

Receiver on/Full Power

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9602	9600	9638		1312	1410	1513		4132	4182	4232	
Rx Channel		9602	9600	9638		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1860	1907.6		1712.4	1752.6	1762.6		626.4	636.4	646.6	
3GPP Rel 99	AMR 12.2Kbps	23.81	23.93	23.87	24.00	23.63	23.68	23.64	24.50	23.41	23.42	23.34	24.00
3GPP Rel 99	AMR 12.2Kbps	23.85	23.95	23.91	24.00	23.65	23.71	23.69	24.50	23.43	23.46	23.37	24.00
3GPP Rel 6	HSDPA Subtest-1	22.82	22.86	22.91	23.00	22.67	22.74	22.69	23.50	22.48	22.44	22.40	23.00
3GPP Rel 6	HSDPA Subtest-2	22.81	22.89	22.87	23.00	22.69	22.75	22.67	23.50	22.45	22.48	22.41	23.00
3GPP Rel 6	HSDPA Subtest-3	22.33	22.45	22.41	22.50	22.19	22.26	22.24	23.00	22.00	21.98	21.98	22.50
3GPP Rel 6	HSDPA Subtest-4	22.31	22.40	22.47	22.50	22.15	22.24	22.23	23.00	21.97	21.95	21.94	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.76	22.77	22.85	23.00	22.60	22.69	22.62	23.50	22.36	22.39	22.35	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.75	22.80	22.77	23.00	22.59	22.64	22.60	23.50	22.36	22.40	22.39	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.19	22.34	22.32	22.50	22.06	22.15	22.10	23.00	21.95	21.85	21.87	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.21	22.34	22.32	22.50	22.02	22.11	22.14	23.00	21.91	21.81	21.88	22.50
3GPP Rel 6	HSPA Subtest-1	20.79	20.86	20.94	21.00	20.65	20.69	20.76	21.50	20.38	20.43	20.39	21.00
3GPP Rel 6	HSPA Subtest-2	20.75	20.85	20.82	21.00	20.64	20.76	20.74	21.50	20.40	20.44	20.37	21.00
3GPP Rel 6	HSPA Subtest-3	21.61	21.60	21.94	22.00	21.77	21.73	21.75	22.50	21.36	21.41	21.40	22.00
3GPP Rel 6	HSPA Subtest-4	20.29	20.37	20.45	20.50	20.18	20.26	20.26	21.00	19.91	19.96	19.94	20.50
3GPP Rel 6	HSPA Subtest-5	21.78	21.78	21.98	22.00	21.70	21.70	21.80	22.50	21.40	21.44	21.42	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.76	20.83	20.78	21.00	20.58	20.62	20.56	21.50	20.30	20.34	20.27	21.00

Band 2_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Turn-up Int. (dB)	MPE (dB)		
Channel 18700 18800 19100										
Frequency (MHz)										
20	QPSK	1	0	24.28	24.34	24.31			25	0
20	QPSK	1	49	24.28	24.29	24.25				
20	QPSK	1	99	24.17	24.32	24.25				
20	QPSK	50	0	23.24	23.38	23.31			24	1
20	QPSK	50	24	23.22	23.34	23.28				
20	QPSK	50	50	23.19	23.27	23.22				
20	16QAM	1	0	23.46	23.54	23.45			24	1
20	16QAM	1	49	23.49	23.55	23.44				
20	16QAM	1	99	23.36	23.42	23.43				
20	16QAM	50	0	22.27	22.36	22.24			23	2
20	16QAM	50	24	22.23	22.25	22.27				
20	16QAM	50	50	22.22	22.29	22.25				
20	16QAM	100	0	22.22	22.33	22.24				
20	64QAM	1	0	22.48	22.48	22.44			23	2
20	64QAM	1	49	22.44	22.49	22.42				
20	64QAM	1	99	22.33	22.38	22.37				
20	64QAM	50	0	21.28	21.37	21.27			22	3
20	64QAM	50	24	21.26	21.35	21.29				
20	64QAM	50	50	21.22	21.33	21.27				
20	64QAM	100	0	21.24	21.36	21.27				
20	256QAM	1	0	19.17	19.32	19.18			20	5
20	256QAM	1	49	19.17	19.32	19.18				
20	256QAM	1	99	19.22	19.30	19.21				
20	256QAM	50	0	19.24	19.25	19.26			20	5
20	256QAM	50	24	19.18	19.23	19.23				
20	256QAM	50	50	19.26	19.28	19.24				
20	256QAM	100	0	19.15	19.30	19.17				
Channel 1887.5 18900 19125										
Frequency (MHz)										
16	QPSK	1	0	24.23	24.21	24.30				
16	QPSK	1	37	24.17	24.24	24.19	25	0		
16	QPSK	1	74	24.06	24.22	24.10				
16	QPSK	36	0	23.12	23.30	23.16				
16	QPSK	36	20	23.17	23.19	23.13	24	1		
16	QPSK	36	36	23.12	23.15	23.15				
16	QPSK	75	0	23.15	23.20	23.11				
16	16QAM	1	0	23.39	23.49	23.40	24	1		
16	16QAM	1	37	23.42	23.54	23.33				
16	16QAM	1	74	23.22	23.32	23.39				
16	16QAM	36	0	22.25	22.32	22.17				
16	16QAM	36	20	22.20	22.28	22.19	23	2		
16	16QAM	36	36	22.09	22.23	22.11				
16	16QAM	75	0	22.16	22.22	22.06				
16	64QAM	1	0	22.34	22.43	22.35				
16	64QAM	1	37	22.36	22.36	22.27	23	2		
16	64QAM	1	74	22.19	22.22	22.26				
16	64QAM	36	0	21.14	21.27	21.17				
16	64QAM	36	20	21.12	21.25	21.22	22	3		
16	64QAM	36	36	21.21	21.28	21.23				
16	64QAM	75	0	21.19	21.33	21.24				
16	256QAM	1	0	19.06	19.27	19.12				
16	256QAM	1	37	19.06	19.19	19.07	20	5		
16	256QAM	1	74	19.15	19.24	19.15				
16	256QAM	36	0	19.09	19.14	19.12				
16	256QAM	36	20	19.16	19.18	19.16	20	5		
16	256QAM	36	36	19.15	19.17	19.15				
16	256QAM	75	0	19.12	19.24	19.11				
Channel 18850 18900 19150										
Frequency (MHz)										
10	QPSK	1	0	24.18	24.33	24.19				
10	QPSK	1	25	24.15	24.27	24.19	25	0		
10	QPSK	1	49	24.15	24.31	24.17				
10	QPSK	25	0	23.22	23.27	23.25				
10	QPSK	25	12	23.14	23.27	23.14	24	1		
10	QPSK	25	24	23.04	23.26	23.23				
10	QPSK	50	0	23.11	23.26	23.14				
10	16QAM	1	0	23.35	23.45	23.41	24	1		
10	16QAM	1	25	23.39	23.48	23.38				
10	16QAM	1	49	23.22	23.28	23.40				
10	16QAM	25	0	22.22	22.27	22.12				
10	16QAM	25	12	22.22	22.26	22.21				
10	16QAM	25	24	22.15	22.27	22.17	23	2		
10	16QAM	50	0	22.12	22.28	22.16				
10	64QAM	1	0	22.43	22.41	22.35				
10	64QAM	1	25	22.29	22.43	22.40	23	2		
10	64QAM	1	49	22.24	22.26	22.36				
10	64QAM	25	0	21.18	21.36	21.25	24	2		
10	64QAM	25	12	21.12	21.21	21.23	22	3		
10	64QAM	25	24	21.16	21.25	21.25				
10	64QAM	50	0	21.14	21.23	21.17				
10	256QAM	1	0	19.06	19.22	19.12				
10	256QAM	1	25	19.09	19.26	19.15	20	5		
10	256QAM	1	49	19.17	19.15	19.11				
10	256QAM	25	0	19.22	19.12	19.15				
10	256QAM	25	12	19.26	19.15	19.15	20	5		
10	256QAM	25	24	19.12	19.24	19.15				
10	256QAM	50	0	19.03	19.28	19.14				
Channel 1887.5 18900 19175										
Frequency (MHz)										
5	QPSK	1	0	24.15	24.28	24.17				
5	QPSK	1	12	24.18	24.18	24.23	25	0		
5	QPSK	1	24	24.05	24.22	24.14				
5	QPSK	12	0	23.22	23.29	23.12				
5	QPSK	12	7	23.13	23.24	23.23	24	1		
5	QPSK	12	14	23.05	23.21	23.16				
5	QPSK	25	0	23.18	23.30	23.20				
5	16QAM	1	0	23.44	23.51	23.40	24	1		
5	16QAM	1	12	23.42	23.43	23.39				
5	16QAM	1	24	23.28	23.38	23.28				
5	16QAM	12	0	22.17	22.33	22.19				
5	16QAM	12	7	22.12	22.23	22.16	23	2		
5	16QAM	12	13	22.17	22.14	22.15				
5	16QAM	25	0	22.17	22.24	22.16				
5	64QAM	1	0	22.39	22.41	22.35				
5	64QAM	1	12	22.29	22.46	22.27	23	2		
5	64QAM	1	24	22.18	22.31	22.35				
5	64QAM	12	0	21.16	21.36	21.18	24	2		
5	64QAM	12	7	21.23	21.33	21.22	22	3		
5	64QAM	12	13	21.19	21.20	21.21				
5	256QAM	1	0	19.10	19.26	19.14				
5	256QAM	1	12	19.13	19.16	19.15	20	5		
5	256QAM	1	24	19.13	19.16	19.15				
5	256QAM	12	0	19.19	19.20	19.18				
5	256QAM	12	7	19.13	19.22	19.17	20	5		
5	256QAM	12	13	19.15	19.16	19.23				
5	256QAM	25	0	19.13	19.17	19.22				
Channel 1887.5 18900 19200										
Frequency (MHz)										
3	QPSK	1	0	24.14	24.32	24.16				
3	QPSK	1	8	24.11	24.28	24.15	25	0		
3	QPSK	1	14	24.03	24.23	24.16				
3	QPSK	8	0	23.21	23.25	23.19				
3	QPSK	8	4	23.20	23.30	23.24	24	1		
3	QPSK	8	7	23.14	23.21	23.14				
3	QPSK	15	0	23.13	23.28	23.10				
3	16QAM	1	0	23.39	23.46	23.38	24	1		
3	16QAM	1	8	23.38	23.53	23.43				
3	16QAM	1	14	23.28	23.32	23.38				
3	16QAM	8	0	22.23	22.36	22.16				
3	16QAM	8	4	22.12	22.31	22.18	23	2		
3	16QAM	8	7	22.13	22.23	22.17				
3	16QAM	15	0	22.16	22.29	22.16				
3	64QAM	1	0	22.46	22.33	22.37				
3	64QAM	1	8	22.35	22.40	22.38	23	2		
3	64QAM	1	14	22.18	22.33	22.35				
3	64QAM	8	0	21.15	21.29	21.23				
3	64QAM	8	4	21.13	21.23	21.19	22	3		
3	64QAM	8	7	21.11	21.29	21.18				
3	64QAM	15	0	21.11	21.23	21.15				
3	256QAM	1	0	19.03	19.27	19.05	20	5		
3	256QAM	1	14	19.03	19.26	19.18				
3	256QAM	1	28	19.03	19.26	19.18				
3	256QAM	8	4	19.06	19.08	19.21	20	5		
3	256QAM	8	7	19.18	19.23	19.17				
3	256QAM	15	0	19.15	19.21	19.14				
3	256QAM	3	0	19.12	19.22	19.22	20	5		
3	256QAM	3	1	19.12	19.22	19.22				
3	256QAM	3	2	19.12	19.22	19.22				
3	256QAM	3	3	19.12	19.22	19.22				
3	256QAM	3	4	19.12	19.22	19.22				
3	256QAM	3	5	19.12	19.22	19.22				
3	256QAM	3	6	19.12	19.22	19.22				
3	256QAM	3	7	19.12	19.22	19.22				
3	256QAM	3	8	19.12	19.22	19.22				
3	256QAM	3	9	19.12	19.22	19.22				
3	256QAM	3	10	19.12	19.22	19.22				
3	256QAM	3	11	19.12	19.22	19.22				
3	256QAM	3	12	19.12	19.22	19.22				
3	256QAM	3	13</							

Band 7_Ant 0										
BW (MHz)	Modulation	RE Size	RB Offset	Power Low Ch / Freq.	Power Med Ch / Freq.	Power High Ch / Freq.	Timeuse (int./dim.)	MPR (dB)		
Channel										
Frequency (MHz)							25505	25505	25505	
20	QPSK	1	0	23.35	23.31	23.21	24	0		
20	QPSK	1	48	23.18	23.22	23.14				
20	QPSK	1	96	23.02	23.25	23.14				
20	QPSK	50	0	22.25	22.30	22.18				
20	QPSK	50	24	22.21	22.28	22.16	23	1		
20	QPSK	50	50	22.15	22.24	22.15				
20	HQAM	1	0	22.31	22.31	22.21				
20	HQAM	1	48	22.28	22.48	22.25				
20	HQAM	1	96	22.28	22.47	22.25	23	1		
20	HQAM	50	0	21.15	21.20	21.12				
20	HQAM	50	24	21.17	21.24	21.16				
20	HQAM	50	50	21.17	21.30	21.16				
20	HQAM	100	0	21.14	21.19	21.15	22	2		
20	HQAM	1	0	21.21	21.22	21.22				
20	HQAM	1	48	21.35	21.43	21.24				
20	HQAM	1	96	21.30	21.38	21.25				
20	HQAM	50	0	20.15	20.22	20.15	21	3		
20	HQAM	50	24	20.22	20.29	20.15				
20	HQAM	50	50	20.22	20.28	20.13				
20	SSBDM	1	0	18.25	18.29	18.06				
20	SSBDM	1	48	18.25	18.18	18.07	19	5		
20	SSBDM	1	96	18.21	18.18	18.13				
20	SSBDM	50	0	18.24	18.27	18.13				
20	SSBDM	50	24	18.25	18.27	18.12				
20	SSBDM	50	50	18.25	18.27	18.12	19	5		
20	SSBDM	100	0	18.22	18.24	18.06				
Channel										
Frequency (MHz)									2567.5 <th>2567.5</th> <th>2567.5</th> <th></th>	2567.5
15	QPSK	1	0	23.14	23.20	23.13	24	0		
15	QPSK	1	37	23.18	23.14	23.08				
15	QPSK	1	74	23.22	23.11	23.04				
15	QPSK	36	0	22.19	22.22	22.11				
15	QPSK	36	20	22.19	22.22	22.08	23	1		
15	QPSK	36	39	22.19	22.22	22.08				
15	QPSK	75	0	22.11	22.13	22.10				
15	HQAM	1	0	22.23	22.17	22.18				
15	HQAM	1	37	22.22	22.07	22.13	23	1		
15	HQAM	1	74	22.17	22.35	22.31				
15	HQAM	36	0	21.87	21.10	20.88				
15	HQAM	36	20	21.12	21.29	21.08				
15	HQAM	36	39	21.12	21.22	21.11	22	2		
15	HQAM	75	0	20.95	21.09	21.11				
15	HQAM	1	37	21.33	21.41	21.14				
15	HQAM	1	74	21.16	21.25	21.24				
15	HQAM	36	0	20.95	20.10	20.13	22	2		
15	HQAM	36	20	20.92	20.22	20.15				
15	HQAM	36	39	20.95	20.20	20.13				
15	SSBDM	1	0	18.21	18.23	18.04				
15	SSBDM	1	37	18.25	18.15	17.98	19	5		
15	SSBDM	1	74	18.21	18.13	18.10				
15	SSBDM	36	0	18.13	18.13	17.98				
15	SSBDM	36	20	17.98	18.16	18.14				
15	SSBDM	36	39	18.22	18.15	18.03	19	5		
15	SSBDM	75	0	18.09	18.23	17.94				
Channel										
Frequency (MHz)									2585.5 <th>2585.5</th> <th>2585.5</th> <th></th>	2585.5
15	QPSK	1	0	23.26	23.26	23.06	24	0		
15	QPSK	1	25	23.07	23.14	23.04				
15	QPSK	1	50	23.13	23.25	23.04				
15	QPSK	25	0	22.09	22.15	22.08				
15	QPSK	25	12	22.13	22.19	22.10	23	1		
15	QPSK	25	25	22.11	22.15	22.10				
15	QPSK	50	0	22.20	22.13	22.04				
15	HQAM	1	0	22.18	22.20	22.14				
15	HQAM	1	25	22.38	22.45	22.23	23	1		
15	HQAM	1	48	22.38	22.47	22.25				
15	HQAM	25	0	21.13	21.14	21.00				
15	HQAM	25	12	21.14	21.20	21.15				
15	HQAM	25	25	21.09	21.16	21.16	22	2		
15	HQAM	50	0	21.05	21.15	21.13				
15	HQAM	1	0	21.13	21.21	21.08				
15	HQAM	1	25	21.23	21.38	21.25				
15	HQAM	1	48	21.16	21.32	21.19	22	2		
15	HQAM	25	0	20.10	20.19	20.05				
15	HQAM	25	12	20.21	20.14	20.10				
15	HQAM	25	25	20.16	20.15	20.08				
15	SSBDM	1	0	18.17	18.19	18.02	19	5		
15	SSBDM	1	48	18.16	18.12	18.12				
15	SSBDM	1	96	18.14	18.13	18.12				
15	SSBDM	25	0	18.11	18.15	18.03				
15	SSBDM	25	12	18.25	18.24	18.05	19	5		
15	SSBDM	25	25	18.13	18.15	18.03				
15	SSBDM	50	0	18.18	18.18	17.99				
Channel										
Frequency (MHz)							2597.5 <th>2597.5</th> <th>2597.5</th> <th></th>	2597.5	2597.5	
5	QPSK	1	0	24.18	24.15	24.01	24	0		
5	QPSK	1	12	24.21	24.18	24.12				
5	QPSK	1	24	24.17	24.14	24.15				
5	QPSK	12	0	24.13	24.15	24.03				
5	QPSK	12	7	24.14	24.15	24.08	24	1		
5	QPSK	12	14	24.17	24.15	24.13				
5	QPSK	25	0	24.13	24.15	24.09				
5	QPSK	8	0	24.15	24.23	24.20				
5	QPSK	8	4	24.18	24.23	24.20	24	1		
5	QPSK	16	0	24.13	24.15	24.10				
5	QPSK	16	8	24.17	24.15	24.13				
5	QPSK	16	16	24.20	24.23	24.25				
5	HQAM	1	0	23.47	23.44	23.54	24	1		
5	HQAM	1	12	23.52	23.48	23.62				
5	HQAM	1	24	23.48	23.41	23.59				
5	HQAM	8	0	22.28	22.24	22.28				
5	HQAM	8	4	22.29	22.27	22.32	23	2		
5	HQAM	8	7	22.29	22.28	22.28				
5	HQAM	15	0	22.40	22.23	22.22				
5	HQAM	15	0	22.38	22.29	22.33				
5	HQAM	1	8	22.40	22.44	22.29	23	2		
5	HQAM	1	16	22.51	22.56	22.41				
5	HQAM	8	0	21.50	21.22	21.25				
5	HQAM	8	4	21.29	21.27	21.19				
5	HQAM	8	7	21.29	21.27	21.19	23	2		
5	HQAM	15	0	20.10	20.19	20.05				
5	HQAM	15	7	20.21	20.14	20.10				
5	HQAM	15	14	20.16	20.15	20.08				
5	SSBDM	1	0	18.17	18.19	18.02	19	5		
5	SSBDM	1	8	18.16	18.12	18.02				
5	SSBDM	1	16	18.15	18.12	18.02				
5	SSBDM	12	0	18.10	18.13	17.97				
5	SSBDM	12	6	18.14	18.12	18.12	19	5		
5	SSBDM	12	12	18.13	18.12	18.02				
5	SSBDM	25	0	18.04	20.08	20.08				
5	SSBDM	25	6	18.02	18.02	18.02				
5	SSBDM	1	12	18.05	18.02	17.91	19	5		
5	SSBDM	1	24	17.99	18.02	18.09				
5	SSBDM	1	36	17.91	17.95	17.95				
5	SSBDM	12	7	18.00	18.00	17.97				
5	SSBDM	12	13	17.99	18.04	18.03	19	5		
5	SSBDM	12	19	17.99	18.04	17.97				
5	SSBDM	12	25	17.99	18.04	17.97				
5	SSBDM	12	31	17.99	18.04	17.97				

Band 30_Ant 0												
BW [MHz]	Modulation	RB Size	RE Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Turn-up time (min)	MPE (dB)				
Channel												
Frequency (MHz)												
2310												
10	QPSK	1	0	23.97			24.5	0				
10	QPSK	1	25	23.97								
10	QPSK	1	49	23.87								
10	QPSK	25	0	22.94			23.5	1				
10	QPSK	25	12	22.91								
10	QPSK	25	25	22.91								
10	QPSK	50	0	22.50			23.5	1				
10	16QAM	1	0	23.03								
10	16QAM	1	25	23.10								
10	16QAM	1	49	23.10			23.5	1				
10	16QAM	25	0	21.85								
10	16QAM	25	12	21.87								
10	16QAM	25	25	21.97			22.5	2				
10	16QAM	50	0	21.95								
10	16QAM	50	0	22.50								
10	64QAM	1	25	22.10			21.5	3				
10	64QAM	1	49	22.12								
10	64QAM	25	0	20.97								
10	64QAM	25	12	20.98			19.5	5				
10	64QAM	25	25	20.97								
10	64QAM	50	0	20.98								
10	256QAM	1	0	18.99			19.5	5				
10	256QAM	1	25	18.97								
10	256QAM	1	49	18.96								
10	256QAM	25	0	18.89			19.5	5				
10	256QAM	25	12	18.97								
10	256QAM	25	25	18.89								
10	256QAM	50	0	18.92			19.5	5				
10	256QAM	50	0	18.92								
10	256QAM	50	0	18.92								
Channel												
Frequency (MHz)												
27685, 27710, 27735												
5	QPSK	1	0	23.89	23.98	23.98	24.5	0				
5	QPSK	1	12	23.87	23.98	23.93						
5	QPSK	1	24	23.82	23.71	23.71						
5	QPSK	12	0	22.86	22.92	22.89	23.5	1				
5	QPSK	12	7	22.76	22.92	22.83						
5	QPSK	12	13	22.85	22.90	22.85						
5	QPSK	25	0	22.91	22.80	22.91	23.5	1				
5	16QAM	1	0	23.01	22.90	22.96						
5	16QAM	1	12	23.14	23.14	23.12						
5	16QAM	1	24	23.02	23.02	23.07	22.5	2				
5	16QAM	12	0	21.81	21.81	21.83						
5	16QAM	12	7	21.91	21.88	21.90						
5	16QAM	12	13	21.94	21.92	21.96	22.5	2				
5	16QAM	25	0	21.98	21.88	21.90						
5	64QAM	1	0	22.01	21.98	22.02						
5	64QAM	1	12	22.05	22.02	22.02	22.5	2				
5	64QAM	1	24	22.01	21.97	22.02						
5	64QAM	12	0	20.98	20.99	20.98						
5	64QAM	12	7	20.92	20.92	20.99	21.5	3				
5	64QAM	12	13	20.90	20.92	20.92						
5	64QAM	25	0	20.94	20.95	20.91						
5	256QAM	1	0	18.87	18.85	18.97	19.5	5				
5	256QAM	1	12	18.83	18.72	18.79						
5	256QAM	1	24	18.89	18.92	18.86						
5	256QAM	12	0	18.73	18.73	18.84	19.5	5				
5	256QAM	12	7	18.69	18.84	18.85						
5	256QAM	12	13	18.84	18.79	18.80						
5	256QAM	25	0	18.88	18.82	18.85	19.5	5				
5	256QAM	25	0	18.88	18.82	18.85						
5	256QAM	25	0	18.88	18.82	18.85						

Band 66_Ant 0												
BW [MHz]	Modulation	RB Size	RE Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Turn-up time (min)	MPE (dB)				
Channel												
Frequency (MHz)												
				13072	13252	13572						
20	QPSK	1	0	24.30	24.30	24.30	25	0				
20	QPSK	1	49	24.14	24.26	24.30						
20	QPSK	1	98	24.00	24.10	24.22						
20	QPSK	50	0	23.28	23.32	23.31	24	1				
20	QPSK	50	24	23.15	23.28	23.29						
20	QPSK	50	50	23.13	23.21	23.24						
20	QPSK	100	0	23.14	23.27	23.21	24	1				
20	16QAM	1	0	23.37	23.52	23.55						
20	16QAM	1	49	23.38	23.47	23.51						
20	16QAM	1	99	23.32	23.37	23.37	23	2				
20	16QAM	50	0	22.14	22.30	22.33						
20	16QAM	50	24	22.18	22.28	22.31						
20	16QAM	50	50	22.15	22.24	22.28	23	2				
20	16QAM	100	0	22.15	22.25	22.30						
20	64QAM	1	0	22.35	22.46	22.50						
20	64QAM	1	49	22.39	22.48	22.43	23	2				
20	64QAM	1	99	22.32	22.35	22.36						
20	64QAM	50	0	21.17	21.30	21.33						
20	64QAM	50	24	21.16	21.32	21.32	22	3				
20	64QAM	50	50	21.18	21.25	21.31						
20	64QAM	100	0	21.18	21.28	21.31						
20	256QAM	1	0	19.23	19.31	19.22	20	5				
20	256QAM	1	49	19.19	19.34	19.25						
20	256QAM	1	99	19.20	19.24	19.31						
20	256QAM	50	0	19.17	19.31	19.28	20	5				
20	256QAM	50	24	19.24	19.22	19.27						
20	256QAM	50	50	19.13	19.26	19.21						
20	256QAM	100	0	19.24	19.30	19.20	19.5	5				
20	256QAM	100	0	19.24	19.30	19.20						
20	256QAM	100	0	19.24	19.30	19.20						
Channel												
Frequency (MHz)												
				1717.5	1745	1775.5						
15	QPSK	1	0	24.18	24.30	24.20	25	0				
15	QPSK	1	37	24.07	24.25	24.21						
15	QPSK	1	74	23.92	24.12	24.12						
15	QPSK	36	0	23.25	23.28	23.20	24	1				
15	QPSK	36	20	23.08	23.20	23.23						
15	QPSK	36	36	23.08	23.08	23.09						
15	QPSK	75	0	23.11	23.25	23.13	24	1				
15	16QAM	1	0	23.22	23.43	23.49						
15	16QAM	1	37	23.25	23.43	23.48						
15	16QAM	1	74	23.26	23.28	23.24	23	2				
15	16QAM	36	0	22.01	22.22	22.31						
15	16QAM	36	20	22.15	22.21	22.22						
15	16QAM	36	36	22.10	22.09	22.25	23	2				
15	16QAM	75	0	22.01	22.16	22.20						
15	16QAM	75	0	22.35	22.38	22.37						
15	64QAM	1	37	22.37	22.41	22.38	23	2				
15	64QAM	1	74	22.24	22.34	22.32						
15	64QAM	36	0	21.09	21.23	21.20						
15	64QAM	36	20	21.05	21.20	21.20	22	3				
15	64QAM	36	36	21.06	21.11	21.10						
15	64QAM	36	36	21.12	21.11	21.10						
15	256QAM	1	0	19.17	19.30	19.14	20	5				
15	256QAM	1	49	19.07	19.18	19.16						
15	256QAM	1	99	19.18	19.22	19.23						
15	256QAM	50	0	19.17	19.31	19.28	20	5				
15	256QAM	50	24	19.24	19.22	19.27						
15	256QAM	50	50	19.11	19.24	19.17						
15	256QAM	100	0	19.24	19.30	19.20	19.5	5				
15	256QAM	100	0	19.24	19.30	19.20						
15	256QAM	100	0	19.24	19.30	19.20						
Channel												
Frequency (MHz)												
				1712.5	1745	1777.5						
3	QPSK	1	0	24.12	24.23	24.18	25	0				
3	QPSK	1	12	24.04	24.14	24.13						
3	QPSK	1	24	23.91	24.11	24.10						
3	QPSK	25	0	23.19	23.26	23.17	24	1				
3	QPSK	25	12	23.08	23.20	23.23						
3	QPSK	25	25	23.00	23.00	23.09						
3	QPSK	50	0	23.07	23.17	23.16	24	1				
3	QPSK	50	12	23.00	23.14	23.18						
3	QPSK	50	25	23.00	23.04	23.08						
3	QPSK	1	0	23.30	23.44	23.49	24	1				
3	QPSK	1	12	23.27	23.42	23.47						
3	QPSK	1	24	23.21	23.41	23.47						
3	QPSK	12	0	23.10	23.22	23.27	23	2				
3	QPSK	12	7	23.02	23.22	23.28						
3	QPSK	12	12	23.00	23.20	23.26						
3	QPSK	25	0	23.00	23.19	23.18	23	2				
3	QPSK	25	12	22.92	23.18	23.24						
3	QPSK	25	25	22.90	23.12	23.16						
3	QPSK	1	0	23.30	23.32	23.30	23	2				
3	QPSK	1	12	23.29	23.33	23.33						
3	QPSK	1	24	23.26	23.32	23.28						
3	QPSK	12	0	21.15	21.26	21.22	22	3				
3	QPSK	12	12	21.08	21.20	21.21						
3	QPSK	12	24	21.08	21.17	21.18						
3	QPSK	25	0	21.08	21.21	21.26	20	5				
3	QPSK	25	12	21.00	21.10	21.18						
3	QPSK	25	25	21.00	21.00	21.09						
3	256QAM	1	0	19.15	19.23	19.26	20	5				
3	256QAM	1	12	19.08	19.18	19.25						
3	256QAM	1	24	19.08	19.16	19.23						
3	256QAM	12	0	19.09	19.21	19.18	20	5				
3	256QAM	12	12	19.08	19.18	19.15						
3	256QAM	12	24	19.08	19.15	19.15						
3	256QAM	25	0	19.15	19.23	19.23	19.5	5				
3	256QAM	25	0	19.15	19.23	19.23						
3	256QAM	25	0	19.15	19.23	19.23						
Channel												
Frequency (MHz)												
				1711.5	1745	1778.5						
3	QPSK	1	0	24.21	24.21	24.21	25	0				
3	QPSK	1	14	24.13	24.21	24.21						
3	QPSK	1	28	24.06	24.13	24.19						
3	QPSK	8	0	23.16	23.16	23.20	24	1				
3	QPSK	8	7	23.10	23.15	23.19						
3	QPSK	8	14	23.09	23.11	23.10						
3	QPSK	16	0	23.09	23.24	23.21	24	1				
3	QPSK	16	8	23.05	23.24	23.21						
3	QPSK	16	16	23.04	23.24	23.21						
3	QPSK	1	0	23.23	23.40	23.36	24	1				
3	QPSK	1	14	23.20	23.36	23.35						
3	QPSK	1	28	23.18	23.36	23.35						
3	QPSK	8	0	23.08	23.28	23.28	23	2				
3	QPSK	8	7	23.06	23.26	23.26						
3	QPSK	8	14	23.05	23.26	23.26						
3	QPSK	1	0	23.24	23.17	23.28	23	2				
3	QPSK	1	8	23.23	23.16	23.27						
3	QPSK	1	16	23.22	23.17	23.27						
3	QPSK	8	0	23.32	23.37	23.48	23	2				
3	QPSK	8	7	23.31	23.37	23.47						
3	QPSK	8	14	23.21	23.37	23.47						
3	QPSK	16	0	23.15	23.16	23.18	22	3				
3	QPSK	16	8	23.11	23.16	23.18						
3	QPSK	16	16	23.10	23.16	23.18						
3	QPSK	1	0	21.15	21.28	21.24	20	5				
3	QPSK	1	8	21.08	21.28	21.27						
3	QPSK	1	16	21.07	21.28	21.27						
3	256QAM	1	0	19.18	19.17	19.17	20	5				
3	256QAM	1	8	19.17	19.18	19.20						
3	256QAM	1	16	19.16	19.18	19.20						
3	256QAM	8	0	19.23	19.28	19.18	20	5				
3	256QAM	8	7	19.20	19.23	19.18						
3	256QAM	8	14	19.19	19.23	19.11						
3	256QAM	16	0	19.27	19.23	19.23	19.5	5				
3	256QAM	16	0	19.27	19.23	19.23						
3	256QAM	16	0	19.27	19.23	19.23						
Channel												
Frequency (MHz)												
				1713.5	1745	1778.5						
14	QPSK	1	0	24.20	24.26	24.24	25	0				
14	QPSK	1	14	24.12	24.24	24.24						
14	QPSK	1	28	24.06	24.17	24.17						
14	QPSK	3	0	24.06	24.12	24.17	24	1				
14	QPSK	3	14	24.00	24.12	24.17						
14	QPSK	3	28	24.06	24.11	24.19						
14	QPSK	1	0	23.08	23.13	23.19	24	1				
14	QPSK	1	14	23.04	23.13	23.19						
14	QPSK	1	28	23.00	23.08	23.16						
14	QPSK	3	0	23.06	23.08	23.16	24	1				
14	QPSK	3	14	23.03	23.08	23.16						
14	QPSK	3	28	23.03	23.08	23.16						
14	QPSK	1	0	23.15	23.22	23.21	23	2				
14	QPSK	1	14	23.12	23.21	23.21						
14	QPSK	1	28	23.07	23.24	23.23						
14	QPSK	3	0	23.27	23.42	23.39	23	2				
14	QPSK	3	14	23.24	23.42	23.39						
14	QPSK	3	28	23.21	23.42	23.39						
14	QPSK	1	0	23.21	23.27	23.21	23	2				
14	QPSK	1	14	23.21	23.27	23.21						
14	QPSK	1	28	23.21	23.27	23.21						
14	QPSK	3	0	23.20	23.23	23.20	22	3				
14	QPSK	3	14	23.19	23.23	23.20						
14	QPSK	3	28	23.19	23.23	23.21						
14	QPSK	1	0	21.08	21.17	21.18	22	3				
14	QPSK	1	14	21.07	21.17	21.18						
14	QPSK	1	28	21.07	21.17	21.18						
14	256QAM	1	0	19.07	19.12	19.13	20	5				
14	256QAM	1	8	19.06	19.12	19.13						
14	256QAM	1	16	19.06	19.12	19.13						
14	256QAM	3	0	19.21	19.20	19.15	20	5				
14	256QAM	3	8	19.05	19.08	19.10						
14	256QAM	3	16	19.05	19.08	19.10						
14	256QAM	1	0	19.20	19.20	19.20	19.5	5				
14	256QAM	1	0	19.20	19.20	1						

Receiver off Power

Band	WCDMA V_Ant 0				WCDMA V_Ant 0				WCDMA V_Ant 0				
	TX Channel			Tune-up Limit (dBm)	1312 1413 1513			Tune-up Limit (dBm)	4132 4182 4232			Tune-up Limit (dBm)	
	Rx Channel				1537 1638 1738				4357 4407 4458				
Frequency (MHz)				1852.4	1880	1907.6	1712.4	1732.6	1752.6	526.4	536.4	546.6	
3GPP Rel 99	AMR 12.2Kbps	21.13	21.21	21.15	21.50	19.26	19.21	19.18	20.00	21.81	21.85	21.81	22.50
3GPP Rel 99	AMR 12.2Kbps	21.18	21.25	21.20	21.50	19.33	19.34	19.25	20.00	21.88	21.93	21.83	22.50
3GPP Rel 6	HSDPA Subtest-1	20.19	20.23	20.15	20.50	18.26	18.43	18.37	19.00	20.90	20.82	20.83	21.50
3GPP Rel 6	HSDPA Subtest-2	20.11	20.15	20.18	20.50	18.34	18.36	18.31	19.00	20.87	20.89	20.90	21.50
3GPP Rel 6	HSDPA Subtest-3	19.64	19.81	19.71	20.00	17.84	17.95	17.82	18.50	20.44	20.42	20.47	21.00
3GPP Rel 6	HSDPA Subtest-4	19.64	19.73	19.72	20.00	17.83	17.83	17.81	18.50	20.46	20.38	20.40	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	20.11	20.02	20.15	20.50	18.19	18.29	18.20	19.00	20.75	20.85	20.74	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	20.07	20.15	20.00	20.50	18.24	18.25	18.15	19.00	20.71	20.80	20.73	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	19.44	19.68	19.69	20.00	17.65	17.70	17.76	18.50	20.43	20.29	20.24	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	19.52	19.62	19.60	20.00	17.71	17.74	17.69	18.50	20.26	20.29	20.29	21.00
3GPP Rel 6	HSPA Subtest-1	18.10	18.11	18.25	18.50	16.30	16.31	16.31	17.00	18.78	18.84	18.74	19.50
3GPP Rel 6	HSPA Subtest-2	18.03	18.12	18.22	18.50	16.22	16.35	16.36	17.00	18.77	18.82	18.76	19.50
3GPP Rel 6	HSPA Subtest-3	19.10	19.14	19.19	19.50	11.41	17.41	17.42	18.00	19.80	19.79	19.89	20.50
3GPP Rel 6	HSPA Subtest-4	17.66	17.73	17.81	18.00	15.86	15.90	15.90	16.50	18.30	18.36	18.39	19.00
3GPP Rel 6	HSPA Subtest-5	18.11	18.11	18.31	19.50	17.30	17.36	17.47	18.00	19.76	19.85	19.86	20.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.02	18.14	18.10	18.50	16.25	16.22	16.25	17.00	18.74	18.70	18.63	19.50

Band 2_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Turn-up Int. (dB)	MPE (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	18.88	18.97	18.98				
20	QPSK	1	49	18.85	18.88	18.84	20	0		
20	QPSK	1	99	18.83	18.85	18.80				
20	QPSK	50	0	18.95	18.95	18.95				
20	QPSK	50	24	18.72	18.94	18.81				
20	QPSK	50	49	18.78	18.87	18.86				
20	QPSK	100	0	18.77	18.91	18.84				
20	16QAM	1	0	18.85	18.93	18.71				
20	16QAM	1	49	18.77	18.88	18.78	20	0		
20	16QAM	1	99	18.81	18.83	18.74				
20	16QAM	50	0	18.83	18.87	18.72				
20	16QAM	50	24	18.82	18.95	18.74				
20	16QAM	50	49	18.78	18.86	18.84	20	0		
20	16QAM	100	0	18.73	18.93	18.82				
20	64QAM	1	0	18.73	18.94	18.77				
20	64QAM	1	49	18.72	18.81	18.73	20	0		
20	64QAM	1	99	18.79	18.93	18.78				
20	64QAM	50	0	18.79	18.92	18.79				
20	64QAM	50	24	18.83	18.81	18.73	20	0		
20	64QAM	50	49	18.82	18.82	18.82				
20	256QAM	1	0	18.77	18.93	18.83				
20	256QAM	1	49	18.71	18.85	18.74	20	0		
20	256QAM	1	99	18.85	18.93	18.71				
20	256QAM	50	0	18.81	18.92	18.75				
20	256QAM	50	24	18.78	18.85	18.83	20	0		
20	256QAM	50	49	18.85	18.83	18.78				
20	256QAM	100	0	18.78	18.90	18.71				
Channel										
Frequency (MHz)										
16	QPSK	1	0	18.82	18.84	18.96				
16	QPSK	1	37	18.84	18.73	18.76	20	0		
16	QPSK	1	74	18.83	18.83	18.83				
16	QPSK	36	0	18.92	18.94	18.84				
16	QPSK	36	20	18.82	18.88	18.88	20	0		
16	QPSK	36	36	18.82	18.84	18.84				
16	QPSK	75	0	18.82	18.90	18.90				
16	16QAM	1	0	18.85	18.78	18.92				
16	16QAM	1	37	18.81	18.79	18.79	20	0		
16	16QAM	1	74	18.70	18.78	18.83				
16	16QAM	36	0	18.84	18.75	18.86				
16	16QAM	36	20	18.85	18.81	18.81	20	0		
16	16QAM	36	36	18.73	18.75	18.73				
16	16QAM	75	0	18.81	18.90	18.79				
16	64QAM	1	0	18.89	18.74	18.81				
16	64QAM	1	37	18.70	18.68	18.71				
16	64QAM	1	74	18.86	18.90	18.81				
16	64QAM	36	0	18.77	18.73	18.81				
16	64QAM	36	20	18.71	18.72	18.77	20	0		
16	64QAM	36	36	18.80	18.72	18.68				
16	64QAM	75	0	18.79	18.88	18.88				
16	256QAM	1	0	18.79	18.92	18.80				
16	256QAM	1	37	18.83	18.75	18.82	20	0		
16	256QAM	1	74	18.78	18.78	18.81				
16	256QAM	36	0	18.91	18.78	18.83				
16	256QAM	36	20	18.84	18.84	18.84	20	0		
16	256QAM	36	36	18.74	18.78	18.73				
16	256QAM	75	0	18.88	18.74	18.89				
Channel										
Frequency (MHz)										
10	QPSK	1	0	18.84	18.84	18.84				
10	QPSK	1	25	18.78	18.88	18.82	20	0		
10	QPSK	1	49	18.82	18.83	18.83				
10	QPSK	25	0	18.83	18.88	18.93				
10	QPSK	25	12	18.84	18.85	18.87	20	0		
10	QPSK	25	24	18.78	18.82	18.86				
10	QPSK	50	0	18.81	18.78	18.83				
10	16QAM	1	0	18.92	18.85	18.88				
10	16QAM	1	25	18.78	18.86	18.77	20	0		
10	16QAM	1	49	18.73	18.78	18.73				
10	16QAM	25	0	18.75	18.78	18.74				
10	16QAM	25	12	18.86	18.83	18.87	20	0		
10	16QAM	25	24	18.82	18.83	18.81				
10	16QAM	50	0	18.90	18.88	18.81				
10	64QAM	1	0	18.78	18.69	18.83				
10	64QAM	1	25	18.69	18.69	18.79	20	0		
10	64QAM	1	49	18.80	18.82	18.79				
10	64QAM	25	0	18.71	18.67	18.73				
10	64QAM	25	12	18.75	18.72	18.75				
10	64QAM	25	24	18.79	18.75	18.76	20	0		
10	64QAM	50	0	18.84	18.89	18.93				
10	256QAM	1	0	18.67	18.62	18.78				
10	256QAM	1	25	18.74	18.79	18.71	20	0		
10	256QAM	1	49	18.79	18.85	18.87				
10	256QAM	25	0	18.69	18.67	18.68				
10	256QAM	25	12	18.75	18.75	18.75	20	0		
10	256QAM	25	24	18.81	18.70	18.85				
10	256QAM	50	0	18.77	18.71	18.79				
Channel										
Frequency (MHz)										
5	QPSK	1	0	18.84	18.82	18.87				
5	QPSK	1	12	18.80	18.87	18.80	20	0		
5	QPSK	1	24	18.83	18.85	18.85				
5	QPSK	12	0	18.82	18.88	18.93				
5	QPSK	12	7	18.85	18.89	18.83	20	0		
5	QPSK	12	13	18.74	18.75	18.75				
5	QPSK	25	0	18.85	18.89	18.93				
5	16QAM	1	0	18.90	18.85	18.85				
5	16QAM	1	12	18.85	18.75	18.81	20	0		
5	16QAM	1	24	18.73	18.78	18.71				
5	16QAM	12	0	18.73	18.73	18.78				
5	16QAM	12	7	18.80	18.89	18.84	20	0		
5	16QAM	12	13	18.76	18.83	18.80				
5	16QAM	25	0	18.82	18.82	18.87				
5	64QAM	1	0	18.69	18.70	18.73				
5	64QAM	1	12	18.74	18.67	18.78	20	0		
5	64QAM	1	24	18.83	18.84	18.82				
5	64QAM	12	0	18.69	18.80	18.80				
5	64QAM	12	7	18.66	18.73	18.69	20	0		
5	64QAM	12	13	18.79	18.76	18.71				
5	64QAM	25	0	18.84	18.85	18.88				
5	256QAM	1	0	18.84	18.80	18.79	20	0		
5	256QAM	1	12	18.83	18.85	18.79				
5	256QAM	1	24	18.84	18.85	18.78				
5	256QAM	12	0	18.79	18.91	18.84				
5	256QAM	12	7	18.79	18.84	18.78	20	0		
5	256QAM	12	13	18.76	18.81	18.74				
5	256QAM	25	0	18.70	18.73	18.69				
Channel										
Frequency (MHz)										
3	QPSK	1	0	18.84	18.86	18.93				
3	QPSK	1	8	18.76	18.75	18.78	20	0		
3	QPSK	1	14	18.82	18.86	18.85				
3	QPSK	8	0	18.86	18.92	18.86				
3	QPSK	8	4	18.83	18.81	18.79	20	0		
3	QPSK	8	7	18.81	18.77	18.79				
3	QPSK	15	0	18.77	18.88	18.78				
3	16QAM	1	0	18.92	18.78	18.92				
3	16QAM	1	8	18.84	18.80	18.85	20	0		
3	16QAM	1	14	18.77	18.75	18.76				
3	16QAM	8	0	18.78	18.70	18.86				
3	16QAM	8	4	18.82	18.84	18.82	20	0		
3	16QAM	8	7	18.76	18.73	18.77				
3	16QAM	15	0	18.89	18.85	18.85				
3	64QAM	1	0	18.69	18.77	18.73				
3	64QAM	1	8	18.73	18.71	18.66	20	0		
3	64QAM	1	14	18.84	18.86	18.85				
3	64QAM	8	0	18.75	18.74	18.72				
3	64QAM	8	4	18.79	18.71	18.67	20	0		
3	64QAM	8	7	18.67	18.70	18.69				
3	64QAM	15	0	18.81	18.87	18.89				
3	256QAM	1	0	18.92	18.83	18.92				
3	256QAM	1	8	18.84	18.89	18.88	20	0		
3	256QAM	1	14	18.84	18.88	18.79				
3	256QAM	8	0	18.84	18.86	18.82				
3	256QAM	8	4	18.78	18.72	18.78	20	0		
3	256QAM	8	7	18.77	18.80	18.74				
3	256QAM	15	0	18.78	18.88	18.78				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	18.80	18.90	19.00				
1.4	QPSK	1	8	18.78	18.78	18.78				
1.4	QPSK	1	6	18.82	18.82	18.89				
1.4	QPSK	1	14	18.84	18.84	18.84				
1.4	QPSK	3	0	18.90	18.81	18.82				
1.4	QPSK	3	3	18.72	18.76	18.86				
1.4	QPSK	3	7	18.73	18.79	18.79	20	0		
1.4	QPSK	3	10	18.81	18.90	18.78				
1.4	16QAM	1	0	18.78	18.81	18.81				
1.4	16QAM	1	8	18.77	18.77	18.77	20	0		
1.4	16QAM	1	6	18.75	18.85	18.78				
1.4	16QAM	3	0	18.84	18.88	18.88				
1.4	16QAM	3	3							

Band 7_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up freq (MHz)	MPE (dB)	
Channel									
				2080	2100	2120			
Frequency [MHz]				2080	2100	2120			
10	QPSK	1	0	23.26	23.31	23.21	24	0	
10	QPSK	1	49	23.18	23.22	23.14			
10	QPSK	1	99	23.24	23.28	23.16			
10	QPSK	50	0	22.23	22.30	22.16			
10	QPSK	50	24	22.21	22.28	22.16	23	1	
10	QPSK	50	50	22.19	22.24	22.15			
10	QPSK	100	0	22.22	22.24	22.15			
10	16QAM	1	0	22.31	22.31	22.21			
10	16QAM	1	49	22.30	22.48	22.30	23	1	
10	16QAM	1	99	22.26	22.47	22.30			
10	16QAM	50	0	21.15	21.20	21.12			
10	16QAM	50	24	21.17	21.24	21.15	22	2	
10	16QAM	50	50	21.17	21.30	21.17			
10	16QAM	100	0	21.14	21.19	21.16			
10	64QAM	1	0	21.21	21.30	21.20			
10	64QAM	1	49	21.35	21.43	21.24	22	2	
10	64QAM	1	99	21.30	21.38	21.25			
10	64QAM	50	0	20.16	20.22	20.15			
10	64QAM	50	24	20.22	20.25	20.15	21	3	
10	64QAM	50	50	20.22	20.28	20.12			
10	64QAM	100	0	20.18	20.22	20.17			
10	256QAM	1	0	18.25	18.29	18.05			
10	256QAM	1	49	18.19	18.18	18.07	19	5	
10	256QAM	1	99	18.21	18.18	18.15			
10	256QAM	50	0	18.24	18.18	18.05			
10	256QAM	50	24	18.14	18.27	18.18	19	5	
10	256QAM	50	50	18.25	18.22	18.22			
10	256QAM	100	0	18.22	18.24	18.05			
Channel									
Frequency [MHz]				2080	2100	2120	Tune-up freq (MHz)	MPE (dB)	
2080.5				2080.5	2100	2120	2080.5	795.5	
10	QPSK	1	0	23.14	23.20	23.13	24	0	
10	QPSK	1	37	23.16	23.14	23.08			
10	QPSK	1	74	23.22	23.11	23.04			
10	QPSK	36	0	22.19	22.22	22.11			
10	QPSK	36	20	22.19	22.22	22.08	23	1	
10	QPSK	36	36	22.06	22.08	22.05			
10	QPSK	75	0	22.11	22.13	22.10			
10	16QAM	1	0	22.23	22.17	22.15	23	1	
10	16QAM	1	37	22.32	22.47	22.35			
10	16QAM	1	74	22.17	22.35	22.31			
10	16QAM	36	0	21.07	21.10	20.96			
10	16QAM	36	20	21.13	21.19	21.04	22	2	
10	16QAM	36	39	21.13	21.22	21.11			
10	16QAM	75	0	20.09	21.08	21.17			
10	64QAM	1	0	21.02	21.20	21.18			
10	64QAM	1	37	21.33	21.41	21.14	22	2	
10	64QAM	1	74	21.16	21.25	21.24			
10	64QAM	36	0	20.06	20.10	20.15			
10	64QAM	36	20	20.09	20.22	20.12	21	3	
10	64QAM	36	39	20.09	20.19	20.07			
10	64QAM	75	0	20.09	20.20	20.15			
10	256QAM	1	0	18.21	18.23	17.99			
10	256QAM	1	37	18.10	18.15	17.98	19	5	
10	256QAM	1	74	18.07	18.13	18.15			
10	256QAM	36	0	18.13	18.13	17.98			
10	256QAM	36	20	17.99	18.16	18.05	19	5	
10	256QAM	36	39	18.22	18.18	18.03			
10	256QAM	75	0	18.09	18.23	17.94			
Channel									
Frequency [MHz]				2080	2100	2120	Tune-up freq (MHz)	MPE (dB)	
2080.5				2080.5	2100	2120	2080.5	795.5	
10	QPSK	1	0	23.26	23.26	23.05	24	0	
10	QPSK	1	25	23.07	23.14	23.04			
10	QPSK	1	49	23.15	23.20	23.15			
10	QPSK	25	0	22.09	22.15	22.05			
10	QPSK	25	12	22.13	22.19	22.07	23	1	
10	QPSK	25	24	22.11	22.15	22.15			
10	QPSK	50	0	22.20	22.13	22.04			
10	16QAM	1	0	22.18	22.20	22.14	23	1	
10	16QAM	1	25	22.26	22.45	22.21			
10	16QAM	1	49	22.18	22.37	22.25			
10	16QAM	25	0	21.13	21.14	21.05			
10	16QAM	25	12	21.14	21.20	21.15	22	2	
10	16QAM	25	25	21.06	21.16	21.10			
10	16QAM	50	0	21.00	21.10	21.13			
10	64QAM	1	0	21.13	21.31	21.08			
10	64QAM	1	25	21.23	21.38	21.23	22	2	
10	64QAM	1	49	21.19	21.32	21.19			
10	64QAM	25	0	20.10	20.19	20.05			
10	64QAM	25	12	20.21	20.14	20.10	21	3	
10	64QAM	25	25	20.19	20.15	20.08			
10	64QAM	50	0	20.16	20.19	20.15			
10	256QAM	1	0	18.17	18.26	18.05			
10	256QAM	1	25	18.10	18.13	17.97	19	5	
10	256QAM	1	49	18.14	18.12	18.12			
10	256QAM	25	0	18.11	18.09	17.91			
10	256QAM	25	12	18.06	18.24	18.03	19	5	
10	256QAM	25	25	18.13	18.15	18.03			
10	256QAM	50	0	18.18	18.18	17.99			

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 freq (MHz)	MPE (dB)	
Channel									
Frequency [MHz]				2080	2100	2120			
10	QPSK	1	0	24.30	24.40	24.35	25	0	
10	QPSK	1	25	24.33	24.31	24.31			
10	QPSK	1	49	24.19	24.26	24.17			
10	QPSK	25	0	23.31	23.38	23.34			
10	QPSK	25	12	23.27	23.33	23.34	24	1	
10	QPSK	25	25	23.24	23.34	23.34			
10	QPSK	50	0	23.31	23.35	23.29			
10	16QAM	1	0	23.48	23.50	23.63			
10	16QAM	1	25	23.44	23.63	23.63	24	1	
10	16QAM	1	49	23.63	23.56	23.64			
10	16QAM	25	0	22.32	22.32	22.36			
10	16QAM	25	12	22.31	22.36	22.33	23	2	
10	16QAM	25	25	22.34	22.34	22.35			
10	16QAM	50	0	22.35	22.32	22.35			
10	64QAM	1	0	22.49	22.49	22.45			
10	64QAM	1	25	22.44	22.52	22.44	23	2	
10	64QAM	1	49	22.59	22.61	22.48			
10	64QAM	25	0	21.31	21.33	21.39			
10	64QAM	25	12	21.35	21.33	21.34	22	3	
10	64QAM	25	25	21.36	21.32	21.35			
10	64QAM	50	0	21.35	21.32	21.34			
10	256QAM	1	0	19.35	19.26	19.26			
10	256QAM	1	25	19.26	19.35	19.27	20	5	
10	256QAM	1	49	19.25	19.35	19.28			
10	256QAM	25	0	19.33	19.38	19.33			
10	256QAM	25	12	19.30	19.27	19.33	20	5	
10	256QAM	25	25	19.33	19.38	19.33			
10	256QAM	50	0	19.26	19.31	19.25			
Channel									
Frequency [MHz]				2080	2100	2120	Tune-up freq (MHz)	MPE (dB)	
5	QPSK	1	0	24.31	24.37	24.32	25	0	
5	QPSK	1	12	24.23	24.29	24.19			
5	QPSK	1	24	24.08	24.14	24.07			
5	QPSK	12	0	23.30	23.30	23.28			
5	QPSK	12	7	23.20	23.19	23.24	24	1	
5	QPSK	12	13	23.15	23.22	23.12			
5	QPSK	25	0	23.17	23.26	23.24			
5	16QAM	1	0	23.44	23.35	23.66	24	1	
5	16QAM	1	12	23.35	23.63	23.45			
5	16QAM	1	24	23.58	23.43	23.58			
5	16QAM	12	0	22.19	22.23	22.25			
5	16QAM	12	7	22.28	22.29	22.29	23	2	
5	16QAM	12	13	22.26	22.31	22.28			
5	16QAM	25	0	22.24	22.18	22.18			
5	16QAM	25	7	22.45	22.34	22.37			
5	64QAM	1	0	22.34	22.51	22.39	23	2	
5	64QAM	1	24	22.46	22.51	22.47			
5	64QAM	12	0	21.25	21.18	21.30			
5	64QAM	12	7	21.21	21.31	21.21	22	3	
5	64QAM	12	13	21.33	21.24	21.23			
5	64QAM	25	0	21.33	21.24	21.25			
5	256QAM	1	0	19.33	19.14	19.12	20	5	
5	256QAM	1	12	19.25	19.33	19.12			
5	256QAM	1	24	19.18	19.30	19.17			
5	256QAM	12	0	19.15	19.34	19.21	20	5	
5	256QAM	12	7	19.29	19.18	19.29			
5	256QAM	12	13	19.14	19.28	19.16			
5	256QAM	25	0	19.22	19.28	19.26	20	5	
Channel									
Frequency [MHz]				2080	2100	2120	Tune-up freq (MHz)	MPE (dB)	
3	QPSK	1	0	24.32	24.38	24.34	25	0	
3	QPSK	1	12	24.23	24.29	24.19			
3	QPSK	1	24	24.17	24.18	24.03			
3	QPSK	12	0	23.31	23.32	23.28			
3	QPSK	12	7	23.15	23.23	23.20	24	1	
3	QPSK	12	13	23.11	23.21	23.11			
3	16QAM	1	0	23.47	23.44	23.64			
3	16QAM	1	12	23.39	23.46	23.52	24	1	
3	16QAM	1	24	23.61	23.44	23.61			
3	16QAM	12	0	22.28	22.34	22.28			
3	16QAM	12	7	22.30	22.27	22.27	23	2	
3	16QAM	12	13	22.32	22.33	22.29			
3	16QAM	15	0	22.38	22.33	22.32			
3	64QAM	1	0	22.38	22.38	22.33	23	2	
3	64QAM	1	12	22.44	22.47	22.43			
3	64QAM	1	24	22.51	22.56	22.41			
3	64QAM	12	0	21.30	21.22	21.25			
3	64QAM	12	7	21.26	21.33	21.23	22	3	
3	64QAM	12	13	21.34	21.27	21.24			
3	64QAM	15	0	21.33	21.17	21.20			
3	256QAM	1	0	19.18	19.26	19.23	20	5	
3	256QAM	1	12	19.16	19.28	19.15			
3	256QAM	1	14	19.17	19.33	19.26			
3	256QAM	12	0	19.14	19.32	19.23	20	5	
3	256QAM	12	7	19.26	19.16	19.26			
3	256QAM	12	13	19.15	19.36	19.20			
3	256QAM	15	0	19.24	19.14	19.24	20	5	
Channel									
Frequency [MHz]				2080.5	2100.5	2120.5	Tune-up freq (MHz)	MPE (dB)	
1.4	QPSK	1	0	24.29	24.21	24.26	25	0	
1.4	QPSK	1	12	24.14	24.14	24.04			
1.4	QPSK	1	24	24.01	24.01	23.92			
1.4	QPSK	1	48	24.10	24.08	23.99			
1.4	QPSK	8	0	23.10	23.11	23.09	24	1	
1.4	QPSK	8	7	23.00	23.00	22.99			
1.4	16QAM	1	0	23.35	23.33	23.34			
1.4	16QAM	1	3	23.30	23.30	23.23	24	1	
1.4	16QAM	1	6	23.25	23.25	23.22			
1.4	16QAM	8	0	23.09	23.10	23.04			
1.4	16QAM	8	1	23.08	23.12	23.05			
1.4	16QAM	8	2	23.09	23.12	23.04			
1.4	16QAM	8	3	23.09	23.12	23.04			
1.4	16QAM	8	4	23.09	23.12	23.04			
1.4	16QAM	8	5	23.09	23.12	23.04			
1.4	16QAM	8	6	23.09	23.12	23.04			
1.4	16QAM	8	7	23.09	23.12	23.04			
1.4	64QAM	1	0	22.30	22.43	22.28	23	2	
1.4	64QAM	1	3	22.31	22.37	22.32			
1.4	64QAM	1	6	22.32	22.35	22.27			
1.4	64QAM	8	0	22.28	22.36	22.26	23	2	
1.4	64QAM	8	1	22.29	22.36	22.26			
1.4	64QAM	8	2	22.29	22.36	22.26			
1.4	64QAM	8	3	22.25	22.30	22.22			
1.4	64QAM	8	4	21.13	21.11	21.12	22	3	
1.4	256QAM	1	0	19.13	19.23	19.13	20	5	
1.4	256QAM	1	3	19.16	19.25	19.15			
1.4	256QAM	1	6	19.13	19.24	19.17			
1.4	256QAM	8	0	19.18	19.18	19.24	20	5	
1.4	256QAM	8	1	19.18	19.18	19.24			
1.4	256QAM	8	2	19.11	19.32	19.20			
1.4	256QAM	8	3	19.11	19.32	19.20			
1.4	256QAM	8	4	19.11	19.32	19.20			
1.4	256QAM	8	5	19.11	19.32	19.20			
1.4	256QAM	8	6	19.11	19.32	19.20			
1.4	256QAM	8	7	19.11	19.32	19.20			

Band 17_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Tune-in (min)	MFR (dB)	
Channel				23780	23780	23920			
Frequency (MHz)									
10	QPSK	1	0	24.20	24.30	24.34	25	0	
10	QPSK	1	25	24.21	24.26	24.26			
10	QPSK	1	40	24.12	24.10	24.10			
10	QPSK	25	0	23.17	23.34	23.12	24	1	
10	QPSK	25	12	23.30	23.29	23.30			
10	QPSK	25	25	23.30	23.31	23.24			
10	QPSK	50	0	23.30	23.31	23.30	24	1	
10	16QAM	1	0	23.40	23.50	23.54			
10	16QAM	1	40	23.62	23.61	23.57			
10	16QAM	25	0	22.25	22.27	22.30	23	2	
10	16QAM	25	12	22.27	22.26	22.30			
10	16QAM	25	25	22.30	22.29	22.31			
10	16QAM	50	0	22.25	22.28	22.28			
10	16QAM	1	0	22.31	22.37	22.36	23	2	
10	16QAM	1	25	22.34	22.49	22.43			
10	16QAM	1	40	22.52	22.53	22.54			
10	16QAM	25	0	21.25	21.25	21.30	22	3	
10	16QAM	25	12	21.29	21.28	21.31			
10	16QAM	25	25	21.29	21.29	21.31			
10	16QAM	50	0	21.27	21.30	21.29			
10	256QAM	1	0	19.24	19.29	19.30	20	5	
10	256QAM	1	25	19.27	19.31	19.32			
10	256QAM	1	40	19.16	19.28	19.32			
10	256QAM	25	0	19.24	19.20	19.25	20	5	
10	256QAM	25	12	19.17	19.32	19.32			
10	256QAM	25	25	19.22	19.31	19.29			
10	256QAM	50	0	19.22	19.27	19.32			
Channel				23785	23785	23920			
Frequency (MHz)									
5	QPSK	1	0	24.20	24.26	24.27	25	0	
5	QPSK	1	12	24.19	24.20	24.18			
5	QPSK	1	24	24.00	24.02	24.03	24	1	
5	QPSK	12	0	23.18	23.26	23.27			
5	QPSK	12	7	23.16	23.18	23.20			
5	QPSK	12	13	23.10	23.23	23.12	24	1	
5	QPSK	25	0	23.18	23.27	23.17			
5	16QAM	1	0	23.30	23.39	23.41			
5	16QAM	1	12	23.35	23.49	23.38	23	2	
5	16QAM	12	0	22.25	22.24	22.28			
5	16QAM	12	7	22.22	22.19	22.19			
5	16QAM	12	13	22.17	22.25	22.22			
5	16QAM	25	0	22.22	22.19	22.19	23	2	
5	16QAM	1	0	22.28	22.32	22.34			
5	16QAM	1	12	22.32	22.38	22.40	22	3	
5	16QAM	1	24	22.44	22.39	22.46			
5	16QAM	12	0	21.19	21.24	21.20	22	3	
5	16QAM	12	7	21.21	21.22	21.17			
5	16QAM	12	13	21.26	21.19	21.23			
5	16QAM	25	0	21.23	21.17	21.15	20	5	
5	256QAM	1	0	19.21	19.16	19.25			
5	256QAM	1	12	19.25	19.27	19.27			
5	256QAM	1	24	19.17	19.24	19.16	20	5	
5	256QAM	12	0	19.16	19.19	19.12			
5	256QAM	12	7	19.10	19.17	19.25			
5	256QAM	12	13	19.21	19.17	19.16			
5	256QAM	25	0	19.13	19.16	19.27			

Band 30_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Tune-in (min)	MFR (dB)	
Channel				23785	23785	23920			
Frequency (MHz)									
10	QPSK	1	0		21.04		22.5	0	
10	QPSK	1	25		21.86				
10	QPSK	1	40		21.80				
10	QPSK	25	0		21.84		22.5	0	
10	QPSK	25	12		21.72				
10	QPSK	25	25		21.81				
10	QPSK	50	0		21.71		22.5	0	
10	16QAM	1	0		21.77				
10	16QAM	1	25		21.74				
10	16QAM	1	40		21.79				
10	16QAM	25	0		21.81		22.5	0	
10	16QAM	25	12		21.69				
10	16QAM	25	25		21.80				
10	16QAM	50	0		21.73		22.5	0	
10	16QAM	1	0		21.78				
10	16QAM	1	25		21.73				
10	16QAM	1	40		21.70				
10	16QAM	25	0		20.97		21.5	1	
10	16QAM	25	12		20.98				
10	16QAM	25	25		20.97				
10	16QAM	50	0		20.98				
10	256QAM	1	0		19.88		19.5	3	
10	256QAM	1	25		19.81				
10	256QAM	1	40		19.86				
10	256QAM	25	0		19.88		19.5	3	
10	256QAM	25	12		19.87				
10	256QAM	25	25		19.89				
10	256QAM	50	0		19.92				
Channel				23785	23776	23776			
Frequency (MHz)									
5	QPSK	1	0	21.90	21.89	21.90	22.5	0	
5	QPSK	1	12	21.75	21.80	21.81			
5	QPSK	1	24	21.62	21.87	21.85	22.5	0	
5	QPSK	12	0	21.78	21.78	21.73			
5	QPSK	12	7	21.64	21.68	21.64			
5	QPSK	12	13	21.70	21.79	21.67	22.5	0	
5	QPSK	25	0	21.67	21.63	21.58			
5	16QAM	1	0	21.63	21.68	21.66			
5	16QAM	1	12	21.64	21.65	21.69	22.5	0	
5	16QAM	1	24	21.67	21.78	21.66			
5	16QAM	12	0	21.75	21.69	21.68			
5	16QAM	12	7	21.62	21.64	21.56	22.5	0	
5	16QAM	12	13	21.68	21.68	21.74			
5	16QAM	25	0	21.70	21.60	21.63			
5	16QAM	1	0	21.63	21.68	21.77	22.5	0	
5	16QAM	1	12	21.68	21.71	21.71			
5	16QAM	1	24	21.57	21.58	21.66			
5	16QAM	12	0	20.96	20.92	20.90	21.5	1	
5	16QAM	12	7	20.96	20.97	20.92			
5	16QAM	12	13	20.97	20.94	20.94			
5	16QAM	25	0	20.86	20.94	20.85	19.5	3	
5	256QAM	1	0	18.85	18.87	18.85			
5	256QAM	1	12	18.80	18.86	18.86			
5	256QAM	1	24	18.82	18.84	18.86			
5	256QAM	12	0	18.76	18.78	18.85	19.5	3	
5	256QAM	12	7	18.82	18.91	18.86			
5	256QAM	12	13	18.84	18.87	18.87			
5	256QAM	25	0	18.86	18.84	18.89			

Band 66_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Tune-in (min)	MFR (dB)	
Channel				12072	12072	12072			
Frequency (MHz)				1712	1716	1716			
20	QPSK	1	0	18.05	18.08	18.10	19	0	
20	QPSK	1	40	18.05	18.08	18.16			
20	QPSK	1	80	18.02	18.03	18.15			
20	QPSK	50	0	17.95	18.14	18.00	19	0	
20	QPSK	50	24	17.89	18.10	17.97			
20	QPSK	50	50	17.91	18.14	17.90			
20	QPSK	100	0	17.88	18.15	17.89			
20	16QAM	1	0	17.86	18.17	17.94	19	0	
20	16QAM	1	40	17.87	18.05	17.90			
20	16QAM	1	80	17.88	18.11	18.01			
20	16QAM	50	0	17.87	18.07	17.95			
20	16QAM	50	24	17.87	18.15	17.89			
20	16QAM	50	50	17.91	18.18	17.89			
20	16QAM	100	0	17.85	18.15	18.02			
20	16QAM	1	0	17.86	18.14	17.92	19	0	
20	16QAM	1	50	17.85	18.14	17.93			
20	16QAM	50	0	17.86	18.15	17.90			
20	16QAM	50	24	17.92	18.15	18.01			
20	16QAM	50	50	17.90	18.14	17.92			
20	16QAM	100	0	17.86	18.12	17.90			
20	256QAM	1	0	17.82	18.04	17.97	19	0	
20	256QAM	1	40	17.85	18.11	18.02			
20	256QAM	1	80	17.82	18.12	17.86			
20	256QAM	50	0	17.83	18.15	18.03			
20	256QAM	50	24	17.87	18.15	17.90			
20	256QAM	50	50	17.83	18.15	17.90			
20	256QAM	100	0	17.85	18.15	18.03			
Channel				12047	12022	12022			
Frequency (MHz)				1717	1716	1727.5			
20	QPSK	1	0	17.92	17.97	17.99	19	0	
20	QPSK	1	40	17.93	17.83	17.78			
20	QPSK	1	80	17.83	17.88	17.81			
20	QPSK	50	0	17.86	17.97	17.90	19	0	
20	QPSK	50	24	17.93	17.90	17.88			
20	QPSK	50	50	17.86	17.88	17.86			
20	QPSK	100	0	17.85	17.90	17.82			
20	16QAM	1	0	17.83	17.98	17.90	19	0	
20	16QAM	1	40	17.86	17.79	17.82			
20	16QAM	1	80	17.87	17.88	17.87			
20	16QAM	50	0	17.86	17.87	17.79			
20	16QAM	50	24	17.89	17.89	17.88			
20	16QAM	50	50	17.89	17.89	17.88			
20	16QAM	100	0	17.83	17.90	17.82			
20	16QAM	1	0	17.86	17.97	17.88	19	0	
20	16QAM	1	50	17.85	17.97	17.86			
20	16QAM	50	0	17.86	17.96	17.88			
20	16QAM	50	24	17.92	17.96	17.88			
20	16QAM	50	50	17.86	17.96	17.88			
20	16QAM	100	0	17.86	17.96	17.88			
20	256QAM	1	0	17.82	17.95	17.88	19	0	
20	256QAM	1	40	17.86	17.95	17.88			
20	256QAM	1	80	17.86	17.95	17.88			
20	256QAM	50	0	17.86	17.96	17.88			
20	256QAM	50	24	17.92	17.96	17.88			
20	256QAM	50	50	17.91	17.97	17.91			
20	256QAM	100	0	17.85	17.97	17.88			
Channel				12022	12022	12022			
Frequency (MHz)				1716	1716	1716			
20	QPSK	1	0	17.94	17.94	17.94	19	0	
20	QPSK	1	40	17.85	17.78	17.78			
20	QPSK	1	80	17.83	17.80	17.80			
20	QPSK	50	0	17.86	17.97	17.90	19	0	
20	QPSK	50	24	17.94	17.83	17.80			
20	QPSK	50	50	17.88	17.97	17.88			
20	QPSK	100	0	17.86	17.96	17.88			
20	16QAM	1	0	17.85	17.91	18.01	19	0	
20	16QAM	1	40	17.89	17.79	17.78			
20	16QAM	1	80	17.86	17.88	17.88			
20	16QAM	50	0	17.87	17.97	17.87			
20	16QAM	50	24	17.90	17.87	17.81			
20	16QAM	50	50	17.88	17.92	17.86			
20	16QAM	100	0	17.86	17.96	17.88			
20	16QAM	1	0	17.88	17.95	17.84	19	0	
20	16QAM	1	40	17.94	17.87	17.82			
20	16QAM	25	0	17.91	17.96	17.84			
20	16QAM	25	24	17.92	17.91	17.89			
20	16QAM	25	50	17.92	17.97	17.92			
20	16QAM	50	0	17.88	17.92	17.88			
20	16QAM	50	24	17.94	17.84	17.84			
20	16QAM	50	50	17.88	17.92	17.88			
20	16QAM	100	0	17.88	17.92	17.88			
20	256QAM	1	0	17.86	17.92	17.83	19	0	
20	256QAM	1	40	17.92	17.93	17.82			
20	256QAM	1	80	17.92	17.96	17.88			
20	256QAM	50	0	17.92	17.96	17.88			
20	256QAM	50	24	17.96	17.95	17.96			
20	256QAM	50	50	18.00	17.92	17.96			
20	256QAM	100	0	17.91	17.98	17.90			
Channel				12199	12022	12022			
Frequency (MHz)				1722	1716	1727.5			
20	QPSK	1	0	17.97	17.99	17.99	19	0	
20	QPSK	1	40	17.97	17.83	17.78			
20	QPSK	1	80	17.80	17.83	17.80			
20	QPSK	50	0	17.92	17.97	17.90	19	0	
20	QPSK	50	24	17.97	17.86	17.86			
20	QPSK	50	50	17.85	17.88	17.84			
20	QPSK	100	0	17.87	17.96	17.88			
20	16QAM	1	0	17.95	17.87	17.88	19	0	
20	16QAM	1	40	17.96	17.84	17.84			
20	16QAM	1	80	17.88	17.75	17.84			
20	16QAM	50	0	17.94	17.83	17.78			
20	16QAM	50	24	17.93	17.78	17.78			
20	16QAM	50	50	17.88	17.88	17.83			
20	16QAM	100	0	17.91	17.94	17.91			
20	16QAM	1	0	17.96	17.94	17.94	19	0	
20	16QAM	1	40	17.97	17.89	17.83			
20	16QAM	1	80	17.91	17.86	17.83			
20	16QAM	50	0	17.91	17.96	17.87			
20	16QAM	50	24	17.92	17.93	17.93			
20	16QAM	50	50	17.91	17.96	17.88			
20	16QAM	100	0	17.94	17.94	17.85			
20	16QAM	1	0	17.92	17.96	17.88	19	0	
20	16QAM	1	40	17.92	17.95	17.87			
20	16QAM	1	80	17.84	17.87	17.80			
20	16QAM	50	0	17.92	17.96	17.88			
20	16QAM	50	24	17.96	17.95	17.96			
20	16QAM	50	50	17.90	17.88	17.80			
20	16QAM	100	0	17.94	17.94	17.88			
Channel				12199	12022	12022			
Frequency (MHz)				1715	1716	1727.5			
20	QPSK	1	0	17.97	17.99	17.99	19	0	
20	QPSK	1	40	17.97	17.83	17.78			
20	QPSK	1	80	17.80	17.83	17.80			
20	QPSK	50	0	17.92	17.97	17.90	19	0	
20	QPSK	50	24	17.97	17.86	17.86			
20	QPSK	50	50	17.85	17.88	17.84			
20	QPSK	100	0	17.87	17.96	17.88			
20	16QAM	1	0	17.95	17.87	17.88	19	0	
20	16QAM	1	40	17.96	17.84	17.84			
20	16QAM	1	80	17.88	17.75	17.84			
20	16QAM	50	0	17.94	17.83	17.78			
20	16QAM	50	24	17.93	17.78	17.78			
20	16QAM	50	50	17.88	17.88	17.83			
20	16QAM	100	0	17.91	17.94	17.91			
20	16QAM	1	0	17.96	17.94	17.94	19	0	
20	16QAM	1	40	17.97	17.89	17.83			
20	16QAM	1	80	17.91	17.86	17.83			
20	16QAM	50	0	17.91	17.96	17.87			
20	16QAM	50	24	17.92	17.93	17.93			
20	16QAM	50	50	17.91	17.96	17.88			
20	16QAM	100	0	17.94	17.94	17.85			
20	16QAM	1	0	17.92	17.96	17.88	19	0	
20	16QAM	1	40	17.92	17.95	17.87			
20	16QAM	1	80	17.84	17.87	17.80			
20	16QAM	50	0	17.92	17.96	17.88			
20	16QAM	50	24	17.96	17.95	17.96			
20	16QAM	50	50	17.90	17.88	17.80			
20	16QAM	100	0	17.94	17.94	17.88			
Channel				12199	12022	12022			
Frequency (MHz)				1715	1716	1727.5			
20	QPSK	1	0	17.97	17.99	17.99	19	0	
20	QPSK	1	40	17.97	17.83	17.78			
20	QPSK	1	80	17.80	17.83	17.80			
20	QPSK	50	0	17.92	17.97	17.90	19	0	
20	QPSK	50	24	17.97	17.86	17.86			
20	QPSK	50	50	17.85	17.88	17.84			
20	QPSK	100	0	17.87	17.96	17.88			
20	16QAM	1	0	17.95	17.87	17.88	19	0	
20	16QAM	1	40	17.96	17.84	17.84			
20	16QAM	1	80	17.88	17.75	17.84			
20	16QAM	50	0	17.94	17.83	17.78			
20	16QAM	50	24	17.93	17.78	17.78			
20	16QAM	50	50	17.88	17.88				

Band 2_Ant 0										Band 2_Ant 5										Band 4_Ant 5															
RF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power High Ch. Freq.	Power Max (dBm)	Turnup Int (dB)	MFR (dB)		RF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power High Ch. Freq.	Power Max (dBm)	Turnup Int (dB)	MFR (dB)		RF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power High Ch. Freq.	Power Max (dBm)	Turnup Int (dB)	MFR (dB)							
Channel										Channel										Channel															
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)															
20	QPSK	1	0	18700	18800	19100	25	0		20	QPSK	1	0	18700	18800	19100	25	0		20	QPSK	1	0	20200	20250	20300	25	0							
20	QPSK	1	99	24.26	24.29	24.25			20	QPSK	1	99	24.23	24.34	23.45	20			QPSK	1	99	24.23	24.40	23.27											
20	QPSK	1	99	24.17	24.32	24.25	24	1		20	QPSK	1	99	23.87	23.97	23.96	24	1		20	QPSK	1	99	23.34	23.47	23.27	24	1							
20	QPSK	50	24	23.22	23.34	23.28			20	QPSK	50	24	22.45	22.62	22.59	20			QPSK	50	24	22.36	22.43	22.37											
20	QPSK	50	50	23.19	23.27	23.25	24	1		20	QPSK	50	50	22.45	22.66	22.54	24	1		20	QPSK	50	50	22.30	22.41	22.31	24	1							
20	QPSK	100	0	23.22	23.30	23.24			20	QPSK	100	0	23.53	23.53	23.47	20			QPSK	100	0	23.53	23.53	23.47											
20	16QAM	1	0	23.46	23.54	23.45	24	1		20	16QAM	1	0	22.44	22.58	22.49	24	1		20	16QAM	1	0	22.32	22.38	22.34	24	1							
20	16QAM	1	49	23.49	23.55	23.48			20	16QAM	1	49	22.85	22.86	22.46	20			16QAM	1	49	22.33	22.35	22.34											
20	16QAM	1	99	23.36	23.42	23.43	23	2		20	16QAM	1	99	23.36	23.42	23.43	23	2		20	16QAM	1	99	22.29	22.32	22.29	23	2							
20	16QAM	50	0	22.27	22.36	22.24			20	16QAM	50	0	21.53	21.67	21.59	20			16QAM	50	0	21.29	21.35	21.29											
20	16QAM	50	24	22.23	22.35	22.27	23	2		20	16QAM	50	24	21.43	21.67	21.57	23	2		20	16QAM	50	24	21.36	21.47	21.25	23	2							
20	16QAM	100	0	22.22	22.33	22.24			20	16QAM	100	0	21.56	21.65	21.50	20			16QAM	100	0	21.39	21.39	21.29											
20	64QAM	1	0	22.48	22.46	22.40	23	2		20	64QAM	1	0	21.43	21.55	21.48	23	2		20	64QAM	1	0	21.35	21.42	21.35	23	2							
20	64QAM	1	49	22.44	22.49	22.42			20	64QAM	1	49	21.45	21.56	21.47	20			64QAM	1	49	21.32	21.38	21.29											
20	64QAM	1	99	22.33	22.36	22.37	22	3		20	64QAM	1	99	21.59	21.59	21.57	22	3		20	64QAM	1	99	21.32	21.44	21.23	22	3							
20	64QAM	50	0	21.28	21.37	21.27			20	64QAM	50	0	20.46	20.57	20.49	20			64QAM	50	0	20.34	20.46	20.28											
20	64QAM	50	24	21.26	21.35	21.28	22	3		20	64QAM	50	24	20.55	20.61	20.47	22	3		20	64QAM	50	24	20.37	20.43	20.33	22	3							
20	64QAM	100	0	21.22	21.33	21.27			20	64QAM	100	0	20.50	20.55	20.49	20			64QAM	100	0	20.32	20.43	20.29											
20	256QAM	1	0	19.17	19.27	19.16	20	5		20	256QAM	1	0	18.48	18.48	18.38	20	5		20	256QAM	1	0	18.29	18.30	18.27	20	5							
20	256QAM	1	49	19.17	19.32	19.18			20	256QAM	1	49	18.48	18.59	18.53	20			256QAM	1	49	18.30	18.33	18.29											
20	256QAM	1	99	19.22	19.30	19.21	20	5		20	256QAM	1	99	18.50	18.55	18.50	20	5		20	256QAM	1	99	18.35	18.40	18.27	20	5							
20	256QAM	50	0	19.24	19.25	19.26			20	256QAM	50	0	18.55	18.55	18.50	20			256QAM	50	0	18.34	18.38	18.29											
20	256QAM	50	24	19.18	19.23	19.23	20	5		20	256QAM	50	24	18.53	18.58	18.51	20	5		20	256QAM	50	24	18.31	18.36	18.25	20	5							
20	256QAM	100	50	19.28	19.28	19.24			20	256QAM	100	50	18.49	18.55	18.53	20			256QAM	100	50	18.39	18.36	18.32											
20	256QAM	100	0	19.15	19.30	19.17	20	5		20	256QAM	100	0	18.41	18.41	18.41	20	5		20	256QAM	100	0	18.27	18.29	18.24	20	5							
Channel										Channel										Channel															
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)															
15	QPSK	1	0	18875	18900	19125			25	0		15	QPSK	1	0	18875			18900	19125	25	0		15	QPSK	1			0	1717.5	1722.5	1727.5	25	0	
15	QPSK	1	37	24.17	24.24	24.19	15	QPSK			1	37	24.11	24.24	23.36	15	QPSK	1	37	23.24			23.42	23.14											
15	QPSK	1	74	24.06	24.22	24.10	24	1		15	QPSK	1	74	23.48	23.44	23.35	24	1		15	QPSK	1	74	23.30	23.45	23.24	24	1							
15	QPSK	36	0	23.12	23.28	23.16			15	QPSK	36	0	23.47	23.48	23.38	15			QPSK	36	0	23.27	23.38	23.25											
15	QPSK	36	39	23.17	23.19	23.13	24	1		15	QPSK	36	39	23.30	23.25	23.24	24	1		15	QPSK	36	39	22.77	22.79	22.35	24	1							
15	QPSK	75	0	23.15	23.30	23.11			15	QPSK	36	39	23.33	23.29	23.44	15			QPSK	36	39	22.26	22.28	22.28											
15	16QAM	1	0	23.35	23.49	23.30	24	1		15	16QAM	1	0	23.53	23.53	23.44	24	1		15	16QAM	1	0	22.31	22.36	22.30	24	1							
15	16QAM	1	37	23.40	23.54	23.33			15	16QAM	1	37	22.42	22.61	22.41	15			16QAM	1	37	22.25	22.32	22.28											
15	16QAM	1	74	23.22	23.32	23.39	23	2		15	16QAM	1	74	23.22	23.32	23.34	23	2		15	16QAM	1	74	22.19	22.26	21.28	23	2							
15	16QAM	36	0	22.25	22.32	22.17			15	16QAM	36	0	21.52	21.55	21.57	15			16QAM	36	0	21.19	21.26	21.26											
15	16QAM	36	39	22.20	22.28	22.21	23	2		15	16QAM	36	39	21.42	21.65	21.47	23	2		15	16QAM	36	39	21.30	21.45	21.23	23	2							
15	16QAM	75	0	22.15	22.32	22.11			15	16QAM	75	0	21.44	21.55	21.40	15			16QAM	75	0	21.30	21.34	21.24											
15	64QAM	1	0	22.34	22.43	22.30	23	2		15	64QAM	1	0	21.35	21.44	21.34	23	2		15	64QAM	1	0	21.31	21.36	21.27	23	2							
15	64QAM	1	49	22.26	22.36	22.27			15	64QAM	1	49	21.36	21.42	21.32	15			64QAM	1	49	21.28	21.32	21.24											
15	64QAM	1	99	22.15	22.22	22.26	22	3		15	64QAM	1	99	21.31	21.45	21.25	22	3		15	64QAM	1	99	21.26	21.32	21.21	22	3							
15	64QAM	50	0	21.14	21.27	21.12			15	64QAM	50	0	20.31	20.59	20.34	15			64QAM	50	0	20.27	20.43	20.16											
15	64QAM	50	24	21.12	21.23	21.12	22	3		15	64QAM	50	24	20.42	20.47	20.32	22	3		15	64QAM	50	24	20.21	20.28	20.18	22	3							
15	64QAM	100	0	21.12	21.28	21.22			15	64QAM	100	0	20.52	20.57	20.58	15			64QAM	100	0	20.15	20.27	20.18											
15	256QAM	1	0	19.06	19.27	19.12	20	5		15	256QAM	1	0	18.42	18.42	18.32	20	5		15	256QAM	1	0	18.25	18.26	18.22	20	5							
15	256QAM	1	49	19.06	19.28	19.07			15	256QAM	1	49	18.43	18.56	18.48	15			256QAM	1	49	18.25	18.30	18.27											
15	256QAM	1	99	19.10	19.24	19.15	20	5		15	256QAM	1	99	18.48	18.55	18.42	20	5		15	256QAM	1	99	18.34	18.38	18.29	20	5							
15	256QAM	50	0	19.09	19.14	19.13			15	256QAM	50	0	18.45	18.51	18.45	15			256QAM	50	0	18.34	18.34	18.29											
15	256QAM	50	24	19.10	19.18	19.16	20	5		15	256QAM	50	24	18.46	18.48	18.47	20	5		15	256QAM	50	24	18.32	18.34	18.13	20	5							
15	256QAM	100	50	19.15	19.17	19.19			15	256QAM	100	50	18.42	18.45	18.41	15			256QAM	100	50	18.28	18.29	18.28											
15	256QAM	100	0	19.12	19.24	19.11	20	5		15	256QAM	100	0	18.41	18.41	18.41	20	5		15	256QAM	100	0	18.27	18.29	18.23	20	5							
Channel										Channel										Channel															
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)															
15	QPSK	1	0	18850	18900	19150			25	0		15	QPSK	1	0	18850			18900	19150	25	0		15	QPSK	1			0	1715	1722.5	1727.5	25	0	
15	QPSK	1	37	24.15	24.27	24.18	15	QPSK			1	37	23.34	23.39	23.34	15	QPSK	1	37	23.29			23.33	23.26											
15	QPSK	1	74	24.05	24.21	24.13	24	1		15	QPSK	1	74	23.57	23.49	23.38	24	1		15	QPSK	1	74	23.39	23.49	23.28	24	1							
15	QPSK	36	0	23.10	23.26	23.18			15	QPSK	36	0	23.37	23.47	23.38	15			QPSK	36	0	23.27	23.37	23.13											
15	QPSK	36	39	23.15	23.23	23.14	24	1		15	QPSK	36	39	23.25																					

Band 5_Ant 0										
RF [MHz]	Modulation	RB Size	RF Offset	Power Low Ch. / Freq.	Power Med Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Turn-on time (min)	MFR (dB)	
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.25	22.25	21.98		23.5	0	
10	QPSK	1	25	22.12	22.23	21.87				
10	QPSK	1	49	22.12	22.23	21.87				
10	QPSK	25	0	22.10	22.17	21.75		23.5	0	
10	QPSK	25	12	22.10	22.15	21.64				
10	QPSK	25	25	22.08	22.17	21.70				
10	QPSK	50	0	22.04	22.23	21.64				
10	QPSK	1	0	22.14	22.15	21.67		23.5	0	
10	QPSK	1	25	22.10	22.15	21.67				
10	QPSK	1	49	22.12	22.20	21.76				
10	QPSK	25	0	21.76	21.75	21.75				
10	QPSK	25	12	21.76	21.74	21.73		23	0.5	
10	QPSK	25	25	21.79	21.70	21.71				
10	QPSK	50	0	21.76	21.75	21.71				
10	QPSK	1	0	21.93	21.91	21.93		23	0.5	
10	QPSK	1	25	21.92	21.87	21.83				
10	QPSK	1	49	21.98	21.83	21.88				
10	QPSK	25	0	20.75	20.75	20.76				
10	QPSK	25	12	20.78	20.70	20.69		22	1.5	
10	QPSK	25	25	20.78	20.68	20.73				
10	QPSK	50	0	20.78	20.70	20.69				
10	QPSK	1	0	18.75	18.73	18.37		20	3.5	
10	QPSK	1	25	18.72	18.78	18.36				
10	QPSK	1	49	18.72	18.78	18.36				
10	QPSK	25	0	18.86	18.77	18.40		20	3.5	
10	QPSK	25	12	18.68	18.77	18.40				
10	QPSK	25	25	18.72	18.70	18.42				
10	QPSK	50	0	18.67	18.77	18.40				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.21	22.27	21.86		23.5	0	
5	QPSK	1	25	22.10	22.17	21.87				
5	QPSK	1	24	22.01	22.20	21.75				
5	QPSK	12	0	22.01	22.17	21.85		23.5	0	
5	QPSK	12	7	22.09	22.10	21.74				
5	QPSK	12	13	21.95	22.10	21.58				
5	QPSK	25	0	22.08	22.10	21.60				
5	QPSK	25	12	22.02	22.11	21.56		23.5	0	
5	QPSK	25	12	22.02	22.05	21.58				
5	QPSK	1	24	22.01	22.14	21.63				
5	QPSK	12	13	21.94	21.74	21.65		23	0.5	
5	QPSK	12	7	21.83	21.73	21.58				
5	QPSK	12	13	21.75	21.65	21.59				
5	QPSK	25	0	22.02	22.11	21.63				
5	QPSK	1	0	21.83	21.88	21.53		23	0.5	
5	QPSK	1	12	21.89	21.83	21.77				
5	QPSK	1	24	21.84	21.76	21.77				
5	QPSK	12	0	20.82	20.82	20.70				
5	QPSK	12	7	20.89	20.80	20.71		22	1.5	
5	QPSK	12	13	20.84	20.84	20.85				
5	QPSK	25	0	20.71	20.68	20.59				
5	QPSK	1	0	18.85	18.89	18.92		20	3.5	
5	QPSK	1	25	18.67	18.82	18.34				
5	QPSK	1	24	18.85	18.73	18.36				
5	QPSK	12	0	18.86	18.83	18.39		20	3.5	
5	QPSK	12	7	18.58	18.68	18.28				
5	QPSK	12	13	18.64	18.59	18.38				
5	QPSK	25	0	18.57	18.65	18.26				
Channel										
Frequency (MHz)										
3	QPSK	1	0	22.13	22.20	21.77		23.5	0	
3	QPSK	1	8	22.03	22.19	21.60				
3	QPSK	1	14	21.99	22.18	21.62				
3	QPSK	8	0	22.10	22.18	21.68		23.5	0	
3	QPSK	8	7	22.08	22.16	21.62				
3	QPSK	8	7	21.99	22.09	21.66				
3	QPSK	15	0	22.00	22.00	21.65		23.5	0	
3	QPSK	15	8	22.00	22.00	21.65				
3	QPSK	1	8	22.05	22.00	21.65				
3	QPSK	1	14	22.03	22.12	21.61				
3	QPSK	8	7	21.72	21.68	21.12		23	0.5	
3	QPSK	8	4	21.70	21.62	21.58				
3	QPSK	8	7	21.64	21.64	21.57				
3	QPSK	15	0	21.71	21.65	21.60				
3	QPSK	1	0	21.82	21.77	21.60		23	0.5	
3	QPSK	1	8	21.79	21.83	21.78				
3	QPSK	1	14	21.77	21.75	21.74				
3	QPSK	8	0	20.85	20.70	20.65		22	1.5	
3	QPSK	8	7	20.72	20.62	20.54				
3	QPSK	15	0	20.74	20.59	20.54				
3	QPSK	1	0	18.82	18.87	18.26		20	3.5	
3	QPSK	1	8	18.58	18.72	18.22				
3	QPSK	1	14	18.63	18.67	18.33				
3	QPSK	8	0	18.57	18.71	18.39		20	3.5	
3	QPSK	8	7	18.64	18.73	18.31				
3	QPSK	8	7	18.61	18.69	18.31				
3	QPSK	15	0	18.58	18.67	18.27				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	22.22	22.25	21.77		23.5	0	
1.4	QPSK	1	8	22.01	22.19	21.60				
1.4	QPSK	1	5	22.04	22.18	21.77				
1.4	QPSK	3	0	22.11	22.12	21.68		23.5	0	
1.4	QPSK	3	1	22.08	22.14	21.57				
1.4	QPSK	3	3	22.01	22.08	21.59				
1.4	QPSK	6	0	21.98	21.99	21.64		23.5	0	
1.4	QPSK	6	1	22.07	22.11	21.63				
1.4	QPSK	1	5	22.02	22.04	21.58		23.5	0	
1.4	QPSK	3	1	21.64	21.75	21.71				
1.4	QPSK	3	1	21.70	21.68	21.59		23	0.5	
1.4	QPSK	6	0	21.62	21.68	21.58				
1.4	QPSK	1	0	21.81	21.88	21.88				
1.4	QPSK	1	3	21.80	21.81	21.75				
1.4	QPSK	1	5	21.80	21.68	21.83		23	0.5	
1.4	QPSK	3	0	21.74	21.61	21.71				
1.4	QPSK	3	1	21.77	21.58	21.59				
1.4	QPSK	6	0	20.77	20.59	20.84		22	1.5	
1.4	QPSK	1	0	18.83	18.88	18.31				
1.4	QPSK	1	3	18.63	18.63	18.24		20	3.5	
1.4	QPSK	1	5	18.69	18.68	18.27				
1.4	QPSK	3	0	18.64	18.66	18.30				
1.4	QPSK	3	1	18.51	18.75	18.39				
1.4	QPSK	3	3	18.57	18.62	18.40				
1.4	QPSK	6	0	18.55	18.60	18.35		20	3.5	

Band 12_Ant 0										
RF [MHz]	Modulation	RB Size	RF Offset	Power Ch. / Freq.	Power Low Freq.	Power Med Freq.	Power High Freq.	Turn-on time (min)	MPE (dB)	
Channel										
Frequency (MHz)										
10	QPSK	1	0	21.30	21.40	21.31				
10	QPSK	1	25	21.31	21.41	21.31		25	0	
10	QPSK	1	49	21.19	21.29	21.01				
10	QPSK	25	0	21.31	21.30	21.31		24	1	
10	QPSK	25	13	21.34	21.34	21.34				
10	QPSK	25	25	21.34	21.34	21.34				
10	QPSK	50	0	21.35	21.35	21.35				
10	QPSK	1	0	21.48	21.50	21.43		24	1	
10	QPSK	1	25	21.44	21.50	21.59				
10	QPSK	1	49	21.63	21.56	21.54				
10	QPSK	25	12	21.32	21.32	21.36		23	2	
10	QPSK	25	12	21.31	21.30	21.33				
10	QPSK	25	25	21.34	21.34	21.36				
10	QPSK	50	0	21.35	21.35	21.35				
10	QPSK	1	0	21.49	21.49	21.48		23	2	
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1	25	21.44	21.52	21.44				
10	QPSK	1	49	21.31	21.33	21.36				
10	QPSK	25	12	21.35	21.33	21.34		22	3	
10	QPSK	25	12	21.35	21.35	21.34				
10	QPSK	50	0	21.35	21.32	21.34		20	5	
10	QPSK	1	0	21.49	21.49	21.48				
10	QPSK	1								

Band 30_Ant 5											
RF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Mids Ch. / Freq	Power High Ch. / Freq	Turnup (dBm)	MPR (dB)			
Channel				27710							
Frequency (MHz)				27710							
15	QPSK	1	0	23.40	23.40	23.40	24.5	0			
15	QPSK	1	25	23.34	23.34	23.34					
15	QPSK	1	49	23.47	23.47	23.47					
15	QPSK	25	0	22.48	22.48	22.48	23.5	1			
15	QPSK	25	12	22.46	22.46	22.46					
15	QPSK	25	25	22.38	22.38	22.38					
15	QPSK	50	0	22.46	22.46	22.46	23.5	1			
15	16QAM	1	0	22.45	22.45	22.45					
15	16QAM	1	25	22.46	22.46	22.46					
15	16QAM	1	49	22.46	22.46	22.46	23.5	1			
15	16QAM	25	0	21.44	21.44	21.44					
15	16QAM	25	12	21.48	21.48	21.48					
15	16QAM	25	25	21.42	21.42	21.42	22.5	2			
15	16QAM	50	0	21.37	21.37	21.37					
15	8QAM	1	0	21.41	21.41	21.41					
15	8QAM	1	25	21.46	21.46	21.46	22.5	2			
15	8QAM	1	49	21.43	21.43	21.43					
15	8QAM	25	0	20.39	20.39	20.39					
15	8QAM	25	12	20.48	20.48	20.48	21.5	3			
15	8QAM	25	25	20.48	20.48	20.48					
15	8QAM	50	0	20.43	20.43	20.43					
15	256QAM	1	0	18.35	18.35	18.35	19.5	5			
15	256QAM	1	25	18.40	18.40	18.40					
15	256QAM	1	49	18.48	18.48	18.48					
15	256QAM	25	0	18.45	18.45	18.45	19.5	5			
15	256QAM	25	12	18.43	18.43	18.43					
15	256QAM	25	25	18.48	18.48	18.48					
15	256QAM	50	0	18.45	18.45	18.45					
Channel				27665 27710 27715			Turnup (dBm)	MPR (dB)			
Frequency (MHz)				27665 27710 27715							
5	QPSK	1	0	23.38	23.38	23.38	24.5	0			
5	QPSK	1	12	23.22	23.22	23.24					
5	QPSK	1	24	23.48	23.38	23.45					
5	QPSK	1	24	23.48	23.38	23.45	24.5	0			
5	QPSK	12	7	22.36	22.45	22.40					
5	QPSK	12	7	22.36	22.45	22.39					
5	QPSK	12	13	22.29	22.29	22.27	23.5	1			
5	QPSK	12	13	22.41	22.44	22.34					
5	16QAM	1	0	22.41	22.42	22.32					
5	16QAM	1	0	22.41	22.42	22.32	23.5	1			
5	16QAM	1	12	22.32	22.49	22.32					
5	16QAM	1	12	22.36	22.44	22.39					
5	16QAM	12	0	21.36	21.30	21.31	22.5	2			
5	16QAM	12	0	21.45	21.41	21.37					
5	16QAM	12	13	21.29	21.29	21.21					
5	16QAM	25	0	21.25	21.31	21.28	22.5	2			
5	16QAM	25	0	21.36	21.30	21.28					
5	16QAM	1	12	21.31	21.32	21.38					
5	16QAM	1	24	21.31	21.31	21.41	21.5	3			
5	16QAM	12	7	20.45	20.45	20.43					
5	16QAM	12	7	20.45	20.45	20.43					
5	256QAM	12	13	20.37	20.38	20.26	19.5	5			
5	256QAM	12	13	20.35	20.39	20.37					
5	256QAM	12	13	18.28	18.25	18.41					
5	256QAM	1	12	18.37	18.34	18.37	19.5	5			
5	256QAM	1	12	18.35	18.34	18.41					
5	256QAM	12	0	18.32	18.30	18.35					
5	256QAM	12	7	18.37	18.36	18.40	19.5	5			
5	256QAM	12	7	18.36	18.34	18.34					
5	256QAM	25	0	18.32	18.33	18.32					

Band 66_Ant 0										
RF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Mids Ch. / Freq	Power High Ch. / Freq	Turnup (dB)	MPR (dB)		
Channel				130072	130232	130572				
Frequency (MHz)				17.00	17.00	17.00				
20	QPSK	1	0	21.25	21.25	21.25	20	0		
20	QPSK	1	49	24.14	24.16	24.22	20	0		
20	QPSK	1	99	24.00	24.00	24.00	20	0		
20	QPSK	50	0	21.25	21.25	21.25	20	0		
20	QPSK	50	24	21.13	21.21	21.29	20	0		
20	QPSK	50	50	21.13	21.21	21.29	20	0		
20	16QAM	1	0	21.27	21.27	21.27	24	1		
20	16QAM	1	49	21.28	21.27	21.25	24	1		
20	16QAM	1	99	21.28	21.27	21.27	24	1		
20	16QAM	50	0	21.14	21.20	21.21	23	2		
20	16QAM	50	24	21.16	21.22	21.21	23	2		
20	16QAM	50	50	21.16	21.22	21.21	23	2		
20	16QAM	100	0	21.15	21.20	21.20	23	2		
20	8QAM	1	0	21.28	21.28	21.28	22	3		
20	8QAM	1	49	21.29	21.28	21.28	22	3		
20	8QAM	1	99	21.29	21.28	21.28	22	3		
20	8QAM	50	0	21.17	21.20	21.20	22	3		
20	8QAM	50	24	21.18	21.21	21.21	22	3		
20	8QAM	50	50	21.18	21.20	21.20	22	3		
20	256QAM	1	0	19.23	19.23	19.23	20	5		
20	256QAM	1	49	19.19	19.19	19.19	20	5		
20	256QAM	1	99	19.20	19.20	19.20	20	5		
20	256QAM	50	0	19.17	19.17	19.17	20	5		
20	256QAM	50	24	19.24	19.24	19.24	20	5		
20	256QAM	50	50	19.13	19.13	19.13	20	5		
20	256QAM	100	0	19.24	19.24	19.24	20	5		
Channel				130047	130232	130597				
Frequency (MHz)				16.98	16.98	16.98				
15	QPSK	1	0	24.18	24.20	24.23	25	0		
15	QPSK	1	47	24.07	24.12	24.21	25	0		
15	QPSK	1	74	23.92	24.11	24.12	25	0		
15	QPSK	50	0	21.25	21.25	21.25	20	0		
15	QPSK	50	24	21.08	21.20	21.23	20	0		
15	QPSK	50	50	21.08	21.20	21.23	20	0		
15	16QAM	1	0	21.27	21.27	21.27	24	1		
15	16QAM	1	47	21.28	21.27	21.25	24	1		
15	16QAM	1	74	21.28	21.27	21.27	24	1		
15	16QAM	50	0	21.22	21.23	21.23	24	1		
15	16QAM	1	27	21.20	21.23	21.49	24	1		
15	16QAM	1	54	21.20	21.23	21.49	24	1		
15	16QAM	50	0	21.01	21.22	21.21	23	2		
15	16QAM	50	24	21.15	21.23	21.22	23	2		
15	16QAM	50	50	21.15	21.23	21.22	23	2		
15	16QAM	75	0	21.01	21.16	21.20	23	2		
15	16QAM	75	24	21.02	21.16	21.20	23	2		
15	16QAM	1	27	22.37	22.41	22.38	23	2		
15	8QAM	1	74	22.24	22.24	22.20	22	3		
15	8QAM	1	54	22.25	22.25	22.20	22	3		
15	8QAM	50	0	21.08	21.20	21.20	22	3		
15	8QAM	36	0	21.13	21.11	21.11	20	5		
15	8QAM	36	74	21.13	21.11	21.11	20	5		
15	8QAM	1	0	19.17	19.20	19.14	20	5		
15	256QAM	1	27	19.08	19.24	19.23	20	5		
15	256QAM	1	54	19.07	19.18	19.18	20	5		
15	256QAM	1	0	19.13	19.22	19.23	20	5		
15	256QAM	36	0	19.12	19.18	19.17	20	5		
15	256QAM	36	74	19.12	19.18	19.17	20	5		
15	256QAM	75	0	19.13	19.20	19.18	20	5		

Band 66_Ant 5										
RF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Mids Ch. / Freq	Power High Ch. / Freq	Turnup (dB)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	13.025	13.022	13.022	25	0		
20	QPSK	1	49	23.44	23.48	23.48	25	0		
20	QPSK	1	99	23.47	23.51	23.42	24	1		
20	QPSK	50	0	22.41	22.41	22.41	24	1		
20	QPSK	50	24	22.63	22.64	22.37	24	1		
20	QPSK	100	0	22.51	22.50	22.32	24	1		
20	16QAM	1	0	22.42	22.43	22.38	24	1		
20	16QAM	1	49	22.69	22.63	22.38	24	1		
20	16QAM	1	99	22.69	22.63	22.41	24	1		
20	16QAM	50	0	21.50	21.49	21.33	23	2		
20	16QAM	50	24	21.38	21.45	21.31	23	2		
20	16QAM	50	50	21.42	21.48	21.42	23	2		
20	16QAM	100	0	21.47	21.46	21.37	23	2		
20	8QAM	1	0	21.62	21.62	21.47	22	3		
20	8QAM	1	49	21.64	21.64	21.46	22	3		
20	8QAM	1	99	21.64	21.64	21.46	22	3		
20	8QAM	50	0	20.44	20.44	20.35	22	3		
20	8QAM	50	24	20.38	20.44	20.31	22	3		
20	8QAM	50	50	20.44	20.54	20.40	22	3		
20	8QAM	100	0	20.50	20.53	20.44	22	3		
20	256QAM	1	0	18.47	18.48	18.38	20	5		
20	256QAM	1	49	18.50	18.43	18.33	20	5		
20	256QAM	1	99	18.50	18.45	18.41	20	5		
20	256QAM	50	0	18.46	18.44	18.38	20	5		
20	256QAM	50	24	18.47	18.44	18.44	20	5		
20	256QAM	50	50	18.44	18.42	18.43	20	5		
20	256QAM	100	0	18.47	18.44	18.32	20	5		
Channel										
Frequency (MHz)										
15	QPSK	1	0	13.017	13.022	13.027	25	0		
15	QPSK	1	49	23.43	23.48	23.48	25	0		
15	QPSK	1	99	23.47	23.49	23.39	25	0		
15	QPSK	1	74	23.43	23.46	23.39	24	1		
15	QPSK	1	244	22.44	22.44	22.41	24	1		
15	QPSK	36	20	22.41	22.30	22.22	24	1		
15	QPSK	36	59	22.43	22.40	22.29	24	1		
15	QPSK	75	0	22.41	22.41	22.31	24	1		
15	16QAM	1	0	22.27	22.40	22.27	24	1		
15	16QAM	1	37	22.27	22.21	22.26	24	1		
15	16QAM	1	74	22.27	22.25	22.26	24	1		
15	16QAM	36	0	21.49	21.40	21.20	23	2		
15	16QAM	36	37	21.29	21.41	21.26	23	2		
15	16QAM	36	74	21.29	21.38	21.31	23	2		
15	16QAM	75	0	21.57	21.34	21.35	23	2		
15	8QAM	1	0	21.62	21.64	21.47	22	3		
15	8QAM	1	37	21.38	21.50	21.31	22	3		
15	8QAM	1	74	21.38	21.57	21.22	22	3		
15	8QAM	36	20	20.37	20.37	20.28	22	3		
15	8QAM	36	59	20.38	20.52	20.26	22	3		
15	8QAM	75	0	20.44	20.54	20.33	22	3		
15	256QAM	1	0	18.34	18.40	18.30	20	5		
15	256QAM	1	37	18.35	18.30	18.30	20	5		
15	256QAM	1	74	18.34	18.34	18.34	20	5		
15	256QAM	36	0	18.40	18.41	18.30	20	5		
15	256QAM	36	37	18.40	18.39	18.43	20	5		
15	256QAM	36	74	18.40	18.39	18.43	20	5		
15	256QAM	75	0	18.41	18.28	18.19	20	5		

[illegible]

Band 12_Ant 0													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up (dBm)	MPR (dB)					
Channel													
Frequency (MHz)				20605	20605	21130							
10	QPSK	1	0	21.56	21.56	21.52		22.5	0				
10	QPSK	1	25	21.74	21.72	21.61							
10	QPSK	1	49	21.75	21.70	21.67							
10	QPSK	25	0	21.71	21.73	21.83							
10	QPSK	25	12	21.60	21.71	21.54		22.5	0				
10	QPSK	25	25	21.59	21.73	21.63							
10	QPSK	50	0	21.62	21.72	21.65							
10	ISQAM	1	0	21.56	21.56	21.54							
10	ISQAM	1	25	21.59	21.67	21.53		22.5	0				
10	ISQAM	1	49	21.62	21.68	21.63							
10	ISQAM	25	0	21.70	21.62	21.61							
10	ISQAM	25	12	21.64	21.71	21.67							
10	ISQAM	25	25	21.66	21.69	21.63		22.5	0				
10	ISQAM	50	0	21.58	21.70	21.58							
10	ISQAM	1	0	21.53	21.61	21.56							
10	ISQAM	1	25	21.59	21.72	21.63							
10	ISQAM	1	49	21.64	21.69	21.65		22.5	0				
10	ISQAM	25	0	21.31	21.33	21.38							
10	ISQAM	25	12	21.56	21.52	21.34							
10	ISQAM	25	25	21.36	21.32	21.35							
10	ISQAM	50	0	21.36	21.32	21.34		22	0.5				
10	ZSSQAM	1	0	19.35	19.35	19.26							
10	ZSSQAM	1	25	19.35	19.35	19.27							
10	ZSSQAM	1	49	19.25	19.35	19.28							
10	ZSSQAM	25	0	19.33	19.38	19.33		20	2.5				
10	ZSSQAM	25	12	19.32	19.27	19.33							
10	ZSSQAM	25	25	19.29	19.38	19.26							
10	ZSSQAM	50	0	19.26	19.31	19.24							
Channel													
Frequency (MHz)				20605 <th>20605<th>21130</th><th></th><th></th><th></th><th></th></th>	20605 <th>21130</th> <th></th> <th></th> <th></th> <th></th>	21130							
5	QPSK	1	0	21.78	21.79	21.73		22.5	0				
5	QPSK	1	25	21.82	21.77	21.81							
5	QPSK	1	12	21.63	21.71	21.56							
5	QPSK	1	24	21.66	21.60	21.54							
5	QPSK	12	0	21.70	21.62	21.58		22.5	0				
5	QPSK	12	7	21.62	21.64	21.59							
5	QPSK	12	13	21.53	21.69	21.67							
5	ISQAM	1	0	21.52	21.63	21.53							
5	ISQAM	1	12	21.57	21.54	21.46		22.5	0				
5	ISQAM	1	24	21.59	21.65	21.48							
5	ISQAM	1	25	21.63	21.59	21.58							
5	ISQAM	12	7	21.62	21.60	21.56							
5	ISQAM	12	13	21.58	21.56	21.49		22.5	0				
5	ISQAM	25	0	21.52	21.62	21.54							
5	ISQAM	1	0	21.49	21.49	21.51							
5	ISQAM	1	12	21.48	21.70	21.59							
5	ISQAM	1	24	21.50	21.68	21.53		22	0.5				
5	ISQAM	12	0	21.16	21.23	21.26							
5	ISQAM	12	7	21.23	21.28	21.23							
5	ISQAM	12	13	21.63	21.59	21.58							
5	ISQAM	25	0	21.20	21.19	21.52		20	2.5				
5	ZSSQAM	1	0	19.28	19.28	19.13							
5	ZSSQAM	1	25	19.28	19.28	19.24							
5	ZSSQAM	1	24	19.20	19.34	19.27							
5	ZSSQAM	12	0	19.15	19.21	19.25		20	2.5				
5	ZSSQAM	12	7	19.15	19.21	19.25							
5	ZSSQAM	12	13	19.17	19.23	19.22							
5	ZSSQAM	25	0	19.25	19.24	19.12							
Channel													
Frequency (MHz)				20605 <th>20605<th>21130</th><th></th><th></th><th></th><th></th></th>	20605 <th>21130</th> <th></th> <th></th> <th></th> <th></th>	21130							
3	QPSK	1	0	21.78	21.79	21.73		22.5	0				
3	QPSK	1	8	21.62	21.68	21.60							
3	QPSK	1	14	21.62	21.69	21.62							
3	QPSK	8	0	21.56	21.70	21.62							
3	QPSK	8	0	21.60	21.72	21.67		22.5	0				
3	QPSK	8	7	21.43	21.69	21.50							
3	QPSK	16	0	21.53	21.68	21.61							
3	ISQAM	1	0	21.61	21.66	21.62							
3	ISQAM	1	8	21.59	21.62	21.50		22.5	0				
3	ISQAM	1	14	21.58	21.65	21.41							
3	ISQAM	8	0	21.61	21.56	21.18							
3	ISQAM	8	4	21.57	21.69	21.62							
3	ISQAM	8	7	21.53	21.56	21.41		22.5	0				
3	ISQAM	16	0	21.48	21.58	21.50							
3	ISQAM	1	0	21.50	21.54	21.54							
3	ISQAM	1	8	21.48	21.69	21.41							
3	ISQAM	14	0	21.53	21.57	21.54		22	0.5				
3	ISQAM	8	0	21.30	21.21	21.23							
3	ISQAM	8	4	21.50	21.28	21.23							
3	ISQAM	8	7	21.20	21.22	21.20							
3	ISQAM	16	0	21.20	21.05	21.26		20	2.5				
3	ZSSQAM	1	0	19.34	19.19	19.18							
3	ZSSQAM	1	8	19.24	19.31	19.15							
3	ZSSQAM	1	14	19.24	19.28	19.23							
3	ZSSQAM	8	0	19.23	19.23	19.21		20	2.5				
3	ZSSQAM	8	4	19.22	19.14	19.32							
3	ZSSQAM	8	7	19.27	19.35	19.20							
3	ZSSQAM	16	0	19.20	19.20	19.16							
Channel													
Frequency (MHz)				20617 <th>20617<th>21170</th><th></th><th></th><th></th><th></th></th>	20617 <th>21170</th> <th></th> <th></th> <th></th> <th></th>	21170							
1.4	QPSK	1	0	21.71	21.82	21.71		22.5	0				
1.4	QPSK	1	8	21.77	21.68	21.59							
1.4	QPSK	1	5	21.67	21.69	21.64							
1.4	QPSK	3	0	21.60	21.65	21.65							
1.4	QPSK	3	0	21.60	21.68	21.60		22.5	0				
1.4	QPSK	3	3	21.49	21.70	21.49							
1.4	QPSK	6	0	21.54	21.71	21.64							
1.4	ISQAM	1	0	21.56	21.58	21.51							
1.4	ISQAM	1	3	21.59	21.69	21.61		22.5	0				
1.4	ISQAM	1	5	21.68	21.67	21.48							
1.4	ISQAM	8	0	21.67	21.56	21.61							
1.4	ISQAM	3	1	21.61	21.70	21.61							
1.4	ISQAM	3	3	21.63	21.63	21.39		22.5	0				
1.4	ISQAM	6	0	21.63	21.63	21.58							
1.4	ISQAM	1	0	21.59	21.67	21.46							
1.4	ISQAM	1	3	21.49	21.65	21.38							
1.4	ISQAM	5	0	21.61	21.56	21.61		22.5	0				
1.4	ISQAM	3	0	21.21	21.32	21.36							
1.4	ISQAM	3	1	21.21	21.31	21.22							
1.4	ISQAM	3	3	21.20	21.20	21.27							
1.4	ISQAM	6	0	21.27	21.20	21.27		22	0.5				
1.4	ZSSQAM	1	0	19.34	19.14	19.22							
1.4	ZSSQAM	1	3	19.13	19.23	19.21							
1.4	ZSSQAM	1	5	19.17	19.27	19.22							
1.4	ZSSQAM	3	0	19.21	19.27	19.19		20	2.5				
1.4	ZSSQAM	3	1	19.26	19.20	19.23							
1.4	ZSSQAM	3	3	19.20	19.35	19.17							
1.4	ZSSQAM	6	0	19.25	19.19	19.21							
1.4	ZSSQAM	3	3	19.20	19.35	19.17		20	2.5				

Band 14_Ant 0								
BW (MHz)	Modulation	RB Size (MHz)	RB Offset	Power Low Ch. (dBm)	Power High Ch. (dBm)	Power Reserve (dBm)	Tune-up (kHz)	MPR (dB)
Channel				23550	23550			
Frequency (MHz)				7330				
5	QPSK	1	0	21.52	21.52			
5	QPSK	1	49	21.52	21.52		21.5	0
5	QPSK	1	99	21.52	21.52			
5	QPSK	25	12	20.50	20.50		21.5	0
5	QPSK	25	25	20.50	20.50			
5	QPSK	50	0	20.50	20.50			
5	HQAM	1	0	20.57	20.57			
5	HQAM	1	25	20.58	20.58		21.5	0
5	HQAM	25	49	20.58	20.58			
5	HQAM	25	0	21.02	21.02			
5	HQAM	25	25	21.03	21.03		21.5	0
5	HQAM	50	0	21.04	21.04			
5	HQAM	50	25	21.05	21.05			
5	HQAM	50	0	20.91	20.91		21.5	0
5	HQAM	50	25	20.92	20.92			
5	HQAM	50	50	20.93	20.93			
5	HQAM	50	0	20.86	20.86		21.5	0
5	HQAM	50	25	20.87	20.87			
5	HQAM	50	50	20.88	20.88			
5	HQAM	50	25	20.89	20.89		21.5	0
5	HQAM	50	50	20.90	20.90			
5	HQAM	50	0	20.82	20.82		21.5	0
5	HQAM	50	25	20.83	20.83			
5	HQAM	50	50	20.84	20.84			
5	HQAM	50	0	20.85	20.85		21.5	0
5	HQAM	50	25	20.86	20.86			
5	HQAM	50	50	20.87	20.87			
5	HQAM	50	0	20.88	20.88		21.5	0
5	HQAM	50	25	20.89	20.89			
5	HQAM	50	50	20.90	20.90			
5	HQAM	50	0	20.91	20.91		21.5	0
5	HQAM	50	25	20.92	20.92			
5	HQAM	50	50	20.93	20.93			
5	HQAM	50	0	20.94	20.94		21.5	0
5	HQAM	50	25	20.95	20.95			
5	HQAM	50	50	20.96	20.96			
5	HQAM	50	0	20.97	20.97		21.5	0
5	HQAM	50	25	20.98	20.98			
5	HQAM	50	50	20.99	20.99			
5	HQAM	50	0	21.00	21.00		21.5	0
5	HQAM	50	25	21.01	21.01			
5	HQAM	50	50	21.02	21.02			
5	HQAM	50	0	21.03	21.03		21.5	0
5	HQAM	50	25	21.04	21.04			
5	HQAM	50	50	21.05	21.05			
5	HQAM	50	0	21.06	21.06		21.5	0
5	HQAM	50	25	21.07	21.07			
5	HQAM	50	50	21.08	21.08			
5	HQAM	50	0	21.09	21.09		21.5	0
5	HQAM	50	25	21.10	21.10			
5	HQAM	50	50	21.11	21.11			
5	HQAM	50	0	21.12	21.12		21.5	0
5	HQAM	50	25	21.13	21.13			
5	HQAM	50	50	21.14	21.14			
5	HQAM	50	0	21.15	21.15		21.5	0
5	HQAM	50	25	21.16	21.16			
5	HQAM	50	50	21.17	21.17			
5	HQAM	50	0	21.18	21.18		21.5	0
5	HQAM	50	25	21.19	21.19			
5	HQAM	50	50	21.20	21.20			
5	HQAM	50	0	21.21	21.21		21.5	0
5	HQAM	50	25	21.22	21.22			
5	HQAM	50	50	21.23	21.23			

Band 66_Ant 0												
DW [MHz]	Modulation	RB Slot	RB Offset	Power Low Ch / Freq	Power Mod Ch / Freq	Power High Ch / Freq	Tune-up (dB)	MPE (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	15.11	15.12	15.13	17	0				
20	QPSK	1	49	15.99	16.00	16.01	17	0				
20	QPSK	1	99	16.03	16.05	16.07	17	0				
20	QPSK	50	0	15.93	15.94	15.95	17	0				
20	QPSK	50	24	15.87	15.88	15.89	17	0				
20	QPSK	50	50	15.95	15.97	15.99	17	0				
20	16QAM	1	0	15.85	15.86	15.87	17	0				
20	16QAM	1	49	15.93	15.95	15.97	17	0				
20	16QAM	1	99	15.84	15.86	15.88	17	0				
20	16QAM	50	0	15.83	15.85	15.87	17	0				
20	16QAM	50	24	15.90	15.92	15.94	17	0				
20	16QAM	50	50	15.84	15.86	15.88	17	0				
20	64QAM	1	0	15.83	15.85	15.87	17	0				
20	64QAM	1	49	15.91	15.93	15.95	17	0				
20	64QAM	1	99	15.95	16.03	16.01	17	0				
20	64QAM	50	0	15.88	15.90	15.95	17	0				
20	64QAM	50	24	15.87	15.84	16.01	17	0				
20	64QAM	50	50	15.89	15.90	15.95	17	0				
20	256QAM	1	0	15.92	15.90	16.00	17	0				
20	256QAM	1	49	15.93	15.93	16.02	17	0				
20	256QAM	1	99	15.93	16.02	16.07	17	0				
20	256QAM	50	0	15.89	15.92	16.01	17	0				
20	256QAM	50	24	15.93	15.90	15.94	17	0				
20	256QAM	50	50	15.89	16.01	16.04	17	0				
20	256QAM	100	0	15.90	16.02	16.03	17	0				
Channel												
Frequency (MHz)												
15	QPSK	1	0	15.10	15.17	16.13	17	0				
15	QPSK	1	25	15.65	16.00	16.00	17	0				
15	QPSK	1	74	16.00	16.00	15.93	17	0				
15	QPSK	36	0	15.85	16.00	15.98	17	0				
15	QPSK	36	25	15.77	16.00	16.00	17	0				
15	QPSK	36	50	15.81	15.89	15.92	17	0				
15	QPSK	75	0	15.91	16.01	15.90	17	0				
15	16QAM	1	0	15.82	15.97	16.04	17	0				
15	16QAM	1	37	15.89	15.97	15.93	17	0				
15	16QAM	1	74	15.81	15.92	15.91	17	0				
15	16QAM	36	0	15.76	16.04	15.97	17	0				
15	16QAM	36	25	15.86	15.98	15.91	17	0				
15	16QAM	36	50	15.79	16.02	16.03	17	0				
15	16QAM	75	0	15.77	15.92	16.04	17	0				
15	64QAM	1	0	15.72	15.92	15.91	17	0				
15	64QAM	1	37	15.76	16.08	15.98	17	0				
15	64QAM	1	74	15.80	15.93	15.98	17	0				
15	64QAM	36	0	15.67	15.98	16.06	17	0				
15	64QAM	36	25	15.72	15.99	15.94	17	0				
15	64QAM	36	50	15.76	15.98	15.97	17	0				
15	64QAM	75	0	15.89	15.95	15.96	17	0				
15	256QAM	1	0	15.81	15.94	15.93	17	0				
15	256QAM	1	25	15.85	15.97	15.93	17	0				
15	256QAM	1	74	15.91	15.94	15.93	17	0				
15	256QAM	36	0	15.86	16.04	15.96	17	0				
15	256QAM	36	25	15.90	15.95	15.91	17	0				
15	256QAM	36	50	15.79	15.98	15.93	17	0				
15	256QAM	75	0	15.89	16.04	15.91	17	0				
Channel												
Frequency (MHz)												
10	QPSK	1	0	15.10	15.17	16.21	17	0				
10	QPSK	1	25	15.68	15.98	15.96	17	0				
10	QPSK	1	49	16.00	15.97	15.97	17	0				
10	QPSK	25	0	15.94	16.13	15.98	17	0				
10	QPSK	25	25	15.72	15.97	15.97	17	0				
10	QPSK	25	50	15.93	15.94	15.99	17	0				
10	QPSK	50	0	15.80	16.00	15.98	17	0				
10	16QAM	1	0	15.76	15.98	15.99	17	0				
10	16QAM	1	25	15.90	15.92	15.94	17	0				
10	16QAM	1	49	15.80	15.87	15.88	17	0				
10	16QAM	25	0	15.80	15.94	15.95	17	0				
10	16QAM	25	12	15.78	15.97	15.97	17	0				
10	16QAM	25	25	15.83	16.01	15.94	17	0				
10	16QAM	50	0	15.81	15.94	15.92	17	0				
10	64QAM	1	0	15.78	15.95	15.95	17	0				
10	64QAM	1	25	15.83	15.98	15.98	17	0				
10	64QAM	1	49	15.93	15.98	15.99	17	0				
10	64QAM	25	0	15.73	15.95	15.92	17	0				
10	64QAM	25	12	15.89	15.92	15.98	17	0				
10	64QAM	25	25	15.80	16.01	15.91	17	0				
10	64QAM	50	0	15.77	15.96	15.93	17	0				
10	256QAM	1	0	15.74	16.00	16.01	17	0				
10	256QAM	1	25	15.85	15.97	15.97	17	0				
10	256QAM	1	49	15.83	15.90	15.93	17	0				
10	256QAM	25	0	15.82	16.11	15.96	17	0				
10	256QAM	25	12	15.86	15.97	15.95	17	0				
10	256QAM	25	25	15.87	15.98	16.02	17	0				
10	256QAM	50	0	15.86	16.00	15.91	17	0				
Channel												
Frequency (MHz)												
5	QPSK	1	0	15.05	16.12	15.99	17	0				
5	QPSK	1	25	15.66	15.98	15.96	17	0				
5	QPSK	1	24	15.95	16.00	15.92	17	0				
5	QPSK	12	0	15.88	16.12	15.97	17	0				
5	QPSK	12	13	15.78	15.91	16.00	17	0				
5	QPSK	12	13	15.89	15.94	15.97	17	0				
5	QPSK	20	0	15.85	16.00	15.85	17	0				
5	16QAM	1	0	15.73	15.93	16.00	17	0				
5	16QAM	1	12	15.83	15.99	15.99	17	0				
5	16QAM	1	24	15.81	15.93	15.87	17	0				
5	16QAM	12	7	15.82	16.03	15.92	17	0				
5	16QAM	12	13	15.72	16.04	16.01	17	0				
5	16QAM	24	0	15.80	16.01	16.03	17	0				
5	64QAM	1	0	15.78	16.02	16.03	17	0				
5	64QAM	1	12	15.83	15.98	15.98	17	0				
5	64QAM	1	24	15.80	15.93	15.93	17	0				
5	64QAM	12	0	15.74	15.96	15.93	17	0				
5	64QAM	12	13	15.84	15.96	15.93	17	0				
5	64QAM	24	0	15.78	15.98	15.98	17	0				
5	64QAM	24	13	15.74	15.98	15.98	17	0				
5	64QAM	12	13	15.86	15.98	15.86	17	0				
5	256QAM	1	0	15.82	16.00	16.01	17	0				
5	256QAM	1	12	15.86	16.10	16.01	17	0				
5	256QAM	1	24	15.89	15.93	16.06	17	0				
5	256QAM	12	0	15.80	16.02	16.03	17	0				
5	256QAM	12	7	15.82	16.04	16.02	17	0				
5	256QAM	12	13	15.76	15.91	15.98	17	0				
5	256QAM	24	0	15.88	16.00	15.90	17	0				
Channel												
Frequency (MHz)												
19199.5	QPSK	1	0	19.1999	19.2000	19.2001	17	0				
19199.5	QPSK	1	49	19.2000	19.2001	19.2002	17	0				
19199.5	QPSK	1	99	19.2001	19.2002	19.2003	17	0				
19199.5	QPSK	50	0	19.1999	19.2000	19.2001	17	0				
19199.5	QPSK	50	24	19.1999	19.2000	19.2001	17	0				
19199.5	QPSK	50	50	19.2000	19.2001	19.2002	17	0				
19199.5	16QAM	1	0	19.1999	19.2000	19.2001	17	0				
19199.5	16QAM	1	49	19.2000	19.2001	19.2002	17	0				
19199.5	16QAM	1	99	19.2001	19.2002	19.2003	17	0				
19199.5	16QAM	50	0	19.1999	19.2000	19.2001	17	0				
19199.5	16QAM	50	24	19.1999	19.2000	19.2001	17	0				
19199.5	16QAM	50	50	19.2000	19.2001	19.2002	17	0				
19199.5	64QAM	1	0	19.1999	19.2000	19.2001	17	0				
19199.5	64QAM	1	49	19.2000	19.2001	19.2002	17	0				
19199.5	64QAM	1	99	19.2001	19.2002	19.2003	17	0				
19199.5	64QAM	50	0	19.1999	19.2000	19.2001	17	0				
19199.5	64QAM	50	24	19.1999	19.2000	19.2001	17	0				
19199.5	64QAM	50	50	19.2000	19.2001	19.2002	17	0				
19199.5	256QAM	1	0	19.1999	19.2000	19.2001	17	0				
19199.5	256QAM	1	49	19.2000	19.2001	19.2002	17	0				
19199.5	256QAM	1	99	19.2001	19.2002	19.2003	17	0				
19199.5	256QAM	50	0	19.1999	19.2000	19.2001	17	0				
19199.5	256QAM	50	24	19.1999	19.2000	19.2001	17	0				
19199.5	256QAM	50	50	19.2000	19.2001	19.2002	17	0				
19199.5	256QAM	100	0	19.1999	19.2000	19.2001	17	0				

Full Power

n2_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)				1870	1880	1890		
40	Pi2 BPSK	1	1	23.84	23.68	23.54		
40	Pi2 BPSK	1	108	23.83	23.75	23.60	25.0	0.0
40	Pi2 BPSK	1	214	23.58	23.64	23.48		
40	Pi2 BPSK	108	0	23.11	23.25	23.08	24.5	0.5
40	Pi2 BPSK	108	54	23.86	23.75	23.58	25.0	0.0
40	Pi2 BPSK	108	108	23.22	23.27	23.09		
40	Pi2 BPSK	216	0	23.17	23.31	23.14	24.5	0.5
40	QPSK	1	1	23.71	23.82	23.63		
40	QPSK	1	108	23.80	23.77	23.55	25.0	0.0
40	QPSK	1	214	23.82	23.74	23.53		
40	QPSK	108	0	22.55	22.76	22.55	24.0	1.0
40	QPSK	108	54	23.89	23.77	23.63	25.0	0.0
40	QPSK	108	108	22.71	22.74	22.52	24.0	1.0
40	QPSK	216	0	22.74	22.78	22.60		
40	16QAM	1	1	22.71	22.76	22.57	24.0	1.0
40	64QAM	1	1	21.06	21.08	20.95	22.5	2.5
40	256QAM	1	1	19.02	19.95	18.74	20.5	4.5
Channel								
Frequency (MHz)				373000	378000	379000	Tune-up limit (dBm)	MPR
30	QPSK	1	1	23.83	23.68	1895	25.0	0.0
Channel								
Frequency (MHz)				372500	378000	379500	Tune-up limit (dBm)	MPR
25	QPSK	1	1	1862.5	1880	1897.5	25.0	0.0
Channel								
Frequency (MHz)				1880	1880	1900	Tune-up limit (dBm)	MPR
20	QPSK	1	1	23.59	23.70	23.45	25.0	0.0
Channel								
Frequency (MHz)				371500	378000	380500	Tune-up limit (dBm)	MPR
15	QPSK	1	1	1891.5	1890	1892.5	25.0	0.0
Channel								
Frequency (MHz)				371000	378000	381000	Tune-up limit (dBm)	MPR
10	QPSK	1	1	1855	1880	1905	25.0	0.0
Channel								
Frequency (MHz)				370200	370200	381500	Tune-up limit (dBm)	MPR
5	QPSK	1	1	1852.5	1880	1907.5	25.0	0.0

n5_Ant 0

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				634	636.5	639		
20	Pi2 BPSK	1	1	23.11	23.48	23.66		
20	Pi2 BPSK	1	53	23.81	23.82	23.76	25.0	0.0
20	Pi2 BPSK	1	104	23.31	23.38	23.27		
20	Pi2 BPSK	50	0	23.41	23.65	23.57	24.5	0.5
20	Pi2 BPSK	50	26	23.76	23.89	23.72	25.0	0.0
20	Pi2 BPSK	50	56	23.49	23.59	23.31		
20	Pi2 BPSK	100	0	23.57	23.61	23.66	24.5	0.5
20	QPSK	1	1	23.25	23.52	23.67		
20	QPSK	1	53	23.94	24.06	23.52	25.0	0.0
20	QPSK	1	104	23.36	23.38	23.24		
20	QPSK	50	0	23.21	23.29	23.25	24.0	1.0
20	QPSK	50	26	23.61	23.94	23.75	25.0	0.0
20	QPSK	50	56	23.15	23.27	23.11	24.0	1.0
20	QPSK	100	0	23.17	23.21	23.14		
20	16QAM	1	1	23.12	23.37	23.37	24.0	1.0
20	64QAM	1	1	21.52	21.56	21.52	22.5	2.5
20	256QAM	1	1	19.46	19.58	19.46	20.5	4.5
Channel								
Frequency (MHz)				165300	167300	168300	Tune-up limit (dBm)	MPR
15	QPSK	1	1	23.80	23.98	23.74	25.0	0.0
Channel								
Frequency (MHz)				165800	167300	168800	Tune-up limit (dBm)	MPR
10	QPSK	1	1	629	636.5	644	25.0	0.0
Channel								
Frequency (MHz)				165300	167300	168300	Tune-up limit (dBm)	MPR
5	QPSK	1	1	23.86	23.89	23.70	25.0	0.0

n30_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)				2310				
10	Pi2 BPSK	1	1		23.41			
10	Pi2 BPSK	1	26		23.38		24.5	0.0
10	Pi2 BPSK	1	50		23.41			
10	Pi2 BPSK	25	0		22.84		24.0	0.5
10	Pi2 BPSK	25	14		23.31		24.5	0.0
10	Pi2 BPSK	25	27		22.80		24.0	0.5
10	Pi2 BPSK	50	0		22.81			
10	QPSK	1	1		23.48			
10	QPSK	1	26		23.43		24.5	0.0
10	QPSK	1	50		23.46			
10	QPSK	25	0		22.34		23.5	1.0
10	QPSK	25	14		23.41		24.5	0.0
10	QPSK	25	27		22.30		23.5	1.0
10	QPSK	50	0		22.32		23.5	1.0
10	16QAM	1	1		22.26		22.0	2.5
10	64QAM	1	1		20.76		20.0	4.5
10	256QAM	1	1		18.69			
Channel								
Frequency (MHz)				461500	462000	462500	Tune-up limit (dBm)	MPR
5	QPSK	1	1	23.39	23.41	23.38	24.5	0.0

n66_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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PQ2 BPSK	1	1	23.71	23.76	23.72		
40	PQ2 BPSK	1	108	23.88	23.94	23.82	25.0	0.0
40	PQ2 BPSK	1	214	23.86	23.91	23.76		
40	PQ2 BPSK	108	0	23.32	23.42	23.33	24.5	0.5
40	PQ2 BPSK	108	54	23.76	23.91	23.84	25.0	0.0
40	PQ2 BPSK	108	108	23.35	23.41	23.31		
40	PQ2 BPSK	216	0	23.33	23.46	23.37	24.5	0.5
40	QPSK	1	1	23.91	24.05	23.89		
40	QPSK	1	108	23.71	23.81	23.76	25.0	0.0
40	QPSK	1	214	23.84	23.86	23.62		
40	QPSK	108	0	22.76	22.86	22.81	24.0	1.0
40	QPSK	108	54	23.87	23.94	22.85	25.0	0.0
40	QPSK	108	108	22.84	22.89	22.82	24.0	1.0
40	QPSK	216	0	22.91	23.05	22.89		
40	16QAM	1	1	22.86	22.89	22.78	24.0	1.0
40	64QAM	1	1	21.15	21.16	21.09	22.5	2.5
40	256QAM	1	1	19.19	19.23	19.17	20.5	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	23.72	23.93	23.79	25.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	23.01	23.80	23.75	25.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.71	23.81	23.78	25.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.70	23.91	23.74	25.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.69	23.93	23.81	25.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.82	23.83	23.69	25.0	0.0

Part27Q_n77_Ant 1_PC2									
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)				3499.98	3499.98	3499.98			
100	PI2 BPSK	1	1	26.42					
100	PI2 BPSK	1	137	26.36			28.0	0.0	
100	PI2 BPSK	1	271	26.30					
100	PI2 BPSK	135	0	25.96			27.5	0.5	
100	PI2 BPSK	135	69	26.27			28.0	0.0	
100	PI2 BPSK	135	138	25.77			27.5	0.5	
100	PI2 BPSK	270	0	25.86					
100	QPSK	1	1	26.63					
100	QPSK	1	137	26.42			28.0	0.0	
100	QPSK	1	271	26.42					
100	QPSK	135	0	25.58			27.0	1.0	
100	QPSK	135	69	26.48			28.0	0.0	
100	QPSK	135	138	25.41			27.0	1.0	
100	QPSK	270	0	25.50			27.0	1.0	
100	16QAM	1	1	25.37			27.0	1.0	
100	64QAM	1	1	23.84			25.5	2.5	
100	256QAM	1	1	21.85			23.5	4.5	
Channel									
Frequency (MHz)				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	26.40	26.51	26.38	28.0	0.0	
Channel									
Frequency (MHz)				632098	633332	634000	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	26.36	26.44	26.43	28.0	0.0	
Channel									
Frequency (MHz)				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	26.36	26.42	26.35	28.0	0.0	
Channel									
Frequency (MHz)				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	26.42	26.47	26.37	28.0	0.0	
Channel									
Frequency (MHz)				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	26.36	26.45	26.38	28.0	0.0	
Channel									
Frequency (MHz)				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	26.39	26.52	26.31	28.0	0.0	
Channel									
Frequency (MHz)				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	26.42	26.49	26.37	28.0	0.0	
Channel									
Frequency (MHz)				630598	633332	636000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	26.36	26.52	26.40	28.0	0.0	
Channel									
Frequency (MHz)				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	26.42	26.41	26.40	28.0	0.0	
Channel									
Frequency (MHz)				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	26.35	26.49	26.33	28.0	0.0	

Part27O_n77_Ant 1_PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq. 650000	Power Ch. / Freq. 650000	Power Ch. / Freq. 662000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3760	3840	3930			
100	PI2 BPSK	1	1	26.87	26.89	26.72			
100	PI2 BPSK	1	137	26.79	26.82	26.75	28.0	0.0	
100	PI2 BPSK	1	271	26.81	26.76	26.68			
100	PI2 BPSK	135	0	26.31	26.35	26.19	27.5	0.5	
100	PI2 BPSK	135	69	26.79	26.73	26.66	28.0	0.0	
100	PI2 BPSK	135	138	26.23	26.21	26.10	27.5	0.5	
100	PI2 BPSK	270	0	26.32	26.35	26.26			
100	QPSK	1	1	26.89	26.91	26.80			
100	QPSK	1	137	26.83	26.85	26.76	28.0	0.0	
100	QPSK	1	271	26.75	26.78	26.71			
100	QPSK	135	0	25.81	25.89	25.73	27.0	1.0	
100	QPSK	135	69	26.76	26.62	26.66	28.0	0.0	
100	QPSK	135	138	25.78	25.78	25.69	27.0	1.0	
100	QPSK	270	0	25.82	25.88	25.71			
100	16QAM	1	1	25.76	25.86	25.76	27.0	1.0	
100	64QAM	1	1	24.14	24.21	24.09	25.5	2.5	
100	256QAM	1	1	22.12	22.18	22.10	23.5	4.5	
Channel									
Frequency (MHz)				3745.02	3840	3934.98	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	26.78	26.83	26.61	28.0	0.0	
Channel									
Frequency (MHz)				649334	650000	663666	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	26.73	26.80	26.63	28.0	0.0	
Channel									
Frequency (MHz)				646668	650000	663332	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	26.61	26.70	26.71	28.0	0.0	
Channel									
Frequency (MHz)				646334	650000	663666	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	26.72	26.78	26.71	28.0	0.0	
Channel									
Frequency (MHz)				646000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	26.68	26.79	26.69	28.0	0.0	
Channel									
Frequency (MHz)				647668	650000	664332	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	26.78	26.82	26.67	28.0	0.0	
Channel									
Frequency (MHz)				647000	650000	664500	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	26.78	26.81	26.63	28.0	0.0	
Channel									
Frequency (MHz)				647334	650000	664866	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	26.74	26.83	26.62	28.0	0.0	
Channel									
Frequency (MHz)				647168	650000	664832	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	26.79	26.77	26.59	28.0	0.0	
Channel									
Frequency (MHz)				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	26.78	26.76	26.71	28.0	0.0	

Part96_n77_Ant 1_PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 640000	Power High Ch. / Freq. 641666	Power Ch. / Freq. 643332	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3600	3624.99	3649.98			
100	PI2 BPSK	1	1	15.99	16.02	15.88			
100	PI2 BPSK	1	137	15.91	16.02	15.90	17.5	0.0	
100	PI2 BPSK	1	271	15.95	16.01	15.92			
100	PI2 BPSK	135	0	15.93	16.06	15.78	17.5	0.0	
100	PI2 BPSK	135	69	15.97	16.05	15.78	17.5	0.0	
100	PI2 BPSK	135	138	16.04	16.05	15.88	17.5	0.0	
100	PI2 BPSK	270	0	15.96	16.02	15.96			
100	QPSK	1	1	16.11	16.23	16.15			
100	QPSK	1	137	16.07	16.13	15.93	17.5	0.0	
100	QPSK	1	271	16.05	16.06	15.90			
100	QPSK	135	0	16.01	15.98	15.84	17.5	0.0	
100	QPSK	135	69	16.06	16.10	15.83	17.5	0.0	
100	QPSK	135	138	15.99	16.00	15.86	17.5	0.0	
100	QPSK	270	0	15.98	15.99	15.81			
100	16QAM	1	1	15.95	15.99	15.81	17.5	0.0	
100	64QAM	1	1	16.00	16.02	15.88	17.5	0.0	
100	256QAM	1	1	16.05	16.06	15.97	17.5	0.0	
Channel									
Frequency (MHz)				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	15.98	16.08	15.88	17.5	0.0	
Channel									
Frequency (MHz)				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	16.03	15.96	15.87	17.5	0.0	
Channel									
Frequency (MHz)				639668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	16.05	16.01	15.85	17.5	0.0	
Channel									
Frequency (MHz)				639334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	15.98	16.06	15.88	17.5	0.0	
Channel									
Frequency (MHz)				639000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	15.92	16.08	15.86	17.5	0.0	
Channel									
Frequency (MHz)				639668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	15.98	15.96	15.90	17.5	0.0	
Channel									
Frequency (MHz)				639334	641666	645932	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	15.95	16.06	15.82	17.5	0.0	
Channel									
Frequency (MHz)				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	16.04	15.97	15.91	17.5	0.0	
Channel									
Frequency (MHz)				637668	641666	646166	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	16.05	16.08	15.90	17.5	0.0	
Channel									
Frequency (MHz)				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	15.99	16.07	15.88	17.5	0.0	

n2_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				376000	376000	376000	
Frequency (MHz)				1870	1880	1890	
40	PI2 BPSK	1	1	23.64	23.68	23.54	
40	PI2 BPSK	1	108	23.63	23.75	23.80	25.0
40	PI2 BPSK	1	214	23.58	23.64	23.48	
40	PI2 BPSK	108	0	23.11	23.25	23.08	24.5
40	PI2 BPSK	108	54	23.66	23.75	23.58	25.0
40	PI2 BPSK	108	108	23.22	23.27	23.09	
40	PI2 BPSK	216	0	23.17	23.31	23.14	24.5
40	QPSK	1	1	23.71	23.82	23.63	
40	QPSK	1	108	23.60	23.77	23.55	25.0
40	QPSK	1	214	23.62	23.74	23.53	
40	QPSK	108	0	22.85	22.76	22.55	24.0
40	QPSK	108	54	23.68	23.77	23.58	25.0
40	QPSK	108	108	22.71	22.74	22.52	
40	QPSK	216	0	22.74	22.78	22.60	24.0
40	16QAM	1	1	22.71	22.76	22.57	24.0
40	16QAM	1	1	21.06	21.08	20.95	22.5
40	256QAM	1	1	19.02	18.95	18.74	20.5
Channel				373000	376000	379000	
Frequency (MHz)				1865	1880	1895	
30	QPSK	1	1	23.63	23.68	23.38	25.0
Channel				372500	373000	373500	
Frequency (MHz)				1862.5	1880	1897.5	
25	QPSK	1	1	23.62	23.62	23.51	25.0
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	1	23.59	23.70	23.45	25.0
Channel				371500	376000	380000	
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	1	23.55	23.62	23.40	25.0
Channel				371000	373000	371000	
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	1	23.58	23.73	23.47	25.0
Channel				370500	376000	381500	
Frequency (MHz)				1852.5	1880	1927.5	
5	QPSK	1	1	23.55	23.58	23.40	25.0

Receiver on Power							
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				166800	167000	167600	
Frequency (MHz)				834	836.5	838	
20	PI2 BPSK	1	1	23.11	23.46	23.68	
20	PI2 BPSK	1	50	23.81	23.82	23.76	25.0
20	PI2 BPSK	1	104	23.31	23.38	23.27	
20	PI2 BPSK	50	0	23.41	23.65	23.57	24.5
20	PI2 BPSK	50	28	23.76	23.89	23.72	25.0
20	PI2 BPSK	50	56	23.49	23.58	23.31	
20	PI2 BPSK	100	0	23.57	23.61	23.66	24.5
20	QPSK	1	1	23.25	23.52	23.67	
20	QPSK	1	53	23.84	24.06	23.82	25.0
20	QPSK	1	104	23.36	23.38	23.24	
20	QPSK	50	0	23.21	23.29	23.25	24.0
20	QPSK	50	28	23.91	23.94	23.78	25.0
20	QPSK	50	56	23.15	23.27	23.11	
20	QPSK	100	0	23.17	23.21	23.14	24.0
20	16QAM	1	1	23.12	23.37	23.37	24.0
20	16QAM	1	1	21.52	21.56	21.52	22.5
20	256QAM	1	1	19.48	19.58	19.46	20.5
Channel				166300	167300	168300	
Frequency (MHz)				831.5	836.5	841.5	
15	QPSK	1	1	23.80	23.98	23.74	25.0
Channel				165800	167300	168300	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	1	23.69	23.93	23.71	25.0
Channel				165300	167300	169300	
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	1	23.88	23.89	23.70	25.0

n30_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				460000	460000	460000	
Frequency (MHz)				2310			
10	PI2 BPSK	1	1		23.41		
10	PI2 BPSK	1	26		23.39		24.5
10	PI2 BPSK	1	50		23.41		
10	PI2 BPSK	25	0		22.84		24.0
10	PI2 BPSK	25	14		23.31		24.5
10	PI2 BPSK	25	27		22.80		
10	PI2 BPSK	50	0		22.81		24.0
10	QPSK	1	1		23.68		
10	QPSK	1	26		23.45		24.5
10	QPSK	1	50		23.46		
10	QPSK	25	0		22.34		23.5
10	QPSK	25	14		23.41		24.5
10	QPSK	25	27		22.30		23.5
10	QPSK	50	0		22.32		
10	16QAM	1	1		22.28		23.5
10	16QAM	1	1		20.78		22.0
10	256QAM	1	1		18.69		20.0
Channel				461500	462000	462500	
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	1	23.39	23.41	23.38	24.5

n66_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				345000	349000	353000	25.0	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI2 BPSK	1	1	23.71	23.76	23.72	25.0	0.0	
40	PI2 BPSK	1	108	23.88	23.94	23.82			
40	PI2 BPSK	1	214	23.86	23.91	23.76	24.5	0.5	
40	PI2 BPSK	108	0	23.32	23.42	23.33	24.5	0.0	
40	PI2 BPSK	108	54	23.76	23.91	23.84	25.0	0.0	
40	PI2 BPSK	108	108	23.35	23.41	23.31	24.5	0.5	
40	PI2 BPSK	216	0	23.33	23.46	23.37			
40	QPSK	1	1	23.31	23.45	23.38	25.0	0.0	
40	QPSK	1	108	23.71	23.81	23.76			
40	QPSK	1	214	23.84	23.86	23.82	24.0	1.0	
40	QPSK	108	0	22.76	22.86	22.81			
40	QPSK	108	54	23.37	23.94	23.85	25.0	0.0	
40	QPSK	108	108	22.84	22.89	22.82	24.0	1.0	
40	QPSK	216	0	22.91	23.05	22.89			
40	16QAM	1	1	22.86	22.89	22.78	24.0	1.0	
40	16QAM	1	1	21.15	21.16	21.09	22.5	2.5	
40	256QAM	1	1	19.15	19.23	19.17	20.5	4.5	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	23.72	23.93	23.79	25.0	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	23.81	23.80	23.75	25.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722	1745	1770			
20	QPSK	1	1	23.71	23.81	23.78	25.0	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	23.70	23.91	23.74	25.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.69	23.93	23.81	25.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	23.62	23.53	23.69	25.0	0.0	

Part27Q_n77_Ant 1_PC2

BW (MHz)	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	PI2 BPSK	1	1	19.04			20.5	0.0
100	PI2 BPSK	1	137	19.07				
100	PI2 BPSK	1	271	19.03				
100	PI2 BPSK	135	0	19.07			20.5	0.0
100	PI2 BPSK	135	69	19.02			20.5	0.0
100	PI2 BPSK	135	138	19.07			20.5	0.0
100	PI2 BPSK	270	0	18.99			20.5	0.0
100	QPSK	1	1	19.11				
100	QPSK	1	137	19.00				
100	QPSK	1	271	19.01			20.5	0.0
100	QPSK	135	0	18.93				
100	QPSK	135	69	19.05				
100	QPSK	135	138	19.09			20.5	0.0
100	QPSK	270	0	19.01			20.5	0.0
100	16QAM	1	1	18.97			20.5	0.0
100	64QAM	1	1	18.96			20.5	0.0
100	256QAM	1	1	18.91			20.5	0.0
Channel								
Frequency (MHz)				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
				3495	3499.98	3504.99		
90	QPSK	1	1	18.97	18.85	18.91	20.5	0.0
Channel								
Frequency (MHz)				632968	633332	634000	Tune-up limit (dBm)	MPR (dB)
				3490.02	3499.98	3510		
80	QPSK	1	1	18.95	18.79	18.90	20.5	0.0
Channel								
Frequency (MHz)				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
				3490	3499.98	3519.99		
60	QPSK	1	1	18.90	18.77	18.81	20.5	0.0
Channel								
Frequency (MHz)				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
				3475.02	3499.98	3525		
50	QPSK	1	1	18.93	18.77	18.82	20.5	0.0
Channel								
Frequency (MHz)				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.95	18.80	18.92	20.5	0.0
Channel								
Frequency (MHz)				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
				3495	3499.98	3534.99		
30	QPSK	1	1	18.90	18.81	18.87	20.5	0.0
Channel								
Frequency (MHz)				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
				3482.51	3499.98	3537.48		
25	QPSK	1	1	18.99	18.87	18.89	20.5	0.0
Channel								
Frequency (MHz)				630268	633332	636000	Tune-up limit (dBm)	MPR (dB)
				3480.02	3499.98	3540		
20	QPSK	1	1	18.92	18.77	18.87	20.5	0.0
Channel								
Frequency (MHz)				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
				3475.5	3499.98	3542.49		
15	QPSK	1	1	19.00	18.81	18.86	20.5	0.0
Channel								
Frequency (MHz)				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.91	18.82	18.87	20.5	0.0

Part27O_n77_Ant 1_PC2

BW (MHz)	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)				3750	3840	3930		
100	PI2 BPSK	1	1	19.26	19.31	19.25	20.5	0.0
100	PI2 BPSK	1	137	19.17	19.31	19.24		
100	PI2 BPSK	1	271	19.30	19.31	19.17		
100	PI2 BPSK	135	0	19.19	19.29	19.18	20.5	0.0
100	PI2 BPSK	135	69	19.23	19.19	19.16	20.5	0.0
100	PI2 BPSK	135	138	19.19	19.30	19.16	20.5	0.0
100	PI2 BPSK	270	0	19.24	19.28	19.17	20.5	0.0
100	QPSK	1	1	19.31	19.34	19.26		
100	QPSK	1	137	19.23	19.24	19.22		
100	QPSK	1	271	19.25	19.23	19.15	20.5	0.0
100	QPSK	135	0	19.20	19.22	19.15		
100	QPSK	135	69	19.21	19.33	19.16		
100	QPSK	135	138	19.18	19.27	19.11	20.5	0.0
100	QPSK	270	0	19.20	19.23	19.13	20.5	0.0
100	16QAM	1	1	19.18	19.28	19.05	20.5	0.0
100	64QAM	1	1	19.08	19.28	19.02	20.5	0.0
100	256QAM	1	1	19.16	19.27	19.14	20.5	0.0
Channel								
Frequency (MHz)				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
				3745.02	3840	3934.98		
90	QPSK	1	1	19.14	19.32	19.02	20.5	0.0
Channel								
Frequency (MHz)				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
				3740.01	3840	3939.99		
80	QPSK	1	1	19.08	19.24	19.15	20.5	0.0
Channel								
Frequency (MHz)				648668	650000	653332	Tune-up limit (dBm)	MPR (dB)
				3730.02	3840	3949.98		
60	QPSK	1	1	19.13	19.25	19.19	20.5	0.0
Channel								
Frequency (MHz)				648334	650000	653666	Tune-up limit (dBm)	MPR (dB)
				3725.01	3840	3954.99		
50	QPSK	1	1	19.16	19.26	19.13	20.5	0.0
Channel								
Frequency (MHz)				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)
				3720	3840	3960		
40	QPSK	1	1	19.07	19.27	19.01	20.5	0.0
Channel								
Frequency (MHz)				647668	650000	654332	Tune-up limit (dBm)	MPR (dB)
				3715.02	3840	3954.98		
30	QPSK	1	1	19.00	19.29	19.02	20.5	0.0
Channel								
Frequency (MHz)				647500	650000	654500	Tune-up limit (dBm)	MPR (dB)
				3712.5	3840	3967.5		
25	QPSK	1	1	19.12	19.19	19.10	20.5	0.0
Channel								
Frequency (MHz)				647334	650000	654666	Tune-up limit (dBm)	MPR (dB)
				3710.01	3840	3969.99		
20	QPSK	1	1	19.17	19.31	19.07	20.5	0.0
Channel								
Frequency (MHz)				647168	650000	654832	Tune-up limit (dBm)	MPR (dB)
				3707.02	3840	3972.48		
15	QPSK	1	1	19.10	19.26	19.14	20.5	0.0
Channel								
Frequency (MHz)				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)
				3705	3840	3975		
10	QPSK	1	1	19.19	19.22	19.06	20.5	0.0

Part96_n77_Ant 1_PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	Ch Delta +0.5
Channel									
Frequency (MHz)				3600	3624.99	3649.98			
100	PI2 BPSK	1	1	15.99	16.02	15.88	17.5	0.0	0.14
100	PI2 BPSK	1	137	15.91	16.02	15.90			
100	PI2 BPSK	1	271	15.95	16.01	15.92			
100	PI2 BPSK	135	0	15.93	16.06	15.78	17.5	0.0	0.28
100	PI2 BPSK	135	69	15.97	15.96	15.78	17.5	0.0	0.19
100	PI2 BPSK	135	138	16.04	16.05	15.88	17.5	0.0	0.19
100	PI2 BPSK	270	0	15.96	16.02	15.86	17.5	0.0	0.33
100	QPSK	1	1	16.11	16.23	16.15			
100	QPSK	1	137	16.07	16.13	15.93			
100	QPSK	1	271	16.05	16.06	15.90	17.5	0.0	0.17
100	QPSK	135	0	16.01	15.98	15.84			
100	QPSK	135	69	16.06	16.10	15.93			
100	QPSK	135	138	15.99	16.00	15.86	17.5	0.0	0.19
100	QPSK	270	0	15.96	15.99	15.81	17.5	0.0	0.18
100	16QAM	1	1	15.95	15.99	15.81	17.5	0.0	0.14
100	64QAM	1	1	16.00	16.02	15.88	17.5	0.0	0.19
100	256QAM	1	1	16.05	16.06	15.87	17.5	0.0	0.20
Channel									
Frequency (MHz)				3698.68	361666	645832	Tune-up limit (dBm)	MPR	Ch Delta +0.5
40	QPSK	1	1	15.98	16.08	15.88	17.5	0.0	0.20
Channel									
Frequency (MHz)				3590.01	3624.99	3660	Tune-up limit (dBm)	MPR	Ch Delta +0.5
40	QPSK	1	1	16.03	16.04	15.87	17.5	0.0	0.18
Channel									
Frequency (MHz)				3638.33	3624.99	3669.99	Tune-up limit (dBm)	MPR	Ch Delta +0.5
60	QPSK	1	1	16.05	16.01	15.86	17.5	0.0	0.20
Channel									
Frequency (MHz)				3638.33	361666	645832	Tune-up limit (dBm)	MPR	Ch Delta +0.5
40	QPSK	1	1	15.98	16.08	15.88	17.5	0.0	0.20
Channel									
Frequency (MHz)				3638.33	3624.99	3669.99	Tune-up limit (dBm)	MPR	Ch Delta +0.5
40	QPSK	1	1	15.98	16.06	15.88	17.5	0.0	0.18
Channel									
Frequency (MHz)				3638.00	361666	645832	Tune-up limit (dBm)	MPR	Ch Delta +0.5
40	QPSK	1	1	15.98	16.01	15.87	17.5	0.0	0.20
Channel									
Frequency (MHz)				3637.68	361666	645808	Tune-up limit (dBm)	MPR	Ch Delta +0.5
40	QPSK	1	1	15.98	16.06	15.88	17.5	0.0	0.18
Channel									
Frequency (MHz)				3656.02	3624.99	3684.99	Tune-up limit (dBm)	MPR	Ch Delta +0.5
30	QPSK	1	1	15.98	15.96	15.90	17.5	0.0	0.08
Channel									
Frequency (MHz)				3673.00	361666	645832	Tune-up limit (dBm)	MPR	Ch Delta +0.5
25	QPSK	1	1	15.95	16.06	15.82	17.5	0.0	0.24
Channel									
Frequency (MHz)				3673.34	361666	646600	Tune-up limit (dBm)	MPR	Ch Delta +0.5
20	QPSK	1	1	16.04	16.07	16.01	17.5	0.0	0.13
Channel									
Frequency (MHz)				3717.61	361666	643136	Tune-up limit (dBm)	MPR	Ch Delta +0.5
15	QPSK	1	1	16.05	16.08	15.92	17.5	0.0	0.18
Channel									
Frequency (MHz)				3673.00	361666	646632	Tune-up limit (dBm)	MPR	Ch Delta +0.5
10	QPSK	1	1	15.99	16.07	15.88	17.5	0.0	0.19

n2_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				376000	376000	376000	MPR (dB)
Frequency (MHz)				1870	1880	1890	
40	PI2 BPSK	1	1	19.48	19.72	19.42	
40	PI2 BPSK	1	108	19.49	19.66	19.48	21.0
40	PI2 BPSK	1	214	19.54	19.75	19.40	0.0
40	PI2 BPSK	108	0	19.58	19.64	19.38	21.0
40	PI2 BPSK	108	54	19.57	19.71	19.49	0.0
40	PI2 BPSK	108	108	19.59	19.66	19.46	21.0
40	PI2 BPSK	216	0	19.59	19.75	19.42	0.0
40	QPSK	1	1	19.51	19.79	19.35	
40	QPSK	1	108	19.47	19.70	19.39	21.0
40	QPSK	1	214	19.58	19.76	19.40	
40	QPSK	108	0	19.37	19.60	19.36	21.0
40	QPSK	108	54	19.51	19.70	19.51	0.0
40	QPSK	108	108	19.42	19.58	19.40	21.0
40	QPSK	216	0	19.48	19.64	19.36	0.0
40	16QAM	1	1	19.41	19.59	19.43	21.0
40	16QAM	1	1	19.40	19.67	19.44	21.0
40	256QAM	1	1	19.02	19.95	18.74	20.5
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	MPR (dB)
30	QPSK	1	1	19.36	19.62	19.36	21.0
Channel				372500	373000	373500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	MPR (dB)
25	QPSK	1	1	19.40	19.67	19.39	21.0
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	MPR (dB)
20	QPSK	1	1	19.39	19.55	19.36	21.0
Channel				371500	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	MPR (dB)
15	QPSK	1	1	19.42	19.61	19.40	21.0
Channel				371000	373000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	MPR (dB)
10	QPSK	1	1	19.37	19.64	19.40	21.0
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	MPR (dB)
5	QPSK	1	1	19.45	19.61	19.43	21.0

Receiver off Power							
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				166800	167000	167200	MPR (dB)
Frequency (MHz)				834	836.5	838	
20	PI2 BPSK	1	1	22.31	22.43	22.18	
20	PI2 BPSK	1	53	22.28	22.38	22.12	23.5
20	PI2 BPSK	1	104	22.33	22.41	22.16	23.5
20	PI2 BPSK	50	0	22.21	22.31	22.19	23.5
20	PI2 BPSK	50	28	22.34	22.41	22.14	23.5
20	PI2 BPSK	50	56	22.32	22.44	22.16	23.5
20	PI2 BPSK	100	0	22.21	22.34	22.16	23.5
20	QPSK	1	1	22.28	22.48	22.22	
20	QPSK	1	53	22.42	22.51	22.31	23.5
20	QPSK	1	104	22.33	22.45	22.26	
20	QPSK	50	0	22.34	22.38	22.17	23.5
20	QPSK	50	28	22.36	22.48	22.20	23.5
20	QPSK	50	56	22.21	22.43	22.14	23.5
20	QPSK	100	0	22.33	22.36	22.15	23.5
20	16QAM	1	1	22.24	22.39	22.12	23.5
20	64QAM	1	1	21.52	21.56	21.52	22.5
20	256QAM	1	1	19.48	19.58	19.46	20.5
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	MPR (dB)
15	QPSK	1	1	22.31	22.40	22.09	23.5
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	MPR (dB)
10	QPSK	1	1	22.22	22.39	22.05	23.5
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	MPR (dB)
5	QPSK	1	1	22.21	22.32	22.18	23.5

n30_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				460000	460000	460000	MPR (dB)
Frequency (MHz)					2310		
10	PI2 BPSK	1	1		21.28		
10	PI2 BPSK	1	26		21.27		22.5
10	PI2 BPSK	1	50		21.25		0.0
10	PI2 BPSK	25	0		21.34		22.5
10	PI2 BPSK	25	14		21.30		0.0
10	PI2 BPSK	25	27		21.34		22.5
10	PI2 BPSK	50	0		21.33		0.0
10	QPSK	1	1		21.45		
10	QPSK	1	26		21.38		22.5
10	QPSK	1	50		21.30		0.0
10	QPSK	25	0		21.34		22.5
10	QPSK	25	14		21.38		0.0
10	QPSK	25	27		21.27		22.5
10	QPSK	50	0		21.36		0.0
10	16QAM	1	1		21.30		22.5
10	64QAM	1	1		20.76		22.0
10	256QAM	1	1		18.69		20.0
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	MPR (dB)
5	QPSK	1	1	21.35	21.28	21.30	22.5

n66_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				345000	349000	353000	20.0	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI2 BPSK	1	1	18.70	18.89	18.70	20.0	0.0	
40	PI2 BPSK	1	108	18.64	18.95	18.72			
40	PI2 BPSK	1	214	18.75	18.95	18.65			
40	PI2 BPSK	108	0	18.76	18.88	18.72			
40	PI2 BPSK	108	54	18.67	18.92	18.67	20.0	0.0	
40	PI2 BPSK	108	108	18.68	18.88	18.71	20.0	0.0	
40	PI2 BPSK	216	0	18.65	18.83	18.68			
40	QPSK	1	1	18.77	18.98	18.75	20.0	0.0	
40	QPSK	1	108	18.74	18.91	18.74			
40	QPSK	1	214	18.65	18.82	18.66			
40	QPSK	108	0	18.58	18.72	18.68		0.0	
40	QPSK	108	54	18.70	18.97	18.77	20.0	0.0	
40	QPSK	108	108	18.66	18.75	18.71	20.0	0.0	
40	QPSK	216	0	18.65	18.77	18.65			
40	16QAM	1	1	18.65	18.74	18.62	20.0	0.0	
40	16QAM	1	1	18.69	18.83	18.64	20.0	0.0	
40	16QAM	1	1	18.59	18.72	18.67	20.0	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	18.65	18.83	18.67	20.0	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	18.65	18.72	18.68	20.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722	1745	1770			
20	QPSK	1	1	18.62	18.82	18.67	20.0	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	18.60	18.85	18.67	20.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	18.64	18.72	18.68	20.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	18.68	18.82	18.65	20.0	0.0	

Part27Q_n77_Ant 1_PC2									
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)				3499.95	3499.95	3499.95			
100	PI2 BPSK	1	1	18.59					
100	PI2 BPSK	1	137	18.59			20.0		0.0
100	PI2 BPSK	1	271	18.47					
100	PI2 BPSK	135	0	18.58			20.0		0.0
100	PI2 BPSK	135	69	18.45			20.0		0.0
100	PI2 BPSK	135	138	18.46			20.0		0.0
100	PI2 BPSK	270	0	18.49					
100	QPSK	1	1	18.60					
100	QPSK	1	137	18.55			20.0		0.0
100	QPSK	1	271	18.45					
100	QPSK	135	0	18.34			20.0		0.0
100	QPSK	135	69	18.47			20.0		0.0
100	QPSK	135	138	18.41			20.0		0.0
100	QPSK	270	0	18.34			20.0		0.0
100	16QAM	1	1	18.39			20.0		0.0
100	64QAM	1	1	18.36			20.0		0.0
100	256QAM	1	1	18.35			20.0		0.0
Channel									
Frequency (MHz)				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	18.44	18.40	18.34	20.0		0.0
Channel									
Frequency (MHz)				632096	633332	634000	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	18.34	18.30	18.30	20.0		0.0
Channel									
Frequency (MHz)				632096	633332	634666	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	18.30	18.26	18.26	20.0		0.0
Channel									
Frequency (MHz)				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	18.34	18.38	18.26	20.0		0.0
Channel									
Frequency (MHz)				631734	633332	635332	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	18.34	18.30	18.23	20.0		0.0
Channel									
Frequency (MHz)				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	18.34	18.31	18.22	20.0		0.0
Channel									
Frequency (MHz)				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	18.34	18.29	18.19	20.0		0.0
Channel									
Frequency (MHz)				630698	633332	636000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	18.36	18.35	18.30	20.0		0.0
Channel									
Frequency (MHz)				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	18.39	18.34	18.28	20.0		0.0
Channel									
Frequency (MHz)				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	18.34	18.25	18.26	20.0		0.0

Part27O_n77_Ant 1_PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch./ Freq. 650000	Power Ch./ Freq. 650000	Power High Ch./ Freq. 662000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3760	3840	3930			
100	PI2 BPSK	1	1	18.75	18.77	18.65			
100	PI2 BPSK	1	137	18.81	18.77	18.63	20.0		0.0
100	PI2 BPSK	1	271	18.87	18.84	18.65			
100	PI2 BPSK	135	0	18.83	18.75	18.53	20.0		0.0
100	PI2 BPSK	135	69	18.77	18.87	18.59	20.0		0.0
100	PI2 BPSK	135	138	18.83	18.76	18.52	20.0		0.0
100	PI2 BPSK	270	0	18.76	18.88	18.56			
100	QPSK	1	1	18.86	18.89	18.67			
100	QPSK	1	137	18.81	18.76	18.52	20.0		0.0
100	QPSK	1	271	18.83	18.85	18.66			
100	QPSK	135	0	18.73	18.83	18.55	20.0		0.0
100	QPSK	135	69	18.76	18.86	18.65	20.0		0.0
100	QPSK	135	138	18.70	18.85	18.65	20.0		0.0
100	QPSK	270	0	18.65	18.82	18.61			
100	16QAM	1	1	18.67	18.76	18.57	20.0		0.0
100	64QAM	1	1	18.64	18.86	18.63	20.0		0.0
100	256QAM	1	1	18.65	18.87	18.63	20.0		0.0
Channel									
Frequency (MHz)				648668	650000	652332	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	18.63	18.78	18.55	20.0		0.0
Channel									
Frequency (MHz)				648334	650000	652596	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	18.71	18.82	18.53	20.0		0.0
Channel									
Frequency (MHz)				648668	650000	653332	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	18.68	18.82	18.60	20.0		0.0
Channel									
Frequency (MHz)				648334	650000	653666	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	18.66	18.84	18.65	20.0		0.0
Channel									
Frequency (MHz)				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	18.63	18.76	18.64	20.0		0.0
Channel									
Frequency (MHz)				647668	650000	654332	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	18.63	18.77	18.56	20.0		0.0
Channel									
Frequency (MHz)				647500	650000	654500	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	18.65	18.81	18.63	20.0		0.0
Channel									
Frequency (MHz)				647334	650000	654666	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	18.64	18.87	18.56	20.0		0.0
Channel									
Frequency (MHz)				647168	650000	654832	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	18.64	18.81	18.56	20.0		0.0
Channel									
Frequency (MHz)				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	18.64	18.82	18.52	20.0		0.0

Part96_n77_Ant 1_PC2									
BW [MHz]	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)				3600	3624.99	3649.98			
100	PI2 BPSK	1	1	15.99	16.02	15.88			
100	PI2 BPSK	1	137	15.91	16.02	15.90	17.5		0.0
100	PI2 BPSK	1	271	15.95	16.01	15.92			
100	PI2 BPSK	135	0	15.93	16.06	15.78	17.5		0.0
100	PI2 BPSK	135	69	15.97	15.96	15.78	17.5		0.0
100	PI2 BPSK	135	138	16.04	16.05	15.88	17.5		0.0
100	PI2 BPSK	270	0	15.96	16.02	15.96			
100	QPSK	1	1	16.11	16.23	16.15			
100	QPSK	1	137	16.07	16.13	15.93	17.5		0.0
100	QPSK	1	271	16.05	16.06	15.90			
100	QPSK	135	0	16.01	15.98	15.84	17.5		0.0
100	QPSK	135	69	16.06	16.10	15.86	17.5		0.0
100	QPSK	135	138	15.99	16.00	15.86	17.5		0.0
100	QPSK	270	0	15.98	15.99	15.81			
100	16QAM	1	1	15.95	15.99	15.81	17.5		0.0
100	64QAM	1	1	16.00	16.02	15.88	17.5		0.0
100	256QAM	1	1	16.05	16.06	15.97	17.5		0.0
Channel									
Frequency (MHz)				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	15.98	16.08	15.88	17.5		0.0
Channel									
Frequency (MHz)				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	16.03	15.96	15.87	17.5		0.0
Channel									
Frequency (MHz)				638998	641666	644666	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	16.05	16.01	15.85	17.5		0.0
Channel									
Frequency (MHz)				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	15.98	16.08	15.88	17.5		0.0
Channel									
Frequency (MHz)				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	15.92	16.03	15.98	17.5		0.0
Channel									
Frequency (MHz)				636602	641666	646666	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	15.98	15.96	15.90	17.5		0.0
Channel									
Frequency (MHz)				635736	641666	647332	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	15.95	16.06	15.82	17.5		0.0
Channel									
Frequency (MHz)				633734	641666	648000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	16.04	15.97	15.91	17.5		0.0
Channel									
Frequency (MHz)				631768	641666	648666	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	16.05	16.08	15.90	17.5		0.0
Channel									
Frequency (MHz)				630700	641666	649332	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	15.99	16.07	15.88	17.5		0.0

n2_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				376000	376000	376000	MPR (dB)
Frequency (MHz)				1870	1880	1880	
40	PI2 BPSK	1	1	23.64	23.68	23.54	25.0
40	PI2 BPSK	1	108	23.63	23.75	23.80	
40	PI2 BPSK	1	214	23.58	23.64	23.48	
40	PI2 BPSK	108	0	23.11	23.25	23.08	24.5
40	PI2 BPSK	108	54	23.66	23.75	23.58	25.0
40	PI2 BPSK	108	108	23.22	23.27	23.09	24.5
40	PI2 BPSK	216	0	23.17	23.31	23.14	
40	QPSK	1	1	23.71	23.82	23.53	
40	QPSK	1	108	23.80	23.77	23.55	25.0
40	QPSK	1	214	23.82	23.74	23.53	24.0
40	QPSK	108	0	22.85	22.76	22.55	
40	QPSK	108	54	23.68	23.77	23.58	
40	QPSK	108	108	22.71	22.74	22.52	24.0
40	QPSK	216	0	22.74	22.78	22.80	
40	16QAM	1	1	22.71	22.76	22.57	24.0
40	16QAM	1	1	21.06	21.08	20.95	22.5
40	256QAM	1	1	19.02	18.95	18.74	20.5
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1885	MPR (dB)
30	QPSK	1	1	23.63	23.68	23.38	25.0
Channel				372500	373000	373500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1887.5	MPR (dB)
25	QPSK	1	1	23.62	23.62	23.51	25.0
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	MPR (dB)
20	QPSK	1	1	23.59	23.70	23.45	25.0
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	MPR (dB)
15	QPSK	1	1	23.55	23.62	23.40	25.0
Channel				371000	373000	375000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	MPR (dB)
10	QPSK	1	1	23.58	23.73	23.47	25.0
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	MPR (dB)
5	QPSK	1	1	23.55	23.58	23.40	25.0

Receiver on Power for ENDC							
n2_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)
Channel				374000	376000	378000	MPR (dB)
Frequency (MHz)				1870	1880	1890	
40	PI2 BPSK	1	1	23.17	23.28	23.28	25.0
40	PI2 BPSK	1	108	23.31	23.42	23.33	
40	PI2 BPSK	1	214	23.37	23.48	23.42	
40	PI2 BPSK	108	0	22.68	22.83	22.72	24.5
40	PI2 BPSK	108	54	23.33	23.47	23.40	25.0
40	PI2 BPSK	108	108	22.87	22.92	22.83	24.5
40	PI2 BPSK	216	0	22.81	22.89	22.81	
40	QPSK	1	1	23.41	23.51	23.45	
40	QPSK	1	108	23.38	23.47	23.42	25.0
40	QPSK	1	214	23.40	23.47	23.45	24.0
40	QPSK	108	0	22.31	22.34	22.41	
40	QPSK	108	54	23.41	23.48	23.45	
40	QPSK	108	108	22.41	22.42	22.42	24.0
40	QPSK	216	0	22.31	22.46	22.43	
40	16QAM	1	1	22.36	22.43	22.42	24.0
40	16QAM	1	1	20.57	20.64	20.61	22.5
40	256QAM	1	1	18.59	18.65	18.63	20.5
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	MPR (dB)
30	QPSK	1	1	23.29	23.31	23.31	25.0
Channel				372500	373000	373500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1887.5	MPR (dB)
25	QPSK	1	1	23.28	23.28	23.38	25.0
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	MPR (dB)
20	QPSK	1	1	23.23	23.31	23.26	25.0
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	MPR (dB)
15	QPSK	1	1	23.28	23.28	23.38	25.0
Channel				371000	373000	375000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	MPR (dB)
10	QPSK	1	1	23.20	23.26	23.29	25.0
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	MPR (dB)
5	QPSK	1	1	23.24	23.28	23.35	25.0

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				166900	167000	167000	MPR (dB)
Frequency (MHz)				834	836.5	839	
20	PI2 BPSK	1	1	23.11	23.46	23.66	25.0
20	PI2 BPSK	1	53	23.81	23.82	23.76	
20	PI2 BPSK	1	104	23.31	23.38	23.27	
20	PI2 BPSK	50	0	23.41	23.65	23.57	24.5
20	PI2 BPSK	50	26	23.76	23.89	23.72	25.0
20	PI2 BPSK	50	56	23.49	23.58	23.31	24.5
20	PI2 BPSK	100	0	23.57	23.61	23.66	
20	QPSK	1	1	23.25	23.52	23.97	
20	QPSK	1	53	23.84	24.05	23.82	25.0
20	QPSK	1	104	23.36	23.38	23.24	24.0
20	QPSK	50	0	23.21	23.29	23.25	
20	QPSK	50	28	23.61	23.64	23.76	
20	QPSK	50	56	23.15	23.27	23.11	24.0
20	QPSK	100	0	23.17	23.21	23.14	
20	16QAM	1	1	23.12	23.37	23.37	24.0
20	16QAM	1	1	21.52	21.56	21.52	22.5
20	256QAM	1	1	19.48	19.58	19.46	20.5
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	MPR (dB)
15	QPSK	1	1	23.80	23.88	23.74	25.0
Channel				165500	167000	168500	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	MPR (dB)
10	QPSK	1	1	23.69	23.83	23.71	25.0
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	848.5	MPR (dB)
5	QPSK	1	1	23.86	23.89	23.70	25.0

n66_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				345000	349000	353000			
Frequency (MHz)				1730	1745	1760			
40	Pi/2 BPSK	1	1	23.71	23.76	23.72			
40	Pi/2 BPSK	1	108	23.86	23.94	23.82	25.0	0.0	
40	Pi/2 BPSK	1	214	23.86	23.91	23.76			
40	Pi/2 BPSK	108	0	23.32	23.42	23.33	24.5	0.5	
40	Pi/2 BPSK	108	54	23.76	23.91	23.84	25.0	0.0	
40	Pi/2 BPSK	108	108	23.35	23.41	23.31			
40	Pi/2 BPSK	216	0	23.33	23.46	23.37	24.5	0.5	
40	QPSK	1	1	23.81	23.85	23.80			
40	QPSK	1	108	23.71	23.81	23.76	25.0	0.0	
40	QPSK	1	214	23.84	23.86	23.82			
40	QPSK	108	0	22.76	22.86	22.81	24.0	1.0	
40	QPSK	108	54	23.81	23.94	23.85	25.0	0.0	
40	QPSK	108	108	22.84	22.89	22.82	24.0	1.0	
40	QPSK	216	0	22.91	23.05	22.89			
40	16QAM	1	1	22.86	22.89	22.78	24.0	1.0	
40	64QAM	1	1	21.15	21.18	21.06	22.5	2.5	
40	256QAM	1	1	19.19	19.23	19.17	20.5	4.5	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	23.72	23.83	23.79	25.0	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	23.81	23.80	23.75	25.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dB)	MPR	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.71	23.81	23.78	25.0	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	23.70	23.81	23.74	25.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.69	23.89	23.81	25.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	23.62	23.83	23.69	25.0	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	349000	353000			
Frequency (MHz)				1730	1745	1760			
40	Pi/2 BPSK	1	1	23.26	23.35	23.24			
40	Pi/2 BPSK	1	108	23.32	23.47	23.36	25.0	0.0	
40	Pi/2 BPSK	1	214	23.30	23.45	23.38			
40	Pi/2 BPSK	108	0	22.99	23.09	22.97	24.5	0.5	
40	Pi/2 BPSK	108	54	23.36	23.43	23.32	25.0	0.0	
40	Pi/2 BPSK	108	108	22.90	23.05	22.91			
40	Pi/2 BPSK	216	0	22.94	23.05	22.94	24.5	0.5	
40	QPSK	1	1	23.85	23.86	23.81			
40	QPSK	1	108	23.40	23.41	23.36	25.0	0.0	
40	QPSK	1	214	23.41	23.46	23.32			
40	QPSK	108	0	22.48	22.57	22.46	24.0	1.0	
40	QPSK	108	54	23.46	23.54	23.40	25.0	0.0	
40	QPSK	108	108	22.51	22.57	22.42	24.0	1.0	
40	QPSK	216	0	22.46	22.53	22.51			
40	16QAM	1	1	22.46	22.51	22.35	24.0	1.0	
40	64QAM	1	1	20.72	20.82	20.75	22.5	2.5	
40	256QAM	1	1	18.83	18.88	18.74	20.5	4.5	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	23.27	23.46	23.39	25.0	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	23.33	23.37	23.37	25.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.29	23.40	23.33	25.0	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	23.37	23.36	23.29	25.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.34	23.47	23.33	25.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	23.34	23.38	23.27	25.0	0.0	

Part27Q_n77_Ant 1_PC2									
BW (MHz)	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	P22 BPSK	1	1	16.83					
100	P22 BPSK	1	137	16.94			18.5	0.0	
100	P22 BPSK	1	271	16.89					
100	P22 BPSK	135	0	16.84			18.5	0.0	
100	P22 BPSK	135	69	16.80			18.5	0.0	
100	P22 BPSK	135	138	16.80			18.5	0.0	
100	P22 BPSK	270	0	16.91					
100	QPSK	1	1	16.96					
100	QPSK	1	137	16.88			18.5	0.0	
100	QPSK	1	271	16.85					
100	QPSK	135	0	16.88			18.5	0.0	
100	QPSK	135	69	16.95			18.5	0.0	
100	QPSK	135	138	16.83			18.5	0.0	
100	QPSK	270	0	16.88					
100	16QAM	1	1	16.90			18.5	0.0	
100	16QAM	1	1	16.91			18.5	0.0	
100	256QAM	1	1	16.94			18.5	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	16.89	16.88	16.90	18.5	0.0	
Channel				635000	635332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	16.83	16.95	16.90	18.5	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3489	3499.98	3519.99			
80	QPSK	1	1	16.95	16.89	16.96	18.5	0.0	
Channel				631868	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3479.02	3499.98	3505			
50	QPSK	1	1	16.95	16.85	16.97	18.5	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	16.90	16.82	16.87	18.5	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	16.84	16.92	16.94	18.5	0.0	
Channel				3462.51	3499.98	3537.48			
Frequency (MHz)				3462.51	3499.98	3537.48			
25	QPSK	1	1	16.81	16.89	16.90	18.5	0.0	
Channel				630968	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	16.92	16.93	16.85	18.5	0.0	
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3499.98	3542.49			
15	QPSK	1	1	16.80	16.81	16.82	18.5	0.0	
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3499.98	3544.98			
10	QPSK	1	1	16.94	16.83	16.89	18.5	0.0	

Part27O_n77_Ant 1_PC2									
BW (MHz)	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)				3750	3840	3930			
100	P22 BPSK	1	1	17.04	17.16	17.09			
100	P22 BPSK	1	137	17.03	17.19	17.10	18.5	0.0	
100	P22 BPSK	1	271	17.10	17.19	17.18			
100	P22 BPSK	135	0	17.13	17.17	17.12	18.5	0.0	
100	P22 BPSK	135	69	17.02	17.16	17.08	18.5	0.0	
100	P22 BPSK	135	138	17.12	17.10	17.15	18.5	0.0	
100	P22 BPSK	270	0	17.01	17.13	17.12			
100	QPSK	1	1	17.20	17.29	17.22			
100	QPSK	1	137	17.17	17.23	17.12	18.5	0.0	
100	QPSK	1	271	17.22	17.21	17.19			
100	QPSK	135	0	17.01	17.18	17.05	18.5	0.0	
100	QPSK	135	69	17.10	17.22	17.10	18.5	0.0	
100	QPSK	135	138	17.07	17.12	17.12	18.5	0.0	
100	QPSK	270	0	17.12	17.15	17.11			
100	16QAM	1	1	17.08	17.08	17.09	18.5	0.0	
100	16QAM	1	1	17.13	17.20	17.10	18.5	0.0	
100	256QAM	1	1	17.02	17.17	17.16	18.5	0.0	
Channel				648968	650000	652032	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1	17.05	17.17	17.09	18.5	0.0	
Channel				649234	650000	650966	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1	17.10	17.16	17.17	18.5	0.0	
Channel				648968	650000	653332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1	17.14	17.18	17.10	18.5	0.0	
Channel				648334	650000	653666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1	17.08	17.16	17.05	18.5	0.0	
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	17.07	17.15	17.13	18.5	0.0	
Channel				647668	650000	654332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.98			
30	QPSK	1	1	17.08	17.21	17.05	18.5	0.0	
Channel				3712.51	3840	3967.5			
Frequency (MHz)				3712.51	3840	3967.5			
25	QPSK	1	1	17.01	17.16	17.11	18.5	0.0	
Channel				647334	650000	654666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1	17.05	17.10	17.16	18.5	0.0	
Channel				647168	650000	654832	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.48			
15	QPSK	1	1	17.14	17.15	17.17	18.5	0.0	
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	17.05	17.18	17.17	18.5	0.0	

Part96_n77_Ant 1_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Channel									
Frequency (MHz)				640000	641666	643332			
100	P22 BPSK	1	1	15.99	16.02	15.98			
100	P22 BPSK	1	137	15.91	16.02	15.90	17.5	0.0	0.14
100	P22 BPSK	1	271	15.95	16.01	15.92			
100	P22 BPSK	135	0	15.93	16.06	15.78	17.5	0.0	0.28
100	P22 BPSK	135	69	15.97	15.96	15.78	17.5	0.0	0.19
100	P22 BPSK	135	138	15.94	16.05	15.88	17.5	0.0	0.19
100	P22 BPSK	270	0	15.95	16.02	15.86			
100	QPSK	1	1	16.11	16.23	16.10			
100	QPSK	1	137	16.07	16.13	15.93	17.5	0.0	0.33
100	QPSK	1	271	16.05	16.06	15.90			
100	QPSK	135	0	16.01	15.98	15.84	17.5	0.0	0.17
100	QPSK	135	69	16.06	16.10	15.93	17.5	0.0	0.17
100	QPSK	135	138	15.98	16.00	15.96	17.5	0.0	0.19
100	QPSK	270	0	15.95	15.99	15.87			
100	16QAM	1	1	15.95	15.99	15.91	17.5	0.0	0.18
100	16QAM	1	1	16.00	16.02	15.88	17.5	0.0	0.14
100	256QAM	1	1	16.06	16.06	15.97	17.5	0.0	0.18
Channel				639666	641666	643666	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3605.02	3624.99	3654.98			
90	QPSK	1	1	15.98	16.08	15.88	17.5	0.0	0.20
Channel				639334	641666	644200	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3595.01	3624.99	3660			
80	QPSK	1	1	16.03	15.96	15.87	17.5	0.0	0.16
Channel				646968	641666	644966	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3600.02	3624.99	3669.99			
60	QPSK	1	1	16.05	16.01	15.85	17.5	0.0	0.20
Channel				646334	641666	645000	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3595.01	3624.99	3674			
50	QPSK	1	1	15.98	16.05	15.85	17.5	0.0	0.18
Channel				646000	641666		Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3600.01	3624.99	3699.99			
40	QPSK	1	1	15.92	16.08	15.86	17.5	0.0	0.22
Channel				637668	641666	645966	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3576.02	3624.99	3674.99			
30	QPSK	1	1	15.98	15.99	15.90	17.5	0.0	0.20
Channel				637300	641666	645632	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3562.5	3624.99	3687.48			
25	QPSK	1	1	15.95	16.06	15.82	17.5	0.0	0.24
Channel				637124	641666	645200	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3550.01	3624.99	3690			
20	QPSK	1	1	16.04	15.97	15.91	17.5	0.0	0.13
Channel				637368	641666	646166	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3600.02	3624.99	3692.48			
15	QPSK	1	1	16.05	16.08	15.90	17.5	0.0	0.18
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3572.5	15.98	16.07	17.5	0.0	0.13

n2_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				374000	376000	378000	MPR (dB)
Frequency (MHz)				1870	1880	1890	
40	PI2 BPSK	1	1	18.54	18.66	18.39	
40	PI2 BPSK	1	108	18.52	18.63	18.40	20.0
40	PI2 BPSK	1	214	18.46	18.57	18.41	20.0
40	PI2 BPSK	108	0	18.45	18.55	18.36	20.0
40	PI2 BPSK	108	54	18.47	18.55	18.37	20.0
40	PI2 BPSK	108	108	18.46	18.69	18.34	20.0
40	PI2 BPSK	216	0	18.45	18.56	18.39	20.0
40	QPSK	1	1	18.55	18.52	18.53	20.0
40	QPSK	1	108	18.50	18.73	18.38	20.0
40	QPSK	1	214	18.49	18.66	18.44	20.0
40	QPSK	108	0	18.53	18.55	18.36	20.0
40	QPSK	108	54	18.53	18.70	18.42	20.0
40	QPSK	108	108	18.50	18.69	18.32	20.0
40	QPSK	216	0	18.45	18.67	18.41	20.0
40	16QAM	1	1	18.43	18.63	18.33	20.0
40	16QAM	1	1	18.54	18.61	18.26	20.0
40	256QAM	1	1	18.44	18.60	18.33	20.0
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	MPR (dB)
30	QPSK	1	1	18.43	18.65	18.36	20.0
Channel				372500	375000	377500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	MPR (dB)
25	QPSK	1	1	18.46	18.67	18.40	20.0
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1859	1880	1900	MPR (dB)
20	QPSK	1	1	18.49	18.57	18.40	20.0
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	MPR (dB)
15	QPSK	1	1	18.56	18.59	18.34	20.0
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	MPR (dB)
10	QPSK	1	1	18.55	18.56	18.36	20.0
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	MPR (dB)
5	QPSK	1	1	18.50	18.56	18.27	20.0

Receiver off Power for END C							
n2_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)
Channel				374000	376000	378000	MPR (dB)
Frequency (MHz)				1870	1880	1890	
40	PI2 BPSK	1	1	19.24	19.36	19.30	
40	PI2 BPSK	1	108	19.37	19.26	19.23	21.0
40	PI2 BPSK	1	214	19.36	19.29	19.26	21.0
40	PI2 BPSK	108	0	19.34	19.25	19.20	21.0
40	PI2 BPSK	108	54	19.38	19.35	19.26	21.0
40	PI2 BPSK	108	108	19.30	19.38	19.33	21.0
40	PI2 BPSK	216	0	19.26	19.28	19.20	21.0
40	QPSK	1	1	19.43	19.62	19.51	21.0
40	QPSK	1	108	19.26	19.38	19.38	21.0
40	QPSK	1	214	19.26	19.39	19.46	21.0
40	QPSK	108	0	19.30	19.35	19.25	21.0
40	QPSK	108	54	19.36	19.40	19.35	21.0
40	QPSK	108	108	19.32	19.25	19.32	21.0
40	QPSK	216	0	19.29	19.35	19.34	21.0
40	16QAM	1	1	19.27	19.36	19.25	21.0
40	16QAM	1	1	19.33	19.31	19.26	21.0
40	256QAM	1	1	18.59	18.65	18.63	20.5
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	MPR (dB)
30	QPSK	1	1	19.24	19.25	19.27	21.0
Channel				372500	375000	377500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	MPR (dB)
25	QPSK	1	1	19.30	19.38	19.20	21.0
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	MPR (dB)
20	QPSK	1	1	19.28	19.27	19.23	21.0
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	MPR (dB)
15	QPSK	1	1	19.26	19.39	19.23	21.0
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	MPR (dB)
10	QPSK	1	1	19.26	19.35	19.33	21.0
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	MPR (dB)
5	QPSK	1	1	19.28	19.35	19.23	21.0

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				166900	167200	167500	MPR (dB)
Frequency (MHz)				834	836.5	839	
20	PI2 BPSK	1	1	18.80	18.90	18.67	
20	PI2 BPSK	1	53	18.77	18.89	18.70	20.5
20	PI2 BPSK	1	104	18.87	18.86	18.61	20.5
20	PI2 BPSK	50	0	18.76	18.88	18.66	20.5
20	PI2 BPSK	50	26	18.87	18.84	18.65	20.5
20	PI2 BPSK	50	56	18.83	18.92	18.67	20.5
20	PI2 BPSK	100	0	18.97	18.94	18.76	20.5
20	QPSK	1	1	18.85	18.91	18.89	20.5
20	QPSK	1	53	18.85	19.05	18.88	20.5
20	QPSK	1	104	18.81	18.95	18.73	20.5
20	QPSK	50	0	18.80	18.82	18.66	20.5
20	QPSK	50	26	18.86	18.89	18.71	20.5
20	QPSK	50	56	18.86	18.86	18.62	20.5
20	QPSK	100	0	18.85	18.98	18.56	20.5
20	16QAM	1	1	18.82	18.98	18.62	20.5
20	16QAM	1	1	18.91	18.91	18.56	20.5
20	256QAM	1	1	18.82	18.95	18.61	20.5
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	MPR (dB)
15	QPSK	1	1	18.84	18.87	18.56	20.5
Channel				165500	167400	168500	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	MPR (dB)
10	QPSK	1	1	18.78	18.88	18.62	20.5
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	848.5	MPR (dB)
5	QPSK	1	1	18.88	18.88	18.59	20.5

n66_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				345000	349000	353000			
Frequency (MHz)				1730	1745	1760			
40	Pi/2 BPSK	1	1	16.59	16.80	16.65			
40	Pi/2 BPSK	1	108	16.47	16.62	16.58	18.0	0.0	
40	Pi/2 BPSK	1	214	16.61	16.82	16.59			
40	Pi/2 BPSK	108	0	16.54	16.90	16.70	18.0	0.0	
40	Pi/2 BPSK	108	54	16.53	16.91	16.64	18.0	0.0	
40	Pi/2 BPSK	108	108	16.57	16.81	16.59			
40	Pi/2 BPSK	216	0	16.58	16.83	16.69	18.0	0.0	
40	QPSK	1	1	16.76	16.86	16.63			
40	QPSK	1	108	16.69	16.84	16.77	18.0	0.0	
40	QPSK	1	214	16.74	16.81	16.65			
40	QPSK	108	0	16.51	16.83	16.67	18.0	0.0	
40	QPSK	108	54	16.62	16.84	16.71	18.0	0.0	
40	QPSK	108	108	16.58	16.80	16.65	18.0	0.0	
40	QPSK	216	0	16.58	16.84	16.58			
40	16QAM	1	1	16.55	16.83	16.69	18.0	0.0	
40	64QAM	1	1	16.61	16.67	16.67	18.0	0.0	
40	256QAM	1	1	16.55	16.91	16.87	18.0	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	16.47	16.65	16.66	18.0	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	16.61	16.88	16.67	18.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dB)	MPR	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	16.57	16.79	16.70	18.0	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	16.54	16.63	16.65	18.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	16.52	16.84	16.58	18.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	16.55	16.75	16.63	18.0	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	349000	353000			
Frequency (MHz)				1730	1745	1760			
40	Pi/2 BPSK	1	1	20.35	20.34	20.36			
40	Pi/2 BPSK	1	108	20.38	20.40	20.28	22.0	0.0	
40	Pi/2 BPSK	1	214	20.32	20.42	20.31			
40	Pi/2 BPSK	108	0	20.43	20.30	20.26	21.5	0.5	
40	Pi/2 BPSK	108	54	20.30	20.30	20.33	22.0	0.0	
40	Pi/2 BPSK	108	108	20.42	20.32	20.27			
40	Pi/2 BPSK	216	0	20.38	20.37	20.32	21.5	0.5	
40	QPSK	1	1	20.51	20.58	20.45			
40	QPSK	1	108	20.41	20.45	20.38	21.5	0.5	
40	QPSK	1	214	20.37	20.45	20.27			
40	QPSK	108	0	20.35	20.41	20.33	21.5	0.5	
40	QPSK	108	54	20.44	20.45	20.31	21.5	0.5	
40	QPSK	108	108	20.35	20.35	20.29	21.5	0.5	
40	QPSK	216	0	20.35	20.37	20.30			
40	16QAM	1	1	20.38	20.39	20.28	21.5	0.5	
40	64QAM	1	1	20.38	20.43	20.26	21.5	0.5	
40	256QAM	1	1	20.39	20.38	20.33	20.5	1.5	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	20.39	20.40	20.34	22.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	20.34	20.38	20.29	22.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	20.39	20.33	20.23	22.0	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	20.43	20.31	20.26	22.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	20.32	20.43	20.23	22.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	20.31	20.38	20.23	22.0	0.0	

<WLAN 2.4GHz>										
2.4GHz WLAN					Ant 4		Ant 4		Ant 4	
Mode	Channel	Frequency (MHz)	RU Config		Receiver onFull	Hotspot	Extremity/Body worn	Duty Cycle %		
					Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit		
2.4GHz WLAN	802.11b 1Mbps	1	2412	Full	16.60	18.00	16.60	18.00	100.00	
		6	2437	Full	18.00	19.50	18.00	19.50		
		11	2462	Full	15.50	17.00	15.50	17.00		
	802.11g 6Mbps	1	2412	Full	15.10	16.50	15.10	16.50	97.46	
		6	2437	Full	17.00	18.50	17.00	18.50		
		11	2462	Full	15.60	17.00	15.60	17.00		
	802.11n-HT20 MCS0	1	2412	Full	14.50	16.00	14.50	16.00	97.28	
		6	2437	Full	16.50	18.00	16.50	18.00		
		11	2462	Full	14.50	16.50	14.50	16.50		
	802.11n-HT40 MCS0	1	2412	Full	11.50	13.00	11.50	13.00	94.49	
		6	2437	Full	14.60	16.00	14.60	16.00		
		9	2452	Full	12.70	14.00	12.70	14.00		
	802.11ac-VHT20 MCS0	1	2412	Full	14.40	16.00	14.40	16.00	97.31	
		6	2437	Full	16.80	18.50	16.80	18.50		
		11	2462	Full	14.80	16.50	14.80	16.50		
	802.11ac-VHT40 MCS0	3	2452	Full	11.80	13.50	11.80	13.50	94.94	
		6	2437	Full	14.50	16.00	14.50	16.00		
		9	2452	Full	12.60	14.00	12.60	14.00		

<WLAN 5GHz>										
5.2GHz WLAN					Ant 4		Ant 4		Ant 4	
Mode	Channel	Frequency (MHz)	RU Config		Receiver onFull	Hotspot	Extremity/Body worn	Duty Cycle %		
					Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit		
5.2GHz WLAN	802.11a 6Mbps	36	5180	Full	17.40	18.50	13.94	15.00	97.48	
		44	5220	Full	17.19	18.50	13.78	15.00		
		48	5240	Full	17.58	18.50	14.03	15.00		
	802.11n-HT20 MCS0	36	5180	Full	17.02	18.50	13.69	15.00	97.30	
		44	5220	Full	17.01	18.50	13.46	15.00		
		48	5220	Full	17.08	18.50	13.67	15.00		
	802.11n-HT40 MCS0	36	5180	Full	17.07	18.50	13.50	15.00	94.92	
		44	5220	Full	16.97	17.00	13.95	15.00		
		46	5230	Full	16.09	17.50	13.55	15.00		
	802.11ac-VHT20 MCS0	46	5230	Full	16.03	17.50	13.48	15.00	97.33	
		48	5250	Full	16.03	17.50	13.53	15.00		
		44	5220	Full	16.03	17.50	13.43	15.00		
	802.11ac-VHT40 MCS0	48	5240	Full	16.06	17.50	13.64	15.00	94.94	
		38	5180	Full	15.03	16.50	13.56	15.00		
		46	5230	Full	15.08	16.50	13.55	15.00		
	802.11ac-VHT80 MCS0	42	5210	Full	14.00	15.50	13.61	15.00	90.32	

<WLAN 5GHz>										
5.3GHz WLAN					Ant 4		Ant 4		Ant 4	
Mode	Channel	Frequency (MHz)	RU Config		Receiver onFull	Hotspot	Extremity/Body worn	Duty Cycle %		
					Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit		
5.3GHz WLAN	802.11a 6Mbps	52	5260	Full	17.33	18.50	14.05	15.00	97.48	
		56	5280	Full	17.28	18.50	13.73	15.00		
		60	5300	Full	17.50	18.50	13.97	15.00		
	802.11n-HT20 MCS0	52	5260	Full	17.43	18.50	13.99	15.00	97.30	
		64	5320	Full	17.17	18.50	13.60	15.00		
		56	5280	Full	17.02	18.50	13.43	15.00		
	802.11n-HT40 MCS0	52	5260	Full	17.11	18.50	13.65	15.00	94.92	
		64	5320	Full	17.02	18.50	13.59	15.00		
		54	5270	Full	16.11	17.50	13.57	15.00		
	802.11ac-VHT20 MCS0	52	5260	Full	16.06	17.50	13.50	15.00	97.33	
		56	5280	Full	16.08	17.50	13.58	15.00		
		64	5320	Full	16.02	17.50	13.53	15.00		
	802.11ac-VHT40 MCS0	56	5280	Full	16.01	17.50	13.48	15.00	94.94	
		64	5320	Full	15.88	17.50	13.40	15.00		
		54	5270	Full	15.10	16.50	13.54	15.00		
	802.11ac-VHT80 MCS0	58	5290	Full	13.02	15.00	13.02	15.00	90.32	

<WLAN 5GHz>										
5.5GHz WLAN					Ant 4		Ant 4		Ant 4	
Mode	Channel	Frequency (MHz)	RU Config		Receiver onFull	Hotspot	Extremity/Body worn	Duty Cycle %		
					Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit		
5.5GHz WLAN	802.11a 6Mbps	100	5500	Full	15.08	16.00	15.08	16.00	97.48	
		116	5580	Full	15.00	16.00	15.00	16.00		
		132	5660	Full	14.53	16.00	14.53	16.00		
	802.11n-HT20 MCS0	100	5500	Full	14.49	16.00	14.49	16.00	97.30	
		116	5580	Full	14.58	16.00	14.58	16.00		
		132	5660	Full	14.33	16.00	14.33	16.00		
	802.11n-HT40 MCS0	100	5500	Full	13.14	14.50	13.14	14.50	94.92	
		102	5510	Full	14.19	15.50	14.19	15.50		
		110	5550	Full	14.58	16.00	14.58	16.00		
	802.11ac-VHT20 MCS0	100	5500	Full	14.35	16.00	14.35	16.00	97.33	
		116	5580	Full	14.50	16.00	14.50	16.00		
		132	5660	Full	14.26	16.00	14.26	16.00		
	802.11ac-VHT40 MCS0	100	5500	Full	13.11	14.50	13.11	14.50	94.94	
		102	5510	Full	14.08	15.50	14.08	15.50		
		110	5550	Full	14.50	16.00	14.50	16.00		
	802.11ac-VHT80 MCS0	134	5670	Full	14.33	16.00	14.33	16.00	90.32	

<WLAN 5GHz>										
5.8GHz WLAN					Ant 4		Ant 4		Ant 4	
Mode	Channel	Frequency (MHz)	RU Config		Receiver onFull	Hotspot	Extremity/Body worn	Duty Cycle %		
					Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit		
5.8GHz WLAN	802.11a 6Mbps	149	5745	Full	14.78	16.00	14.78	16.00	97.48	
		157	5785	Full	14.84	16.00	14.84	16.00		
		165	5825	Full	14.91	16.00	14.91	16.00		
	802.11n-HT20 MCS0	149	5745	Full	14.69	16.00	14.60	16.00	97.30	
		157	5785	Full	14.63	16.00	14.63	16.00		
		165	5825	Full	14.69	16.00	14.69	16.00		
	802.11n-HT40 MCS0	151	5795	Full	14.74	16.00	14.74	16.00	94.92	
		159	5795	Full	14.71	16.00	14.71	16.00		
		167	5785	Full	14.60	16.00	14.60	16.00		
	802.11ac-VHT20 MCS0	149	5745	Full	14.58	16.00	14.58	16.00	97.33	
		157	5785	Full	14.60	16.00	14.60	16.00		
		165	5825	Full	14.64	16.00	14.64	16.00		
	802.11ac-VHT40 MCS0	151	5795	Full	14.70	16.00	14.70	16.00	94.94	
		159	5795	Full	14.67	16.00	14.67	16.00		
		165	5775	Full	14.60	16.00	14.60	16.00		
	802.11ac-VHT80 MCS0	155	5775	Full	14.60	16.00	14.60	16.00	90.32	

<Bluetooth>

	Mode	Channel	Frequency (MHz)	DefaultFull		Duty Cycle %
				Ant 4		
				Average power (dBm)	Tune-Up Limit	
Bluetooth	BR / EDR 1Mbps	0	2402	9.60	11.00	64.76%
		39	2441	9.60	11.00	
		78	2480	9.30	11.00	
	BR / EDR 2Mbps	0	2402	6.50	8.00	76.74%
		39	2441	6.70	8.00	
		78	2480	6.50	8.00	
	BR / EDR 3Mbps	0	2402	6.50	8.00	77.20%
		39	2441	6.70	8.00	
		78	2480	6.50	8.00	
	LE 1Mbps	0	2402	-3.80	-2.00	61.20%
		19	2440	-2.80	-2.00	
		39	2480	-3.60	-2.00	
	LE 2Mbps	0	2402	-3.70	-2.00	31.48%
		19	2440	-2.70	-2.00	
		39	2480	-3.50	-2.00	