPSK	50	0	23.95	23.93	23.94	25.4
20	QPSK	50	28	24.45	24.46	24.43	25.4
20	QPSK	50	56	23.93	23.95	23.90	25.4
20	QPSK	100	0	23.88	23.90	23.87	25.4
20	8QAM	1	1	24.08	24.16	24.12	25.4
20	8QAM	1	1	22.62	22.68	22.61	25.4
20	256QAM	1	1	21.22	21.29	21.27	25.4
Channel							
Frequency (MHz)							
15	QPSK	1	1	24.42	24.39	24.41	25.4
Channel							
Frequency (MHz)							
10	QPSK	1	1	24.42	24.41	24.44	25.4
Channel							
Frequency (MHz)							
5	QPSK	1	1	24.42	24.41	24.42	25.4

n5_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq 166800	Power Middle Ch. Freq 167300	Power High Ch. Freq 167800	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
20	QPSK	1	1	22.51	22.53	22.50	23.4	0.0			
20	QPSK	1	65	22.45	22.47	22.42					
20	QPSK	1	131	22.30	22.37	22.31					
20	QPSK	64	0	22.37	22.45	22.41	23.4	0.0			
20	QPSK	64	32	22.30	22.31	22.45	23.4	0.0			
20	QPSK	64	66	22.47	22.49	22.45	23.4	0.0			
20	QPSK	128	0	22.48	22.50	22.46	23.4	0.0			
20	16QAM	1	1	22.36	22.42	22.38					
20	64QAM	1	1	22.29	22.38	22.32					
20	256QAM	1	1	21.23	21.30	21.24	21.4	2.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	22.48	22.49	22.46	23.4	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	22.36	22.36	22.39	23.4	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	22.43	22.50	22.53	23.4	0.0			

n7_Ant 4											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq	Power Meddy Ch. Freq	Power High Ch. Freq	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
50	QPSK	1	1	24.45	24.54	24.45	25.4	0.0			
50	QPSK	1	135	24.41	24.50	24.44					
50	QPSK	1	268	24.35	24.44	24.38					
50	QPSK	135	0	23.93	23.98	23.89	24.4	1.0			
50	QPSK	135	68	24.44	24.52	24.44	25.4	0.0			
50	QPSK	135	135	23.95	24.01	23.96	24.4	1.0			
50	QPSK	270	0	23.88	23.91	23.85	24.4	1.0			
50	16QAM	1	1	24.07	24.13	24.06					
50	64QAM	1	1	22.66	22.73	22.67					
50	256QAM	1	1	21.20	21.30	21.20	21.4	4.0			
Channel											
Frequency (MHz)											
40	QPSK	1	1	24.39	24.45	24.37	25.4	0.0			
Channel											
Frequency (MHz)											
30	QPSK	1	1	24.36	24.44	24.36	25.4	0.0			
Channel											
Frequency (MHz)											
25	QPSK	1	1	24.35	24.45	24.40	25.4	0.0			
Channel											
Frequency (MHz)											
20	QPSK	1	1	24.30	24.45	24.38	25.4	0.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	24.30	24.46	24.36	25.4	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	24.39	24.46	24.37	25.4	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	24.35	24.46	24.38	25.4	0.0			

n7_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 505000	Power Middle Ch. Freq. 507000	Power High Ch. Freq. 509000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	1	16.13	16.20	16.11	17.4	0.0	
50	QPSK	1	135	15.97	16.07	15.96			
50	QPSK	1	268	16.07	16.08	15.97			
50	QPSK	135	0	16.03	16.17	16.01	17.4	0.0	
50	QPSK	135	68	16.11	16.18	16.10	17.4	0.0	
50	QPSK	135	135	16.10	16.03	15.98	17.4	0.0	
50	QPSK	270	0	16.10	16.15	16.08	17.4	0.0	
50	16QAM	1	1	16.06	16.04	16.03			
50	64QAM	1	1	15.96	16.10	16.09			
50	256QAM	1	1	15.96	16.17	16.02	17.4	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	16.02	16.07	16.01	17.4	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	15.98	16.15	15.99	17.4	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	16.03	16.05	16.05	17.4	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	16.04	16.10	16.08	17.4	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	16.04	16.10	16.08	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.08	16.06	15.98	17.4	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	16.06	16.11	16.02	17.4	0.0	

n7_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				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	QPSK	1	1	19.38	19.39	19.45	21.2	0.0	
50	QPSK	1	135	19.35	19.42	19.32			
50	QPSK	1	268	19.41	19.33	19.28			
50	QPSK	135	0	19.41	19.35	19.36	21.2	0.0	
50	QPSK	135	68	19.45	19.48	19.51	21.2	0.0	
50	QPSK	135	135	19.32	19.38	19.31	21.2	0.0	
50	QPSK	270	0	19.43	19.46	19.41	21.2	0.0	
50	16QAM	1	1	19.30	19.38	19.33	21.2	0.0	
50	64QAM	1	1	19.33	19.37	19.42	21.2	0.0	
50	256QAM	1	1	19.15	19.22	19.18	19.7	1.5	
Channel				505000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	19.39	19.36	19.40	21.2	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2415	2435	2455	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	19.37	19.41	19.34	21.2	0.0	
Channel				502000	507000	511600			
Frequency (MHz)				2313.5	2323	2327.5	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	19.43	19.47	19.39	21.2	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	19.40	19.33	19.37	21.2	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	19.37	19.42	19.31	21.2	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2405	2435	2465	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	19.43	19.47	19.28	21.2	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2302.5	2435	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	19.34	19.34	19.35	21.2	0.0	

n12_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				141300	141500	141700			
Frequency (MHz)				708.5	707.5	708.5			
15	QPSK	1	1	24.25	24.33	24.25	25.4	0.0	
15	QPSK	1	40	24.16	24.22	24.17			
15	QPSK	1	77	24.15	24.23	24.18			
15	QPSK	36	0	23.81	23.88	23.83	24.4	1.0	
15	QPSK	36	22	24.24	24.29	24.19	25.4	0.0	
15	QPSK	36	43	23.83	23.88	23.78	24.4	1.0	
15	QPSK	75	0	23.75	23.83	23.78			
15	16QAM	1	1	23.92	24.01	23.95	24.4	1.0	
15	64QAM	1	1	22.50	22.58	22.51	22.9	2.5	
15	256QAM	1	1	21.15	21.25	21.16	21.4	4.0	
Channel				140800	141500	142200			
Frequency (MHz)				704	707.5	711	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	24.19	24.20	24.23	25.4	0.0	
Channel				140300	141500	142700			
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	24.19	24.21	24.24	25.4	0.0	

n12_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				141300	141500	141700			
Frequency (MHz)				708.5	707.5	708.5			
15	QPSK	1	1	24.25	24.33	24.25	25.4	0.0	
15	QPSK	1	40	24.12	24.13	24.16			
15	QPSK	1	77	24.15	24.17	24.14			
15	QPSK	36	0	23.80	23.81	23.82	24.4	1.0	
15	QPSK	36	22	24.21	24.23	24.21	24.4	0.0	
15	QPSK	36	43	23.83	23.79	23.83	24.4	1.0	
15	QPSK	75	0	23.77	23.78	23.73			
15	16QAM	1	1	23.93	23.94	23.92	24.4	1.0	
15	64QAM	1	1	22.52	22.52	22.49	22.9	2.5	
15	256QAM	1	1	21.17	21.17	21.17	21.4	4.0	
Channel				140800	141500	142200			
Frequency (MHz)				704	707.5	711	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	24.10	24.12	24.18	25.4	0.0	
Channel				140300	141500	142700			
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	24.09	24.12	24.17	25.4	0.0	

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									
Frequency (MHz)				824	831.5	839			
20	QPSK	1	1	24.07	24.07	24.07			
20	QPSK	1	53	24.07	24.34	24.11	25.4	0.0	
20	QPSK	1	104	24.06	24.31	24.08			
20	QPSK	50	0	23.73	23.98	23.75	25.4	1.0	
20	QPSK	50	28	24.12	24.36	24.13	25.4	0.0	
20	QPSK	50	56	23.78	23.99	23.78	24.4	1.0	
20	QPSK	100	0	23.71	23.93	23.85			
20	64QAM	1	1	23.83	24.12	23.86	24.4	1.0	
20	64QAM	1	1	22.44	22.73	22.41	22.9	2.5	
20	256QAM	1	1	21.10	21.24	21.12	21.4	4.0	
Channel				164300	165300	166300			
Frequency (MHz)				821.5	831.5	841.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	24.06	24.34	24.11	25.4	0.0	
Channel				163300	165300	168800			
Frequency (MHz)				839	831.5	844	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	24.07	24.34	24.06	25.4	0.0	
Channel				163300	166300	169300			
Frequency (MHz)				818.5	831.5	845.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	24.06	24.34	24.08	25.4	0.0	

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									
Frequency (MHz)				824	831.5	839			
20	QPSK	1	1	22.33	22.55	22.31			
20	QPSK	1	53	22.36	22.52	22.43	23.4	0.0	
20	QPSK	1	104	22.47	22.52	22.46			
20	QPSK	50	0	22.49	22.58	22.41	23.4	0.0	
20	QPSK	50	28	22.51	22.53	22.50	23.4	0.0	
20	QPSK	50	56	22.50	22.48	22.43	23.4	0.0	
20	QPSK	100	0	22.50	22.51	22.48			
20	16QAM	1	1	22.48	22.49	22.36	23.4	0.0	
20	64QAM	1	1	22.42	22.41	22.38	22.9	0.5	
20	256QAM	1	1	21.20	21.38	21.26	21.4	2.0	
Channel				164300	165300	166300			
Frequency (MHz)				841.5	831.5	841.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	22.50	22.50	22.46	23.4	0.0	
Channel				163800	165300	168800			
Frequency (MHz)				849	831.5	844	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	22.38	22.45	22.36	23.4	0.0	
Channel				163300	166300	169300			
Frequency (MHz)				818.5	831.5	845.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	22.41	22.40	22.45	23.4	0.0	

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)				1732.5	1745	1757.5			
45	QPSK	1	1	23.75	24.13	24.08			
45	QPSK	1	122	24.02	24.10	24.01	25.4	0.0	
45	QPSK	1	243	24.04	24.10	24.01			
45	QPSK	120	0	23.92	23.98	23.93	24.4	1.0	
45	QPSK	120	60	24.02	24.12	24.06	25.4	0.0	
45	QPSK	120	122	23.47	23.54	23.44	24.4	1.0	
45	QPSK	243	0	23.48	23.96	23.47			
45	64QAM	1	1	23.70	23.78	23.68	24.4	1.0	
45	64QAM	1	1	22.29	22.39	22.33	22.9	2.5	
45	256QAM	1	1	20.89	20.94	20.85	21.4	4.0	
Channel				345000	346000	352000			
Frequency (MHz)				1720	1745	1760	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	23.96	24.05	23.91	25.4	0.0	
Channel				345000	346000	352000			
Frequency (MHz)				1722.5	1745	1762.5	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	23.97	24.05	23.91	25.4	0.0	
Channel				345000	346000	353000			
Frequency (MHz)				1725	1745	1765	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	23.95	24.02	23.95	25.4	0.0	
Channel				344500	346000	353500			
Frequency (MHz)				1722.5	1745	1767.5	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	23.94	24.00	23.92	25.4	0.0	
Channel				344000	346000	354000			
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	23.97	24.05	23.91	25.4	0.0	
Channel				343500	346000	354500			
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	23.92	24.05	23.95	25.4	0.0	
Channel				343000	346000	355000			
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	23.96	24.04	23.91	25.4	0.0	
Channel				342500	346000	355500			
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	23.96	24.05	23.95	25.4	0.0	

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				345000	345000	345000			
Frequency (MHz)				1732.5	1745	1757.5			
45	QPSK	1	1	16.52	16.83	16.83			
45	QPSK	1	122	16.82	16.78	16.73	18.4	0.0	
45	QPSK	1	243	16.74	16.84	16.74			
45	QPSK	120	0	16.70	16.85	16.71	18.4	0.0	
45	QPSK	120	60	16.65	16.86	16.81	18.4	0.0	
45	QPSK	120	122	16.72	16.71	16.68	18.4	0.0	
45	QPSK	243	0	16.83	16.85	16.81			
45	16QAM	1	1	16.76	16.71	16.72	18.4	0.0	
45	64QAM	1	1	16.83	16.83	16.77	18.4	0.0	
45	256QAM	1	1	16.81	16.72	16.69	18.4	0.0	
Channel				345000	345000	345000			
Frequency (MHz)				1730	1745	1750	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	16.79	16.83	16.73	18.4	0.0	
Channel				345000	345000	352500			
Frequency (MHz)				1723.5	1745	1767.5	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	16.84	16.83	16.79	18.4	0.0	
Channel				345000	345000	353000			
Frequency (MHz)				1725	1745	1765	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	16.77	16.72	16.75	18.4	0.0	
Channel				344500	345000	353500			
Frequency (MHz)				1722.5	1745	1767.5	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	16.83	16.77	16.73	18.4	0.0	
Channel				344000	345000	354000			
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	16.70	16.78	16.75	18.4	0.0	
Channel				343500	345000	354500			
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	16.72	16.80	16.70	18.4	0.0	
Channel				343000	345000	355000			
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	16.73	16.71	16.71	18.4	0.0	
Channel				342500	345000	355500			
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	16.81	16.84	16.69	18.4	0.0	

n66_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				345000	345000	351500			
Frequency (MHz)				1722.5	1745	1767.5			
45	QPSK	1	1	16.16	16.25	16.16			
45	QPSK	1	122	16.03	16.14	16.05	20.2	0.0	
45	QPSK	1	243	16.07	16.16	16.07			
45	QPSK	120	0	16.08	16.20	16.11	20.2	0.0	
45	QPSK	120	60	16.16	16.23	16.15	20.2	0.0	
45	QPSK	120	122	16.09	16.19	16.11	20.2	0.0	
45	QPSK	243	0	16.15	16.21	16.13			
45	16QAM	1	1	16.13	16.14	16.10	20.2	0.0	
45	64QAM	1	1	16.12	16.10	16.12	20.2	0.0	
45	256QAM	1	1	16.36	16.58	16.53	16.7	1.5	
Channel				345000	345000	352000			
Frequency (MHz)				1720	1745	1760	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	16.03	16.16	16.07	20.2	0.0	
Channel				345000	345000	352500			
Frequency (MHz)				1722.5	1745	1767.5	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	16.06	16.19	16.07	20.2	0.0	
Channel				345000	345000	353000			
Frequency (MHz)				1720	1745	1765	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	16.04	16.16	16.01	20.2	0.0	
Channel				344500	345000	353500			
Frequency (MHz)				1722.5	1745	1767.5	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	16.06	16.14	16.09	20.2	0.0	
Channel				344000	345000	354000			
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	16.11	16.18	16.03	20.2	0.0	
Channel				343500	345000	354500			
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	16.01	16.22	16.14	20.2	0.0	
Channel				343000	345000	355000			
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	16.11	16.12	16.08	20.2	0.0	
Channel				342500	345000	355500			
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	16.06	16.21	16.14	20.2	0.0	

n38_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				516004	516000	516996	25.4	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	QPSK	1	1	24.40	24.47	24.43	25.4	0.0	
40	QPSK	1	53	24.24	24.31	24.25			
40	QPSK	1	104	24.29	24.37	24.28	25.4	1.0	
40	QPSK	50	0	23.27	23.35	23.28			
40	QPSK	50	28	23.31	24.39	23.31	25.4	0.0	
40	QPSK	50	56	23.27	23.35	23.26	24.4	1.0	
40	QPSK	100	0	23.29	23.36	23.29	24.4	1.0	
40	16QAM	1	1	23.11	23.17	23.12	24.4	1.0	
40	64QAM	1	1	22.51	22.60	22.52	22.9	2.5	
40	256QAM	1	1	21.05	21.11	21.01	21.4	4.0	
Channel				517002	516000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2605.01	2595	2604.99	25.4	0.0	
30	QPSK	1	1	24.18	24.22	24.17	25.4	0.0	
Channel				516504	516000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2592.52	2595	2597.48	25.4	0.0	
25	QPSK	1	1	24.17	24.21	24.16	25.4	0.0	
Channel				516000	516000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2590	2595	2610	25.4	0.0	
20	QPSK	1	1	24.14	24.21	24.16	25.4	0.0	
Channel				515502	516000	522500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49	25.4	0.0	
15	QPSK	1	1	24.16	24.22	24.20	25.4	0.0	
Channel				515004	516000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2615.03	2595	2614.97	25.4	0.0	
10	QPSK	1	1	24.16	24.24	24.15	25.4	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				516004	516000	516996	17.4	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	QPSK	1	1	15.63	15.65	15.61	17.4	0.0	
40	QPSK	1	53	15.75	15.80	15.66			
40	QPSK	1	104	15.69	15.74	15.78	17.4	0.0	
40	QPSK	50	0	15.79	15.69	15.68			
40	QPSK	50	28	15.61	15.63	15.60	17.4	0.0	
40	QPSK	50	56	15.78	15.76	15.71	17.4	0.0	
40	QPSK	100	0	15.60	15.61	15.78	17.4	0.0	
40	16QAM	1	1	15.76	15.70	15.65	17.4	0.0	
40	64QAM	1	1	15.75	15.73	15.68	17.4	0.0	
40	256QAM	1	1	15.79	15.77	15.79	17.4	0.0	
Channel				517002	516000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2605.01	2595	2604.99	17.4	0.0	
30	QPSK	1	1	15.76	15.69	15.79	17.4	0.0	
Channel				516504	516000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2592.52	2595	2597.48	17.4	0.0	
25	QPSK	1	1	15.68	15.61	15.65	17.4	0.0	
Channel				516000	516000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2590	2595	2610	17.4	0.0	
20	QPSK	1	1	15.72	15.77	15.77	17.4	0.0	
Channel				515502	516000	522500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49	17.4	0.0	
15	QPSK	1	1	15.74	15.73	15.66	17.4	0.0	
Channel				515004	516000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2615.03	2595	2614.97	17.4	0.0	
10	QPSK	1	1	15.74	15.73	15.67	17.4	0.0	

n38_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				516004	516000	516996	20.7	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	QPSK	1	1	18.97	18.98	18.95	20.7	0.0	
40	QPSK	1	53	18.87	18.83	18.89			
40	QPSK	1	104	18.89	18.86	18.78	20.7	0.0	
40	QPSK	50	0	18.83	18.84	18.82			
40	QPSK	50	28	18.95	18.97	18.93	20.7	0.0	
40	QPSK	50	56	18.93	18.87	18.88	20.7	0.0	
40	QPSK	100	0	18.93	18.95	18.91	20.7	0.0	
40	16QAM	1	1	18.84	18.89	18.86	20.7	0.0	
40	64QAM	1	1	18.84	18.89	18.88	19.7	1.0	
40	256QAM	1	1	18.82	18.90	18.91	Tune-up limit (dBm)	MPR (dB)	
Channel				517002	516000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2605.01	2595	2604.99	20.7	0.0	
30	QPSK	1	1	18.87	18.82	18.78	20.7	0.0	
Channel				516504	516000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2592.52	2595	2597.48	20.7	0.0	
25	QPSK	1	1	18.87	18.84	18.91	20.7	0.0	
Channel				516000	516000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2590	2595	2610	20.7	0.0	
20	QPSK	1	1	18.86	18.86	18.82	20.7	0.0	
Channel				515502	516000	522500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49	20.7	0.0	
15	QPSK	1	1	18.84	18.86	18.81	20.7	0.0	
Channel				515004	516000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2615.03	2595	2614.97	20.7	0.0	
10	QPSK	1	1	18.93	18.89	18.89	20.7	0.0	

n41_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)									
100	QPSK	1	1	23.14	23.15	23.11			
100	QPSK	1	137	23.03	23.13	23.03	24.2		0.0
100	QPSK	1	271	23.00	23.11	23.02			
100	QPSK	135	5	22.97	23.08	22.99	24.2		0.0
100	QPSK	135	69	23.05	23.10	23.02	24.2		0.0
100	QPSK	135	138	22.96	23.02	22.93	24.2		0.0
100	QPSK	270	0	23.04	23.10	22.99	24.2		0.0
100	16QAM	1	1	22.98	23.03	22.98	24.2		0.0
100	64QAM	1	1	22.94	23.06	22.92	24.2		0.0
100	256QAM	1	1	22.85	22.97	22.94	23.2		1.0
Channel									
Frequency (MHz)									
90	QPSK	1	1	22.94	23.08	22.96	24.2		0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.95	22.98	22.98	24.2		0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	22.95	23.07	22.93	24.2		0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	22.94	23.03	22.96	24.2		0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.97	23.08	22.98	24.2		0.0
Channel									
Frequency (MHz)									
45	QPSK	1	1	22.95	22.98	22.97	24.2		0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.97	23.03	22.95	24.2		0.0
Channel									
Frequency (MHz)									
35	QPSK	1	1	22.95	23.04	22.94	24.2		0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.93	23.03	22.93	24.2		0.0
Channel									
Frequency (MHz)									
25	QPSK	1	1	22.94	23.06	22.94	24.2		0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.97	23.06	22.95	24.2		0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.95	22.99	22.92	24.2		0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.96	23.05	22.95	24.2		0.0

n41_Ant 4 HPUE									
BW [MHz]	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	25622	25698	25800			
				25.62	25.69	25.80			
100	QPSK	1	137	26.13	26.19	26.11		27.2	0.0
100	QPSK	1	271	26.10	26.17	26.07			
100	QPSK	135	0	25.49	25.58	25.52	26.2		
100	QPSK	135	69	26.06	26.16	26.07	27.2		
100	QPSK	135	138	25.57	25.63	25.57	26.2	1.0	
100	QPSK	270	0	25.39	25.46	25.38	26.2		
100	16QAM	1	1	25.32	25.42	25.36	26.2	1.0	
100	64QAM	1	1	24.35	24.44	24.38	24.7	2.5	
100	256QAM	1	1	22.94	23.04	22.99	23.2	4.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	25814	25898	25998	Tune-up limit (dBm)	MPR (dB)	
				25.81	25.89	25.99			
90	QPSK	1	1	26.06	26.11	26.02	27.2	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	26030	26098	26190	Tune-up limit (dBm)	MPR (dB)	
				26.03	26.09	26.19			
80	QPSK	1	1	26032	26098	26100	Tune-up limit (dBm)	MPR (dB)	
				26.031	26.098	26.05			
70	QPSK	1	1	26.08	26.12	26.04	27.2	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	26020	26098	26098	Tune-up limit (dBm)	MPR (dB)	
				26.02	26.09	26.09			
60	QPSK	1	1	26.04	26.10	26.01	27.2	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	26026	26098	26098	Tune-up limit (dBm)	MPR (dB)	
				26.026	26.098	26.098			
50	QPSK	1	1	26.06	26.12	26.06	27.2	0.0	
Channel									
Frequency (MHz)									
45	QPSK	1	1	26175	26249	26349	Tune-up limit (dBm)	MPR (dB)	
				26.175	26.249	26.349			
45	QPSK	1	1	26.08	26.11	26.02	27.2	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	26032	26098	26000	Tune-up limit (dBm)	MPR (dB)	
				26.031	26.098	26.00			
40	QPSK	1	1	26.06	26.11	26.07	27.2	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	26.08	26.13	26.06	27.2	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	26020	26098	26098	Tune-up limit (dBm)	MPR (dB)	
				26.01	26.09	26.09			
30	QPSK	1	1	26.05	26.11	26.04	27.2	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	26031	26098	26074	Tune-up limit (dBm)	MPR (dB)	
				26.03	26.09	26.07			
25	QPSK	1	1	26.03	26.09	26.04	27.2	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	26034	26098	26098	Tune-up limit (dBm)	MPR (dB)	
				26.034	26.098	26.098			
20	QPSK	1	1	26.04	26.14	26.04	27.2	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	26033	26098	26024	Tune-up limit (dBm)	MPR (dB)	
				26.033	26.098	26.024			
15	QPSK	1	1	26.08	26.12	26.02	27.2	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	26000	26080	25700	Tune-up limit (dBm)	MPR (dB)	
				26.01	26.08	25.7			
10	QPSK	1	1	26.08	26.11	26.05	27.2	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)									
100	QPSK	1	1	2594.21	2592.99	2590.00			
				16.06	16.08	16.03			
100	QPSK	1	137	16.81	16.73	16.72	18.2		0.0
100	QPSK	1	271	16.76	16.74	16.72			
100	QPSK	135	0	16.83	16.80	16.74	18.2		0.0
100	QPSK	135	69	16.05	16.06	16.03	18.2		0.0
100	QPSK	135	138	16.82	16.81	16.71	18.2		0.0
100	QPSK	270	0	16.83	16.80	16.81	18.2		0.0
100	16QAM	1	1	16.71	16.84	16.73	18.2		0.0
100	64QAM	1	1	16.76	16.74	16.76	18.2		0.0
100	256QAM	1	1	16.80	16.75	16.82	18.2		0.0
Channel									
Frequency (MHz)									
90	QPSK	1	1	2598.00	2596.98	2595.98	18.2		MPR (dB)
				16.74	16.75	16.75			
90	QPSK	1	1	16.76	16.75	16.75	18.2		0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	2596.00	2595.98	2594.99	18.2		MPR (dB)
				16.72	16.76	16.72			
80	QPSK	1	1	2598.00	2596.98	2593.00	18.2		MPR (dB)
Channel									
Frequency (MHz)									
70	QPSK	1	1	2591.01	2592.99	2595	18.2		MPR (dB)
				16.82	16.73	16.74			
70	QPSK	1	1	16.82	16.73	16.74	18.2		0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	2592.00	2592.99	2595.98	18.2		MPR (dB)
				16.80	16.75	16.79			
60	QPSK	1	1	16.84	16.75	16.79	18.2		0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	2593.02	2592.99	2594.99	18.2		MPR (dB)
				16.82	16.75	16.71			
50	QPSK	1	1	16.84	16.78	16.71	18.2		0.0
Channel									
Frequency (MHz)									
45	QPSK	1	1	2593.00	2596.98	2594.96	18.2		MPR (dB)
				16.81	16.82	16.82			
45	QPSK	1	1	2596.00	2596.98	2594.00	18.2		MPR (dB)
Channel									
Frequency (MHz)									
40	QPSK	1	1	2591.01	2592.99	2590	18.2		MPR (dB)
				16.82	16.74	16.77			
40	QPSK	1	1	2593.02	2592.99	2591.99	18.2		MPR (dB)
				16.83	16.75	16.77			
35	QPSK	1	1	16.76	16.85	16.68	18.2		0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	2592.00	2596.98	2594.96	18.2		MPR (dB)
				2611	2592.99	2614.98			
30	QPSK	1	1	16.84	16.72	16.74	18.2		0.0
Channel									
Frequency (MHz)									
25	QPSK	1	1	2591.02	2596.98	2593.99	18.2		MPR (dB)
				2598.51	2592.99	2597.5			
25	QPSK	1	1	16.75	16.78	16.72	18.2		0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	2596.02	2592.99	2596.99	18.2		MPR (dB)
				16.73	16.81	16.73			
20	QPSK	1	1	2593.02	2592.99	2595.99	18.2		MPR (dB)
				2593.5	2592.99	2592.48			
15	QPSK	1	1	16.74	16.81	16.81	18.2		0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	2590.00	2596.98	2597.00	18.2		MPR (dB)
				2601	2593	2598			
10	QPSK	1	1	16.79	16.78	16.68	18.2		0.0

Part27Q_n77_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)				633332		3499.98			
100	QPSK	1	1	16.72	16.83		17.9	0.0	
100	QPSK	1	137	16.71					
100	QPSK	1	271	16.73					
100	QPSK	135	0	16.77			17.9	0.0	
100	QPSK	135	69	16.81					
100	QPSK	135	138	16.73					
100	QPSK	270	0	16.80	16.80		17.9	0.0	
100	16QAM	1	1	16.69			17.9	0.0	
100	64QAM	1	1	16.74			17.9	0.0	
100	256QAM	1	1	16.80			17.9	0.0	
Channel				633000	633332	633668	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3485	3499.98	3504.98			
90	QPSK	1	1	16.72	16.80	16.74	17.9	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3480.02	3499.98	3510			
80	QPSK	1	1	16.69	16.73	16.76	17.9	0.0	
Channel				632334	633332	634332	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98			
70	QPSK	1	1	16.69	16.77	16.72	17.9	0.0	
Channel				632000	633332	634668	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	16.74	16.73	16.75	17.9	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3474.02	3499.98	3525			
50	QPSK	1	1	16.77	16.69	16.70	17.9	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	16.76	16.73	16.75	17.9	0.0	
Channel				631000	633332	635668	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	16.86	16.66	16.72	17.9	0.0	
Channel				630668	633332	636000	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48			
25	QPSK	1	1	16.75	16.68	16.66	17.9	0.0	
Channel				630334	633332	636332	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	16.74	16.77	16.67	17.9	0.0	
Channel				630000	633332	636668	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3455.03	3499.98	3545.98			
15	QPSK	1	1	16.80	16.77	16.77	17.9	0.0	
Channel				630000	633332	636668	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98			
10	QPSK	1	1	16.87	16.71	16.72	17.9	0.0	

Part27Q_n77_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)				660000	660000	660000			
100	QPSK	1	1	16.78	16.80	16.77	17.9	0.0	
100	QPSK	1	137	16.71	16.67	16.66			
100	QPSK	1	271	16.76	16.67	16.61			
100	QPSK	135	0	16.69	16.63	16.74	17.9	0.0	
100	QPSK	135	69	16.77	16.78	16.75			
100	QPSK	135	138	16.65	16.74	16.71			
100	QPSK	270	0	16.73	16.75	16.71	17.9	0.0	
100	16QAM	1	1	16.75	16.73	16.69	17.9	0.0	
100	64QAM	1	1	16.67	16.77	16.70	17.9	0.0	
100	256QAM	1	1	16.75	16.72	16.71	17.9	0.0	
Channel				648668	650000	652332	Tune-up limit (dBm)		
Frequency (MHz)				3743.02	3840	3834.98	MPR (dB)		
90	QPSK	1	1	16.75	16.63	16.73	17.9	0.0	
Channel				648334	650000	652668	Tune-up limit (dBm)		
Frequency (MHz)				3740.01	3840	3839.99	MPR (dB)		
80	QPSK	1	1	16.70	16.71	16.67	17.9	0.0	
Channel				648000	650000	653000	Tune-up limit (dBm)		
Frequency (MHz)				3735	3840	3845	MPR (dB)		
70	QPSK	1	1	16.71	16.69	16.69	17.9	0.0	
Channel				648668	650000	653332	Tune-up limit (dBm)		
Frequency (MHz)				3740.02	3840	3849.98	MPR (dB)		
60	QPSK	1	1	16.67	16.73	16.69	17.9	0.0	
Channel				648334	650000	653668	Tune-up limit (dBm)		
Frequency (MHz)				3728.01	3840	3844.98	MPR (dB)		
50	QPSK	1	1	16.69	16.64	16.63	17.9	0.0	
Channel				648000	650000	654000	Tune-up limit (dBm)		
Frequency (MHz)				3720	3840	3840	MPR (dB)		
40	QPSK	1	1	16.62	16.71	16.63	17.9	0.0	
Channel				647668	650000	654332	Tune-up limit (dBm)		
Frequency (MHz)				3718.02	3840	3849.98	MPR (dB)		
30	QPSK	1	1	16.76	16.76	16.63	17.9	0.0	
Channel				647334	650000	654668	Tune-up limit (dBm)		
Frequency (MHz)				3715.01	3840	3849.99	MPR (dB)		
25	QPSK	1	1	16.75	16.75	16.69	17.9	0.0	
Channel				647334	650000	654668	Tune-up limit (dBm)		
Frequency (MHz)				3713.01	3840	3849.99	MPR (dB)		
20	QPSK	1	1	16.72	16.63	16.60	17.9	0.0	
Channel				647168	650000	654832	Tune-up limit (dBm)		
Frequency (MHz)				3707.52	3840	3852.48	MPR (dB)		
15	QPSK	1	1	16.62	16.68	16.71	17.9	0.0	
Channel				647000	650000	655000	Tune-up limit (dBm)		
Frequency (MHz)				3705	3840	3895	MPR (dB)		
10	QPSK	1	1	16.67	16.74	16.66	17.9	0.0	

Part27Q_n77_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power / Freq. Low	Power / Freq. Middle	Power / Freq. High	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1	16.72	16.85		18.7	0.0	
100	QPSK	1	137	16.71	16.81				
100	QPSK	1	271	16.77	16.77				
100	QPSK	135	5	16.77	16.77		18.7	0.0	
100	QPSK	135	69	16.81	16.83				
100	QPSK	135	138	16.73	16.73				
100	QPSK	270	0	16.80	16.81		18.7	0.0	
100	16QAM	1	1	16.69	16.77		18.7	0.0	
100	64QAM	1	1	16.74	16.77		18.7	0.0	
100	256QAM	1	1	16.80	16.78		18.7	0.0	
Channel				633000	633332	633668	Tune-up limit (dBm)		
Frequency (MHz)				3485	3499.98	3504.98	MPR (dB)		
90	QPSK	1	1	16.72	16.77	16.78	18.7	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)		
Frequency (MHz)				3480.02	3499.98	3510	MPR (dB)		
80	QPSK	1	1	16.69	16.72	16.70	18.7	0.0	
Channel				632334	633332	634332	Tune-up limit (dBm)		
Frequency (MHz)				3485.01	3499.98	3514.98	MPR (dB)		
70	QPSK	1	1	16.69	16.77	16.72	18.7	0.0	
Channel				632000	633332	634668	Tune-up limit (dBm)		
Frequency (MHz)				3480	3499.98	3519.99	MPR (dB)		
60	QPSK	1	1	16.74	16.76	16.78	18.7	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)		
Frequency (MHz)				3474.02	3499.98	3498	MPR (dB)		
50	QPSK	1	1	16.77	16.69	16.70	18.7	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)		
Frequency (MHz)				3470.01	3499.98	3509.98	MPR (dB)		
40	QPSK	1	1	16.78	16.81	16.81	18.7	0.0	
Channel				631000	633332	635668	Tune-up limit (dBm)		
Frequency (MHz)				3465.01	3499.98	3504.98	MPR (dB)		
30	QPSK	1	1	16.89	16.82	16.79	18.7	0.0	
Channel				630684	633332	635982	Tune-up limit (dBm)		
Frequency (MHz)				3460.81	3499.98	3507.42	MPR (dB)		
25	QPSK	1	1	16.78	16.78	16.75	18.7	0.0	
Channel				630668	633332	636000	Tune-up limit (dBm)		
Frequency (MHz)				3460.02	3499.98	3560	MPR (dB)		
20	QPSK	1	1	16.79	16.79	16.80	18.7	0.0	
Channel				630330	633332	636330	Tune-up limit (dBm)		
Frequency (MHz)				3457.5	3499.98	3562.49	MPR (dB)		
15	QPSK	1	1	16.80	16.80	16.79	18.7	0.0	
Channel				630000	633332	636668	Tune-up limit (dBm)		
Frequency (MHz)				3453.01	3499.98	3564.98	MPR (dB)		
10	QPSK	1	1	16.79	16.79	16.78	18.7	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										
				660000	656000	662000				
				Frequency (MHz)	3790	3840	3830			
100	QPSK	1	1	17.58	17.50	17.48	18.7	0.0		
100	QPSK	1	137	17.43	17.47	17.41				
100	QPSK	1	271	17.53	17.44	17.51				
100	QPSK	135	0	17.54	17.55	17.52	18.7	0.0		
100	QPSK	135	69	17.56	17.58	17.55				
100	QPSK	135	138	17.49	17.56	17.53				
100	QPSK	270	0	17.56	17.56	17.53	18.7	0.0		
100	16QAM	1	1	17.54	17.52	17.41	18.7	0.0		
100	64QAM	1	1	17.53	17.49	17.53	18.7	0.0		
100	256QAM	1	1	17.54	17.50	17.52	18.7	0.0		
Channel										
				649686	656000	662332	Tune-up limit (dBm)	MPR (dB)		
				Frequency (MHz)	3745.02	3840	3934.68			
90	QPSK	1	1	17.56	17.47	17.44	18.7	0.0		
Channel										
				646034	656000	656966	Tune-up limit (dBm)	MPR (dB)		
				Frequency (MHz)	3740.01	3840	3939.99			
80	QPSK	1	1	17.51	17.48	17.52	18.7	0.0		
Channel										
				649686	656000	662000	Tune-up limit (dBm)	MPR (dB)		
				Frequency (MHz)	3735	3840	3945			
70	QPSK	1	1	17.49	17.52	17.40	18.7	0.0		
Channel										
				646834	656000	663332	Tune-up limit (dBm)	MPR (dB)		
				Frequency (MHz)	3734.02	3840	3949.86			
60	QPSK	1	1	17.56	17.52	17.50	18.7	0.0		
Channel										
				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)		
				Frequency (MHz)	3725.01	3840	3954.99			
50	QPSK	1	1	17.46	17.49	17.44	18.7	0.0		
Channel										
				649034	656000	662000	Tune-up limit (dBm)	MPR (dB)		
				Frequency (MHz)	3720	3840	3960			
40	QPSK	1	1	17.49	17.49	17.52	18.7	0.0		
Channel										
				647686	656000	663332	Tune-up limit (dBm)	MPR (dB)		
				Frequency (MHz)	3714.02	3840	3964.68			
30	QPSK	1	1	17.50	17.45	17.51	18.7	0.0		
Channel										
				647900	656000	664500	Tune-up limit (dBm)	MPR (dB)		
				Frequency (MHz)	3712.5	3840	3970.5			
25	QPSK	1	1	17.47	17.48	17.46	18.7	0.0		
Channel										
				647334	656000	664966	Tune-up limit (dBm)	MPR (dB)		
				Frequency (MHz)	3710.01	3840	3969.99			
20	QPSK	1	1	17.48	17.55	17.43	18.7	0.0		
Channel										
				647034	656000	664332	Tune-up limit (dBm)	MPR (dB)		
				Frequency (MHz)	3707.52	3840	3972.48			
15	QPSK	1	1	17.44	17.53	17.44	18.7	0.0		
Channel										
				647900	656000	665000	Tune-up limit (dBm)	MPR (dB)		
				Frequency (MHz)	3705	3840	3975			
10	QPSK	1	1	17.52	17.45	17.47	18.7	0.0		

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BW [MHz]	Modulation	RB Size	RB Offset	Power / Freq Ch. / Freq	Power / Freq Ch. / Freq	Power / Freq Ch. / Freq	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
100	QPSK	1	1	16.35	3499.98		17.4	0.0			
100	QPSK	1	137	16.24							
100	QPSK	1	271	16.24							
100	QPSK	135	0	16.30			17.4	0.0			
100	QPSK	135	69	16.33							
100	QPSK	135	138	16.30							
100	QPSK	270	0	16.31			17.4	0.0			
100	16QAM	1	1	16.19			17.4	0.0			
100	64QAM	1	1	16.20			17.4	0.0			
100	256QAM	1	1	16.29			17.4	0.0			
Channel											
Frequency (MHz)											
90	QPSK	1	1	16.18	3499.98	3500.09	17.4	0.0			
Channel											
Frequency (MHz)											
80	QPSK	1	1	16.31	3499.98	3500.05	17.4	0.0			
Channel											
Frequency (MHz)											
70	QPSK	1	1	16.22	3499.98	3500.08	17.4	0.0			
Channel											
Frequency (MHz)											
60	QPSK	1	1	16.32	3499.98	3500.09	17.4	0.0			
Channel											
Frequency (MHz)											
50	QPSK	1	1	16.20	3499.98	3500.05	17.4	0.0			
Channel											
Frequency (MHz)											
40	QPSK	1	1	16.31	3499.98	3500.06	17.4	0.0			
Channel											
Frequency (MHz)											
30	QPSK	1	1	16.31	3499.98	3500.06	17.4	0.0			
Channel											
Frequency (MHz)											
25	QPSK	1	1	16.28	3499.98	3500.08	17.4	0.0			
Channel											
Frequency (MHz)											
20	QPSK	1	1	16.18	3499.98	3500.05	17.4	0.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	16.29	3499.98	3500.09	17.4	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	16.31	3499.98	3500.03	17.4	0.0			

Part270_n77_Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1	16.35	16.36	16.33	17.4	0.0	
100	QPSK	1	137	16.32	16.28	16.25			
100	QPSK	1	271	16.25	16.24	16.26			
100	QPSK	135	0	16.30	16.22	16.28	17.4	0.0	
100	QPSK	135	69	16.33	16.35	16.31			
100	QPSK	135	138	16.32	16.21	16.20			
100	QPSK	270	0	16.31	16.33	16.30	17.4	0.0	
100	16QAM	1	1	16.24	16.20	16.22	17.4	0.0	
100	64QAM	1	1	16.23	16.27	16.20	17.4	0.0	
100	256QAM	1	1	16.25	16.21	16.18	17.4	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	16.22	16.22	16.20	17.4	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	16.27	16.33	16.19	17.4	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	16.24	16.21	16.16	17.4	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	16.27	16.32	16.25	17.4	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	16.21	16.22	16.20	17.4	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	16.32	16.34	16.19	17.4	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	16.18	16.20	16.25	17.4	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	16.31	16.28	16.21	17.4	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	16.31	16.21	16.21	17.4	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	16.30	16.24	16.17	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000	17.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.4700	16.5000	16.5000</			

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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)				650000					
100	QPSK	1	1		17.55		19.2	0.0	
100	QPSK	1	137		17.42				
100	QPSK	1	271		17.40				
100	QPSK	135	0		17.51		19.2	0.0	
100	QPSK	135	69		17.53				
100	QPSK	135	138		17.38				
100	QPSK	270	0		17.51		19.2	0.0	
100	16QAM	1	1		17.47		19.2	0.0	
100	64QAM	1	1		17.44		19.2	0.0	
100	256QAM	1	1		17.44		19.2	0.0	
Channel				648686	650000	650332	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3764.02	3760	3764.98	19.2	0.0	
90	QPSK	1	1		17.39	17.39	17.43	19.2	0.0
Channel				648334	650000	650666	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3769.01	3760	3769.99	19.2	0.0	
80	QPSK	1	1		17.39	17.43	17.42	19.2	0.0
Channel				648800	650000	651000	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3765	3760	3765	19.2	0.0	
70	QPSK	1	1		17.38	17.50	17.51	19.2	0.0
Channel				648800	650000	651332	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3769.02	3760	3769.98	19.2	0.0	
60	QPSK	1	1		17.40	17.45	17.50	19.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3769.01	3760	3769.99	19.2	0.0	
50	QPSK	1	1		17.46	17.38	17.40	19.2	0.0
Channel				648800	650000	652000	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3769.01	3760	3769.99	19.2	0.0	
40	QPSK	1	1		17.47	17.41	17.42	19.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3769.02	3760	3769.98	19.2	0.0	
30	QPSK	1	1		17.40	17.44	17.40	19.2	0.0
Channel				647800	650000	652600	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3769.01	3760	3769.99	19.2	0.0	
25	QPSK	1	1		17.42	17.39	17.41	19.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3769.01	3760	3769.99	19.2	0.0	
20	QPSK	1	1		17.45	17.47	17.39	19.2	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3767.52	3760	3762.48	19.2	0.0	
15	QPSK	1	1		17.41	17.38	17.45	19.2	0.0
Channel				645330	650000	653000	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3765	3760	3765	19.2	0.0	
10	QPSK	1	1		17.41	17.47	17.41	19.2	0.0

Part270Q_n78_Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3499.98					
100	QPSK	1	1		16.45		17.2	0.0	
100	QPSK	1	137		16.32				
100	QPSK	1	271		16.34				
100	QPSK	135	0		16.42		17.2	0.0	
100	QPSK	135	69		16.43				
100	QPSK	135	138		16.40				
100	QPSK	270	0		16.41		17.2	0.0	
100	16QAM	1	1		16.35		17.2	0.0	
100	64QAM	1	1		16.38		17.2	0.0	
100	256QAM	1	1		16.37		17.2	0.0	
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3498.02	3499.98	3504.98	17.2	0.0	
90	QPSK	1	1		16.33	16.41	16.28	17.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3498.02	3499.98	3510.98	17.2	0.0	
80	QPSK	1	1		16.41	16.33	16.34	17.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3498.01	3499.98	3514.98	17.2	0.0	
70	QPSK	1	1		16.34	16.42	16.40	17.2	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3498.02	3499.98	3518.98	17.2	0.0	
60	QPSK	1	1		16.29	16.35	16.42	17.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3498.02	3499.98	3520.98	17.2	0.0	
50	QPSK	1	1		16.35	16.36	16.41	17.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3470.01	3499.98	3529.98	17.2	0.0	
40	QPSK	1	1		16.28	16.29	16.34	17.2	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3495.01	3499.98	3534.98	17.2	0.0	
30	QPSK	1	1		16.38	16.39	16.42	17.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3498.02	3499.98	3540.98	17.2	0.0	
25	QPSK	1	1		16.37	16.37	16.36	17.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3498.02	3499.98	3540.98	17.2	0.0	
20	QPSK	1	1		16.34	16.38	16.34	17.2	0.0
Channel				630000	633332	636166	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3457.5	3499.98	3542.48	17.2	0.0	
15	QPSK	1	1		16.39	16.28	16.39	17.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3455.01	3499.98	3544.98	17.2	0.0	
10	QPSK	1	1		16.31	16.31	16.42	17.2	0.0

Part27Q_n78_Ant 7 HPUE									
BW [MHz]	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)				3499.98		633332			
100	QPSK	1	1		16.45		17.2	0.0	
100	QPSK	1	137		16.32				
100	QPSK	1	271		16.34				
100	QPSK	135	0		16.42		17.2	0.0	
100	QPSK	135	69		16.43				
100	QPSK	135	138		16.40				
100	QPSK	270	0		16.41		17.2	0.0	
100	16QAM	1	1		16.35		17.2	0.0	
100	64QAM	1	1		16.38		17.2	0.0	
100	256QAM	1	1		16.37		17.2	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3498.02	3499.98	3504.98	17.2	0.0	
90	QPSK	1	1		16.33	16.41	16.28	17.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3498.02	3499.98	3510.98	17.2	0.0	
80	QPSK	1	1		16.41	16.33	16.34	17.2	0.0
Channel				632334	633332	633666	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3498.01	3499.98	3514.98	17.2	0.0	
70	QPSK	1	1		16.34	16.42	16.40	17.2	0.0
Channel				632000	633332	633666	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3498.02	3499.98	3518.98	17.2	0.0	
60	QPSK	1	1		16.29	16.35	16.42	17.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3498.02	3499.98	3520.98	17.2	0.0	
50	QPSK	1	1		16.35	16.36	16.41	17.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3470.01	3499.98	3529.98	17.2	0.0	
40	QPSK	1	1		16.28	16.29	16.34	17.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3495	3499.98	3534.98	17.2	0.0	
30	QPSK	1	1		16.38	16.39	16.42	17.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3498.01	3499.98	3540.98	17.2	0.0	
25	QPSK	1	1		16.37	16.37	16.36	17.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3498.02	3499.98	3540.98	17.2	0.0	
20	QPSK	1	1		16.34	16.35	16.34	17.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3497.5	3499.98	3542.49	17.2	0.0	
15	QPSK	1	1		16.39	16.28	16.39	17.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3493.01	3499.98	3544.98	17.2	0.0	
10	QPSK	1	1		16.31	16.31	16.42	17.2	0.0

Part270_n78_Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power / Low Ch. / Freq.	Power / Middle Ch. / Freq.	Power / High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
650000									
100	QPSK	1	1	16.40	16.33		17.2	0.0	
100	QPSK	1	137	16.26					
100	QPSK	1	271	16.36					
100	QPSK	135	0	16.26			17.2	0.0	
100	QPSK	135	69	16.38					
100	QPSK	135	138	16.34					
100	QPSK	270	0	16.37			17.2	0.0	
100	16QAM	1	1	16.33			17.2	0.0	
100	64QAM	1	1	16.35			17.2	0.0	
100	256QAM	1	1	16.37			17.2	0.0	
Channel									
Frequency (MHz)									
648968 650000 650332									
3754.02 3750 3754.98									
90	QPSK	1	1	16.28	16.32	16.33	17.2	0.0	
Channel									
Frequency (MHz)									
648934 650000 650666									
3752.01 3750 3754.99									
80	QPSK	1	1	16.36	16.31	16.29	17.2	0.0	
Channel									
Frequency (MHz)									
650000 650000 651000									
3755 3750 3765									
70	QPSK	1	1	16.37	16.29	16.24	17.2	0.0	
Channel									
Frequency (MHz)									
648866 650000 651666									
3753.02 3750 3769.98									
60	QPSK	1	1	16.23	16.36	16.35	17.2	0.0	
Channel									
Frequency (MHz)									
648834 650000 651666									
3751.01 3750 3774.99									
50	QPSK	1	1	16.25	16.28	16.34	17.2	0.0	
Channel									
Frequency (MHz)									
648800 650000 652000									
3750 3750 3760									
40	QPSK	1	1	16.27	16.31	16.32	17.2	0.0	
Channel									
Frequency (MHz)									
647668 650000 652332									
3718.02 3750 3764.98									
30	QPSK	1	1	16.34	16.26	16.30	17.2	0.0	
Channel									
Frequency (MHz)									
647334 650000 652666									
3716.01 3750 3768.99									
25	QPSK	1	1	16.31	16.27	16.28	17.2	0.0	
Channel									
Frequency (MHz)									
647300 650000 652500									
3715.5 3750 3767.5									
20	QPSK	1	1	16.29	16.30	16.34	17.2	0.0	
Channel									
Frequency (MHz)									
647168 650000 652832									
3707.52 3750 3762.48									
15	QPSK	1	1	16.31	16.34	16.27	17.2	0.0	
Channel									
Frequency (MHz)									
647000 650000 653000									
3705 3750 3795									
10	QPSK	1	1	16.28	16.27	16.33	17.2	0.0	

Part270_n78_Ant 7 HPUE									
BW [MHz]	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)									
650000									
100	QPSK	1	1	16.40			17.2	0.0	
100	QPSK	1	137	16.26					
100	QPSK	1	271	16.36					
100	QPSK	135	0	16.26			17.2	0.0	
100	QPSK	135	69	16.38					
100	QPSK	135	138	16.34					
100	QPSK	270	0	16.37			17.2	0.0	
100	16QAM	1	1	16.33			17.2	0.0	
100	64QAM	1	1	16.35			17.2	0.0	
100	256QAM	1	1	16.37			17.2	0.0	
Channel									
Frequency (MHz)									
646968 650000 650332									
3754.02 3750 3754.98									
90	QPSK	1	1	16.26	16.32	16.33	17.2	0.0	
Channel									
Frequency (MHz)									
646934 650000 650666									
3752.01 3750 3759.99									
80	QPSK	1	1	16.36	16.31	16.23	17.2	0.0	
Channel									
Frequency (MHz)									
646900 650000 651000									
3755 3750 3765									
70	QPSK	1	1	16.37	16.29	16.24	17.2	0.0	
Channel									
Frequency (MHz)									
646866 650000 651666									
3753.02 3750 3769.98									
60	QPSK	1	1	16.23	16.36	16.35	17.2	0.0	
Channel									
Frequency (MHz)									
646834 650000 651666									
3751.01 3750 3774.99									
50	QPSK	1	1	16.25	16.28	16.34	17.2	0.0	
Channel									
Frequency (MHz)									
646800 650000 652000									
3750 3750 3760									
40	QPSK	1	1	16.27	16.31	16.32	17.2	0.0	
Channel									
Frequency (MHz)									
646768 650000 652332									
3718.02 3750 3764.98									
30	QPSK	1	1	16.34	16.26	16.30	17.2	0.0	
Channel									
Frequency (MHz)									
646734 650000 652666									
3716.01 3750 3768.99									
25	QPSK	1	1	16.31	16.27	16.28	17.2	0.0	
Channel									
Frequency (MHz)									
646700 650000 652900									
3714.01 3750 3771.99									
20	QPSK	1	1	16.29	16.30	16.34	17.2	0.0	
Channel									
Frequency (MHz)									
646668 650000 653232									
3712.01 3750 3769.98									
15	QPSK	1	1	16.31	16.34	16.27	17.2	0.0	
Channel									
Frequency (MHz)									
646634 650000 653500									
3710.01 3750 3774.99									
10	QPSK	1	1	16.28	16.27	16.33	17.2	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	18.80	18.80	18.87	19.7	0.0	
40	QPSK	1	108	18.79	18.86	18.76			
40	QPSK	1	214	18.79	18.79	18.82			
40	QPSK	108	0	18.80	18.87	18.76			
40	QPSK	108	54	18.81	18.78	18.85	19.7	0.0	
40	QPSK	108	108	18.73	18.76	18.78	19.7	0.0	
40	QPSK	216	0	18.80	18.80	18.83	19.7	0.0	
40	16QAM	1	1	18.81	18.78	18.82	19.7	0.0	
40	64QAM	1	1	18.81	18.80	18.77	19.7	0.0	
40	256QAM	1	1	18.83	18.85	18.75	19.7	0.0	
Channel									
35	QPSK	1	1	18.875	18.80	18.855	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	18.84	18.78	18.83	19.7	0.0	
Channel									
30	QPSK	1	1	18.860	18.79	18.830	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	18.85	18.85	18.85	19.7	0.0	
30	QPSK	1	1	18.86	18.73	18.78	19.7	0.0	
Channel									
25	QPSK	1	1	18.890	18.80	18.890	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	18.81	18.76	18.76	19.7	0.0	
Channel									
20	QPSK	1	1	18.920	18.83	18.920	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	18.77	18.81	18.72	19.7	0.0	
Channel									
15	QPSK	1	1	18.950	18.80	18.950	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	18.75	18.82	18.80	19.7	0.0	
Channel									
10	QPSK	1	1	18.980	18.76	18.880	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	18.900	18.86	18.850	19.7	0.0	
Channel									
5	QPSK	1	1	18.930	18.85	18.930	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	18.73	18.81	18.83	19.7	0.0	

Reduced Power Mode for ECI 8									
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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	20.63	20.63	20.61	21.2	0.0	
40	QPSK	1	108	20.60	20.58	20.55			
40	QPSK	1	214	20.54	20.62	20.59			
40	QPSK	108	0	20.53	20.56	20.56			
40	QPSK	108	54	20.47	20.60	20.55	21.2	0.0	
40	QPSK	216	0	20.60	20.61	20.58	21.2	0.0	
40	16QAM	1	1	20.53	20.52	20.50	21.2	0.0	
40	64QAM	1	1	20.46	20.62	20.59	21.2	0.0	
40	256QAM	1	1	20.19	20.11	20.13	20.2	1.0	
Channel									
35	QPSK	1	1	20.49	20.52	20.46	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	20.49	20.52	20.46	21.2	0.0	
Channel									
30	QPSK	1	1	20.51	20.52	20.59	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	20.51	20.52	20.59	21.2	0.0	
Channel									
25	QPSK	1	1	20.51	20.53	20.59	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	20.51	20.53	20.59	21.2	0.0	
Channel									
20	QPSK	1	1	20.52	20.54	20.55	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	20.52	20.54	20.52	21.2	0.0	
Channel									
15	QPSK	1	1	20.52	20.54	20.55	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	20.52	20.54	20.55	21.2	0.0	
Channel									
10	QPSK	1	1	20.54	20.55	20.52	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	20.54	20.55	20.52	21.2	0.0	
Channel									
5	QPSK	1	1	20.54	20.61	20.59	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	20.54	20.61	20.59	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)									
20	QPSK	1	1	24.42	24.43	24.41	25.4	0.0	
20	QPSK	1	53	24.37	24.41	24.36			
20	QPSK	1	104	24.34	24.38	24.31			
20	QPSK	50	0	23.90	23.93	23.84			
20	QPSK	50	28	24.41	24.40	24.43	25.4	1.0	
20	QPSK	50	56	23.93	23.95	23.90	25.4	1.0	
20	QPSK	100	0	23.88	23.90	23.87	25.4	1.0	
20	16QAM	1	1	24.28	24.16	24.13	24.4	1.0	
20	64QAM	1	1	22.62	22.88	22.61	22.9	2.5	
20	256QAM	1	1	21.22	21.29	21.27	21.4	4.0	
Channel									
Frequency (MHz)				166600	167300	168100	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	24.42	24.39	24.41	25.4	0.0	
Channel									
Frequency (MHz)				826	836.5	844	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	24.42	24.41	24.44	25.4	0.0	
Channel									
Frequency (MHz)				163500	167300	169300	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	24.42	24.41	24.42	25.4	0.0	

n5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 166500	Power Middle Ch. Freq. 167300	Power High Ch. Freq. 167800	Tune-up limit (dBm)	MPR (dB)	
Channel				166500	167300	167800			
Frequency (MHz)				164	163.5	159			
20	QPSK	1	1	19.00	19.00	19.00			
20	QPSK	1	85	19.79	19.87	19.80	20.9	0.0	
20	QPSK	1	131	19.86	19.96	19.86			
20	QPSK	64	0	19.97	19.98	19.99	20.9	0.0	
20	QPSK	64	32	19.98	19.99	19.97	20.9	0.0	
20	QPSK	64	66	19.88	19.90	19.87	20.9	0.0	
20	QPSK	128	0	19.96	19.98	19.95	20.9	0.0	
20	64QAM	1	1	19.96	19.99	19.90	20.9	0.0	
20	64QAM	1	1	19.86	19.92	19.88	20.9	0.0	
20	256QAM	1	1	19.96	19.98	19.97	20.9	0.0	
Channel				166300	167300	168300			
Frequency (MHz)				163.5	163.5	161.5			
15	QPSK	1	1	19.93	19.87	19.99	20.9	0.0	
Channel				165300	167300	168300			
Frequency (MHz)				163	163.5	164			
10	QPSK	1	1	19.92	19.90	19.92	20.9	0.0	
Channel				165300	167300	168300			
Frequency (MHz)				163.5	163.5	161.5			
5	QPSK	1	1	19.98	19.99	19.90	20.9	0.0	

n7_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 505000	Power Middle Ch. Freq. 507000	Power High Ch. Freq. 509000	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	QPSK	1	1	17.63	17.65	17.61			
50	QPSK	1	135	17.49	17.50	17.41	18.4	0.0	
50	QPSK	1	268	17.42	17.44	17.37			
50	QPSK	136	0	17.37	17.47	17.45	18.4	0.0	
50	QPSK	136	68	17.51	17.63	17.50	18.4	0.0	
50	QPSK	136	136	17.49	17.48	17.40	18.4	0.0	
50	QPSK	270	0	17.50	17.51	17.48	18.4	0.0	
50	16QAM	1	1	17.42	17.49	17.39	18.4	0.0	
50	64QAM	1	1	17.41	17.43	17.38	18.4	0.0	
50	256QAM	1	1	17.37	17.45	17.48	18.4	0.0	
Channel				504000	507000	510000			
Frequency (MHz)				2500	2535	2550			
40	QPSK	1	1	17.38	17.50	17.36	18.4	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2516	2535	2549			
30	QPSK	1	1	17.45	17.48	17.49	18.4	0.0	
Channel				502000	507000	511600			
Frequency (MHz)				2512.5	2535	2537.5			
25	QPSK	1	1	17.42	17.46	17.39	18.4	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2550			
20	QPSK	1	1	17.48	17.60	17.41	18.4	0.0	
Channel				501000	507000	512600			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	17.48	17.42	17.41	18.4	0.0	
Channel				500000	507000	513200			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	17.44	17.48	17.40	18.4	0.0	
Channel				500000	507000	513900			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	17.47	17.52	17.46	18.4	0.0	

n7_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 505000	Power Middle Ch. Freq. 507000	Power High Ch. Freq. 509000	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	QPSK	1	1	17.63	17.65	17.61			
50	QPSK	1	136	17.00	17.05	17.01	18.4	0.0	
50	QPSK	1	268	16.99	17.15	17.05			
50	QPSK	136	0	17.02	17.11	17.08	18.4	0.0	
50	QPSK	136	68	17.13	17.18	17.11	18.4	0.0	
50	QPSK	136	136	17.03	17.03	17.10	18.4	0.0	
50	QPSK	270	0	17.11	17.16	17.10	18.4	0.0	
50	16QAM	1	1	17.11	17.24	17.06	18.4	0.0	
50	64QAM	1	1	17.07	17.12	16.98	18.4	0.0	
50	256QAM	1	1	17.08	17.08	16.99	18.4	0.0	
Channel				504000	507000	510000			
Frequency (MHz)				2500	2535	2550			
40	QPSK	1	1	17.03	17.03	17.06	18.4	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2516	2535	2549			
30	QPSK	1	1	17.07	17.16	17.05	18.4	0.0	
Channel				502000	507000	511600			
Frequency (MHz)				2512.5	2535	2537.5			
25	QPSK	1	1	17.03	17.14	17.04	18.4	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2550			
20	QPSK	1	1	17.02	17.28	17.09	18.4	0.0	
Channel				501000	507000	512600			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	17.11	17.07	17.01	18.4	0.0	
Channel				500000	507000	513200			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	17.00	17.08	17.05	18.4	0.0	
Channel				500000	507000	513900			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	17.09	17.11	17.04	18.4	0.0	

n7_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									
Frequency (MHz)				2525	2535	2545			
50	QPSK	1	1	17.88	18.00	17.97	19.7	0.0	
50	QPSK	1	136	17.85	17.89	17.80			
50	QPSK	1	268	17.86	17.97	17.85			
50	QPSK	136	0	17.82	17.95	17.87	19.7	0.0	
50	QPSK	136	68	17.97	17.98	17.95	19.7	0.0	
50	QPSK	136	136	17.86	17.92	17.90	19.7	0.0	
50	QPSK	270	0	17.95	17.97	17.83	19.7	0.0	
50	16QAM	1	1	17.83	17.83	17.86	19.7	0.0	
50	64QAM	1	1	17.95	17.88	17.94	19.7	0.0	
50	256QAM	1	1	17.83	17.94	17.81	19.7	0.0	
Channel									
				50400	50700	51000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	17.84	17.95	17.80	19.7	0.0	
Channel									
				50300	50700	51100	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	17.90	17.89	17.92	19.7	0.0	
Channel									
				50500	50700	51150	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	17.95	17.97	17.82	19.7	0.0	
Channel									
				50200	50700	51200	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	17.82	17.85	17.82	19.7	0.0	
Channel									
				50100	50700	51300	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	17.84	17.86	17.92	19.7	0.0	
Channel									
				50000	50700	51400	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	17.80	17.92	17.80	19.7	0.0	
Channel									
				50050	50700	51800	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	17.89	17.86	17.92	19.7	0.0	

n12_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	1	24.15	24.23	24.20	25.4	0.0	
15	QPSK	1	40	24.16	24.22	24.17			
15	QPSK	1	77	24.15	24.23	24.18			
15	QPSK	36	0	23.81	23.88	23.83	25.4	0.0	
15	QPSK	36	22	23.81	23.89	23.78	25.4	0.0	
15	QPSK	36	43	23.83	23.88	23.78	24.4	1.0	
15	QPSK	75	0	23.75	23.83	23.78	24.4	1.0	
15	16QAM	1	1	23.92	24.01	23.98	24.4	1.0	
15	64QAM	1	1	22.50	22.58	22.51	22.9	2.5	
15	256QAM	1	1	21.15	21.25	21.16	21.4	4.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	140500	141500	142200	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	24.19	24.20	24.23	25.4	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	24.19	24.21	24.24	25.4	0.0	

n12_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)									
15	QPSK	1	1	706.5	707.5	708.5	23.4	0.0	
15	QPSK	1	40	22.30	22.40	22.31			
15	QPSK	1	77	22.34	22.32	22.31			
15	QPSK	36	0	22.31	22.33	22.23	23.4	0.0	
15	QPSK	36	22	22.31	22.38	22.35	23.4	0.0	
15	QPSK	36	43	22.36	22.35	22.30	23.4	0.0	
15	QPSK	75	0	22.35	22.36	22.33	23.4	0.0	
15	64QAM	1	1	22.30	22.35	22.29	23.4	0.0	
15	64QAM	1	1	22.35	22.32	22.30	22.9	0.5	
15	256QAM	1	1	21.17	21.17	21.17	21.4	2.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	140300	141500	142200	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	22.33	22.36	22.27	23.4	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	22.30	22.25	22.23	23.4	0.0	

n26_Ant 0									
BW [MHz]	Modulation	Channel	RB Offset	Power Low Ch. / Freq. 164800	Power Middle Ch. / Freq. 166300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)	
Channel				164	161.5	159			
20	QPSK	1	1	24.21	24.50	24.20	25.4	0.0	
20	QPSK	1	53	24.07	24.34	24.11			
20	QPSK	1	104	24.05	24.31	24.08			
20	QPSK	50	0	23.73	23.98	23.75	24.4	1.0	
20	QPSK	50	23	23.72	23.99	23.73	25.4	0.0	
20	QPSK	50	56	23.78	23.99	23.75	24.4	1.0	
20	QPSK	100	0	23.71	23.93	23.65	24.4	1.0	
20	16QAM	1	1	23.83	24.12	23.86	22.9	2.5	
20	64QAM	1	1	22.44	22.73	22.41	22.9	0.0	
20	256QAM	1	1	21.10	21.24	21.12	21.4	4.0	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	24.06	24.34	24.11	25.4	0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	24.07	24.34	24.06	25.4	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	24.06	24.34	24.06	25.4	0.0	

n26_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq 164800	Power High Ch. Freq 166300	Power High Ch. Freq 167800	Tune-up limit (dBm)	MPR (dB)	
Channel				164	161.5	159			
20	QPSK	1	1	20.03	20.05	20.01	20.9	0.0	
20	QPSK	1	53	19.99	19.93	19.97			
20	QPSK	1	104	19.98	20.02	19.98			
20	QPSK	50	0	19.88	20.02	19.86	20.9	0.0	
20	QPSK	50	26	20.01	20.03	20.00	20.9	0.0	
20	QPSK	50	56	19.95	19.92	19.96	20.9	0.0	
20	QPSK	100	0	20.00	20.01	19.98	20.9	0.0	
20	16QAM	1	1	19.98	19.94	19.92	20.9	0.0	
20	64QAM	1	1	20.00	19.90	19.97	20.9	0.0	
20	256QAM	1	1	19.98	20.02	19.91	20.9	0.0	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				164.3	161.5	161.5			
15	QPSK	1	1	19.93	19.98	19.90	20.9	0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				163.9	161.5	164.1			
10	QPSK	1	1	19.96	20.02	19.94	20.9	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				163.3	161.5	166.5			
5	QPSK	1	1	19.97	19.95	19.97	20.9	0.0	

n66_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq. 346500	Power Middle Ch./ Freq. 349000	Power High Ch./ Freq. 351500	Tune-up limit	MPR (dB)	
Channel				1732.5	1745	1757.5			
45	QPSK	1	1	17.53	17.55	17.51	18.9	0.0	
45	QPSK	1	122	17.50	17.58	17.58			
45	QPSK	1	243	17.50	17.57	17.48			
45	QPSK	120	0	17.47	17.82	17.53	18.9	0.0	
45	QPSK	120	60	17.61	17.83	17.60	18.9	0.0	
45	QPSK	120	122	17.58	17.53	17.49	18.9	0.0	
45	QPSK	243	0	17.60	17.81	17.58	18.9	0.0	
45	16QAM	1	1	17.54	17.51	17.47	18.9	0.0	
45	64QAM	1	1	17.53	17.55	17.47	18.9	0.0	
45	256QAM	1	1	17.51	17.49	17.59	18.9	0.0	
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	17.54	17.60	17.57	18.9	0.0	
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	17.47	17.57	17.50	18.9	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	17.53	17.59	17.52	18.9	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	17.52	17.55	17.48	18.9	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	17.46	17.60	17.49	18.9	0.0	
Channel				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	17.53	17.58	17.58	18.9	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	17.60	17.55	17.55	18.9	0.0	
Channel				342900	349000	355000	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	17.58	17.57	17.56	18.9	0.0	

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				344500	349000	351500			
Frequency (MHz)				1722.5	1745	1757.5			
45	QPSK	1	1	19.75	19.85	19.75			
45	QPSK	1	152	19.81	19.83	19.79	21.4	0.0	
45	QPSK	1	243	19.71	19.74	19.72			
45	QPSK	120	0	19.76	19.77	19.73	21.4	0.0	
45	QPSK	120	60	19.85	19.86	19.85	21.4	0.0	
45	QPSK	120	122	19.76	19.71	19.69	21.4	0.0	
45	QPSK	243	0	19.69	19.85	19.81			
45	16QAM	1	1	19.77	19.81	19.74	21.4	0.0	
45	16QAM	1	1	19.82	19.85	19.73	21.4	0.0	
45	256QAM	1	1	19.84	19.78	19.69	20.9	0.5	
Channel				349000	349000	352000			
Frequency (MHz)				1720	1745	1750	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	19.78	19.84	19.68	21.4	0.0	
Channel				349000	349000	352000			
Frequency (MHz)				1722.5	1745	1762.5	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	19.80	19.73	19.75	21.4	0.0	
Channel				349000	349000	353000			
Frequency (MHz)				1722	1745	1765	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	19.85	19.73	19.75	21.4	0.0	
Channel				344500	349000	353500			
Frequency (MHz)				1722.5	1745	1767.5	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	19.81	19.72	19.70	21.4	0.0	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	19.79	19.85	19.71	21.4	0.0	
Channel				343500	349000	354500			
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	19.79	19.79	19.72	21.4	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	19.71	19.74	19.78	21.4	0.0	
Channel				342500	349000	355500			
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	19.71	19.75	19.80	21.4	0.0	

n66_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				345500	349000	351500			
Frequency (MHz)				1722.5	1745	1757.5			
45	QPSK	1	1	17.75	17.75	17.75			
45	QPSK	1	122	17.66	17.63	17.66	18.7	0.0	
45	QPSK	1	243	17.63	17.67	17.59			
45	QPSK	120	0	17.59	17.72	17.56	18.7	0.0	
45	QPSK	120	60	17.71	17.73	17.70	18.7	0.0	
45	QPSK	120	122	17.64	17.61	17.69	18.7	0.0	
45	QPSK	243	0	17.70	17.71	17.68			
45	16QAM	1	1	17.60	17.66	17.56	18.7	0.0	
45	16QAM	1	1	17.65	17.62	17.66	18.7	0.0	
45	256QAM	1	1	17.70	17.66	17.56	18.7	0.0	
Channel				349000	349000	352000			
Frequency (MHz)				1720	1745	1750	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	17.69	17.59	17.62	18.7	0.0	
Channel				349000	349000	352000			
Frequency (MHz)				1722.5	1745	1762.5	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	17.70	17.71	17.65	18.7	0.0	
Channel				349000	349000	353000			
Frequency (MHz)				1722	1745	1765	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	17.58	17.65	17.64	18.7	0.0	
Channel				344500	349000	353500			
Frequency (MHz)				1722.5	1745	1767.5	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	17.58	17.61	17.58	18.7	0.0	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	17.69	17.62	17.56	18.7	0.0	
Channel				343500	349000	354500			
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	17.61	17.70	17.67	18.7	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	17.59	17.71	17.58	18.7	0.0	
Channel				342500	349000	355500			
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	17.60	17.61	17.64	18.7	0.0	

n38_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				516004	516000	516996	18.4	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	QPSK	1	1	17.48	17.50	17.47	18.4	0.0	
40	QPSK	1	53	17.38	17.34	17.34			
40	QPSK	1	104	17.32	17.46	17.44	18.4	0.0	
40	QPSK	50	0	17.41	17.36	17.44			
40	QPSK	50	28	17.47	17.45	17.45	18.4	0.0	
40	QPSK	50	56	17.38	17.38	17.44			
40	QPSK	100	0	17.45	17.47	17.43	18.4	0.0	
40	16QAM	1	1	17.37	17.36	17.33			
40	64QAM	1	1	17.33	17.42	17.32	18.4	0.0	
40	256QAM	1	1	17.34	17.44	17.42			
Channel				517002	519000	520998	18.4	MPR (dB)	
Frequency (MHz)				2605.01	2655	2654.99			
30	QPSK	1	1	17.44	17.40	17.37	18.4	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2592.02	2595	2607.43	18.4	0.0	
25	QPSK	1	1	17.37	17.37	17.44			
Channel				516000	519000	522000	18.4	MPR (dB)	
Frequency (MHz)				2590	2595	2610			
20	QPSK	1	1	17.32	17.39	17.30	18.4	0.0	
Channel				515502	519000	522500			
Frequency (MHz)				2577.51	2595	2612.49	18.4	0.0	
15	QPSK	1	1	17.45	17.42	17.41			
Channel				515004	519000	522996	18.4	MPR (dB)	
Frequency (MHz)				2615.02	2595	2614.98			
10	QPSK	1	1	17.41	17.35	17.38	18.4	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				516004	519000	519996	18.4	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	QPSK	1	1	16.83	16.85	16.81	18.4	0.0	
40	QPSK	1	53	16.74	16.78	16.77			
40	QPSK	1	104	16.75	16.70	16.71	18.4	0.0	
40	QPSK	50	0	16.68	16.69	16.78			
40	QPSK	50	28	16.81	16.83	16.80	18.4	0.0	
40	QPSK	50	56	16.69	16.78	16.75			
40	QPSK	100	0	16.80	16.81	16.78	18.4	0.0	
40	16QAM	1	1	16.69	16.81	16.75			
40	64QAM	1	1	16.76	16.74	16.73	18.4	0.0	
40	256QAM	1	1	16.77	16.69	16.67			
Channel				517002	519000	520998	18.4	MPR (dB)	
Frequency (MHz)				2605.01	2595	2604.99			
30	QPSK	1	1	16.67	16.75	16.78	18.4	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2592.02	2595	2607.43	18.4	0.0	
25	QPSK	1	1	16.66	16.73	16.65			
Channel				516000	519000	522000	18.4	MPR (dB)	
Frequency (MHz)				2590	2595	2610			
20	QPSK	1	1	16.68	16.72	16.79	18.4	0.0	
Channel				515502	519000	522500			
Frequency (MHz)				2577.51	2595	2612.49	18.4	0.0	
15	QPSK	1	1	16.80	16.81	16.79			
Channel				515004	519000	522996	18.4	MPR (dB)	
Frequency (MHz)				2615.02	2595	2614.98			
10	QPSK	1	1	16.80	16.68	16.77	18.4	0.0	

n38_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				516504	519500	519996	19.7	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	QPSK	1	1	17.97	17.98	17.95	19.7	0.0	
40	QPSK	1	53	17.84	17.86	17.92			
40	QPSK	1	104	17.91	17.92	17.87	19.7	0.0	
40	QPSK	50	0	17.83	17.94	17.92			
40	QPSK	50	28	17.95	17.97	17.93	19.7	0.0	
40	QPSK	50	56	17.81	17.95	17.84			
40	QPSK	100	0	17.93	17.95	17.91	19.7	0.0	
40	16QAM	1	1	17.85	17.89	17.91			
40	64QAM	1	1	17.84	17.93	17.78	19.7	0.0	
40	256QAM	1	1	17.89	17.93	17.80			
Channel				517002	519500	520998	19.7	MPR (dB)	
Frequency (MHz)				2605.01	2595	2604.99			
30	QPSK	1	1	17.92	17.96	17.85	19.7	0.0	
Channel				516504	519500	521496			
Frequency (MHz)				2592.02	2595	2607.43	19.7	0.0	
25	QPSK	1	1	17.94	17.95	17.90			
Channel				516000	519500	522000	19.7	MPR (dB)	
Frequency (MHz)				2590	2595	2610			
20	QPSK	1	1	17.90	17.93	17.78	19.7	0.0	
Channel				515502	519500	522500			
Frequency (MHz)				2577.51	2595	2612.49	19.7	0.0	
15	QPSK	1	1	17.93	17.84	17.86			
Channel				515004	519500	522996	19.7	MPR (dB)	
Frequency (MHz)				2615.02	2595	2614.98			
10	QPSK	1	1	17.92	17.85	17.88	19.7	0.0	

Part270_n77_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											
Frequency (MHz)				650000	650000	650000					
100	QPSK	1	1	21.08	21.10	21.07	22.2	0.0			
100	QPSK	1	137	20.96	20.97	20.96					
100	QPSK	1	271	20.98	20.94	20.96					
100	QPSK	135	0	21.00	21.04	21.03	22.2	0.0			
100	QPSK	135	69	21.07	21.08	21.05					
100	QPSK	135	138	21.03	20.93	21.01					
100	QPSK	270	0	21.05	21.07	21.03	22.2	0.0			
100	16QAM	1	1	21.01	21.04	20.94	22.2	0.0			
100	64QAM	1	1	20.81	20.70	20.87	21.2	1.0			
100	256QAM	1	1	19.24	19.34	19.28	20.2	2.0			
Channel											
Frequency (MHz)				649686	650000	662332	Tune-up limit (dBm)			MPR (dB)	
90	QPSK	1	1	20.96	20.94	21.00	22.2	0.0			
Channel											
Frequency (MHz)				659334	659000	659666	Tune-up limit (dBm)			MPR (dB)	
80	QPSK	1	1	21.05	21.01	20.99	22.2	0.0			
Channel											
Frequency (MHz)				659000	659000	659000	Tune-up limit (dBm)			MPR (dB)	
70	QPSK	1	1	21.04	20.95	20.94	22.2	0.0			
Channel											
Frequency (MHz)				648686	650000	663332	Tune-up limit (dBm)			MPR (dB)	
60	QPSK	1	1	20.92	21.05	20.93	22.2	0.0			
Channel											
Frequency (MHz)				648334	650000	663666	Tune-up limit (dBm)			MPR (dB)	
50	QPSK	1	1	21.05	21.01	20.95	22.2	0.0			
Channel											
Frequency (MHz)				647686	650000	663000	Tune-up limit (dBm)			MPR (dB)	
40	QPSK	1	1	21.00	21.00	20.99	22.2	0.0			
Channel											
Frequency (MHz)				647000	650000	663332	Tune-up limit (dBm)			MPR (dB)	
30	QPSK	1	1	21.03	21.01	20.94	22.2	0.0			
Channel											
Frequency (MHz)				647500	650000	664500	Tune-up limit (dBm)			MPR (dB)	
25	QPSK	1	1	20.93	21.05	20.91	22.2	0.0			
Channel											
Frequency (MHz)				647334	650000	664666	Tune-up limit (dBm)			MPR (dB)	
20	QPSK	1	1	21.04	21.07	20.99	22.2	0.0			
Channel											
Frequency (MHz)				647000	650000	665000	Tune-up limit (dBm)			MPR (dB)	
15	QPSK	1	1	21.03	20.96	20.94	22.2	0.0			
Channel											
Frequency (MHz)				647000	650000	665000	Tune-up limit (dBm)			MPR (dB)	
10	QPSK	1	1	20.98	21.00	20.96	22.2	0.0			

Part270_n77_Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1		16.85		17.9	0.0	
100	QPSK	1	137		16.80				
100	QPSK	1	271		16.69				
100	QPSK	135	0		16.78		17.9	0.0	
100	QPSK	135	69		16.83				
100	QPSK	135	138		16.69				
100	QPSK	270	0		16.81		17.9	0.0	
100	16QAM	1	1		16.71		17.9	0.0	
100	64QAM	1	1		16.73		17.9	0.0	
100	256QAM	1	1		16.73		17.9	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	16.74	16.72	16.74	17.9	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	16.72	16.69	16.69	17.9	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	16.79	16.78	16.69	17.9	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	16.70	16.75	16.78	17.9	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	16.68	16.72	16.80	17.9	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	16.73	16.78	16.71	17.9	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	16.73	16.70	16.68	17.9	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	16.80	16.79	16.78	17.9	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	16.73	16.73	16.78	17.9	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	16.78	16.79	16.79	17.9	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.69	16.73	16.72	17.9	0.0	

Part270_n77_Ant 7									
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)									
100	QPSK	1	1	16.83	16.86	16.81	17.9	0.0	
100	QPSK	1	137	16.72	16.79	16.69			
100	QPSK	1	271	16.67	16.78	16.76			
100	QPSK	135	0	16.72	16.73	16.74	17.9	0.0	
100	QPSK	135	69	16.81	16.85	16.80			
100	QPSK	135	138	16.74	16.79	16.70			
100	QPSK	270	0	16.80	16.83	16.78	17.9	0.0	
100	16QAM	1	1	16.77	16.75	16.72	17.9	0.0	
100	64QAM	1	1	16.66	16.84	16.67	17.9	0.0	
100	256QAM	1	1	16.69	16.71	16.77	17.9	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	16.79	16.79	16.70	17.9	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	16.77	16.74	16.70	17.9	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	16.72	16.70	16.68	17.9	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	16.72	16.74	16.77	17.9	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	16.74	16.73	16.79	17.9	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	16.69	16.71	16.66	17.9	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	16.68	16.70	16.65	17.9	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	16.73	16.70	16.74	17.9	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	16.78	16.82	16.71	17.9	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	16.80	16.72	16.77	17.9	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.72	16.72	16.72	17.9	0.0	

Part27Q_n78_Ant 3 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power / Freq. Low Ch.	Power / Freq. Middle Ch.	Power / Freq. High Ch.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1		18.25		19.2	0.0	
100	QPSK	1	137		18.09				
100	QPSK	1	271		18.11				
100	QPSK	135	0		18.22		19.2	0.0	
100	QPSK	135	69		18.23				
100	QPSK	135	138		18.09				
100	QPSK	270	0		18.21		19.2	0.0	
100	16QAM	1	1		18.21		19.2	0.0	
100	64QAM	1	1		18.17		19.2	0.0	
100	256QAM	1	1		18.22		19.2	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	63300	63332	63368	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
80	QPSK	1	1	3485	3489.98	3504.98	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
70	QPSK	1	1	63234	63332	63432	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
60	QPSK	1	1	3480	3489.98	3514.98	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
50	QPSK	1	1	18.15	18.15	18.15	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
40	QPSK	1	1	18.15	18.15	18.15	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
30	QPSK	1	1	18.15	18.15	18.15	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
25	QPSK	1	1	18.17	18.14	18.10	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
20	QPSK	1	1	18.12	18.14	18.20	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
15	QPSK	1	1	63080	63332	63616	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
10	QPSK	1	1	3457.5	3489.98	3542.49	Tune-up limit (dBm)	MPR	(dB)

Part27O_n78_Ant 3									
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									
Frequency (MHz)									
100	QPSK	1	1		18.20		19.2	0.0	
100	QPSK	1	137		18.12				
100	QPSK	1	271		18.03				
100	QPSK	135	0		18.14		19.2	0.0	
100	QPSK	135	69		18.18				
100	QPSK	135	138		18.06				
100	QPSK	270	0		18.17		19.2	0.0	
100	16QAM	1	1		18.03		19.2	0.0	
100	64QAM	1	1		18.09		19.2	0.0	
100	256QAM	1	1		18.05		19.2	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	64868	65000	65032	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
80	QPSK	1	1	3725.02	3750	3764.98	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
70	QPSK	1	1	64834	65000	65066	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
60	QPSK	1	1	3740.01	3750	3769.99	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
50	QPSK	1	1	18.03	18.09	18.09	19.2	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	64800	65000	65100	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
30	QPSK	1	1	3735	3750	3765	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
20	QPSK	1	1	64868	65000	65132	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
60	QPSK	1	1	18.16	18.10	18.15	19.2	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	64834	65000	65166	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
40	QPSK	1	1	3725.01	3750	3774.99	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
30	QPSK	1	1	18.12	18.10	18.15	19.2	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	64800	65000	65200	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
40	QPSK	1	1	3720	3750	3760	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
30	QPSK	1	1	18.14	18.13	18.13	19.2	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	64768	65000	65232	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
30	QPSK	1	1	3715.02	3750	3784.98	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
20	QPSK	1	1	18.15	18.06	18.15	19.2	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	64750	65000	65290	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
25	QPSK	1	1	3722.5	3750	3797.5	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
25	QPSK	1	1	18.12	18.04	18.05	19.2	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	64734	65000	65266	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
20	QPSK	1	1	3710.01	3750	3789.99	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
15	QPSK	1	1	18.17	18.15	18.16	19.2	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	64744	65000	65256	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
15	QPSK	1	1	3707.5	3750	3792.48	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
10	QPSK	1	1	64740	65000	65300	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
10	QPSK	1	1	18.04	18.15	18.14	19.2	0.0	

Part27O_n78_Ant 3 HPUE									
BW [MHz]	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		18.20		19.2	0.0	
100	QPSK	1	137		18.12				
100	QPSK	1	271		18.03				
100	QPSK	135	0		18.14		19.2	0.0	
100	QPSK	135	69		18.18				
100	QPSK	135	138		18.06				
100	QPSK	270	0		18.17		19.2	0.0	
100	16QAM	1	1		18.03		19.2	0.0	
100	64QAM	1	1		18.09		19.2	0.0	
100	256QAM	1	1		18.05		19.2	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	64868	65000	65032	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
80	QPSK	1	1	3725	3750	3765	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
70	QPSK	1	1	64800	65000	65100	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
60	QPSK	1	1	3720	3750	3765	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
50	QPSK	1	1	18.12	18.09	18.16	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
40	QPSK	1	1	18.14	18.13	18.13	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
30	QPSK	1	1	18.15	18.06	18.15	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
25	QPSK	1	1	18.12	18.04	18.05	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
20	QPSK	1	1	18.17	18.15	18.16	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
15	QPSK	1	1	18.16	18.04	18.16	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
10	QPSK	1	1	18.04	18.15	18.14	Tune-up limit (dBm)	MPR	(dB)

Part270_n78_Ant 7									
RW (MHz)	Modulation	RB Size	RE Offset	Pwr / Loss Ch	Pwr / Mod Ch	Pwr / Freq Ch	Pwr / Mod Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)				3950	3950	17.33			
100	QPSK	1	1	17.25	17.38	17.23		18.2	0.0
100	QPSK	1	137			17.33			
100	QPSK	1	271			17.33			
100	QPSK	135	0			17.32			
100	QPSK	135	68			17.38		18.2	0.0
100	QPSK	135	138			17.33			
100	QPSK	270	0			17.37		18.2	0.0
100	16QAM	1	1			17.31		18.2	0.0
100	16QAM	1	1			17.32		18.2	0.0
100	256QAM	1	1			17.31		18.2	0.0
Channel									
Frequency (MHz)				646866	650000	650332		Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	17.25	17.38	17.23		18.2	0.0
Channel				646834	650000	650666		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				374091	3750	3769.94		Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	17.36	17.31	17.24		18.2	0.0
Channel				650000	650000	651000		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	17.29	17.23	17.25		18.2	0.0
Channel									
Frequency (MHz)				646866	650000	651332		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3732.02	3740	3748.98		Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	17.27	17.31	17.28		18.2	0.0
Channel									
Frequency (MHz)				647434	650000	651666		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.01	3750	3774.98		Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	17.22	17.25	17.20		18.2	0.0
Channel									
Frequency (MHz)				648000	650000	652000		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3760		Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	17.35	17.24	17.35		18.2	0.0
Channel									
Frequency (MHz)				647468	650000	652232		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3748.98		Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	17.27	17.23	17.36		18.2	0.0
Channel									
Frequency (MHz)				647590	650000	652500		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3718.5	3760	3767.5		Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	17.26	17.30	17.24		18.2	0.0
Channel									
Frequency (MHz)				647434	650000	650666		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3758.98		Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	17.26	17.37	17.38		18.2	0.0
Channel									
Frequency (MHz)				647178	650000	652125		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3762.48		Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	17.29	17.24	17.30		18.2	0.0
Channel									
Frequency (MHz)				647600	650000	653000		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3765		Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	17.31	17.29	17.24		18.2	0.0

Part270_n78_Ant 7 HPUUE								
BW [MHz]	Modulation	RB Size	RB Offset	Power Level Ch / Freq	Power Level Ch / Freq	Power Level Ch / Freq	Turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				650000				
100	QPSK	1	1	17.26	17.40		18.2	0.0
100	QPSK	1	137		17.33			
100	QPSK	1	271		17.26			
100	QPSK	135	0		17.32			
100	QPSK	135	69		17.38			
100	QPSK	135	138				18.2	0.0
100	QPSK	270	0		17.37		18.2	0.0
100	16QAM	1	1		17.31		18.2	0.0
100	16QAM	1	1		17.32		18.2	0.0
100	256QAM	1	1		17.31		18.2	0.0
Channel				645968	650000	650032		
Frequency (MHz)				3745.074	3750	3754.48	Turn-up limit (dBm)	MPR (dB)
50	QPSK	1	1	17.26	17.28	17.28	18.2	0.0
Channel				645334	650000	650066		
Frequency (MHz)				3740.01	3750	3759.99	Turn-up limit (dBm)	MPR (dB)
80	QPSK	1	1	17.36	17.31	17.24	18.2	0.0
Channel				645000	650000	650000		
Frequency (MHz)				3735	3750	3765	Turn-up limit (dBm)	MPR (dB)
70	QPSK	1	1	17.29	17.23	17.25	18.2	0.0
Channel				645868	650000	651332		
Frequency (MHz)				3740.012	3750	3768.88	Turn-up limit (dBm)	MPR (dB)
60	QPSK	1	1	17.27	17.31	17.28	18.2	0.0
Channel				648334	650000	651666		
Frequency (MHz)				3725.01	3750	3774.99	Turn-up limit (dBm)	MPR (dB)
50	QPSK	1	1	17.23	17.25	17.30	18.2	0.0
Channel				648000	650000	652000		
Frequency (MHz)				3730	3750	3760	Turn-up limit (dBm)	MPR (dB)
40	QPSK	1	1	17.35	17.24	17.35	18.2	0.0
Channel				647680	650000	652320		
Frequency (MHz)				3715.002	3750	3784.98	Turn-up limit (dBm)	MPR (dB)
30	QPSK	1	1	17.27	17.23	17.30	18.2	0.0
Channel				647500	650000	652500		
Frequency (MHz)				3715	3750	3787.5	Turn-up limit (dBm)	MPR (dB)
25	QPSK	1	1	17.26	17.30	17.24	18.2	0.0
Channel				647334	650000	650666		
Frequency (MHz)				3710.01	3750	3769.99	Turn-up limit (dBm)	MPR (dB)
20	QPSK	1	1	17.28	17.37	17.35	18.2	0.0
Channel				647166	650000	652332		
Frequency (MHz)				3707.502	3750	3792.48	Turn-up limit (dBm)	MPR (dB)
15	QPSK	1	1	17.29	17.24	17.30	18.2	0.0
Channel				647000	650000	653000		
Frequency (MHz)				3705	3750	3795	Turn-up limit (dBm)	MPR (dB)
10	QPSK	1	1	17.31	17.29	17.24	18.2	0.0

Part27Q_n78_Ant 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Level On / Freq	Power Level Off / Freq	Power Level On / Freq	Power Level Off / Freq	Tune-up limit (dBm)	MPR (dB)
Channel									
100	QPSK	1	1	3499.49	633332				
100	QPSK	1	1	16.75					
100	QPSK	1	137	16.79				18.2	0.0
100	QPSK	1	271	16.75					
100	QPSK	135	0	16.75					
100	QPSK	135	69	16.76				18.2	0.0
100	QPSK	135	138	16.82					
100	QPSK	270	0	16.85				18.2	0.0
100	16QAM	1	1	16.72				18.2	0.0
100	64QAM	1	1	16.72				18.2	0.0
100	256QAM	1	1	16.75				18.2	0.0
Channel									
90	Frequency (MHz)	1	1	633000	633332	633666		Tune-up limit (dBm)	MPR (dB)
				3265	3499.49	3504.99			
90	QPSK	1	1	16.73	16.78	16.77		18.2	0.0
Channel									
80	Frequency (MHz)	1	1	630000	633332	635000		Tune-up limit (dBm)	MPR (dB)
				3490.02	3499.98	3510			
80	QPSK	1	1	16.71	16.74	16.84		18.2	0.0
Channel									
70	Frequency (MHz)	1	1	630250	633332	635375		Tune-up limit (dBm)	MPR (dB)
				3488.01	3499.98	3514.98			
70	QPSK	1	1	16.76	16.81	16.79		18.2	0.0
Channel									
60	Frequency (MHz)	1	1	632000	633332	634666		Tune-up limit (dBm)	MPR (dB)
				3490	3499.98	3519.99			
60	QPSK	1	1	16.77	16.84	16.83		18.2	0.0
Channel									
50	Frequency (MHz)	1	1	631668	633332	635000		Tune-up limit (dBm)	MPR (dB)
				3487.02	3499.98	3505			
50	QPSK	1	1	16.75	16.81	16.82		18.2	0.0
Channel									
40	Frequency (MHz)	1	1	631334	633332	635332		Tune-up limit (dBm)	MPR (dB)
				3470.01	3499.98	3529.98			
40	QPSK	1	1	16.76	16.81	16.81		18.2	0.0
Channel									
30	Frequency (MHz)	1	1	631000	633332	635666		Tune-up limit (dBm)	MPR (dB)
				3465	3499.98	3534.99			
30	QPSK	1	1	16.78	16.77	16.79		18.2	0.0
Channel									
20	Frequency (MHz)	1	1	630874	633332	635932		Tune-up limit (dBm)	MPR (dB)
				3462.81	3499.98	3537.41			
20	QPSK	1	1	16.79	16.85	16.73		18.2	0.0
Channel									
10	Frequency (MHz)	1	1	630668	633332	636000		Tune-up limit (dBm)	MPR (dB)
				3460.02	3499.98	3540			
10	QPSK	1	1	16.71	16.82	16.81		18.2	0.0
Channel									
5	Frequency (MHz)	1	1	630500	633332	636166		Tune-up limit (dBm)	MPR (dB)
				3457.5	3499.98	3542.49			
5	QPSK	1	1	16.84	16.74	16.84		18.2	0.0
Channel									
0	Frequency (MHz)	1	1	630332	633332	636332		Tune-up limit (dBm)	MPR (dB)
				3453.01	3499.98	3544.98			
0	QPSK	1	1	16.73	16.74	16.77		18.2	0.0

Part27Q_n78_Ant 6 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power / Freq Ch. / Freq	Power / Freq Ch. / Freq	Power / Freq Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1		16.78		18.2	0.0	
100	QPSK	1	137		16.79				
100	QPSK	1	271		16.75				
100	QPSK	135	0		16.76		18.2	0.0	
100	QPSK	135	69		16.86				
100	QPSK	135	138		16.82				
100	QPSK	270	0		16.85		18.2	0.0	0.0
100	16QAM	1	1		16.77		18.2	0.0	0.0
100	64QAM	1	1		16.72		18.2	0.0	0.0
100	256QAM	1	1		16.75		18.2	0.0	0.0
Channel									
Frequency (MHz)									
90	QPSK	1	1	63300	63332	63368	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
80	QPSK	1	1	3485	3489.98	3504.98	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
70	QPSK	1	1	63234	63332	63432	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
60	QPSK	1	1	3480	3489.98	3514.98	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
50	QPSK	1	1	16.77	16.84	16.81	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
40	QPSK	1	1	63184	63332	63532	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
30	QPSK	1	1	3470.01	3489.98	3529.98	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
25	QPSK	1	1	16.78	16.85	16.83	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
20	QPSK	1	1	16.71	16.82	16.81	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
15	QPSK	1	1	63080	63332	63616	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
10	QPSK	1	1	3457.5	3489.98	3542.49	Tune-up limit (dBm)	MPR	(dB)

Part27O_n78_Ant 6									
BW [MHz]	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		16.70		18.2	0.0	
100	QPSK	1	137		16.64				
100	QPSK	1	271		16.60				
100	QPSK	135	5		16.63		18.2	0.0	0.0
100	QPSK	135	69		16.68				
100	QPSK	135	138		16.56				
100	QPSK	270	0		16.67		18.2	0.0	0.0
100	16QAM	1	1		16.63		18.2	0.0	0.0
100	64QAM	1	1		16.60		18.2	0.0	0.0
100	256QAM	1	1		16.55		18.2	0.0	0.0
Channel									
Frequency (MHz)									
90	QPSK	1	1	64668	65000	65332	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
80	QPSK	1	1	3725	3750	3765	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
70	QPSK	1	1	64600	65000	65100	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
60	QPSK	1	1	3725	3750	3765	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
50	QPSK	1	1	16.58	16.61	16.63	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
40	QPSK	1	1	64600	65000	65100	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
30	QPSK	1	1	3725	3750	3765	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
25	QPSK	1	1	16.54	16.66	16.53	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
20	QPSK	1	1	64700	65000	65200	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
15	QPSK	1	1	37123	3750	37673	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.63	16.55	16.60	18.2	0.0	0.0
Channel									
Frequency (MHz)									
5	QPSK	1	1	64734	65000	65266	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
0	QPSK	1	1	37010	3750	37699	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
20	QPSK	1	1	16.66	16.66	16.63	18.2	0.0	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	64718	65000	65252	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
10	QPSK	1	1	37075	3750	37928	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
5	QPSK	1	1	16.67	16.57	16.62	18.2	0.0	0.0
Channel									
Frequency (MHz)									
0	QPSK	1	1	64700	65000	65300	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
0	QPSK	1	1	16.97	15.53	15.62	18.2	0.0	0.0

Part27O_n78_Ant 6 HPUE									
BW [MHz]	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		16.70		18.2	0.0	
100	QPSK	1	137		16.74				
100	QPSK	1	271		16.60				
100	QPSK	135	0		16.63		18.2	0.0	
100	QPSK	135	69		16.68				
100	QPSK	135	138		16.56				
100	QPSK	270	0		16.67		18.2	0.0	0.0
100	16QAM	1	1		16.63		18.2	0.0	0.0
100	64QAM	1	1		16.60		18.2	0.0	0.0
100	256QAM	1	1		16.55		18.2	0.0	0.0
Channel									
Frequency (MHz)									
90	QPSK	1	1	64668	65000	650332	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
80	QPSK	1	1	3725	3750	3764.66	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
70	QPSK	1	1	64600	65000	650500	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
60	QPSK	1	1	3725	3750	3765	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
50	QPSK	1	1	16.58	16.61	16.63	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
40	QPSK	1	1	64600	65000	651332	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
30	QPSK	1	1	3725	3750	3764.99	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
25	QPSK	1	1	16.61	16.53	16.58	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
20	QPSK	1	1	64600	65000	652000	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
15	QPSK	1	1	16.66	16.65	16.67	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
10	QPSK	1	1	64600	65000	652332	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
5	QPSK	1	1	3725.50	3750	3764.88	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
3	QPSK	1	1	16.54	16.66	16.53	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
2	QPSK	1	1	64700	65000	652500	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
1	QPSK	1	1	3717.5	3750	3767.5	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
0.5	QPSK	1	1	16.63	16.55	16.60	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
0.25	QPSK	1	1	64734	65000	652600	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
0.125	QPSK	1	1	3761	3750	3769.99	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
0.0625	QPSK	1	1	16.66	16.66	16.63	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
0.03125	QPSK	1	1	64716	65000	652650	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
0.015625	QPSK	1	1	3767.52	3750	3762.48	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
0.0078125	QPSK	1	1	16.67	16.57	16.62	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
0.00390625	QPSK	1	1	64700	65000	653000	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
0.001953125	QPSK	1	1	16.67	16.53	16.62	Tune-up limit (dBm)	MPR	(dB)

n2_Ant 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 376000	Power Middle Ch. Freq. 376000	Power High Ch. Freq. 376000	
Channel				376000	376000	376000	
Frequency (MHz)				1870	1880	1890	
40	QPSK	1	1	23.36	23.39	23.38	
40	QPSK	1	168	23.31	23.38	23.36	24.2
40	QPSK	1	214	23.14	23.23	23.13	
40	QPSK	108	0	22.73	22.83	22.75	23.2
40	QPSK	108	54	23.24	23.32	23.24	24.2
40	QPSK	108	108	22.75	22.81	22.72	
40	QPSK	216	0	22.74	22.81	22.72	23.2
40	16QAM	1	1	22.90	22.96	22.91	23.2
40	64QAM	1	1	21.38	21.48	21.42	21.7
40	256QAM	1	1	19.97	20.06	20.00	20.2
Channel				375000	376000	376000	
Frequency (MHz)				1867.5	1880	1892.5	
35	QPSK	1	1	23.25	23.32	23.23	24.2
Channel				375000	376000	376000	
Frequency (MHz)				1865	1880	1895	
30	QPSK	1	1	23.26	23.33	23.24	24.2
Channel				375000	376000	375000	
Frequency (MHz)				1862.5	1880	1897.5	
28	QPSK	1	1	23.23	23.30 <td>23.22</td> <td>24.2</td>	23.22	24.2
Channel				375000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	1	23.25	23.30	23.21	24.2
Channel				371000	376000	381000	
Frequency (MHz)				1857.5	1880	1900	
15	QPSK	1	1	23.26	23.31	23.21	24.2
Channel				371000	376000	381000	
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	1	23.25	23.30	23.20	24.2
Channel				370500	376000	381500	
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	1	23.21	23.32	23.22	24.2

Reduced Power Mode for ECI 10							
n2_Ant 3							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 376000	Power Middle Ch. Freq. 376000	Power High Ch. Freq. 376000	
Channel							
Frequency (MHz)				1870	1880	1890	
40	QPSK	1	1	17.13	17.15	17.11	
40	QPSK	1	108	17.06	16.98	17.02	17.7
40	QPSK	1	214	17.03	17.04	17.03	
40	QPSK	108	0	16.97	17.08	16.95	17.7
40	QPSK	108	54	17.11	17.13	17.10	17.7
40	QPSK	108	108	17.10	16.99	17.03	
40	QPSK	216	0	17.10	17.11	17.08	17.7
40	16QAM	1	1	17.06	16.98	17.00	17.7
40	64QAM	1	1	17.04	17.04	17.05	17.7
40	256QAM	1	1	17.10	16.99	17.03	17.7
Channel				375000	376000	375000	
Frequency (MHz)				1867.5	1880	1892.5	
35	QPSK	1	1	17.01	17.08	16.99	17.7
Channel				373000	376000	376000	
Frequency (MHz)				1865	1880	1895	
30	QPSK	1	1	17.05	17.08	17.00	17.7
Channel				372500	376000	375000	
Frequency (MHz)				1862.5	1880	1897.5	
25	QPSK	1	1	17.08	17.07	17.06	17.7
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	1	16.99	17.03	17.00	17.7
Channel				371500	376000	381500	
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	1	17.00	17.05	17.00	17.7
Channel				371000	376000	381000	
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	1	16.97	17.08	16.96	17.7
Channel				370500	376000	381500	
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	1	16.99	17.03	17.02	17.7

n5_Ant 0							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 366800	Power Middle Ch. Freq. 367500	Power High Ch. Freq. 367800	
Channel							
Frequency (MHz)				834	836.5	839	
20	QPSK	1	1	24.45	24.49	24.45	
20	QPSK	1	53	24.37	24.41	24.36	25.4
20	QPSK	1	104	24.34	24.38	24.31	
20	QPSK	50	0	23.90	23.93	23.84	24.4
20	QPSK	50	28	24.45	24.49	24.43	25.4
20	QPSK	50	56	23.93	23.95	23.90	24.4
20	QPSK	100	0	23.88	23.90	23.87	24.4
20	16QAM	1	1	24.09	24.16	24.13	24.4
20	64QAM	1	1	22.62	22.68	22.61	22.9
20	256QAM	1	1	21.22	21.29	21.27	21.4
Channel				166300	167300	168300	
Frequency (MHz)				831.5	836.5	841.5	
15	QPSK	1	1	24.42	24.39	24.41	25.4
Channel				165800	167300	168800	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	1	24.42	24.41	24.44	25.4
Channel				165300	167300	169300	
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	1	24.42	24.41	24.42	25.4

n5_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 166800	Power Middle Ch. Freq. 167300	Power High Ch. Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel				834	836.5	839	22.4	0.0
Frequency (MHz)				21.51	21.53	21.55		
20	QPSK	1	1	21.44	21.50	21.46		
20	QPSK	1	131	21.35	21.44	21.37		
20	QPSK	64	0	21.37	21.40	21.32		
20	QPSK	64	32	21.50	21.51	21.49	22.4	0.0
20	QPSK	64	66	21.37	21.38	21.35	22.4	0.0
20	QPSK	128	0	21.47	21.50	21.45	22.4	0.0
20	16QAM	1	1	21.40	21.45	21.35	22.4	0.0
20	64QAM	1	1	21.36	21.38	21.36	22.4	0.0
20	256QAM	1	1	21.24	21.30	21.29	21.4	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	21.49	21.42	21.38	22.4	0.0
Channel				168300	167300	166300	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	21.45	21.47	21.41	22.4	0.0
Channel				168300	167300	166300	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	21.43	21.44	21.43	22.4	0.0

n7_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 505000	Power Middle Ch. Freq. 507000	Power High Ch. Freq. 509000	Tune-up limit (dBm)	MPR (dB)
Channel				2525	2535	2545	25.4	0.0
Frequency (MHz)				24.43	24.54	24.43		
50	QPSK	1	1	24.41	24.50	24.44		
50	QPSK	1	288	24.35	24.44	24.38		
50	QPSK	135	0	23.93	23.98	23.89		
50	QPSK	135	68	24.44	24.52	24.44	25.4	0.0
50	QPSK	135	135	23.96	24.01	23.96	24.4	1.0
50	QPSK	270	0	23.88	23.91	23.85	24.4	1.0
50	16QAM	1	1	24.07	24.13	24.06	24.4	1.0
50	64QAM	1	1	22.86	22.73	22.67	22.9	2.5
50	256QAM	1	1	21.20	21.30	21.20	21.4	4.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	24.39	24.45	24.37	25.4	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	24.38	24.44	24.38	25.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	24.35	24.45	24.40	25.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	24.39	24.45	24.38	25.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	24.39	24.46	24.38	25.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	24.39	24.46	24.37	25.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	24.35	24.46	24.38	25.4	0.0

n7_Ant 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 505000	Power Middle Ch. Freq. 507000	Power High Ch. Freq. 509000	Tune-up limit (dBm)	MPR (dB)
Channel				2525	2535	2545	16.4	0.0
Frequency (MHz)				15.04	15.15	15.06		
50	QPSK	1	1	15.15	15.20	15.13		
50	QPSK	1	135	14.94	15.10	15.10		
50	QPSK	1	288	14.98	15.10	15.10		
50	QPSK	135	0	15.11	15.06	15.02	16.4	0.0
50	QPSK	135	68	15.13	15.18	15.11	16.4	0.0
50	QPSK	135	135	15.12	15.08	15.05	16.4	0.0
50	QPSK	270	0	15.11	15.16	15.10	16.4	0.0
50	16QAM	1	1	15.10	15.11	15.02	16.4	0.0
50	64QAM	1	1	15.11	15.15	15.01	16.4	0.0
50	256QAM	1	1	15.08	15.10	15.10	16.4	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	15.07	15.08	15.08	16.4	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	15.05	15.10	15.00	16.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	15.07	15.14	15.01	16.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	15.03	15.14	15.07	16.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	15.09	15.04	14.98	16.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	15.06	15.15	15.04	16.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	15.07	15.07	15.09	16.4	0.0

n7_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 505000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 509000	Tune-up limit (dBm)	MPR (dB)	
Channel				2525	2535	2545			
Frequency (MHz)				18.48	18.50	18.49			
50	QPSK	1	1	18.48	18.50	18.49	20.2	0.0	
50	QPSK	1	135	18.45	18.38	18.37			
50	QPSK	1	268	18.33	18.46	18.34			
50	QPSK	135	0	18.35	18.35	18.33	20.2	0.0	
50	QPSK	135	68	18.47	18.48	18.45	20.2	0.0	
50	QPSK	135	135	18.40	18.35	18.33	20.2	0.0	
50	QPSK	270	0	18.45	18.46	18.43			
50	16QAM	1	1	18.41	18.37	18.38	20.2	0.0	
50	64QAM	1	1	18.32	18.33	18.30	20.2	0.0	
50	256QAM	1	1	18.15	18.22	18.19	19.7	0.0	
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	18.33	18.45	18.39	20.2	0.0	
Channel				502000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	18.39	18.45	18.40	20.2	0.0	
Channel				502000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2537.5			
25	QPSK	1	1	18.34	18.44	18.41	20.2	0.0	
Channel				500000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2560			
20	QPSK	1	1	18.34	18.42	18.43	20.2	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	18.42	18.38	18.33	20.2	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2495	2495	2495			
10	QPSK	1	1	18.43	18.47	18.33	20.2	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	18.53	18.55	18.42	20.2	0.0	

n12_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 141300	Power Middle Ch. / Freq. 141500	Power High Ch. / Freq. 141700	Tune-up limit (dBm)	MPR (dB)	
Channel				706.5	707.5	708.5			
Frequency (MHz)				24.25	24.33	24.20			
15	QPSK	1	1	24.25	24.33	24.20	25.4	0.0	
15	QPSK	1	40	24.16	24.22	24.17			
15	QPSK	1	77	24.15	24.23	24.18			
15	QPSK	36	0	23.81	23.88	23.83	24.4	1.0	
15	QPSK	36	22	24.24	24.29	24.19	25.4	0.0	
15	QPSK	36	43	23.83	23.89	23.78	24.4	1.0	
15	QPSK	75	0	23.75	23.83	23.78			
15	16QAM	1	1	23.92	24.01	23.95	24.4	1.0	
15	64QAM	1	1	22.50	22.58	22.51	22.9	2.5	
15	256QAM	1	1	21.15	21.25	21.16	21.4	4.0	
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	24.19	24.20	24.23	25.4	0.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	24.19	24.21	24.24	25.4	0.0	

n12_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 141300	Power Middle Ch. / Freq. 141500	Power High Ch. / Freq. 141700	Tune-up limit (dBm)	MPR (dB)	
Channel				706.5	707.5	708.5			
Frequency (MHz)				24.25	24.39	24.27			
15	QPSK	1	1	24.28	24.39	24.27	25.4	0.0	
15	QPSK	1	40	24.12	24.13	24.18			
15	QPSK	1	77	24.15	24.17	24.14			
15	QPSK	36	0	23.80	23.81	23.82	24.4	1.0	
15	QPSK	36	22	24.21	24.23	24.22	25.4	0.0	
15	QPSK	36	43	23.83	23.79	23.83	24.4	1.0	
15	QPSK	75	0	23.77	23.78	23.73			
15	16QAM	1	1	23.93	23.94	23.92	24.4	1.0	
15	64QAM	1	1	22.52	22.52	22.49	22.9	2.5	
15	256QAM	1	1	21.17	21.17	21.17	21.4	4.0	
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	24.10	24.12	24.18	25.4	0.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	24.09	24.12	24.17	25.4	0.0	

n26_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. F.Freq. 164800	Power Middle Ch. F.Freq. 166300	Power High Ch. F.Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel				824	831.5	839	25.4	0.0
Frequency (MHz)				24.21	24.50	24.70		
20	QPSK	1	1	24.07	24.34	24.11		
20	QPSK	1	53	24.05	24.31	24.08		
20	QPSK	50	0	23.73	23.98	23.75		
20	QPSK	50	28	24.12	24.39	24.13	25.4	0.0
20	QPSK	50	56	23.78	23.99	23.76	24.4	1.0
20	QPSK	100	0	23.71	23.93	23.65	24.4	1.0
20	16QAM	1	1	23.83	24.12	23.86		
20	64QAM	1	1	22.44	22.73	22.41		
20	256QAM	1	1	21.10	21.24	21.12		
Channel				164300	166300	168300		
Frequency (MHz)				821.5	831.5	841.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	24.06	24.34	24.11	25.4	0.0
Channel				165800	166300	166800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	831.5	844	25.4	0.0
10	QPSK	1	1	24.07	24.34	24.06		
Channel				163300	166300	169300		
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.06	24.34	24.08		

n26_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. F.Freq. 164800	Power Middle Ch. F.Freq. 166300	Power High Ch. F.Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel				824	831.5	839	22.4	0.0
Frequency (MHz)				21.53	21.55	21.51		
20	QPSK	1	1	21.50	21.50	21.47		
20	QPSK	1	53	21.37	21.52	21.37		
20	QPSK	50	0	21.46	21.40	21.44		
20	QPSK	50	28	21.51	21.53	21.50	22.4	0.0
20	QPSK	50	56	21.45	21.49	21.38	22.4	0.0
20	QPSK	100	0	21.50	21.51	21.48	22.4	0.0
20	16QAM	1	1	21.41	21.50	21.37		
20	64QAM	1	1	21.49	21.44	21.35		
20	256QAM	1	1	21.20	21.38	21.26		
Channel				164300	166300	168300		
Frequency (MHz)				821.5	831.5	841.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	21.42	21.45	21.46	22.4	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844	22.4	0.0
10	QPSK	1	1	21.40	21.42	21.45		
Channel				163300	166300	169300		
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.49	21.48	21.48		

n66_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. F.Freq. 345600	Power Middle Ch. F.Freq. 349000	Power High Ch. F.Freq. 351500	Tune-up limit (dBm)	MPR (dB)
Channel				1732.5	1745	1757.5	25.4	0.0
Frequency (MHz)				24.05	24.13	24.09		
45	QPSK	1	1	24.02	24.10	24.01		
45	QPSK	1	122	24.04	24.10	24.01		
45	QPSK	1	243	23.52	23.58	23.53		
45	QPSK	120	0	24.02	24.12	24.06	25.4	0.0
45	QPSK	120	60	23.47	23.54	23.44	24.4	1.0
45	QPSK	120	122	23.48	23.56	23.47		
45	QPSK	243	0	23.70	23.78	23.68		
45	16QAM	1	1	22.29	22.39	22.33		
45	64QAM	1	1	20.89	20.94	20.85		
45	256QAM	1	1	19.50	19.50	19.50	21.4	4.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760	25.4	0.0
40	QPSK	1	1	23.96	24.05	23.91		
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
Channel				1727.5	1745	1762.5		
35	QPSK	1	1	23.97	24.05	23.91	25.4	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765	25.4	0.0
30	QPSK	1	1	23.96	24.02	23.95		
Channel				344500	349000	353500		
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.94	24.00	23.92	25.4	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	25.4	0.0
20	QPSK	1	1	23.97	24.05	23.91		
Channel				345000	349000	354000		
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.92	24.05	23.95	25.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	25.4	0.0
10	QPSK	1	1	23.98	24.04	23.91		
Channel				342500	349000	355500		
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.96	24.05	23.95		

n66_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. F Freq 346500	Power Middle Ch. F Freq 349000	Power High Ch. F Freq 351500	Tune-up limit (dBm)	MPR (dB)	
Channel				1732.5	1745	1757.5			
Frequency (MHz)				1732.5	1745	1757.5			
45	QPSK	1	1	15.80	15.88	15.95	17.4	0.0	
45	QPSK	1	122	15.70	15.72	15.74			
45	QPSK	1	243	15.74	15.84	15.79			
45	QPSK	120	0	15.74	15.75	15.81	17.4	0.0	
45	QPSK	120	60	15.85	15.88	15.83	17.4	0.0	
45	QPSK	120	122	15.83	15.80	15.82			
45	QPSK	243	0	15.81	15.83	15.80	17.4	0.0	
45	16QAM	1	1	15.77	15.72	15.74	17.4	0.0	
45	64QAM	1	1	15.76	15.76	15.77	17.4	0.0	
45	256QAM	1	1	15.84	15.74	15.70	17.4	0.0	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	15.83	15.76	15.76	17.4	0.0	
Channel				345500	349000	352500			
Frequency (MHz)				1727.5	1745	1762.5	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	15.78	15.81	15.82	17.4	0.0	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	15.77	15.81	15.71	17.4	0.0	
Channel				344500	349000	353500			
Frequency (MHz)				1722.5	1745	1767.5	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	15.74	15.80	15.82	17.4	0.0	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	15.75	15.81	15.74	17.4	0.0	
Channel				343500	349000	354500			
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	15.71	15.84	15.71	17.4	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	15.75	15.72	15.74	17.4	0.0	
Channel				342500	349000	355500			
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	15.74	15.71	15.79	17.4	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. F Freq 346500	Power High Ch. F Freq 349000	Power High Ch. F Freq 351500	Tune-up limit (dBm)	MPR (dB)	
Channel				1732.5	1745	1757.5			
Frequency (MHz)				1732.5	1745	1757.5			
45	QPSK	1	1	18.15	18.18	18.10	19.2	0.0	
45	QPSK	1	122	18.15	18.18	18.08			
45	QPSK	1	243	18.04	18.10	18.10			
45	QPSK	120	0	18.06	18.16	18.10	19.2	0.0	
45	QPSK	120	60	18.17	18.23	18.15	19.2	0.0	
45	QPSK	120	122	18.02	18.20	18.00			
45	QPSK	243	0	18.15	18.20	18.13	19.2	0.0	
45	16QAM	1	1	18.03	18.12	18.11	19.2	0.0	
45	64QAM	1	1	18.07	18.11	18.12	19.2	0.0	
45	256QAM	1	1	18.03	18.06	18.10	18.7	0.5	
Channel				345000	349000	352000			
Frequency (MHz)				1730	1745	1760	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	18.13	18.14	18.12	19.2	0.0	
Channel				345500	349000	352500			
Frequency (MHz)				1727.5	1745	1762.5	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	18.02	18.15	18.11	19.2	0.0	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	18.04	18.09	18.12	19.2	0.0	
Channel				344500	349000	353500			
Frequency (MHz)				1722.5	1745	1767.5	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	18.08	18.15	18.10	19.2	0.0	
Channel				344000	349000	353000			
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	18.07	18.18	18.08	19.2	0.0	
Channel				343500	349000	354500			
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	18.02	18.15	18.04	19.2	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	18.05	18.14	18.14	19.2	0.0	
Channel				342500	349000	355500			
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	18.10	18.16	18.00	19.2	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				516004	516000	516996	25.4	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	QPSK	1	1	24.40	24.47	24.43	25.4	0.0	
40	QPSK	1	53	24.24	24.31	24.25			
40	QPSK	1	104	24.29	24.37	24.28	24.4	1.0	
40	QPSK	50	0	23.27	23.35	23.28			
40	QPSK	50	28	23.31	24.30	23.31	25.4	0.0	
40	QPSK	50	56	23.27	23.35	23.26	24.4	1.0	
40	QPSK	100	0	23.29	23.36	23.29			
40	16QAM	1	1	23.11	23.17	23.12	24.4	1.0	
40	64QAM	1	1	22.51	22.60	22.52	22.9	2.5	
40	256QAM	1	1	21.05	21.11	21.01	21.4	4.0	
Channel				517002	516000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2605.01	2595	2604.99			
30	QPSK	1	1	24.18	24.22	24.17	25.4	0.0	
Channel				516504	516000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2592.52	2595	2597.48			
25	QPSK	1	1	24.17	24.21	24.16	25.4	0.0	
Channel				516000	516000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2590	2595	2610			
20	QPSK	1	1	24.14	24.21	24.16	25.4	0.0	
Channel				515502	516000	522500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	24.16	24.22	24.20	25.4	0.0	
Channel				515004	516000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2415.03	2595	2614.97			
10	QPSK	1	1	24.16	24.24	24.15	25.4	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				516004	516000	516996	16.4	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	QPSK	1	1	14.83	14.85	14.81	16.4	0.0	
40	QPSK	1	53	14.72	14.75	14.66			
40	QPSK	1	104	14.76	14.71	14.76	16.4	0.0	
40	QPSK	50	0	14.73	14.81	14.70			
40	QPSK	50	28	14.81	14.83	14.80	16.4	0.0	
40	QPSK	50	56	14.80	14.69	14.66	16.4	0.0	
40	QPSK	100	0	14.80	14.81	14.78			
40	16QAM	1	1	14.76	14.75	14.72	16.4	0.0	
40	64QAM	1	1	14.68	14.75	14.77	16.4	0.0	
40	256QAM	1	1	14.76	14.73	14.67	16.4	0.0	
Channel				517002	516000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2605.01	2595	2604.99			
30	QPSK	1	1	14.75	14.75	14.68	16.4	0.0	
Channel				516504	516000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2592.52	2595	2597.48			
25	QPSK	1	1	14.70	14.65	14.73	16.4	0.0	
Channel				516000	516000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2590	2595	2610			
20	QPSK	1	1	14.80	14.76	14.75	16.4	0.0	
Channel				515502	516000	522500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	14.70	14.69	14.72	16.4	0.0	
Channel				515004	516000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2415.03	2595	2614.98			
10	QPSK	1	1	14.69	14.73	14.67	16.4	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				516504	516000	516996	19.7	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	QPSK	1	1	17.87	17.88	17.85	19.7	0.0	
40	QPSK	1	53	17.82	17.91	17.82			
40	QPSK	1	104	17.87	17.91	17.80	19.7	0.0	
40	QPSK	50	0	17.83	17.93	17.84			
40	QPSK	50	28	17.95	17.97	17.93	19.7	0.0	
40	QPSK	50	56	17.80	17.95	17.80	19.7	0.0	
40	QPSK	100	0	17.83	17.85	17.81			
40	16QAM	1	1	17.88	17.85	17.88	19.7	0.0	
40	64QAM	1	1	17.84	17.95	17.88	19.7	0.0	
40	256QAM	1	1	17.91	17.93	17.88	19.7	0.0	
Channel				517002	516000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2605.01	2595	2604.99			
30	QPSK	1	1	17.92	17.82	17.86	19.7	0.0	
Channel				516504	516000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2592.52	2595	2597.48			
25	QPSK	1	1	17.83	17.85	17.80	19.7	0.0	
Channel				516000	516000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2590	2595	2610			
20	QPSK	1	1	17.83	17.82	17.82	19.7	0.0	
Channel				515502	516000	522500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	17.83	17.89	17.88	19.7	0.0	
Channel				515004	516000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2415.03	2595	2614.98			
10	QPSK	1	1	17.86	17.90	17.88	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)									
100	QPSK	1	1	16.58	16.50	16.57	17.7	0.0	
100	QPSK	1	137	16.50	16.48	16.42			
100	QPSK	1	271	16.49	16.45	16.51			
100	QPSK	135	0	16.54	16.52	16.51	17.7	0.0	
100	QPSK	135	69	16.58	16.58	16.55			
100	QPSK	135	138	16.50	16.46	16.52			
100	QPSK	270	0	16.55	16.56	16.53	17.7	0.0	
100	16QAM	1	1	16.49	16.47	16.41	17.7	0.0	
100	64QAM	1	1	16.55	16.54	16.45	17.7	0.0	
100	256QAM	1	1	16.50	16.48	16.43	17.7	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	16.56	16.57	16.47	17.7	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	16.50	16.45	16.53	17.7	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	16.53	16.49	16.53	17.7	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	16.56	16.45	16.51	17.7	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	16.46	16.48	16.54	17.7	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	16.54	16.48	16.51	17.7	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	16.55	16.52	16.45	17.7	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	16.44	16.52	16.51	17.7	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	16.47	16.44	16.46	17.7	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	16.50	16.49	16.51	17.7	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.47	16.43	16.54	17.7	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)											
100	QPSK	1	1		15.35		16.4	0.0			
100	QPSK	1	137		15.26						
100	QPSK	1	271		15.32						
100	QPSK	135	0		15.30		16.4	0.0			
100	QPSK	135	69		15.33						
100	QPSK	135	138		15.32						
100	QPSK	270	0		15.31		16.4	0.0			
100	16QAM	1	1		15.22		16.4	0.0			
100	64QAM	1	1		15.27		16.4	0.0			
100	256QAM	1	1		15.24		16.4	0.0			
Channel											
Frequency (MHz)											
90	QPSK	1	1	15.20	15.22	15.24	16.4	0.0			
Channel											
Frequency (MHz)											
80	QPSK	1	1	15.20	15.28	15.18	16.4	0.0			
Channel											
Frequency (MHz)											
70	QPSK	1	1	15.23	15.22	15.30	16.4	0.0			
Channel											
Frequency (MHz)											
60	QPSK	1	1	15.19	15.31	15.31	16.4	0.0			
Channel											
Frequency (MHz)											
50	QPSK	1	1	15.28	15.19	15.18	16.4	0.0			
Channel											
Frequency (MHz)											
40	QPSK	1	1	15.21	15.29	15.21	16.4	0.0			
Channel											
Frequency (MHz)											
30	QPSK	1	1	15.27	15.20	15.25	16.4	0.0			
Channel											
Frequency (MHz)											
25	QPSK	1	1	15.19	15.25	15.30	16.4	0.0			
Channel											
Frequency (MHz)											
20	QPSK	1	1	15.25	15.32	15.27	16.4	0.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	15.24	15.31	15.21	16.4	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	15.27	15.32	15.19	16.4	0.0			

Part270_n77_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1	15.33	15.35	15.31	16.4	0.0	
100	QPSK	1	137	15.24	15.24	15.25			
100	QPSK	1	271	15.18	15.24	15.16			
100	QPSK	135	0	15.25	15.28	15.29	16.4	0.0	
100	QPSK	135	69	15.31	15.33	15.30			
100	QPSK	135	138	15.19	15.31	15.27			
100	QPSK	270	0	15.30	15.31	15.28	16.4	0.0	
100	16QAM	1	1	15.25	15.30	15.22	16.4	0.0	
100	64QAM	1	1	15.22	15.26	15.24	16.4	0.0	
100	256QAM	1	1	15.19	15.32	15.20	16.4	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	15.30	15.28	15.22	16.4	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	15.19	15.26	15.15	16.4	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	15.28	15.21	15.27	16.4	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	15.21	15.27	15.22	16.4	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	15.21	15.30	15.23	16.4	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	15.19	15.27	15.25	16.4	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	15.18	15.31	15.17	16.4	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	15.18	15.27	15.29	16.4	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	15.24	15.22	15.18	16.4	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	15.30	15.29	15.22	16.4	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	15.28	15.23	15.23	16.4	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)									
100	QPSK	1	1		15.93		17.4	0.0	
100	QPSK	1	137		15.89				
100	QPSK	1	271		15.84				
100	QPSK	135	0		15.88		17.4	0.0	
100	QPSK	135	69		15.91				
100	QPSK	135	138		15.87				
100	QPSK	270	0		15.90		17.4	0.0	
100	16QAM	1	1		15.80		17.4	0.0	
100	64QAM	1	1		15.88		17.4	0.0	
100	256QAM	1	1		15.87		17.4	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	63300	63332	63368	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	1	3485	3489.98	3504.98	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
70	QPSK	1	1	63234	63332	63432	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	1	3485.01	3499.98	3514.98	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	1	15.80	15.85	15.80	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	1	631868	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	QPSK	1	1	3470.02	3499.98	3520	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
25	QPSK	1	1	15.83	15.81	15.89	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	1	631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	1	3470.01	3499.98	3529.98	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	1	631000	633332	635668	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
5	QPSK	1	1	3465	3499.98	3534.98	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
0	QPSK	1	1	15.87	15.86	15.85	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
0	QPSK	1	1	630868	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	1	3460.02	3499.98	3540	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	1	15.82	15.80	15.82	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	1	630500	633332	636168	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
5	QPSK	1	1	3455.01	3499.98	3544.98	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
0	QPSK	1	1	15.80	15.82	15.79	Tune-up limit (dBm)	MPR (dB)	

Part27Q_n77_Ant 6									
BW [MHz]	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	66000	66000	66000	17.4	0.0	
100	QPSK	1	137	15.73	15.70	15.72			
100	QPSK	1	271	15.70	15.64	15.72			
100	QPSK	135	0	15.74	15.68	15.60	17.4	0.0	
100	QPSK	135	69	15.77	15.63	15.65			
100	QPSK	135	138	15.75	15.65	15.68			
100	QPSK	270	0	15.75	15.77	15.73	17.4	0.0	
100	16QAM	1	1	15.62	15.63	15.70	17.4	0.0	
100	64QAM	1	1	15.68	15.63	15.65	17.4	0.0	
100	256QAM	1	1	15.76	15.65	15.65	17.4	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	64868	65000	65232	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	1	3745.02	3840	3934.98	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
70	QPSK	1	1	648334	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	1	3725	3840	3945	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	1	15.63	15.73	15.72	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	1	648334	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	QPSK	1	1	3730.02	3840	3949.98	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
25	QPSK	1	1	15.68	15.67	15.72	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	1	648334	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	1	3715.02	3840	3949.98	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	1	647688	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
5	QPSK	1	1	3707.52	3840	3972.48	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
0	QPSK	1	1	647334	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
0	QPSK	1	1	3705	3840	3975	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
0	QPSK	1	1	15.72	15.70	15.72	Tune-up limit (dBm)	MPR (dB)	

Part27Q_n78_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		16.25		17.2	0.0	
100	QPSK	1	137		16.10				
100	QPSK	1	271		16.20				
100	QPSK	135	0		16.14		17.2	0.0	
100	QPSK	135	69		16.23				
100	QPSK	135	138		16.20				
100	QPSK	270	0		16.21		17.2	0.0	
100	16QAM	1	1		16.21		17.2	0.0	
100	64QAM	1	1		16.19		17.2	0.0	
1	256QAM	1	1		16.17		17.2	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
				3460	3469.98	3504.99			
				16.08	16.13	16.14	17.2	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
				3460.02	3469.98	3510			
				16.16	16.12	16.17	17.2	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	633235	633332	633335	Tune-up limit (dBm)	MPR (dB)	
				3485.01	3469.98	3514.98			
				16.16	16.13	16.11	17.2	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
				3480	3469.98	3518.99			
				16.08	16.09	16.22	17.2	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	631868	633332	635000	Tune-up limit (dBm)	MPR (dB)	
				3475.02	3469.98	3525			
				16.15	16.11	16.09	17.2	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
				3470.01	3469.98	3529.98			
				16.12	16.09	16.18	17.2	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	631100	633332	635666	Tune-up limit (dBm)	MPR (dB)	
				3465	3469.98	3534.99			
				16.11	16.21	16.09	17.2	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	630844	633332	636000	Tune-up limit (dBm)	MPR (dB)	
				3462.01	3469.98	3537.97			
				16.22	16.12	16.17	17.2	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	630668	633332	636300	Tune-up limit (dBm)	MPR (dB)	
				3460.02	3469.98	3540			
				16.19	16.11	16.16	17.2	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	630400	633332	636533	Tune-up limit (dBm)	MPR (dB)	
				3457.5	3469.98	3542.49			
				16.11	16.13	16.14	17.2	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	630200	633332	636700	Tune-up limit (dBm)	MPR (dB)	
				3453.01	3469.98	3544.58			
				16.16	16.10	16.09	17.2	0.0	

Part27Q_n78_Ant 3 HPUE									
RFW (MHz)	Modulation	RB Size	RB Offset	Power / Freq. (dBm)	Power Mask On Ch. Freq.	Power High On Ch. Freq.		Turn-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)				633532	3499.98				
100	QPSK	1	1	16.25	16.25			17.2	0.0
100	QPSK	1	137	16.20	16.20				
100	QPSK	1	271	16.20	16.20				
100	QPSK	135	0	16.14	16.14				
100	QPSK	135	463	16.20	16.20			17.2	0.0
100	QPSK	135	138	16.20	16.20				
100	QPSK	270	0	16.21	16.21			17.2	0.0
100	16QAM	1	1	16.21	16.21			17.2	0.0
100	16QAM	1	1	16.19	16.19			17.2	0.0
100	256QAM	1	1	16.17	16.17			17.2	0.0
Channel									
Frequency (MHz)				633600	633532	633686		Turn-up limit (dBm)	MPR (dB)
90	QPSK	1	1	34.05	3499.98	3504.98			
				16.08	16.18	16.14		17.2	0.0
Frequency (MHz)				633532	633532	633600		Turn-up limit (dBm)	MPR (dB)
80	QPSK	1	1	16.10	16.12	16.17		17.2	0.0
Frequency (MHz)				633284	633332	633332		Turn-up limit (dBm)	MPR (dB)
70	QPSK	1	1	34.01	3499.98	3514.98			
				16.26	16.13	16.11		17.2	0.0
Channel				633000	633332	634666		Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				633000	3499.98	3519.98			
60	QPSK	1	1	16.09	16.09	16.22		17.2	0.0
Channel				631868	633332	633000		Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				634762	3499.98	3525			
50	QPSK	1	1	16.15	16.18	16.09		17.2	0.0
Frequency (MHz)				633532	633532	633532		Turn-up limit (dBm)	MPR (dB)
40	QPSK	1	1	16.12	16.09	16.18		17.2	0.0
Channel				631000	633332	633666		Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3514.98			
30	QPSK	1	1	16.11	16.21	16.09		17.2	0.0
Channel				630634	633332	630632		Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				34251	3499.98	3517.98			
25	QPSK	1	1	16.22	16.12	16.17		17.2	0.0
Channel				630668	633332	630668		Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				34602	3499.98	3510			
20	QPSK	1	1	16.19	16.11	16.10		17.2	0.0
Channel				630000	633332	630000		Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				34575	3499.98	3522.98			
15	QPSK	1	1	16.11	16.13	16.14		17.2	0.0
Channel				630334	633332	630332		Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				34548	3499.98	3514.98			
10	QPSK	1	1	16.06	16.10	16.09		17.2	0.0

Part270_n78_Ant 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. F. Freq.	Power High Ch. F. Freq.	Power High Ch. F. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
	Frequency (MHz)			3750				
100	QPSK	1	1	16.03	16.13			
100	QPSK	1	137	16.06			17.2	0.0
100	QPSK	1	271	16.08				
100	QPSK	135	0	16.01				
100	QPSK	135	69	16.16			17.2	0.0
100	QPSK	135	138	16.12				
100	QPSK	270	0	16.15			17.2	0.0
100	16QAM	1	1	16.02			17.2	0.0
100	64QAM	1	1	16.05			17.2	0.0
100	256QAM	1	1	16.13			17.2	0.0
Channel								
	Frequency (MHz)			64668	65000	65032	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
50	QPSK	1	1	16.03	16.15	16.04	17.2	0.0
Channel								
	Frequency (MHz)			64334	65000	65032	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3746.01	3750	3759.99		
80	QPSK	1	1	16.05	16.04	16.06	17.2	0.0
Channel								
	Frequency (MHz)			65000	65000	65100	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3750	3750	3765		
70	QPSK	1	1	16.15	16.05	16.05	17.2	0.0
Channel								
	Frequency (MHz)			64666	65000	65132	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3747.02	3750	3749.98		
60	QPSK	1	1	16.13	16.04	16.05	17.2	0.0
Channel								
	Frequency (MHz)			64334	65000	65166	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	16.08	16.06	16.04	17.2	0.0
Channel								
	Frequency (MHz)			64500	65000	65200	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3720	3750	3760		
40	QPSK	1	1	16.13	16.10	16.13	17.2	0.0
Channel								
	Frequency (MHz)			64768	65000	65232	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3741.02	3750	3744.98		
30	QPSK	1	1	16.09	16.07	16.01	17.2	0.0
Channel								
	Frequency (MHz)			64750	65000	65250	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3723	3750	3737.5		
25	QPSK	1	1	16.11	16.03	16.12	17.2	0.0
Channel								
	Frequency (MHz)			64734	65000	65266	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3710.01	3750	3769.99		
20	QPSK	1	1	16.04	16.03	16.05	17.2	0.0
Channel								
	Frequency (MHz)			64768	65000	65252	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3707.50	3750	3762.48		
15	QPSK	1	1	16.08	16.01	16.15	17.2	0.0
Channel								
	Frequency (MHz)			64750	65000	65300	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3735	3750	3745		
10	QPSK	1	1	16.10	16.08	16.01	17.2	0.0

Part270_n78_Ant 3 HPUE									
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)				650000		3750			
100	QPSK	1	1	16.03	16.13				
100	QPSK	1	137	16.06			17.2	0.0	
100	QPSK	1	271	16.02					
100	QPSK	135	0	16.01					
100	QPSK	135	69	16.05			17.2	0.0	
100	QPSK	135	138	16.12					
100	QPSK	270	0	16.15			17.2	0.0	
100	16QAM	1	1	16.02			17.2	0.0	
100	64QAM	1	1	16.05			17.2	0.0	
100	256QAM	1	1	16.13					
Channel				649668	650000	650332		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1	16.03	16.13	16.04	17.2	0.0	
Channel				646834	650000	650666		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3749.99			
80	QPSK	1	1	16.05	16.04	16.06	17.2	0.0	
Channel				648000	650000	651000		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3739.5	3750	3740.5			
70	QPSK	1	1	16.15	16.05	16.05	17.2	0.0	
Channel				648668	650000	651332		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3732.02	3750	3747.98			
60	QPSK	1	1	16.13	16.04	16.05	17.2	0.0	
Channel				648334	650000	651666		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1	16.08	16.06	16.04	17.2	0.0	
Channel				650000	650000	650000		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720.7	3750	3780.3			
40	QPSK	1	1	16.13	16.10	16.13	17.2	0.0	
Channel				647668	650000	652332		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.02	3750	3748.98			
30	QPSK	1	1	16.09	16.07	16.01	17.2	0.0	
Channel				647500	650000	650500		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3747.5			
25	QPSK	1	1	16.11	16.03	16.12	17.2	0.0	
Channel				647334	650000	650666		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3749.99			
20	QPSK	1	1	16.04	16.03	16.05	17.2	0.0	
Channel				647168	650000	650832		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3752.48			
15	QPSK	1	1	16.08	16.01	16.15	17.2	0.0	
Channel				647000	650000	653000		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705.5	3750	3754.5			
10	QPSK	1	1	16.10	16.08	16.01	17.2	0.0	

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RFW (MHz)	Modulation	RB Size	RB Offset	Power Level Co./Freq.	Power Mask Co./Freq.	Power High Co./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1	3495	3495.98	3504.98			
100	QPSK	1	137	17.02	17.02		18.2	0.0	
100	QPSK	1	271	16.93					
100	QPSK	135	0	17.03	17.03		18.2	0.0	
100	QPSK	135	467	17.04					
100	QPSK	135	138	17.04					
100	QPSK	270	0	17.05			18.2	0.0	
100	16QAM	1	1	17.01			18.2		
100	16QAM	1	1	17.04			18.2		
100	256QAM	1	1	16.94			18.2		
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3495.98	3504.98	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	17.03	17.03	17.04	18.2	0.0	
90	QPSK	1	1	16.92	16.93	17.05	18.2	0.0	
90	QPSK	1	1	17.04	17.04	17.05	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
90	QPSK	1	1	17.02	17.02	17.04	18.2	0.0	
90	QPSK	135	0	16.94	16.94	16.99	18.2	0.0	
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Part27Q_n78_Ant 5 HPUE								
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]			635352	3459.98			
100	QPSK	1	1	17.05	18.98		18.2	0.0
100	QPSK	1	137	17.02				
100	QPSK	1	271	18.93				
100	QPSK	135	0	17.03				
100	QPSK	135	69	17.07			18.2	0.0
100	QPSK	135	138	17.04				
100	QPSK	270	0	17.05			18.2	0.0
100	16QAM	1	1	17.01			18.2	0.0
100	64QAM	1	1	18.94			18.2	0.0
100	256QAM	1	1	17.04			18.2	0.0
Channel								
	Frequency [MHz]			633000	633352	633696		
50	QPSK	1	1	34.05	3459.98	3504.99	Tune-up limit (dBm)	MPR (dB)
	Frequency [MHz]			17.02	18.97	17.05	18.2	0.0
	Frequency [MHz]			633000	633352	633696		
	Frequency [MHz]			34.90	3459.98	3510	Tune-up limit (dBm)	(dB)
80	QPSK	1	1	16.92	18.93	17.05	18.2	0.0
Channel								
	Frequency [MHz]			632334	633332	634332		
	Frequency [MHz]			34.01	3459.98	3514.88	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	17.02	18.94	18.99	18.2	0.0
Channel								
	Frequency [MHz]			633000	633352	634696		
60	QPSK	1	1	17.00	18.95	18.99	18.2	0.0
Channel								
	Frequency [MHz]			631688	633352	635000		
	Frequency [MHz]			34.75	3459.98	3526	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	17.01	18.98	18.95	18.2	0.0
Channel								
	Frequency [MHz]			631824	633352	635332		
	Frequency [MHz]			34.70	3459.98	3529.98	Tune-up limit (dBm)	(dB)
40	QPSK	1	1	16.93	18.94	18.93	18.2	0.0
Channel								
	Frequency [MHz]			631000	633352	635596		
	Frequency [MHz]			34.66	3459.98	3534.86	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	17.00	17.05	16.94	18.2	0.0
Channel								
	Frequency [MHz]			630884	633352	635832		
	Frequency [MHz]			34.6251	3459.98	3537.48	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	17.05	18.94	17.01	18.2	0.0
Channel								
	Frequency [MHz]			630669	633352	636000		
	Frequency [MHz]			34.60	3459.98	3540	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	17.04	18.97	18.97	18.2	0.0
Channel								
	Frequency [MHz]			630500	633352	636156		
	Frequency [MHz]			34.575	3459.98	3542.89	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	17.01	17.05	16.93	18.2	0.0
Channel								
	Frequency [MHz]			630334	633352	636332		
	Frequency [MHz]			34.48	3459.98	3545.98	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	16.94	18.98	17.03	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Center Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				650000		3750			
100	QPSK	1	1		16.58				
100	QPSK	1	137		16.48		18.2		0.0
100	QPSK	1	271		16.40				
100	QPSK	135	0		16.38				
100	QPSK	135	69		16.53		18.2		0.0
100	QPSK	135	138		16.50				
100	QPSK	270	0		16.51		18.2		0.0
100	16QAM	1	1		16.43		18.2		0.0
100	64QAM	1	1		16.41		18.2		0.0
100	256QAM	1	1		16.51		18.2		0.0
Channel									
Frequency (MHz)				649668		650000	650332	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	16.46	16.40	16.44	18.2		0.0
Channel				650000		650000			
Frequency (MHz)				3740.01		3750	3769.99	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	16.42	16.47	16.47	18.2		0.0
Channel				649600		650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735		3750	3765	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	16.49	16.52	16.49	18.2		0.0
Channel				649668		650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742.02		3750	3767.98	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	16.48	16.49	16.48	18.2		0.0
Channel				648334		650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01		3750	3774.99	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	16.38	16.52	16.50	18.2		0.0
Channel				650000		650000			
Frequency (MHz)				3720		3750	3780	Tune-up limit (dBm)	MPR (dB)
45	QPSK	1	1	16.45	16.48	16.39	18.2		0.0
Channel				647668		650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3714.02		3750	3784.98	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	16.48	16.50	16.49	18.2		0.0
Channel				647600		650000	652600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5		3750	3787.5	Tune-up limit (dBm)	MPR (dB)
Channel				647334		650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01		3750	3789.99	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	16.42	16.45	16.46	18.2		0.0
Channel				647168		650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52		3750	3792.48	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	16.44	16.45	16.50	18.2		0.0
Channel				647000		650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705		3750	3795	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	16.48	16.52	16.49	18.2		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				650000					
Frequency (MHz)				16.55					
100	QPSK	1	1		16.55		16.2	0.0	
100	QPSK	1	137		16.48				
100	QPSK	1	271		16.40				
100	QPSK	135	0		16.48		16.2	0.0	
100	QPSK	135	69		16.53				
100	QPSK	135	138		16.50				
100	QPSK	270	0		16.51		16.2	0.0	
100	16QAM	1	1		16.43		16.2	0.0	
100	64QAM	1	1		16.41		16.2	0.0	
100	256QAM	1	1		16.51		16.2	0.0	
Channel				649686	650000	650332	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3725.02	3750	3754.98			
90	QPSK	1	1	648958	650000	650332	16.2	0.0	
Channel				649334	650000	650666			
Frequency (MHz)				3740.01	3750	3769.99	Tune-up limit (dBm)	MPR	(dB)
80	QPSK	1	1	16.42	16.47	16.47	16.2	0.0	
Channel				650000	650000	651000			
Frequency (MHz)				3725	3750	3765	Tune-up limit (dBm)	MPR	(dB)
70	QPSK	1	1	16.49	16.52	16.49	16.2	0.0	
Channel				648686	650000	651332	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3725.02	3750	3769.98			
60	QPSK	1	1	16.48	16.49	16.46	16.2	0.0	
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1	16.38	16.52	16.50	16.2	0.0	
Channel				649000	650000	652000	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	16.45	16.48	16.39	16.2	0.0	
Channel				647686	650000	652332	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3715.02	3750	3784.98			
30	QPSK	1	1	16.48	16.50	16.49	16.2	0.0	
Channel				647900	650000	652500	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	16.50	16.47	16.48	16.2	0.0	
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3710.01	3750	3789.99			
20	QPSK	1	1	16.42	16.45	16.46	16.2	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3707.52	3750	3792.48			
15	QPSK	1	1	16.44	16.45	16.50	16.2	0.0	
Channel				647900	650000	653000	Tune-up limit (dBm)	MPR	(dB)
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	16.48	16.52	16.49	16.2	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)									
100	QPSK	1	1		15.45		16.2	0.0	
100	QPSK	1	137		15.29				
100	QPSK	1	271		15.39				
100	QPSK	135	0		15.39		16.2	0.0	
100	QPSK	135	69		15.43				
100	QPSK	135	138		15.38				
100	QPSK	270	0		15.41		16.2	0.0	
100	16QAM	1	1		15.40		16.2	0.0	
100	64QAM	1	1		15.28		16.2	0.0	
100	256QAM	1	1		15.42		16.2	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	633000	633332	633666	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
80	QPSK	1	1	3465	3469.98	3474.98	16.2	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	632668	633332	634000	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
60	QPSK	1	1	3465.01	3469.98	3474.98	16.2	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	632334	633332	634332	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
40	QPSK	1	1	3470.01	3469.98	3469.98	16.2	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	631668	633332	635000	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
20	QPSK	1	1	3470.02	3469.98	3469.98	16.2	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	631000	633332	635666	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
0	QPSK	1	1	3465	3469.98	3474.98	16.2	0.0	
Channel									
Frequency (MHz)									
0	QPSK	1	1	15.35	15.37	15.31	16.2	0.0	
Channel									
Frequency (MHz)									
0	QPSK	1	1	630668	633332	636000	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
0	QPSK	1	1	3462.51	3469.98	3477.48	Tune-up limit (dBm)	MPR	(dB)
Channel									
Frequency (MHz)									
0	QPSK	1	1	15.36	15.34	15.31	16.2	0.0	

<WLAN 2.4GHz FCC>

2.4GHz WLAN				Full		Head Standalone		Head Simultaneous WFI+WWAN		Body Standalone		Body (Hotspot or)Simultaneous WFI+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Ant A		Ant B		Ant A		Ant B		Ant A			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
2.4GHz WLAN	802.11b-1Mbps	1	2412	13.50	14.50	13.50	14.50	13.50	14.50	13.50	14.50	13.50	14.50	99.66
		6	2437	15.10	16.00	15.10	16.00	15.10	16.00	15.10	16.00	15.10	16.00	
		11	2462	13.60	14.50	13.60	14.50	13.60	14.50	13.60	14.50	13.60	14.50	
	802.11g-MBPPs	1	2412	15.10	17.50	15.10	17.50	15.10	17.50	15.10	17.50	15.10	17.50	97.46
		6	2437	16.00	17.50	16.00	17.50	16.00	17.50	16.00	17.50	16.00	17.50	
		11	2462	16.00	17.50	16.00	17.50	16.00	17.50	16.00	17.50	16.00	17.50	
	802.11n-HT20 MCS0	1	2412	16.20	17.50	16.20	17.50	16.20	17.50	16.20	17.50	16.20	17.50	97.30
		6	2437	16.10	17.50	16.10	17.50	16.10	17.50	16.10	17.50	16.10	17.50	
		11	2462	16.10	17.50	16.10	17.50	16.10	17.50	16.10	17.50	16.10	17.50	
	802.11n-HT40 MCS0	3	2422	16.20	17.50	16.20	17.50	16.20	17.50	16.20	17.50	16.20	17.50	94.70
		6	2437	15.10	16.50	15.10	16.50	15.10	16.50	15.10	16.50	15.10	16.50	
		9	2452	15.00	16.50	15.00	16.50	15.00	16.50	15.00	16.50	15.00	16.50	
	802.11ac-VHT20 MCS0	1	2412	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	97.30
		6	2437	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	
	802.11ac-VHT40 MCS0	3	2422	Required	16.50	Required	16.50	Required	16.50	Required	16.50	Required	16.50	94.70
		6	2437	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	
		9	2452	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	

<WLAN 5GHz FCC>

5.2GHz WLAN				Full		Head Standalone/WIFI+BT		Head Simultaneous WFI+WWAN/WIFI+WWAN+BT		Body Standalone		Hotspot		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
													Ant 8	Ant 8
5.2GHz WLAN	802.11a-6Mbps	36	5180	16.87	18.50	16.87	18.50	18.50	16.87	18.50	18.50	16.87	18.50	97.55
		40	5200	18.29	20.00	18.29	20.00	18.50	17.21	19.00	18.50	17.21	19.00	
		44	5220	18.34	20.00	18.34	20.00	18.50	17.27	19.00	18.50	17.27	19.00	
		48	5240	18.36	20.00	18.36	20.00	18.50	17.31	19.00	18.50	17.31	19.00	
		36	5180	16.89	18.50	16.89	18.50	18.50	16.89	18.50	18.50	16.89	18.50	
		40	5200	18.30	20.00	18.30	20.00	18.50	17.35	19.00	18.50	17.35	19.00	
	802.11n-HT20 MCS0	44	5220	18.35	20.00	18.35	20.00	18.50	17.39	19.00	18.50	17.39	19.00	97.39
		48	5240	18.38	20.00	18.38	20.00	18.50	17.43	19.00	18.50	17.43	19.00	
		38	5190	13.25	15.00	13.25	15.00	18.50	13.25	15.00	18.50	13.25	15.00	
	802.11n-HT40 MCS0	46	5200	16.65	18.50	16.65	18.50	18.50	16.65	18.50	18.50	16.65	18.50	94.89
		36	5180	20.00	20.00	20.00	20.00	18.50	19.00	18.50	19.00	18.50	19.00	
		40	5200	20.00	20.00	20.00	20.00	18.50	19.00	18.50	19.00	18.50	19.00	
	802.11ac-VHT20 MCS0	44	5220	Not Required	20.00	20.00	20.00	18.50	19.00	18.50	19.00	18.50	19.00	97.39
		48	5240	Required	20.00	20.00	20.00	18.50	19.00	18.50	19.00	18.50	19.00	
		36	5190	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	
	802.11ac-VHT40 MCS0	46	5200	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	94.89
		36	5190	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	
		42	5210	9.79	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	
802.11ac-VHT80 MCS0	46	5200	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	100.00	

5.3GHz WLAN				Full		Head Standalone/WiFi+BT		Head Simultaneous WiFi+WWAN/WiFi+WWAN+BT		Body/Extremity Standalone/WiFi+WLAN/WiFi+BT/WiFi+WWAN+BT		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
											Art 6	
5.3GHz WLAN	802.11a-6Mbps	52	5280	18.31	20.00	18.31	20.00	18.50	17.26	19.00	97.55	
		56	5280	18.33	20.00	18.33	20.00	18.50	17.24	19.00		
		60	5300	18.39	20.00	18.39	20.00	18.50	17.31	19.00		
		64	5320	15.86	17.50	15.86	17.50	17.50	15.86	17.50		
		52	5280	18.33	20.00	18.33	20.00	18.50	17.35	19.00		
		56	5280	18.33	20.00	18.33	20.00	18.50	17.39	19.00		
	802.11n-HT20 MCS0	60	5300	18.42	20.00	18.42	20.00	18.50	17.43	19.00	97.39	
		64	5320	15.91	17.50	15.91	17.50	17.50	15.91	17.50		
		54	5270	16.67	18.50	16.67	18.50	18.50	16.67	18.50		
	802.11n-HT40 MCS0	62	5310	13.22	15.00	13.22	15.00	18.50	13.22	15.00	94.89	
		52	5280	20.00	20.00	20.00	20.00	18.50	19.00	18.50		19.00
		56	5280	20.00	20.00	20.00	20.00	18.50	19.00	18.50		19.00
802.11ac-VHT20 MCS0	60	5300	Not Required	20.00	20.00	20.00	18.50	19.00	18.50	19.00	97.39	
	64	5320	Not Required	20.00	20.00	20.00	18.50	19.00	18.50	19.00		
	54	5270	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50		
802.11ac-VHT40 MCS0	82	5310	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	94.89	
	54	5270	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50		
	82	5310	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50		
802.11ac-VHT80 MCS0	58	5290	8.74	10.50	10.50	10.50	10.50	10.50	10.50	10.50	100.00	
	58	5290	8.74	10.50	10.50	10.50	10.50	10.50	10.50	10.50		
	58	5290	8.74	10.50	10.50	10.50	10.50	10.50	10.50	10.50		

5.5GHz WLAN				Full		Head Standalone/WIFI+BT		Head Simultaneous WFI+WWAN/WIFI+WWAN+BT		Body/Extremity Standalone/WIFI+WLAN/WIFI+BT/WIFI+WWAN+BT		Duty Cycle %	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a-6Mbps	100	5500	15.55	17.50	15.55	17.50	17.50	17.50	17.50	17.50	17.50	97.55
		116	5580	16.62	20.00	16.62	20.00	17.50	17.50	18.50	16.62	20.00	
		124	5620	18.57	20.00	18.05	20.00	17.50	17.99	19.00	18.50	17.99	
		132	5660	18.52	20.00	18.06	20.00	17.50	17.99	19.00	18.50	17.99	
		140	5700	14.59	16.50	14.59	16.50	16.50	16.50	18.50	14.59	16.50	
		100	5500	15.53	17.50	15.53	17.50	17.50	17.50	17.50	15.53	17.50	
	802.11n-HT20 MCS0	116	5580	16.63	20.00	16.63	20.00	17.50	17.50	18.50	16.63	20.00	97.39
		124	5620	18.55	20.00	18.03	20.00	17.50	17.99	19.00	18.55	17.99	
		132	5660	18.54	20.00	18.00	20.00	17.50	17.99	19.00	18.54	17.99	
		140	5700	14.64	16.50	14.64	16.50	16.50	16.50	18.50	14.64	16.50	
		100	5500	15.53	17.50	15.53	17.50	17.50	17.50	17.50	15.53	17.50	
		124	5620	18.57	20.00	18.05	20.00	17.50	17.99	19.00	18.57	17.99	
802.11n-HT40 MCS0	100	5500	15.53	17.50	15.53	17.50	17.50	17.50	17.50	15.53	17.50	94.89	
	124	5620	18.57	20.00	18.05	20.00	17.50	17.99	19.00	18.57	17.99		
	132	5660	18.52	20.00	18.06	20.00	17.50	17.99	19.00	18.52	17.99		
	140	5700	14.59	16.50	14.59	16.50	16.50	16.50	18.50	14.59	16.50		
	100	5500	15.53	17.50	15.53	17.50	17.50	17.50	17.50	15.53	17.50		
	124	5620	18.57	20.00	18.05	20.00	17.50	17.99	19.00	18.57	17.99		
802.11ac-VHT20 MCS0	100	5500	15.53	17.50	15.53	17.50	17.50	17.50	17.50	15.53	17.50	97.39	
	116	5580	16.63	20.00	16.63	20.00	17.50	17.50	18.50	16.63	20.00		
	124	5620	18.57	20.00	18.05	20.00	17.50	17.99	19.00	18.57	17.99		
	132	5660	18.52	20.00	18.06	20.00	17.50	17.99	19.00	18.52	17.99		
	140	5700	14.59	16.50	14.59	16.50	16.50	16.50	18.50	14.59	16.50		
	100	5500	15.53	17.50	15.53	17.50	17.50	17.50	17.50	15.53	17.50		
802.11ac-VHT40 MCS0	100	5500	15.53	17.50	15.53	17.50	17.50	17.50	17.50	15.53	17.50	94.89	
	116	5580	16.63	20.00	16.63	20.00	17.50	17.50	18.50	16.63	20.00		
	124	5620	18.57	20.00	18.05	20.00	17.50	17.99	19.00	18.57	17.99		
	132	5660	18.52	20.00	18.06	20.00	17.50	17.99	19.00	18.52	17.99		
	140	5700	14.59	16.50	14.59	16.50	16.50	16.50	18.50	14.59	16.50		
	100	5500	15.53	17.50	15.53	17.50	17.50	17.50	17.50	15.53	17.50		
802.11ac-VHT80 MCS0	100	5500	15.53	17.50	15.53	17.50	17.50	17.50	17.50	15.53	17.50	100.00	
	116	5580	16.63	20.00	16.63	20.00	17.50	17.50	18.50	16.63	20.00		
	124	5620	18.57	20.00	18.05	20.00	17.50	17.99	19.00	18.57	17.99		
	132	5660	18.52	20.00	18.06	20.00	17.50	17.99	19.00	18.52	17.99		
	140	5700	14.59	16.50	14.59	16.50	16.50	16.50	18.50	14.59	16.50		
	100	5500	15.53	17.50	15.53	17.50	17.50	17.50	17.50	15.53	17.50		

<Bluetooth FCC>			Ant 8				
Mode	Channel	Frequency (MHz)	Average power (dBm)				
			1Mbps	Tune-up Limit	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	15.30	16.00	12.50	12.50	14.00
	CH 39	2441	15.20	16.00	12.50	12.50	14.00
	CH 78	2480	15.60	16.00	12.50	12.50	14.00

LE 1M			Ant 8				
Mode	Channel	Frequency (MHz)	Average power (dBm)				
			1Mbps	Tune-up Limit	125Kbps	Tune-up Limit	500Kbps
LE	CH 00	2402	5.70	7.00	5.80	7.00	7.00
	CH 19	2440	6.30	8.00	6.40	8.00	8.00
	CH 39	2480	5.60	7.00	5.70	7.00	7.00

LE 2M			Ant 8	
Mode	Channel	Frequency (MHz)	Average power (dBm)	
			2Mbps	Tune-up Limit
LE	CH 01	2404	5.60	7.00
	CH 19	2440	6.20	8.00
	CH 39	2476	5.50	7.00