

Full & Default Power Mode

GSM850_Ant 0		Burst Average Power (dBm)			Tuneup Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.35	32.41	32.49	33.50	23.35	23.41	23.49	24.50
GPRS 1 Tx slot		32.31	32.38	32.46	33.50	23.31	23.38	23.46	24.50
GPRS 2 Tx slots		30.42	30.43	30.58	31.50	24.42	24.43	24.58	25.50
GPRS 3 Tx slots		28.21	28.27	28.36	29.50	23.95	24.01	24.10	24.50
GPRS 4 Tx slots		27.12	27.23	27.21	28.50	24.12	24.23	24.21	25.50
EDGE 1 Tx slot		26.98	26.98	27.05	28.00	17.98	17.98	18.05	19.00
EDGE 2 Tx slots		25.82	25.86	25.86	27.00	19.82	19.86	19.86	19.50
EDGE 3 Tx slots		23.62	23.52	23.64	24.50	19.36	19.26	19.38	20.24
EDGE 4 Tx slots		22.31	22.46	22.57	23.50	19.31	19.46	19.57	20.50

GSM1900_Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810	Limit (dBm)	512	661	810	Limit (dBm)
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		29.26	29.58	29.51	30.50	20.26	20.58	20.51	21.50
GPRS 1 Tx slot		29.24	29.53	29.47	30.50	20.24	20.53	20.47	21.50
GPRS 2 Tx slots		27.42	27.72	27.77	28.50	21.42	21.72	21.77	22.50
GPRS 3 Tx slots		26.21	26.47	26.53	27.50	21.95	22.21	22.27	22.50
GPRS 4 Tx slots		24.98	25.14	25.32	26.50	21.98	22.14	22.32	23.50
EDGE 1 Tx slot		25.82	25.82	25.81	27.00	16.82	16.82	16.81	18.00
EDGE 2 Tx slots		24.49	24.71	24.65	26.00	18.49	18.71	18.65	19.00
EDGE 3 Tx slots		22.15	22.23	22.28	23.50	17.89	17.97	18.02	19.24
EDGE 4 Tx slots		20.87	20.82	21.05	22.00	17.87	17.82	18.05	19.00

GSM1900_Ant 4	Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)				Tune-up Limit (dBm)
	TX Channel	512	661	810		512	661	810		
Frequency (MHz)		1850.2	1860	1869.8		1850.2	1860	1869.8		
GSM 1 Tx slot		29.43	29.69	29.82	30.50	20.43	20.69	20.82	21.50	
GPRS 1 Tx slot		29.40	29.67	29.74	30.50	20.40	20.67	20.74	21.50	
GPRS 2 Tx slots		27.49	27.87	27.93	28.50	21.49	21.87	21.93	22.50	
GPRS 3 Tx slots		26.26	26.57	26.72	27.50	22.00	22.31	22.46	23.24	
GPRS 4 Tx slots		24.94	25.06	25.37	26.50	21.94	22.06	22.37	23.50	
EDGE 1 Tx slot		25.88	25.84	25.88	27.00	16.88	16.84	16.88	18.00	
EDGE 2 Tx slots		24.58	24.52	24.66	26.00	18.58	18.52	18.66	20.00	
EDGE 3 Tx slots		22.35	22.78	22.28	23.50	18.09	18.52	18.02	19.00	
EDGE 4 Tx slots		20.72	20.71	20.89	22.00	17.72	17.71	17.89	20.00	

Band		WCDMA II_Ant-1			Tune-up Limit (dBm)	WCDMA IV_Ant-1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.96	24.03	24.00	25.00	23.82	23.85	23.79	25.00
3GPP Rel 99	RMC 12.2Kbps	24.02	24.08	24.05	25.00	23.87	23.93	23.84	25.00
3GPP Rel 6	HSDPA Subtest-1	23.18	23.25	23.22	24.00	23.08	23.18	23.15	24.00
3GPP Rel 6	HSDPA Subtest-2	23.21	23.23	23.20	24.00	23.01	23.13	23.11	24.00
3GPP Rel 6	HSDPA Subtest-3	22.75	22.72	22.70	23.50	22.60	22.69	22.64	23.50
3GPP Rel 6	HSDPA Subtest-4	22.69	22.73	22.68	23.50	22.53	22.62	22.57	23.50
3GPP Rel 6	DC-HSDPA Subtest-1	23.09	23.19	23.15	24.00	22.96	23.07	23.01	24.00
3GPP Rel 6	DC-HSDPA Subtest-2	23.12	23.08	23.10	24.00	22.87	23.04	23.06	24.00
3GPP Rel 6	DC-HSDPA Subtest-3	22.66	22.57	22.65	23.50	22.55	22.55	22.62	23.50
3GPP Rel 6	DC-HSDPA Subtest-4	22.54	22.54	22.66	23.50	22.51	22.46	22.48	23.50
3GPP Rel 6	HSUPA Subtest-1	21.17	21.23	21.20	22.00	21.07	21.15	21.10	22.00
3GPP Rel 6	HSUPA Subtest-2	21.20	21.25	21.21	22.00	21.11	21.21	21.20	22.00
3GPP Rel 6	HSUPA Subtest-3	22.23	22.26	22.22	23.00	22.09	22.20	22.20	23.00
3GPP Rel 6	HSUPA Subtest-4	20.80	20.77	20.71	22.00	20.57	20.69	20.68	22.00
3GPP Rel 6	HSUPA Subtest-5	22.20	22.28	22.20	24.00	22.10	22.20	22.20	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.09	21.15	21.22	22.50	21.19	21.26	21.23	22.50

Band		WCDMA II_Ant-4			Tune-up Limit (dBm)	WCDMA IV_Ant-4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.80	24.00	23.94	25.00	23.78	23.81	23.74	25.00
3GPP Rel 99	RMC 12.2Kbps	24.00	24.05	24.02	25.00	23.83	23.85	23.78	25.00
3GPP Rel 6	HSDPA Subtest-1	23.22	23.26	23.26	24.00	22.96	23.07	23.09	24.00
3GPP Rel 6	HSDPA Subtest-2	23.21	23.27	23.25	24.00	22.93	23.05	23.10	24.00
3GPP Rel 6	HSDPA Subtest-3	22.78	22.78	22.79	23.50	22.44	22.59	22.60	23.50
3GPP Rel 6	HSDPA Subtest-4	22.73	22.74	22.71	23.50	22.45	22.55	22.53	23.50
3GPP Rel 6	DC-HSDPA Subtest-1	23.16	23.17	23.23	24.00	22.89	22.93	23.02	24.00
3GPP Rel 6	DC-HSDPA Subtest-2	23.17	23.22	23.20	24.00	22.89	23.02	22.96	24.00
3GPP Rel 6	DC-HSDPA Subtest-3	22.76	22.74	22.77	23.50	22.36	22.51	22.58	23.50
3GPP Rel 6	DC-HSDPA Subtest-4	22.58	22.73	22.58	23.50	22.30	22.46	22.49	23.50
3GPP Rel 6	HSUPA Subtest-1	21.25	21.30	21.26	22.00	20.93	21.04	21.06	22.00
3GPP Rel 6	HSUPA Subtest-2	21.29	21.34	21.29	22.00	20.98	21.09	21.04	22.00
3GPP Rel 6	HSUPA Subtest-3	22.26	22.31	22.33	23.00	22.00	22.09	22.12	23.00
3GPP Rel 6	HSUPA Subtest-4	20.82	20.78	20.75	22.00	20.49	20.62	20.65	22.00
3GPP Rel 6	HSUPA Subtest-5	22.30	22.32	22.30	24.00	22.00	22.10	22.10	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.21	21.25	21.23	22.50	21.11	21.19	21.08	22.50

Band		WCDMA V_Ant-0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.80	23.87	23.83	25.00
3GPP Rel 99	RMC 12.2Kbps	23.84	23.95	23.91	25.00
3GPP Rel 6	HSDPA Subtest-1	22.96	22.94	22.92	24.00
3GPP Rel 6	HSDPA Subtest-2	22.89	23.06	22.96	24.00
3GPP Rel 6	HSDPA Subtest-3	22.53	22.61	22.55	23.50
3GPP Rel 6	HSDPA Subtest-4	22.38	22.56	22.51	23.50
3GPP Rel 6	DC-HSDPA Subtest-1	22.84	22.90	22.91	24.00
3GPP Rel 6	DC-HSDPA Subtest-2	22.83	22.99	22.89	24.00
3GPP Rel 6	DC-HSDPA Subtest-3	22.47	22.51	22.41	23.50
3GPP Rel 6	DC-HSDPA Subtest-4	22.31	22.46	22.41	23.50
3GPP Rel 6	HSUPA Subtest-1	20.90	20.94	20.97	22.00
3GPP Rel 6	HSUPA Subtest-2	20.95	20.98	20.98	22.00
3GPP Rel 6	HSUPA Subtest-3	21.94	21.97	21.98	23.00
3GPP Rel 6	HSUPA Subtest-4	20.45	20.43	20.56	22.00
3GPP Rel 6	HSUPA Subtest-5	22.30	22.10	22.00	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.82	20.89	20.88	22.50

GSM850_Ant 4	Burst Average Power (dbm)				Tune-up Limit	Frame-Average Power (dbm)				Tuneup Limit (dbm)
	TX Channel	128	189	251		128	189	251		
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8		
GSM 1 Tx slot		32.05	32.26	32.11	33.00	33.05	33.26	33.11	24.00	
GPRS 1 Tx slot		32.01	32.21	32.05	33.00	33.01	33.21	33.05	23.00	
GPRS 2 Tx slots		30.12	30.26	30.13	31.00	24.12	24.26	24.13	25.00	
GPRS 3 Tx slots		27.86	28.04	27.92	29.00	23.60	23.78	23.66	24.74	
GPRS 4 Tx slots		26.72	26.87	26.77	28.00	23.72	23.87	23.77	25.00	
EDGE 1 Tx slot		26.82	26.77	26.77	27.50	17.82	17.77	17.77	18.50	
EDGE 2 Tx slots		25.70	25.68	25.65	26.50	19.70	19.68	19.65	20.25	
EDGE 3 Tx slots		23.43	23.48	23.32	24.50	19.17	19.22	19.06	20.24	
EDGE 4 Tx slots		22.27	22.27	22.24	23.50	19.27	19.27	19.24	20.50	

GSM1900_Ant 2		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame-Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1869.8		1850.2	1860	1869.8	
GSM 1 Tx slot		29.66	29.79	29.74	30.50	20.66	20.79	20.74	21.50
GPRS 1 Tx slot		29.66	29.77	29.73	30.50	20.66	20.77	20.73	21.50
GPRS 2 Tx slots		27.78	27.86	27.90	28.50	21.78	21.86	21.90	22.50
GPRS 3 Tx slots		26.58	26.68	26.65	27.50	22.32	22.42	22.39	23.24
GPRS 4 Tx slots		25.27	25.35	25.38	26.50	22.27	22.35	22.38	23.50
EDGE 1 Tx slot		25.99	26.14	26.06	27.00	16.99	17.14	17.06	18.00
EDGE 2 Tx slots		24.78	24.88	24.84	26.00	18.78	18.88	18.84	19.24
EDGE 3 Tx slots		22.54	22.60	22.58	23.50	18.28	18.34	18.32	19.24
EDGE 4 Tx slots		21.26	21.31	21.29	22.00	18.26	18.31	18.29	19.00

Band		WCDMA II_Ant-2			Tune-up Limit (dBm)	WCDMA IV_Ant-2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.96	24.07	23.92	25.00	23.77	23.83	23.80	25.00
3GPP Rel 99	RMC 12.2Kbps	24.05	24.10	24.03	25.00	23.82	23.90	23.88	25.00
3GPP Rel 6	HSDPA Subtest-1	23.20	23.32	23.26	24.00	23.18	23.16	23.08	24.00
3GPP Rel 6	HSDPA Subtest-2	23.23	23.30	23.25	24.00	23.15	23.14	23.11	24.00
3GPP Rel 6	HSDPA Subtest-3	22.78	22.78	22.80	23.50	22.71	22.67	22.66	23.50
3GPP Rel 6	HSDPA Subtest-4	22.74	22.79	22.77	23.50	22.70	22.62	22.65	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.11	23.24	23.25	24.00	23.07	23.13	23.00	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.17	23.15	23.13	24.00	23.14	23.12	23.06	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.74	22.76	22.66	23.50	22.66	22.65	22.61	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.62	22.68	22.70	23.50	22.63	22.55	22.50	23.50
3GPP Rel 6	HSUPA Subtest-1	21.25	21.32	21.28	22.00	21.02	20.87	20.83	22.00
3GPP Rel 6	HSUPA Subtest-2	21.19	21.35	21.31	22.00	21.03	20.94	20.80	22.00
3GPP Rel 6	HSUPA Subtest-3	22.29	22.20	22.24	23.00	21.84	21.88	21.81	23.00
3GPP Rel 6	HSUPA Subtest-4	20.78	20.75	20.80	22.00	20.37	20.44	20.33	22.00
3GPP Rel 6	HSUPA Subtest-5	22.20	22.40	22.30	24.00	22.02	22.11	22.08	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.11	21.25	21.16	22.00	20.98	21.01	20.86	22.50

Band 2_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	23.41	23.43	23.38	24.5	0		
20	QPSK	1	49	23.38	23.40	23.37				
20	QPSK	1	99	23.29	23.32	23.31				
20	QPSK	50	0	22.37	22.40	22.36	23.5	1		
20	QPSK	50	24	22.32	22.35	22.34				
20	QPSK	50	50	22.34	22.37	22.34				
20	QPSK	100	0	22.35	22.37	22.35	23.5	1		
20	16QAM	1	0	22.71	22.57	22.63				
20	16QAM	1	49	22.70	22.57	22.64				
20	16QAM	1	99	22.59	22.52	22.51	23.5	1		
20	16QAM	50	0	21.39	21.35	21.37				
20	16QAM	50	24	21.36	21.39	21.33				
20	16QAM	50	50	21.33	21.36	21.32	22.5	2		
20	16QAM	100	0	21.34	21.35	21.33				
20	64QAM	1	0	21.64	21.49	21.52				
20	64QAM	1	49	21.60	21.59	21.51	22.5	2		
20	64QAM	1	99	21.44	21.48	21.49				
20	64QAM	50	0	20.40	20.37	20.40				
20	64QAM	50	24	20.39	20.41	20.36	21.5	3		
20	64QAM	50	50	20.35	20.37	20.33				
20	64QAM	100	0	20.37	20.36	20.34				
Channel				18675	18800	19125	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	18900	1902.5				
15	QPSK	1	0	23.28	23.26	23.23	24.5	0		
15	QPSK	1	37	23.41	23.33	23.25				
15	QPSK	1	74	23.22	23.17	23.17				
15	QPSK	36	0	22.33	22.29	22.35	23.5	1		
15	QPSK	36	20	22.24	22.19	22.22				
15	QPSK	36	39	22.30	22.24	22.23				
15	QPSK	75	0	22.34	22.32	22.23	23.5	1		
15	16QAM	1	0	22.42	22.58	22.50				
15	16QAM	1	37	22.52	22.62	22.56				
15	16QAM	1	74	22.49	22.58	22.39	23.5	1		
15	16QAM	36	0	21.29	21.27	21.29				
15	16QAM	36	20	21.33	21.23	21.23				
15	16QAM	36	39	21.24	21.29	21.21	22.5	2		
15	16QAM	75	0	21.29	21.22	21.21				
15	64QAM	1	0	21.45	21.53	21.41				
15	64QAM	1	37	21.49	21.59	21.38	22.5	2		
15	64QAM	1	74	21.33	21.37	21.39				
15	64QAM	36	0	20.35	20.30	20.26				
15	64QAM	36	20	20.28	20.32	20.21	21.5	3		
15	64QAM	36	39	20.31	20.22	20.24				
15	64QAM	75	0	20.27	20.31	20.24				
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	0	23.29	23.33	23.32	24.5	0		
10	QPSK	1	25	23.35	23.33	23.35				
10	QPSK	1	49	23.29	23.25	23.17				
10	QPSK	25	0	22.36	22.23	22.25	23.5	1		
10	QPSK	25	12	22.29	22.17	22.19				
10	QPSK	25	25	22.29	22.30	22.26				
10	QPSK	50	0	22.27	22.24	22.28	23.5	1		
10	16QAM	1	0	22.54	22.57	22.51				
10	16QAM	1	25	22.53	22.66	22.51				
10	16QAM	1	49	22.48	22.45	22.36	23.5	1		
10	16QAM	25	0	21.25	21.25	21.25				
10	16QAM	25	12	21.35	21.31	21.22				
10	16QAM	25	25	21.32	21.32	21.18	22.5	2		
10	16QAM	50	0	21.22	21.26	21.24				
10	64QAM	1	0	21.44	21.58	21.37				
10	64QAM	1	25	21.49	21.45	21.47	22.5	2		
10	64QAM	1	49	21.41	21.43	21.48				
10	64QAM	25	0	20.27	20.39	20.33				
10	64QAM	25	12	20.26	20.34	20.21	21.5	3		
10	64QAM	25	25	20.25	20.20	20.23				
10	64QAM	50	0	20.28	20.36	20.20				
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	0	23.23	23.33	23.27	24.5	0		
5	QPSK	1	12	23.42	23.39	23.22				
5	QPSK	1	24	23.28	23.21	23.30				
5	QPSK	12	0	22.39	22.25	22.21	23.5	1		
5	QPSK	12	7	22.25	22.19	22.25				
5	QPSK	12	13	22.26	22.22	22.23				
5	QPSK	25	0	22.30	22.33	22.33	23.5	1		
5	16QAM	1	0	22.47	22.62	22.61				
5	16QAM	1	12	22.44	22.56	22.50				
5	16QAM	1	24	22.47	22.53	22.47	23.5	1		
5	16QAM	12	0	21.34	21.31	21.30				
5	16QAM	12	7	21.33	21.34	21.19				
5	16QAM	12	13	21.26	21.19	21.19	22.5	2		
5	16QAM	25	0	21.28	21.32	21.22				
5	64QAM	1	0	21.44	21.50	21.39				
5	64QAM	1	12	21.54	21.47	21.44	22.5	2		
5	64QAM	1	24	21.35	21.34	21.42				
5	64QAM	12	0	20.33	20.37	20.25				
5	64QAM	12	7	20.40	20.29	20.23	21.5	3		
5	64QAM	12	13	20.30	20.29	20.30				
5	64QAM	25	0	20.32	20.27	20.21				
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1851.5	1880	1908.5				
3	QPSK	1	0	23.35	23.30	23.25	24.5	0		
3	QPSK	1	8	23.29	23.37	23.28				
3	QPSK	1	14	23.27	23.14	23.19				
3	QPSK	8	0	22.28	22.29	22.34	23.5	1		
3	QPSK	8	4	22.27	22.21	22.28				
3	QPSK	8	7	22.26	22.22	22.26				
3	QPSK	15	0	22.22	22.22	22.22	23.5	1		
3	16QAM	1	0	22.51	22.62	22.49				
3	16QAM	1	8	22.49	22.64	22.61				
3	16QAM	1	14	22.45	22.58	22.50	23.5	1		
3	16QAM	8	0	21.25	21.33	21.34				
3	16QAM	8	4	21.32	21.33	21.22				
3	16QAM	8	7	21.32	21.20	21.20	22.5	2		
3	16QAM	15	0	21.30	21.21	21.22				
3	64QAM	1	0	21.38	21.57	21.45				
3	64QAM	1	8	21.50	21.47	21.48	22.5	2		
3	64QAM	1	14	21.42	21.42	21.36				
3	64QAM	8	0	20.31	20.31	20.39				
3	64QAM	8	4	20.31	20.30	20.28	21.5	3		
3	64QAM	8	7	20.36	20.25	20.33				
3	64QAM	15	0	20.28	20.33	20.18				
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	1880	1909.3				
1.4	QPSK	1	0	23.36	23.32	23.28	24.5	0		
1.4	QPSK	1	3	23.29	23.36	23.26				
1.4	QPSK	1	3	23.19	23.18	23.18				
1.4	QPSK	3	0	23.26	23.39	23.26	24.5	0		
1.4	QPSK	3	1	23.40	23.26	23.22				
1.4	QPSK	3	3	23.18	23.20	23.20				
1.4	QPSK	6	0	22.22	22.26	22.25	23.5	1		
1.4	16QAM	1	0	22.46	22.70	22.54				
1.4	16QAM	1	3	22.43	22.65	22.59				
1.4	16QAM	1	5	22.39	22.48	22.38	23.5	1		
1.4	16QAM	3	0	22.52	22.62	22.52				
1.4	16QAM	3	1	22.51	22.68	22.52				
1.4	16QAM	3	3	22.47	22.58	22.48	22.5	2		
1.4	16QAM	6	0	21.23	21.30	21.19				
1.4	64QAM	1	0	21.39	21.59	21.38				
1.4	64QAM	1	3	21.55	21.53	21.44	22.5	2		
1.4	64QAM	1	5	21.47	21.32	21.44				
1.4	64QAM	3	0	21.47	21.59	21.37				
1.4	64QAM	3	1	21.56	21.48	21.45	21.5	3		
1.4	64QAM	3	3	21.46	21.32	21.39				
1.4	64QAM	6	0	20.35	20.31	20.30				

Band 4_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	23.25	23.30	23.27	24.5	0	
20	QPSK	1	49	23.22	23.26	23.20			
20	QPSK	1	99	23.11	23.15	23.22			
20	QPSK	50	0	22.29	22.31	22.27	23.5	1	
20	QPSK	50	24	22.27	22.22	22.25			
20	QPSK	50	50	22.21	22.16	22.26			
20	QPSK	100	0	22.24	22.23	22.26	23.5	1	
20	16QAM	1	0	22.52	22.53	22.49			
20	16QAM	1	49	22.53	22.51	22.48			
20	16QAM	1	99	22.44	22.36	22.50	22.5	2	
20	16QAM	50	0	21.23	21.20	21.21			
20	16QAM	50	24	21.26	21.19	21.26			
20	16QAM	50	50	21.22	21.20	21.26	22.5	2	
20	16QAM	100	0	21.22	21.21	21.24			
20	64QAM	1	0	21.34	21.45	21.41			
20	64QAM	1	49	21.42	21.43	21.46	22.5	2	
20	64QAM	1	99	21.27	21.25	21.42			
20	64QAM	50	0	20.24	20.22	20.21			
20	64QAM	50	24	20.27	20.21	20.27	21.5	3	
20	64QAM	50	50	20.21	20.19	20.27			
20	64QAM	100	0	20.23	20.19	20.25			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	23.15	23.16	23.22	24.5	0	
15	QPSK	1	37	23.09	23.16	23.13			
15	QPSK	1	74	23.10	23.03	23.12			
15	QPSK	36	0	22.22	22.17	22.17	23.5	1	
15	QPSK	36	20	22.12	22.19	22.24			
15	QPSK	36	39	22.11	22.06	22.15			
15	QPSK	75	0	22.09	22.21	22.25	23.5	1	
15	16QAM	1	0	22.49	22.41	22.34			
15	16QAM	1	37	22.39	22.49	22.40			
15	16QAM	1	74	22.40	22.30	22.42	22.5	2	
15	16QAM	36	0	21.22	21.05	21.15			
15	16QAM	36	20	21.16	21.05	21.19			
15	16QAM	36	39	21.09	21.13	21.13	22.5	2	
15	16QAM	75	0	21.13	21.10	21.20			
15	64QAM	1	0	21.27	21.39	21.28			
15	64QAM	1	37	21.30	21.38	21.37	22.5	2	
15	64QAM	1	74	21.13	21.21	21.33			
15	64QAM	36	0	20.17	20.18	20.07			
15	64QAM	36	20	20.26	20.20	20.26	21.5	3	
15	64QAM	36	39	20.11	20.05	20.21			
15	64QAM	75	0	20.20	20.08	20.20			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	23.14	23.18	23.18	24.5	0	
10	QPSK	1	25	23.07	23.12	23.19			
10	QPSK	1	49	23.06	23.07	23.19			
10	QPSK	25	0	22.16	22.21	22.21	23.5	1	
10	QPSK	25	12	22.14	22.11	22.18			
10	QPSK	25	25	22.14	22.14	22.14			
10	QPSK	50	0	22.18	22.14	22.14	23.5	1	
10	16QAM	1	0	22.39	22.43	22.38			
10	16QAM	1	25	22.51	22.47	22.42			
10	16QAM	1	49	22.37	22.34	22.47	22.5	2	
10	16QAM	25	0	21.18	21.19	21.07			
10	16QAM	25	12	21.15	21.09	21.17			
10	16QAM	25	25	21.07	21.13	21.25	22.5	2	
10	16QAM	50	0	21.17	21.14	21.20			
10	64QAM	1	0	21.25	21.33	21.30			
10	64QAM	1	25	21.38	21.36	21.40	22.5	2	
10	64QAM	1	49	21.17	21.13	21.29			
10	64QAM	25	0	20.13	20.08	20.06			
10	64QAM	25	12	20.23	20.07	20.25	21.5	3	
10	64QAM	25	25	20.12	20.07	20.21			
10	64QAM	50	0	20.15	20.05	20.20			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	23.16	23.18	23.24	24.5	0	
5	QPSK	1	12	23.09	23.18	23.24			
5	QPSK	1	24	23.06	23.00	23.10			
5	QPSK	12	0	22.14	22.24	22.16	23.5	1	
5	QPSK	12	7	22.20	22.16	22.14			
5	QPSK	12	13	22.18	22.15	22.21			
5	QPSK	25	0	22.23	22.28	22.14	23.5	1	
5	16QAM	1	0	22.40	22.41	22.35			
5	16QAM	1	12	22.50	22.37	22.34			
5	16QAM	1	24	22.33	22.35	22.45	22.5	2	
5	16QAM	12	0	21.17	21.06	21.16			
5	16QAM	12	7	21.17	21.07	21.21			
5	16QAM	12	13	21.16	21.07	21.25	22.5	2	
5	16QAM	25	0	21.13	21.05	21.09			
5	64QAM	1	0	21.20	21.39	21.40			
5	64QAM	1	12	21.31	21.36	21.45	22.5	2	
5	64QAM	1	24	21.25	21.11	21.33			
5	64QAM	12	0	20.14	20.20	20.14			
5	64QAM	12	7	20.16	20.11	20.14	21.5	3	
5	64QAM	12	13	20.13	20.16	20.25			
5	64QAM	25	0	20.11	20.11	20.23			
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	23.14	23.15	23.20	24.5	0	
3	QPSK	1	8	23.15	23.21	23.11			
3	QPSK	1	14	22.97	23.07	23.16			
3	QPSK	8	0	22.18	22.20	22.12	23.5	1	
3	QPSK	8	4	22.25	22.18	22.12			
3	QPSK	8	7	22.19	22.16	22.12			
3	QPSK	15	0	22.09	22.27	22.24	23.5	1	
3	16QAM	1	0	22.45	22.40	22.45			
3	16QAM	1	8	22.45	22.47	22.40			
3	16QAM	1	14	22.33	22.22	22.46	22.5	2	
3	16QAM	8	0	21.21	21.08	21.10			
3	16QAM	8	4	21.22	21.10	21.15			
3	16QAM	8	7	21.07	21.09	21.15	22.5	2	
3	16QAM	15	0	21.08	21.06	21.12			
3	64QAM	1	0	21.30	21.43	21.29			
3	64QAM	1	8	21.36	21.29	21.40	22.5	2	
3	64QAM	1	14	21.13	21.12	21.38			
3	64QAM	8	0	20.18	20.15	20.13			
3	64QAM	8	4	20.12	20.13	20.13	21.5	3	
3	64QAM	8	7	20.07	20.04	20.18			
3	64QAM	15	0	20.08	20.06	20.10			
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	23.15	23.22	23.17	24.5	0	
1.4	QPSK	1	3	23.20	23.23	23.23			
1.4	QPSK	1	5	22.98	23.12	23.18			
1.4	QPSK	3	0	23.14	23.25	23.25	23.5	1	
1.4	QPSK	3	1	23.07	23.24	23.19			
1.4	QPSK	3	3	23.01	23.08	23.21			
1.4	QPSK	6	0	22.12	22.26	22.12	23.5	1	
1.4	16QAM	1	0	22.40	22.38	22.36	23.5	1	
1.4	16QAM	1	3	22.48	22.39	22.38			
1.4	16QAM	1	5	22.40	22.35	22.45			
1.4	16QAM	3	0	22.38	22.38	22.38	22.5	2	
1.4	16QAM	3	1	22.51	22.40	22.47			
1.4	16QAM	3	3	22.43	22.30	22.46			
1.4	64QAM	1	0	21.33	21.38	21.36	22.5	2	
1.4	64QAM	1	3	21.29	21.37	21.41			
1.4	64QAM	1	5	21.21	21.13	21.36			
1.4	64QAM	3	0	21.22	21.43	21.26	21.5	3	
1.4	64QAM	3	1	21.26	21.38	21.30			
1.4	64QAM	3	3	21.21	21.17	21.35			
1.4	64QAM	6	0	20.16	20.11	20.22	21.5	3	

Band 5_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				20450	20525	20600					
Frequency (MHz)				829	836.5	844					
10	QPSK	1	0	23.78	23.87	23.86	25	0			
10	QPSK	1	25	23.66	23.74	23.53					
10	QPSK	1	49	23.70	23.82	23.74					
10	QPSK	25	0	22.64	22.77	22.74					
10	QPSK	25	12	22.63	22.67	22.72	24	1			
10	QPSK	25	25	22.63	22.69	22.70					
10	QPSK	50	0	22.67	22.75	22.73					
10	16QAM	1	0	22.74	22.93	22.97					
10	16QAM	1	25	22.74	22.74	23.02	24	1			
10	16QAM	1	49	22.71	23.00	22.97					
10	16QAM	25	0	21.66	21.63	21.74					
10	16QAM	25	12	21.60	21.71	21.69					
10	16QAM	25	25	21.60	21.78	21.71	23	2			
10	16QAM	50	0	21.62	21.73	21.71					
10	64QAM	1	0	21.93	22.06	21.96					
10	64QAM	1	25	21.85	21.77	21.95					
10	64QAM	1	49	21.84	21.98	21.81	22	3			
10	64QAM	25	0	20.60	20.73	20.66					
10	64QAM	25	12	20.52	20.62	20.69					
10	64QAM	25	25	20.66	20.68	20.81					
10	64QAM	50	0	20.63	20.68	20.74	Tune-up limit (dBm)		MPR (dB)		
Channel				20425	20525	20625					
Frequency (MHz)				826.5	836.5	846.5					
5	QPSK	1	0	23.75	23.85	23.83	25	0			
5	QPSK	1	12	23.54	23.73	23.39					
5	QPSK	1	24	23.65	23.77	23.62					
5	QPSK	12	0	22.60	22.72	22.61					
5	QPSK	12	7	22.51	22.56	22.71	24	1			
5	QPSK	12	13	22.55	22.62	22.62					
5	QPSK	25	0	22.56	22.62	22.66					
5	16QAM	1	0	22.67	22.80	22.91					
5	16QAM	1	12	22.61	22.62	22.93	24	1			
5	16QAM	1	24	22.67	22.90	22.86					
5	16QAM	12	0	21.65	21.54	21.72					
5	16QAM	12	7	21.56	21.64	21.65					
5	16QAM	12	13	21.57	21.73	21.70	23	2			
5	16QAM	25	0	21.61	21.66	21.58					
5	64QAM	1	0	21.89	22.01	21.87					
5	64QAM	1	12	21.75	21.69	21.94					
5	64QAM	1	24	21.72	21.93	21.76	22	3			
5	64QAM	12	0	20.49	20.67	20.60					
5	64QAM	12	7	20.46	20.50	20.58					
5	64QAM	12	13	20.57	20.55	20.72					
5	64QAM	25	0	20.68	20.62	20.74	Tune-up limit (dBm)		MPR (dB)		
Channel				20415	20525	20635					
Frequency (MHz)				825.5	836.5	847.5					
3	QPSK	1	0	23.74	23.81	23.76	25	0			
3	QPSK	1	8	23.52	23.66	23.39					
3	QPSK	1	14	23.61	23.69	23.70					
3	QPSK	8	0	22.57	22.76	22.71					
3	QPSK	8	4	22.62	22.59	22.69	24	1			
3	QPSK	8	7	22.60	22.61	22.69					
3	QPSK	15	0	22.59	22.73	22.64					
3	16QAM	1	0	22.62	22.89	22.88					
3	16QAM	1	8	22.72	22.68	22.97	24	1			
3	16QAM	1	14	22.68	22.88	22.91					
3	16QAM	8	0	21.65	21.57	21.63					
3	16QAM	8	4	21.48	21.63	21.63					
3	16QAM	8	7	21.59	21.64	21.64	23	2			
3	16QAM	15	0	21.53	21.61	21.56					
3	64QAM	1	0	21.80	21.95	21.95					
3	64QAM	1	8	21.78	21.69	21.88					
3	64QAM	1	14	21.70	21.85	21.70	23	2			
3	64QAM	8	0	20.49	20.66	20.51					
3	64QAM	8	4	20.42	20.48	20.57					
3	64QAM	8	7	20.63	20.65	20.73					
3	64QAM	15	0	20.68	20.59	20.65	Tune-up limit (dBm)		MPR (dB)		
Channel				20407	20525	20643					
Frequency (MHz)				824.7	836.5	848.3					
1.4	QPSK	1	0	23.69	23.72	23.84	25	0			
1.4	QPSK	1	3	23.51	23.71	23.45					
1.4	QPSK	1	5	23.57	23.77	23.65					
1.4	QPSK	3	0	23.71	23.80	23.85					
1.4	QPSK	3	1	23.63	23.68	23.45	24	1			
1.4	QPSK	3	3	23.69	23.70	23.73					
1.4	QPSK	6	0	22.58	22.61	22.65					
1.4	16QAM	1	0	22.73	22.91	22.88					
1.4	16QAM	1	3	22.64	22.59	23.00	24	1			
1.4	16QAM	1	5	22.66	22.86	22.84					
1.4	16QAM	3	0	22.73	22.86	22.87					
1.4	16QAM	3	1	22.64	22.71	23.01					
1.4	16QAM	3	3	22.59	22.88	22.86	23	2			
1.4	16QAM	6	0	21.57	21.64	21.67					
1.4	64QAM	1	0	21.92	21.93	21.87					
1.4	64QAM	1	3	21.82	21.73	21.92					
1.4	64QAM	1	5	21.80	21.92	21.80	23	2			
1.4	64QAM	3	0	21.49	21.75	21.69					
1.4	64QAM	3	1	21.53	21.69	21.70					
1.4	64QAM	3	3	21.98	21.99	21.97					
1.4	64QAM	6	0	20.60	20.59	20.77	22	3			

Band 5_Ant 4												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dbm)	MPR (dB)				
Channel				20450	20525	20600						
Frequency (MHz)				829	836.5	844						
10	QPSK	1	0	23.63	23.66	23.64	25	0				
10	QPSK	1	25	23.49	23.44	23.50						
10	QPSK	1	49	23.47	23.61	23.57						
10	QPSK	25	0	22.59	22.63	22.55						
10	QPSK	25	12	22.54	22.49	22.50	24	1				
10	QPSK	25	25	22.55	22.56	22.47						
10	QPSK	50	0	22.56	22.60	22.52						
10	16QAM	1	0	22.85	23.05	22.80						
10	16QAM	1	25	22.80	22.81	23.01	24	1				
10	16QAM	1	49	22.88	22.87	22.93						
10	16QAM	25	0	21.57	21.47	21.60						
10	16QAM	25	12	21.62	21.42	21.64						
10	16QAM	25	25	21.61	21.48	21.62	23	2				
10	16QAM	50	0	21.61	21.46	21.61						
10	64QAM	1	0	21.75	21.87	21.80						
10	64QAM	1	25	21.76	21.60	21.66						
10	64QAM	1	49	21.62	21.68	21.94	22	3				
10	64QAM	25	0	20.50	20.53	20.61						
10	64QAM	25	12	20.49	20.48	20.48						
10	64QAM	25	25	20.52	20.58	20.52						
10	64QAM	50	0	20.51	20.51	20.61						
Channel				20425	20525	20625	Tune-up limit (dbm)	MPR (dB)				
Frequency (MHz)				826.5	836.5	846.5						
5	QPSK	1	0	23.51	23.64	23.58	25	0				
5	QPSK	1	12	23.41	23.42	23.42						
5	QPSK	1	24	23.32	23.59	23.52						
5	QPSK	12	0	22.48	22.58	22.40						
5	QPSK	12	7	22.52	22.46	22.45	24	1				
5	QPSK	12	13	22.40	22.33	22.33						
5	QPSK	25	0	22.54	22.57	22.48						
5	16QAM	1	0	22.84	23.03	22.66						
5	16QAM	1	12	22.58	22.71	22.90	24	1				
5	16QAM	1	24	22.80	22.84	22.92						
5	16QAM	12	0	21.49	21.46	21.53						
5	16QAM	12	7	21.58	21.30	21.53						
5	16QAM	12	13	21.53	21.41	21.61	23	2				
5	16QAM	25	0	21.58	21.60	21.58						
5	64QAM	1	0	21.63	21.85	21.75						
5	64QAM	1	12	21.61	21.56	21.64						
5	64QAM	1	24	21.48	21.59	21.85	22	3				
5	64QAM	12	0	20.40	20.40	20.48						
5	64QAM	12	7	20.34	20.36	20.36						
5	64QAM	12	13	20.40	20.56	20.41						
5	64QAM	25	0	20.42	20.50	20.55						
Channel				20415	20525	20635	Tune-up limit (dbm)	MPR (dB)				
Frequency (MHz)				825.5	836.5	847.5						
3	QPSK	1	0	23.54	23.64	23.61	25	0				
3	QPSK	1	8	23.35	23.41	23.40						
3	QPSK	1	14	23.41	23.43	23.48						
3	QPSK	8	0	22.53	22.61	22.42						
3	QPSK	8	4	22.43	22.44	22.40	24	1				
3	QPSK	8	7	22.41	22.52	22.40						
3	QPSK	15	0	22.54	22.56	22.44						
3	16QAM	1	0	22.80	22.93	22.73						
3	16QAM	1	8	22.70	22.78	22.89	24	1				
3	16QAM	1	14	22.77	22.83	22.83						
3	16QAM	8	0	21.53	21.37	21.46						
3	16QAM	8	4	21.57	21.39	21.53						
3	16QAM	8	7	21.53	21.37	21.56	23	2				
3	16QAM	15	0	21.59	21.31	21.47						
3	64QAM	1	0	21.63	21.78	21.79						
3	64QAM	1	8	21.65	21.53	21.55						
3	64QAM	1	14	21.55	21.61	21.88	23	2				
3	64QAM	8	0	20.49	20.41	20.60						
3	64QAM	8	4	20.36	20.44	20.36						
3	64QAM	8	7	20.47	20.39	20.40						
3	64QAM	15	0	20.43	20.42	20.48	22	3				
Channel				20407	20525	20643			Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3						
1.4	QPSK	1	0	23.57	23.56	23.57			25	0		
1.4	QPSK	1	3	23.46	23.42	23.40						
1.4	QPSK	1	5	23.37	23.51	23.43						
1.4	QPSK	3	0	23.54	23.60	23.54						
1.4	QPSK	3	1	23.45	23.29	23.49	24	1				
1.4	QPSK	3	3	23.46	23.54	23.45						
1.4	QPSK	6	0	22.43	22.47	22.39						
1.4	16QAM	1	0	22.78	22.99	22.67						
1.4	16QAM	1	3	22.60	22.69	22.80	24	1				
1.4	16QAM	1	5	22.87	22.79	22.87						
1.4	16QAM	3	0	22.80	23.02	22.79						
1.4	16QAM	3	1	22.66	22.79	22.90						
1.4	16QAM	3	3	22.74	22.72	22.86	23	2				
1.4	16QAM	6	0	21.50	21.37	21.58						
1.4	64QAM	1	0	21.71	21.77	21.67						
1.4	64QAM	1	3	21.62	21.53	21.63						
1.4	64QAM	1	5	21.61	21.67	21.83	23	2				
1.4	64QAM	3	0	21.61	21.85	21.68						
1.4	64QAM	3	1	21.63	21.59	21.57						
1.4	64QAM	3	3	21.60	21.54	21.91						
1.4	64QAM	6	0	20.45	20.42	20.50	22	3				

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	24.5	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.75	23.86	23.77			
20	QPSK	1	49	23.69	23.77	23.70			
20	QPSK	1	99	23.72	23.85	23.71	23.5	1	
20	QPSK	50	0	22.73	22.79	22.76			
20	QPSK	50	24	22.66	22.74	22.73			
20	QPSK	50	50	22.69	22.77	22.71			
20	QPSK	100	0	22.67	22.78	22.69	23.5	1	
20	16QAM	1	0	22.82	22.90	22.85			
20	16QAM	1	49	22.88	22.91	22.85			
20	16QAM	1	99	22.79	23.10	23.13			
20	16QAM	50	0	21.59	21.79	21.72	22.5	2	
20	16QAM	50	24	21.66	21.75	21.69			
20	16QAM	50	50	21.74	21.75	21.71			
20	16QAM	100	0	21.66	21.73	21.71			
20	64QAM	1	0	21.80	22.06	22.05	22.5	2	
20	64QAM	1	49	21.77	21.91	21.85			
20	64QAM	1	99	21.80	21.93	22.13			
20	64QAM	50	0	20.61	20.76	20.76			
20	64QAM	50	24	20.68	20.82	20.71	21.5	3	
20	64QAM	50	50	20.71	20.80	20.70			
20	64QAM	100	0	20.65	20.78	20.72			
Channel				20825	21100	21315	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	24.5	0	
15	QPSK	1	0	23.67	23.79	23.76			
15	QPSK	1	37	23.59	23.65	23.69			
15	QPSK	1	74	23.64	23.70	23.67			
15	QPSK	36	0	22.67	22.70	22.67	23.5	1	
15	QPSK	36	20	22.65	22.66	22.71			
15	QPSK	36	39	22.66	22.69	22.70			
15	QPSK	75	0	22.58	22.75	22.60			
15	16QAM	1	0	22.67	22.86	22.88	23.5	1	
15	16QAM	1	37	22.83	22.80	22.76			
15	16QAM	1	74	22.70	23.03	23.11			
15	16QAM	36	0	21.50	21.71	21.64			
15	16QAM	36	20	21.61	21.63	21.60	22.5	2	
15	16QAM	36	39	21.62	21.68	21.58			
15	16QAM	75	0	21.60	21.71	21.59			
15	64QAM	1	0	21.69	22.05	22.01			
15	64QAM	1	37	21.73	21.89	21.73	22.5	2	
15	64QAM	1	74	21.67	21.78	22.06			
15	64QAM	36	0	20.57	20.69	20.62			
15	64QAM	36	20	20.58	20.81	20.56			
15	64QAM	36	39	20.56	20.77	20.69	21.5	3	
15	64QAM	75	0	20.51	20.74	20.62			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	24.5	0	
10	QPSK	1	0	23.65	23.79	23.72			
10	QPSK	1	25	23.64	23.69	23.63			
10	QPSK	1	49	23.64	23.70	23.70			
10	QPSK	25	0	22.62	22.66	22.70	23.5	1	
10	QPSK	25	12	22.57	22.67	22.64			
10	QPSK	25	25	22.64	22.63	22.69			
10	QPSK	50	0	22.54	22.73	22.64			
10	16QAM	1	0	22.75	22.80	22.88	23.5	1	
10	16QAM	1	25	22.80	22.88	22.77			
10	16QAM	1	49	22.75	23.08	23.05			
10	16QAM	25	0	21.52	21.73	21.65			
10	16QAM	25	12	21.56	21.64	21.57	22.5	2	
10	16QAM	25	25	21.62	21.67	21.68			
10	16QAM	50	0	21.51	21.67	21.70			
10	64QAM	1	0	21.72	21.98	21.90			
10	64QAM	1	25	21.67	21.81	21.84	22.5	2	
10	64QAM	1	49	21.67	21.81	22.04			
10	64QAM	25	0	20.48	20.74	20.74			
10	64QAM	25	12	20.65	20.73	20.69			
10	64QAM	25	25	20.60	20.72	20.62	21.5	3	
10	64QAM	50	0	20.62	20.72	20.65			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	24.5	0	
5	QPSK	1	0	23.60	23.85	23.65			
5	QPSK	1	12	23.57	23.74	23.62			
5	QPSK	1	24	23.66	23.84	23.68			
5	QPSK	12	0	22.62	22.68	22.67	23.5	1	
5	QPSK	12	7	22.62	22.59	22.72			
5	QPSK	12	13	22.63	22.66	22.59			
5	QPSK	25	0	22.56	22.65	22.65			
5	16QAM	1	0	22.73	22.81	22.89	23.5	1	
5	16QAM	1	12	22.75	22.84	22.72			
5	16QAM	1	24	22.74	22.99	22.99			
5	16QAM	12	0	21.55	21.65	21.67			
5	16QAM	12	7	21.57	21.64	21.58	22.5	2	
5	16QAM	12	13	21.61	21.67	21.65			
5	16QAM	25	0	21.52	21.62	21.60			
5	64QAM	1	0	21.70	22.04	21.98			
5	64QAM	1	12	21.64	21.82	21.77	22.5	2	
5	64QAM	1	24	21.70	21.88	22.01			
5	64QAM	12	0	20.59	20.64	20.62			
5	64QAM	12	7	20.57	20.68	20.67			
5	64QAM	12	13	20.62	20.75	20.57	21.5	3	
5	64QAM	25	0	20.62	20.73	20.68			

Band 7_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.53	23.67	23.55	24.5	0	
20	QPSK	1	49	23.49	23.65	23.50			
20	QPSK	1	99	23.41	23.53	23.51			
20	QPSK	50	0	22.52	22.60	22.51			
20	QPSK	50	24	22.49	22.58	22.39	23.5	1	
20	QPSK	50	50	22.51	22.52	22.47			
20	QPSK	100	0	22.48	22.52	22.43			
20	16QAM	1	0	22.65	22.90	22.70			
20	16QAM	1	49	22.69	22.66	22.70	23.5	1	
20	16QAM	1	99	22.76	22.69	22.80			
20	16QAM	50	0	21.51	21.47	21.46			
20	16QAM	50	24	21.50	21.51	21.42			
20	16QAM	50	50	21.50	21.44	21.46	22.5	2	
20	16QAM	100	0	21.51	21.47	21.44			
20	64QAM	1	0	21.75	21.76	21.68			
20	64QAM	1	49	21.79	21.61	21.71			
20	64QAM	1	99	21.70	21.52	21.65	22.5	2	
20	64QAM	50	0	20.53	20.51	20.43			
20	64QAM	50	24	20.48	20.51	20.45			
20	64QAM	50	50	20.58	20.51	20.41			
20	64QAM	100	0	20.54	20.51	20.41	21.5	3	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	23.51	23.66	23.43			
15	QPSK	1	37	23.37	23.63	23.45			
15	QPSK	1	74	23.33	23.44	23.49			
15	QPSK	36	0	22.50	22.46	22.50			
15	QPSK	36	20	22.43	22.48	22.32	23.5	1	
15	QPSK	36	39	22.44	22.42	22.36			
15	QPSK	75	0	22.39	22.44	22.36			
15	16QAM	1	0	22.62	22.78	22.66			
15	16QAM	1	37	22.63	22.52	22.59	23.5	1	
15	16QAM	1	74	22.65	22.64	22.65			
15	16QAM	36	0	21.36	21.40	21.38			
15	16QAM	36	20	21.44	21.50	21.33			
15	16QAM	36	39	21.46	21.41	21.32	22.5	2	
15	16QAM	75	0	21.46	21.33	21.35			
15	64QAM	1	0	21.69	21.67	21.64			
15	64QAM	1	37	21.68	21.47	21.64			
15	64QAM	1	74	21.61	21.42	21.50	22.5	2	
15	64QAM	36	0	20.48	20.48	20.41			
15	64QAM	36	20	20.36	20.46	20.42			
15	64QAM	36	39	20.51	20.36	20.39			
15	64QAM	75	0	20.47	20.50	20.34	21.5	3	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	23.58	23.55	23.48			
10	QPSK	1	25	23.43	23.59	23.50			
10	QPSK	1	49	23.34	23.56	23.38			
10	QPSK	25	0	22.46	22.58	22.48			
10	QPSK	25	12	22.41	22.43	22.31	23.5	1	
10	QPSK	25	25	22.42	22.42	22.36			
10	QPSK	50	0	22.36	22.50	22.41			
10	16QAM	1	0	22.50	22.77	22.65			
10	16QAM	1	25	22.64	22.51	22.65	23.5	1	
10	16QAM	1	49	22.75	22.60	22.75			
10	16QAM	25	0	21.44	21.44	21.41			
10	16QAM	25	12	21.44	21.39	21.38			
10	16QAM	25	25	21.50	21.38	21.37	22.5	2	
10	16QAM	50	0	21.38	21.45	21.37			
10	64QAM	1	0	21.69	21.65	21.63			
10	64QAM	1	25	21.68	21.52	21.65			
10	64QAM	1	49	21.68	21.49	21.62	22.5	2	
10	64QAM	25	0	20.48	20.41	20.33			
10	64QAM	25	12	20.39	20.42	20.34			
10	64QAM	25	25	20.46	20.38	20.36			
10	64QAM	50	0	20.45	20.46	20.32	21.5	3	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	23.40	23.66	23.41			
5	QPSK	1	12	23.41	23.62	23.38			
5	QPSK	1	24	23.28	23.38	23.40			
5	QPSK	12	0	22.41	22.48	22.36			
5	QPSK	12	7	22.47	22.48	22.36	23.5	1	
5	QPSK	12	13	22.48	22.43	22.32			
5	QPSK	25	0	22.44	22.44	22.34			
5	16QAM	1	0	22.62	22.78	22.65			
5	16QAM	1	12	22.61	22.72	22.62	23.5	1	
5	16QAM	1	24	22.69	22.62	22.77			
5	16QAM	12	0	21.50	21.45	21.40			
5	16QAM	12	7	21.38	21.50	21.40			
5	16QAM	12	13	21.49	21.35	21.31	22.5	2	
5	16QAM	25	0	21.38	21.41	21.41			
5	64QAM	1	0	21.62	21.67	21.65			
5	64QAM	1	12	21.75	21.48	21.56			
5	64QAM	1	24	21.66	21.49	21.52	22.5	2	
5	64QAM	12	0	20.46	20.43	20.34			
5	64QAM	12	7	20.40	20.41	20.42			
5	64QAM	12	13	20.49	20.40	20.36			
5	64QAM	25	0	20.40	20.41	20.27	21.5	3	

Band 12_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130	24.5	0		
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	23.66	23.72	23.69				
10	QPSK	1	25	23.60	23.64	23.54	23.5	1		
10	QPSK	1	49	23.62	23.43	23.38				
10	QPSK	25	0	22.55	22.60	22.53				
10	QPSK	25	12	22.51	22.52	22.51	23.5	1		
10	QPSK	25	25	22.53	22.56	22.45				
10	QPSK	50	0	22.53	22.58	22.47				
10	16QAM	1	0	22.95	22.63	22.99	23.5	1		
10	16QAM	1	25	22.94	22.69	22.70				
10	16QAM	1	49	22.99	22.76	22.64				
10	16QAM	25	0	21.52	21.64	21.46	22.5	2		
10	16QAM	25	12	21.43	21.53	21.43				
10	16QAM	25	25	21.60	21.54	21.44				
10	16QAM	50	0	21.56	21.56	21.44	22.5	2		
10	64QAM	1	0	21.75	21.73	21.87				
10	64QAM	1	25	21.85	21.90	21.77				
10	64QAM	1	49	21.71	21.69	21.84	21.5	3		
10	64QAM	25	0	20.53	20.50	20.49				
10	64QAM	25	12	20.58	20.52	20.48				
10	64QAM	25	25	20.51	20.49	20.49	21.5	3		
10	64QAM	50	0	20.53	20.52	20.46				
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				701.5	707.5	713.5	24.5	0		
5	QPSK	1	0	23.55	23.70	23.57				
5	QPSK	1	12	23.49	23.55	23.49				
5	QPSK	1	24	23.54	23.34	23.28	23.5	1		
5	QPSK	12	0	22.53	22.51	22.50				
5	QPSK	12	7	22.49	22.49	22.37				
5	QPSK	12	13	22.48	22.51	22.31	23.5	1		
5	QPSK	25	0	22.44	22.52	22.42				
5	16QAM	1	0	22.87	22.57	22.90				
5	16QAM	1	12	22.87	22.61	22.67	23.5	1		
5	16QAM	1	24	22.95	22.68	22.52				
5	16QAM	12	0	21.46	21.59	21.41				
5	16QAM	12	7	21.40	21.50	21.29	22.5	2		
5	16QAM	12	13	21.54	21.43	21.30				
5	16QAM	25	0	21.44	21.42	21.37				
5	64QAM	1	0	21.71	21.71	21.81	22.5	2		
5	64QAM	1	12	21.81	21.88	21.74				
5	64QAM	1	24	21.66	21.65	21.71				
5	64QAM	12	0	20.39	20.36	20.40	21.5	3		
5	64QAM	12	7	20.55	20.46	20.35				
5	64QAM	12	13	20.48	20.39	20.48				
5	64QAM	25	0	20.44	20.39	20.42	21.5	3		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				700.5	707.5	714.5	24.5 <th colspan="2" rowspan="3">0</th>	0		
3	QPSK	1	0	23.58	23.63	23.68				
3	QPSK	1	8	23.53	23.59	23.44				
3	QPSK	1	14	23.56	23.35	23.37	23.5	1		
3	QPSK	8	0	22.43	22.59	22.48				
3	QPSK	8	4	22.46	22.42	22.45				
3	QPSK	8	7	22.49	22.55	22.43	23.5	1		
3	QPSK	15	0	22.48	22.49	22.40				
3	16QAM	1	0	22.91	22.57	22.96				
3	16QAM	1	8	22.91	22.65	22.68	23.5	1		
3	16QAM	1	14	22.93	22.66	22.55				
3	16QAM	8	0	21.47	21.53	21.43				
3	16QAM	8	4	21.42	21.46	21.30	22.5	2		
3	16QAM	8	7	21.55	21.43	21.41				
3	16QAM	15	0	21.49	21.50	21.39				
3	64QAM	1	0	21.64	21.67	21.81	22.5	2		
3	64QAM	1	8	21.81	21.83	21.74				
3	64QAM	1	14	21.68	21.66	21.83				
3	64QAM	8	0	20.52	20.40	20.43	21.5	3		
3	64QAM	8	4	20.48	20.48	20.34				
3	64QAM	8	7	20.43	20.41	20.43				
3	64QAM	15	0	20.40	20.49	20.35	21.5	3		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				699.7	707.5	715.3	24.5 <th colspan="2" rowspan="3">0</th>	0		
1.4	QPSK	1	0	23.56	23.60	23.67				
1.4	QPSK	1	3	23.57	23.60	23.40				
1.4	QPSK	1	5	23.51	23.41	23.25	23.5	1		
1.4	QPSK	3	0	23.65	23.66	23.67				
1.4	QPSK	3	1	23.53	23.62	23.48				
1.4	QPSK	3	3	23.57	23.42	23.27	23.5	1		
1.4	QPSK	6	0	22.39	22.47	22.43				
1.4	16QAM	1	0	22.93	22.51	22.88				
1.4	16QAM	1	3	22.80	22.55	22.61	23.5	1		
1.4	16QAM	1	5	22.87	22.64	22.50				
1.4	16QAM	3	0	22.89	22.48	22.93				
1.4	16QAM	3	1	22.93	22.59	22.63	22.5	2		
1.4	16QAM	3	3	22.85	22.62	22.56				
1.4	16QAM	6	0	21.52	21.51	21.37				
1.4	64QAM	1	0	21.70	21.69	21.79	22.5	2		
1.4	64QAM	1	3	21.74	21.82	21.67				
1.4	64QAM	1	5	21.59	21.56	21.82				
1.4	64QAM	3	0	21.70	21.63	21.79	21.5	3		
1.4	64QAM	3	1	21.79	21.81	21.72				
1.4	64QAM	3	3	21.63	21.54	21.73				
1.4	64QAM	6	0	20.52	20.45	20.44	21.5	3		

Band 17_Ant 0														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)						
Channel				23870	23790	23800								
Frequency (MHz)				709	710	711								
10	QPSK	1	0	23.35	23.40	23.35	24.5	0						
10	QPSK	1	25	23.33	23.38	23.20								
10	QPSK	1	49	23.30	23.23	23.34								
10	QPSK	25	0	22.31	22.33	22.28								
10	QPSK	25	12	22.25	22.31	22.25	23.5	1						
10	QPSK	25	25	22.29	22.21	22.25								
10	QPSK	50	0	22.23	22.25	22.21								
10	16QAM	1	0	22.45	22.28	22.50								
10	16QAM	1	25	22.58	22.42	22.60	23.5	1						
10	16QAM	1	49	22.43	22.21	22.61								
10	16QAM	25	0	21.19	21.21	21.19								
10	16QAM	25	12	21.18	21.32	21.23								
10	16QAM	25	25	21.22	21.27	21.18	22.5							
10	16QAM	50	0	21.20	21.29	21.19								
10	64QAM	1	0	21.40	21.32	21.38								
10	64QAM	1	25	21.40	21.52	21.54								
10	64QAM	1	49	21.52	21.34	21.56	22.5	2						
10	64QAM	25	0	20.30	20.18	20.25								
10	64QAM	25	12	20.23	20.22	20.29								
10	64QAM	25	25	20.32	20.22	20.26								
10	64QAM	50	0	20.23	20.20	20.24	21.5	3						
Channel				23755 <th>23790</th> <th>23825</th> <th colspan="4"></th>	23790	23825								
Frequency (MHz)				706.5	710	713.5								
5	QPSK	1	0	23.33	23.35	23.24					24.5	0		
5	QPSK	1	12	23.29	23.25	23.09								
5	QPSK	1	24	23.15	23.10	23.23								
5	QPSK	12	0	22.26	22.18	22.22								
5	QPSK	12	7	22.16	22.27	22.18	23.5	1						
5	QPSK	12	13	22.16	22.18	22.22								
5	QPSK	25	0	22.17	22.23	22.12								
5	16QAM	1	0	22.39	22.17	22.48								
5	16QAM	1	12	22.57	22.40	22.52	23.5	1						
5	16QAM	1	24	22.42	22.28	22.46								
5	16QAM	12	0	21.12	21.14	21.07								
5	16QAM	12	7	21.12	21.19	21.11								
5	16QAM	12	13	21.11	21.15	21.09	22.5	2						
5	16QAM	25	0	21.14	21.24	21.12								
5	64QAM	1	0	21.45	21.20	21.35								
5	64QAM	1	12	21.29	21.40	21.44								
5	64QAM	1	24	21.14	21.27	21.54	22.5	2						
5	64QAM	12	0	20.17	20.28	20.15								
5	64QAM	12	7	20.21	20.18	20.10								
5	64QAM	12	13	20.23	20.19	20.24								
5	64QAM	25	0	20.17	20.06	20.13	21.5	3						

Band 26(FCC)_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.82	23.92	23.85	24.5	0	
15	QPSK	1	37	23.72	23.88	23.82			
15	QPSK	1	74	23.77	23.89	23.79			
15	QPSK	36	0	22.77	22.88	22.82	23.5	1	
15	QPSK	36	20	22.71	22.86	22.83			
15	QPSK	36	39	22.74	22.82	22.75			
15	QPSK	75	0	22.71	22.84	22.80	23.5	1	
15	16QAM	1	0	22.99	23.05	23.11			
15	16QAM	1	37	22.80	23.08	22.90			
15	16QAM	1	74	23.00	23.02	23.10	22.5	2	
15	16QAM	36	0	21.65	21.78	21.86			
15	16QAM	36	20	21.76	21.83	21.94			
15	16QAM	36	39	21.76	21.86	21.83	22.5	2	
15	16QAM	75	0	21.75	21.87	21.91			
15	16QAM	1	0	21.90	22.11	22.08			
15	64QAM	1	37	22.08	21.94	22.05	22.5	2	
15	64QAM	1	74	22.13	22.15	22.06			
15	64QAM	36	0	20.77	20.77	20.90			
15	64QAM	36	20	20.74	20.82	20.87	21.5	3	
15	64QAM	36	39	20.82	20.84	20.90			
15	64QAM	75	0	20.73	20.84	20.88			
Channel				26740	26865	26960	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.75	23.83	23.77	24.5	0	
10	QPSK	1	25	23.64	23.84	23.68			
10	QPSK	1	49	23.63	23.83	23.69			
10	QPSK	25	0	22.68	22.76	22.75	23.5	1	
10	QPSK	25	12	22.68	22.78	22.65			
10	QPSK	25	25	22.73	22.79	22.73			
10	QPSK	50	0	22.59	22.80	22.68	23.5	1	
10	16QAM	1	0	22.95	23.03	23.10			
10	16QAM	1	25	22.70	23.03	22.76			
10	16QAM	1	49	22.90	23.01	23.05	22.5	2	
10	16QAM	25	0	21.52	21.67	21.75			
10	16QAM	25	12	21.69	21.69	21.87			
10	16QAM	25	25	21.65	21.71	21.71	22.5	2	
10	16QAM	50	0	21.74	21.73	21.88			
10	64QAM	1	0	21.89	22.04	22.00			
10	64QAM	1	25	21.98	21.92	21.97	21.5	3	
10	64QAM	1	49	22.00	22.05	22.03			
10	64QAM	25	0	20.70	20.82	20.80			
10	64QAM	25	12	20.61	20.70	20.84	21.5	3	
10	64QAM	25	25	20.71	20.79	20.85			
10	64QAM	50	0	20.65	20.77	20.74			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.71	23.90	23.77	24.5	0	
5	QPSK	1	12	23.70	23.86	23.81			
5	QPSK	1	24	23.75	23.81	23.66			
5	QPSK	12	0	22.63	22.78	22.72	23.5	1	
5	QPSK	12	7	22.61	22.68	22.66			
5	QPSK	12	13	22.71	22.68	22.71			
5	QPSK	25	0	22.61	22.82	22.78	23.5	1	
5	16QAM	1	0	22.96	22.95	23.05			
5	16QAM	1	12	22.69	22.99	22.75			
5	16QAM	1	24	22.91	22.92	23.06	22.5	2	
5	16QAM	12	0	21.60	21.64	21.80			
5	16QAM	12	7	21.67	21.68	21.89			
5	16QAM	12	13	21.71	21.85	21.76	22.5	2	
5	16QAM	25	0	21.66	21.76	21.89			
5	64QAM	1	0	21.76	22.00	22.05			
5	64QAM	1	12	22.04	21.81	21.94	21.5	3	
5	64QAM	1	24	22.05	22.09	22.04			
5	64QAM	12	0	20.67	20.72	20.85			
5	64QAM	12	7	20.73	20.79	20.78	21.5	3	
5	64QAM	12	13	20.74	20.78	20.80			
5	64QAM	25	0	20.72	20.83	20.80			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.72	23.84	23.79	24.5	0	
3	QPSK	1	8	23.61	23.82	23.72			
3	QPSK	1	14	23.70	23.88	23.73			
3	QPSK	8	0	22.75	22.85	22.71	23.5	1	
3	QPSK	8	4	22.63	22.76	22.75			
3	QPSK	8	7	22.59	22.69	22.68			
3	QPSK	15	0	22.70	22.80	22.76	23.5	1	
3	16QAM	1	0	22.85	23.03	23.09			
3	16QAM	1	8	22.67	22.96	22.85			
3	16QAM	1	14	22.88	22.88	22.71	22.5	2	
3	16QAM	8	0	21.50	21.63	21.79			
3	16QAM	8	4	21.69	21.68	21.93			
3	16QAM	8	7	21.66	21.73	21.76	22.5	2	
3	16QAM	15	0	21.63	21.73	21.78			
3	64QAM	1	0	21.82	21.98	21.99			
3	64QAM	1	8	21.98	21.84	21.95	21.5	3	
3	64QAM	1	14	22.00	22.08	22.00			
3	64QAM	8	0	20.62	20.62	20.78			
3	64QAM	8	4	20.61	20.81	20.78	21.5	3	
3	64QAM	8	7	20.71	20.74	20.80			
3	64QAM	15	0	20.72	20.73	20.84			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.73	23.80	23.77	24.5	0	
1.4	QPSK	1	3	23.59	23.79	23.73			
1.4	QPSK	1	5	23.65	23.74	23.75			
1.4	QPSK	3	0	23.72	23.77	23.75	23.5	1	
1.4	QPSK	3	1	23.63	23.78	23.72			
1.4	QPSK	3	3	23.63	23.82	23.77			
1.4	QPSK	6	0	22.64	22.70	22.76	23.5	1	
1.4	16QAM	1	0	22.87	23.02	23.03			
1.4	16QAM	1	3	22.65	22.94	22.88			
1.4	16QAM	1	5	22.99	22.89	22.97	22.5	2	
1.4	16QAM	3	0	22.95	22.94	23.10			
1.4	16QAM	3	1	22.68	23.03	22.79			
1.4	16QAM	3	3	22.94	22.93	22.97	22.5	2	
1.4	16QAM	6	0	21.71	21.76	21.81			
1.4	64QAM	1	0	21.81	21.97	22.04			
1.4	64QAM	1	3	22.00	21.87	22.00	21.5	3	
1.4	64QAM	1	5	22.01	22.08	22.01			
1.4	64QAM	3	0	21.89	22.07	21.98			
1.4	64QAM	3	1	21.94	21.87	21.93	21.5	3	
1.4	64QAM	3	3	22.10	22.09	21.97			
1.4	64QAM	6	0	20.68	20.73	20.80			

Band 26(FCC)_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				26765	26865	26965	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.72	23.75	23.69	24.5	0	
15	QPSK	1	37	23.47	23.57	23.58			
15	QPSK	1	74	23.46	23.55	23.66			
15	QPSK	36	0	22.62	22.66	22.55	23.5	1	
15	QPSK	36	20	22.60	22.51	22.53			
15	QPSK	36	39	22.53	22.46	22.48			
15	QPSK	75	0	22.60	22.62	22.58	23.5	1	
15	16QAM	1	0	21.62	21.60	21.57			
15	16QAM	1	37	23.00	22.97	22.93			
15	16QAM	1	74	22.85	22.96	22.82	22.5	2	
15	16QAM	36	0	21.64	21.53	21.45			
15	16QAM	36	20	21.67	21.47	21.51			
15	16QAM	36	39	21.53	21.47	21.55	22.5	2	
15	16QAM	75	0	21.57	21.48	21.59			
15	16QAM	1	0	21.63	21.37	21.52			
15	16QAM	1	37	21.62	21.60	21.57	22.5	2	
15	16QAM	1	74	21.59	21.56	21.60			
15	16QAM	36	0	20.60	20.52	20.54			
15	16QAM	36	20	20.60	20.49	20.57	21.5	3	
15	16QAM	36	39	20.51	20.55	20.58			
15	16QAM	75	0	20.55	20.48	20.57			
Channel				26740	26865	26990	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				819	831.5	844	Tune-up limit (dbm)	MPR (db)	
10	QPSK	1	0	23.69	23.67	23.63			
10	QPSK	1	25	23.40	23.54	23.55	24.5	0	
10	QPSK	1	49	23.33	23.44	23.65			
10	QPSK	25	0	22.56	22.54	22.48			
10	QPSK	25	12	22.57	22.44	22.51	23.5	1	
10	QPSK	25	25	22.42	22.37	22.36			
10	QPSK	50	0	22.56	22.55	22.44			
10	16QAM	1	0	22.71	22.88	22.88	23.5	1	
10	16QAM	1	25	22.92	22.82	22.78			
10	16QAM	1	49	22.77	22.82	22.81			
10	16QAM	25	0	21.49	21.52	21.58	22.5	2	
10	16QAM	25	12	21.56	21.36	21.44			
10	16QAM	25	25	21.52	21.45	21.44			
10	16QAM	50	0	21.42	21.47	21.49	22.5	2	
10	16QAM	1	0	21.51	21.33	21.41			
10	16QAM	1	25	21.52	21.46	21.42			
10	16QAM	1	49	21.56	21.51	21.45	21.5	3	
10	16QAM	25	0	20.45	20.47	20.46			
10	16QAM	25	12	20.49	20.35	20.43			
10	16QAM	25	25	20.45	20.36	20.48	21.5	3	
10	16QAM	50	0	20.42	20.44	20.43			
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5	Tune-up limit (dbm)	MPR (db)	
5	QPSK	1	0	23.71	23.71	23.63			
5	QPSK	1	12	23.36	23.52	23.57	24.5	0	
5	QPSK	1	24	23.32	23.46	23.64			
5	QPSK	12	0	22.58	22.64	22.52			
5	QPSK	12	7	22.45	22.41	22.50	23.5	1	
5	QPSK	12	13	22.50	22.31	22.40			
5	QPSK	25	0	22.51	22.59	22.56			
5	16QAM	1	0	22.62	22.97	22.86	23.5	1	
5	16QAM	1	12	22.96	22.82	22.87			
5	16QAM	1	24	22.79	22.95	22.76			
5	16QAM	12	0	21.55	21.39	21.43	22.5	2	
5	16QAM	12	7	21.55	21.40	21.48			
5	16QAM	12	13	21.43	21.45	21.51			
5	16QAM	25	0	21.43	21.45	21.43	22.5	2	
5	16QAM	1	0	21.51	21.51	21.45			
5	16QAM	1	12	21.40	21.52	21.43			
5	16QAM	1	24	21.45	21.44	21.49	21.5	3	
5	16QAM	12	0	20.59	20.38	20.39			
5	16QAM	12	7	20.59	20.34	20.43			
5	16QAM	12	13	20.39	20.46	20.48	21.5	3	
5	16QAM	25	0	20.50	20.46	20.55			
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5	Tune-up limit (dbm)	MPR (db)	
3	QPSK	1	0	23.61	23.63	23.55			
3	QPSK	1	8	23.32	23.48	23.46	24.5	0	
3	QPSK	1	14	23.34	23.35	23.58			
3	QPSK	8	0	22.56	22.57	22.54			
3	QPSK	8	4	22.48	22.41	22.39	23.5	1	
3	QPSK	8	7	22.42	22.32	22.41			
3	QPSK	15	0	22.49	22.56	22.49			
3	16QAM	1	0	22.68	22.92	22.91	23.5	1	
3	16QAM	1	8	22.99	22.87	22.84			
3	16QAM	1	14	22.84	22.92	22.74			
3	16QAM	8	0	21.53	21.40	21.42	22.5	2	
3	16QAM	8	4	21.55	21.45	21.36			
3	16QAM	8	7	21.41	21.41	21.42			
3	16QAM	15	0	21.44	21.37	21.45	22.5	2	
3	16QAM	1	0	21.48	21.31	21.51			
3	16QAM	1	8	21.56	21.56	21.44			
3	16QAM	1	14	21.46	21.53	21.49	21.5	3	
3	16QAM	8	0	20.48	20.49	20.47			
3	16QAM	8	4	20.46	20.47	20.49			
3	16QAM	8	7	20.42	20.53	20.55	21.5	3	
3	16QAM	15	0	20.44	20.37	20.52			
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3	Tune-up limit (dbm)	MPR (db)	
1.4	QPSK	1	0	23.71	23.60	23.57			
1.4	QPSK	1	3	23.46	23.55	23.58	24.5	0	
1.4	QPSK	1	5	23.39	23.47	23.54			
1.4	QPSK	3	0	23.58	23.66	23.59			
1.4	QPSK	3	1	23.46	23.56	23.46	23.5	1	
1.4	QPSK	3	3	23.43	23.50	23.53			
1.4	QPSK	6	0	22.65	22.53	22.55			
1.4	16QAM	1	0	22.65	22.98	22.95	23.5	1	
1.4	16QAM	1	3	22.99	22.94	22.80			
1.4	16QAM	3	0	22.66	22.88	22.91			
1.4	16QAM	3	1	22.90	22.87	22.90	22.5	2	
1.4	16QAM	3	3	22.84	22.89	22.74			
1.4	16QAM	6	0	21.55	21.36	21.46			
1.4	16QAM	1	0	21.53	21.32	21.52	22.5	2	
1.4	16QAM	1	3	21.57	21.59	21.55			
1.4	16QAM	1	5	21.58	21.55	21.48			
1.4	16QAM	3	0	21.57	21.32	21.39	21.5	3	
1.4	16QAM	3	1	21.53	21.54	21.52			
1.4	16QAM	3	3	21.51	21.41	21.55			
1.4	16QAM	6	0	20.48	20.43	20.49			

Band 66_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	23.47	23.45	23.45	24.5	0	
20	QPSK	1	49	23.38	23.39	23.40			
20	QPSK	1	99	23.11	23.29	23.21			
20	QPSK	50	0	22.45	22.46	22.38	23.5	1	
20	QPSK	50	24	22.44	22.39	22.34			
20	QPSK	50	50	22.37	22.31	22.35			
20	QPSK	100	0	22.35	22.43	22.33	23.5	1	
20	16QAM	1	0	22.58	22.46	22.66			
20	16QAM	1	49	22.65	22.30	22.60			
20	16QAM	1	99	22.40	22.46	22.57	22.5	2	
20	16QAM	50	0	21.41	21.42	21.41			
20	16QAM	50	24	21.47	21.42	21.30			
20	16QAM	50	50	21.32	21.32	21.30	21.5	3	
20	16QAM	100	0	21.38	21.33	21.31			
20	64QAM	1	0	21.51	21.58	21.53			
20	64QAM	1	49	21.71	21.70	21.60	22.5	2	
20	64QAM	1	99	21.50	21.49	21.55			
20	64QAM	50	0	20.49	20.42	20.39			
20	64QAM	50	24	20.40	20.39	20.37	21.5	3	
20	64QAM	50	50	20.35	20.37	20.38			
20	64QAM	100	0	20.37	20.36	20.40			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	23.38	23.36	23.42	24.5	0	
15	QPSK	1	37	23.34	23.33	23.30			
15	QPSK	1	74	23.04	23.18	23.16			
15	QPSK	36	0	22.33	22.32	22.32	23.5	1	
15	QPSK	36	20	22.34	22.36	22.32			
15	QPSK	36	39	22.34	22.29	22.20			
15	QPSK	75	0	22.31	22.40	22.29	23.5	1	
15	16QAM	1	0	22.47	22.33	22.56			
15	16QAM	1	37	22.55	22.15	22.58			
15	16QAM	1	74	22.35	22.45	22.53	22.5	2	
15	16QAM	36	0	21.29	21.35	21.26			
15	16QAM	36	20	21.46	21.30	21.15			
15	16QAM	36	39	21.30	21.29	21.29	22.5	2	
15	16QAM	75	0	21.33	21.20	21.29			
15	64QAM	1	0	21.37	21.48	21.40			
15	64QAM	1	37	21.63	21.55	21.46	22.5	2	
15	64QAM	1	74	21.41	21.44	21.52			
15	64QAM	36	0	20.34	20.33	20.36			
15	64QAM	36	20	20.33	20.25	20.22	21.5	3	
15	64QAM	36	39	20.23	20.31	20.27			
15	64QAM	75	0	20.32	20.25	20.29			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715 <th>1745<th>1775</th><th></th><th colspan="2"></th></th>	1745 <th>1775</th> <th></th> <th colspan="2"></th>	1775			
10	QPSK	1	0	23.23	23.29	23.31	24.5	0	
10	QPSK	1	25	23.31	23.36	23.32			
10	QPSK	1	49	23.07	23.14	23.17			
10	QPSK	25	0	22.44	22.33	22.27	23.5	1	
10	QPSK	25	12	22.30	22.38	22.28			
10	QPSK	25	25	22.24	22.26	22.34			
10	QPSK	50	0	22.32	22.36	22.18	23.5	1	
10	16QAM	1	0	22.48	22.43	22.55			
10	16QAM	1	25	22.54	22.15	22.54			
10	16QAM	1	49	22.37	22.45	22.45	22.5	2	
10	16QAM	25	0	21.34	21.40	21.30			
10	16QAM	25	12	21.39	21.41	21.24			
10	16QAM	25	25	21.28	21.26	21.29	22.5	2	
10	16QAM	50	0	21.27	21.21	21.20			
10	64QAM	1	0	21.46	21.55	21.44			
10	64QAM	1	25	21.62	21.61	21.54	22.5	2	
10	64QAM	1	49	21.39	21.40	21.48			
10	64QAM	25	0	20.44	20.35	20.31			
10	64QAM	25	12	20.39	20.24	20.36	21.5	3	
10	64QAM	25	25	20.25	20.28	20.23			
10	64QAM	50	0	20.34	20.27	20.30			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	23.33	23.33	23.43	24.5	0	
5	QPSK	1	12	23.24	23.29	23.36			
5	QPSK	1	24	23.05	23.19	23.17			
5	QPSK	12	0	22.34	22.34	22.24	23.5	1	
5	QPSK	12	7	22.41	22.24	22.25			
5	QPSK	12	13	22.32	22.25	22.26			
5	QPSK	25	0	22.24	22.39	22.19	23.5	1	
5	16QAM	1	0	22.51	22.39	22.56			
5	16QAM	1	12	22.59	22.26	22.48			
5	16QAM	1	24	22.27	22.24	22.55	22.5	2	
5	16QAM	12	0	21.29	21.27	21.31			
5	16QAM	12	7	21.45	21.39	21.26			
5	16QAM	12	13	21.21	21.30	21.27	22.5	2	
5	16QAM	25	0	21.25	21.23	21.25			
5	64QAM	1	0	21.46	21.48	21.49			
5	64QAM	1	12	21.61	21.66	21.53	22.5	2	
5	64QAM	1	24	21.38	21.37	21.40			
5	64QAM	12	0	20.46	20.29	20.27			
5	64QAM	12	7	20.29	20.34	20.24	21.5	3	
5	64QAM	12	13	20.21	20.22	20.25			
5	64QAM	25	0	20.33	20.35	20.32			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	23.42	23.37	23.39	24.5	0	
3	QPSK	1	8	23.24	23.34	23.33			
3	QPSK	1	14	23.10	23.16	23.07			
3	QPSK	8	0	22.36	22.33	22.28	23.5	1	
3	QPSK	8	4	22.31	22.25	22.24			
3	QPSK	8	7	22.31	22.21	22.25			
3	QPSK	15	0	22.29	22.30	22.23	23.5	1	
3	16QAM	1	0	22.49	22.35	22.52			
3	16QAM	1	8	22.63	22.25	22.55			
3	16QAM	1	14	22.25	22.42	22.42	22.5	2	
3	16QAM	8	0	21.26	21.38	21.31			
3	16QAM	8	4	21.35	21.28	21.24			
3	16QAM	8	7	21.22	21.31	21.27	22.5	2	
3	16QAM	15	0	21.34	21.29	21.23			
3	64QAM	1	0	21.40	21.49	21.44			
3	64QAM	1	8	21.58	21.58	21.53	22.5	2	
3	64QAM	1	14	21.36	21.35	21.51			
3	64QAM	8	0	20.48	20.41	20.29			
3	64QAM	8	4	20.29	20.36	20.30	21.5	3	
3	64QAM	8	7	20.34	20.30	20.23			
3	64QAM	15	0	20.26	20.25	20.30			
Channel				131919	132322	132685	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	23.41	23.38	23.39	24.5	0	
1.4	QPSK	1	3	23.30	23.33	23.36			
1.4	QPSK	1	5	23.08	23.28	23.14			
1.4	QPSK	3	0	23.41	23.45	23.36	23.5	1	
1.4	QPSK	3	1	23.32	23.24	23.35			
1.4	QPSK	3	3	22.97	23.26	23.15			
1.4	QPSK	6	0	22.29	22.29	22.20	23.5	1	
1.4	16QAM	1	0	22.53	22.42	22.55	23.5	1	
1.4	16QAM	1	3	22.52	22.15	22.56			
1.4	16QAM	1	5	22.31	22.35	22.52			
1.4	16QAM	3	0	22.45	22.40	22.65	22.5	2	
1.4	16QAM	3	2	22.55	22.26	22.65			
1.4	16QAM	3	3	22.35	22.39	22.42			
1.4	16QAM	6	0	21.24	21.29	21.23	22.5	2	
1.4	64QAM	1	0	21.43	21.45	21.41			
1.4	64QAM	1	3	21.68	21.69	21.54			
1.4	64QAM	1	5	21.38	21.41	21.44	22.5	2	
1.4	64QAM	3	0	21.47	21.57	21.52			
1.4	64QAM	3	1	21.64	21.58	21.49			
1.4	64QAM	3	2	21.38	21.47	21.47	21.5	3	
1.4	64QAM	6	0	20.29	20.27	20.34			

LTE Band 71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.62	23.69	23.55	24.5	0	
20	QPSK	1	49	23.49	23.50	23.53			
20	QPSK	1	99	23.58	23.59	23.47			
20	QPSK	50	0	22.69	22.71	22.57	23.5	1	
20	QPSK	50	24	22.64	22.63	22.53			
20	QPSK	50	50	22.61	22.64	22.55			
20	QPSK	100	0	22.61	22.63	22.53	23.5	1	
20	16QAM	1	0	22.85	22.92	22.84			
20	16QAM	1	49	22.82	22.88	22.74			
20	16QAM	1	99	22.77	22.79	22.69	22.5	2	
20	16QAM	50	0	21.75	21.62	21.52			
20	16QAM	50	24	21.63	21.59	21.59			
20	16QAM	50	50	21.65	21.62	21.54	22.5	2	
20	16QAM	100	0	21.65	21.57	21.52			
20	64QAM	1	0	21.69	21.73	21.73			
20	64QAM	1	49	21.87	21.71	21.66	22.5	2	
20	64QAM	1	99	21.63	21.72	21.62			
20	64QAM	50	0	20.68	20.62	20.51			
20	64QAM	50	24	20.66	20.64	20.61	21.5	3	
20	64QAM	50	50	20.69	20.64	20.58			
20	64QAM	100	0	20.64	20.64	20.55			
Channel				133197	133297	133397			
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.51	23.45	23.48	24.5	0	
15	QPSK	1	37	23.36	23.33	23.48			
15	QPSK	1	74	23.50	23.51	23.25			
15	QPSK	36	0	22.50	22.54	22.52	23.5	1	
15	QPSK	36	20	22.48	22.45	22.30			
15	QPSK	36	39	22.44	22.54	22.41			
15	QPSK	75	0	22.43	22.60	22.42	23.5	1	
15	16QAM	1	0	22.64	22.79	22.79			
15	16QAM	1	37	22.76	22.69	22.59			
15	16QAM	1	74	22.53	22.56	22.46	22.5	2	
15	16QAM	36	0	21.57	21.49	21.35			
15	16QAM	36	20	21.45	21.54	21.47			
15	16QAM	36	39	21.51	21.56	21.41	22.5	2	
15	16QAM	75	0	21.46	21.42	21.36			
15	64QAM	1	0	21.53	21.62	21.61			
15	64QAM	1	37	21.62	21.55	21.53	22.5	2	
15	64QAM	1	74	21.54	21.63	21.51			
15	64QAM	36	0	20.44	20.37	20.44			
15	64QAM	36	20	20.50	20.54	20.50	21.5	3	
15	64QAM	36	39	20.53	20.43	20.39			
15	64QAM	75	0	20.52	20.41	20.35			
Channel				133172	133297	133422			
Frequency (MHz)				668	680.5	693			
10	QPSK	1	0	23.56	23.47	23.48	24.5	0	
10	QPSK	1	25	23.27	23.32	23.42			
10	QPSK	1	49	23.34	23.51	23.27			
10	QPSK	25	0	22.51	22.63	22.40	23.5	1	
10	QPSK	25	12	22.46	22.41	22.46			
10	QPSK	25	25	22.36	22.55	22.35			
10	QPSK	50	0	22.41	22.47	22.44	23.5	1	
10	16QAM	1	0	22.79	22.69	22.77			
10	16QAM	1	25	22.73	22.70	22.57			
10	16QAM	1	49	22.53	22.64	22.48	22.5	2	
10	16QAM	25	0	21.52	21.53	21.36			
10	16QAM	25	12	21.43	21.36	21.39			
10	16QAM	25	25	21.53	21.54	21.40	22.5	2	
10	16QAM	50	0	21.59	21.49	21.32			
10	64QAM	1	0	21.55	21.58	21.62			
10	64QAM	1	25	21.73	21.64	21.50	22.5	2	
10	64QAM	1	49	21.49	21.51	21.55			
10	64QAM	25	0	20.54	20.39	20.35			
10	64QAM	25	12	20.41	20.42	20.50	21.5	3	
10	64QAM	25	25	20.50	20.50	20.44			
10	64QAM	50	0	20.54	20.46	20.45			
Channel				133147	133297	133447			
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	23.53	23.56	23.34	24.5	0	
5	QPSK	1	12	23.43	23.45	23.48			
5	QPSK	1	24	23.43	23.43	23.42			
5	QPSK	12	0	22.63	22.51	22.36	23.5	1	
5	QPSK	12	7	22.44	22.47	22.44			
5	QPSK	12	13	22.41	22.53	22.37			
5	QPSK	25	0	22.47	22.62	22.29	23.5	1	
5	16QAM	1	0	22.76	22.76	22.60			
5	16QAM	1	12	22.66	22.78	22.62			
5	16QAM	1	24	22.71	22.54	22.47	22.5	2	
5	16QAM	12	0	21.50	21.46	21.45			
5	16QAM	12	7	21.46	21.53	21.47			
5	16QAM	12	13	21.60	21.50	21.43	22.5	2	
5	16QAM	25	0	21.49	21.48	21.39			
5	64QAM	1	0	21.60	21.59	21.50			
5	64QAM	1	12	21.74	21.46	21.52	22.5	2	
5	64QAM	1	24	21.51	21.56	21.46			
5	64QAM	12	0	20.63	20.47	20.35			
5	64QAM	12	7	20.56	20.50	20.37	21.5	3	
5	64QAM	12	13	20.44	20.59	20.35			
5	64QAM	25	0	20.57	20.58	20.47			

Band 38_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	23.24	23.35	23.30	24.5	0		
20	QPSK	1	49	23.15	23.22	23.26				
20	QPSK	1	99	23.20	23.34	23.24				
20	QPSK	36	0	22.24	22.30	22.28				
20	QPSK	50	24	22.17	22.19	22.19	23.5	1		
20	QPSK	50	50	22.19	22.25	22.22				
20	QPSK	100	0	22.14	22.27	22.22				
20	16QAM	1	0	22.02	22.09	22.14				
20	16QAM	1	49	22.21	22.25	22.23	23.5	1		
20	16QAM	100	0	22.23	22.37	22.41				
20	16QAM	50	0	21.18	21.18	21.22				
20	16QAM	50	24	21.11	21.21	21.32				
20	16QAM	50	50	21.15	21.24	21.37	22.5	2		
20	16QAM	100	0	21.10	21.18	21.29				
20	64QAM	1	0	20.74	20.84	20.90				
20	64QAM	1	49	20.95	21.05	21.06				
20	64QAM	1	99	21.01	20.99	21.12	22.5	2		
20	64QAM	50	0	20.17	20.26	20.21				
20	64QAM	50	24	20.15	20.22	20.31				
20	64QAM	50	50	20.23	20.26	20.40				
20	64QAM	100	0	20.18	20.21	20.29	23.5	1		
Channel				37850	38000	38175				
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	23.21	23.31	23.22	24.5	0		
15	QPSK	1	37	23.05	23.10	23.23				
15	QPSK	1	74	23.11	23.27	23.23				
15	QPSK	36	0	22.19	22.15	22.20				
15	QPSK	36	39	22.11	22.12	22.08	23.5	1		
15	QPSK	36	39	22.17	22.18	22.15				
15	QPSK	75	0	22.12	22.21	22.15				
15	16QAM	1	0	21.91	21.97	22.07				
15	16QAM	1	37	22.11	22.21	22.08	23.5	1		
15	16QAM	1	74	22.11	22.36	22.36				
15	16QAM	36	0	21.07	21.07	21.09				
15	16QAM	36	20	21.04	21.13	21.28				
15	16QAM	36	39	21.03	21.17	21.29	22.5	2		
15	16QAM	75	0	21.01	21.16	21.23				
15	64QAM	1	0	20.68	20.72	20.83				
15	64QAM	1	37	20.88	20.93	20.99				
15	64QAM	1	74	20.95	20.93	21.10	22.5	2		
15	64QAM	36	0	20.07	20.16	20.13				
15	64QAM	36	20	20.01	20.15	20.21				
15	64QAM	36	39	20.16	20.12	20.33				
15	64QAM	75	0	20.13	20.18	20.26	21.5	3		
Channel				37800	38000	38200				
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	23.17	23.29	23.28	24.5	0		
10	QPSK	1	25	23.08	23.10	23.16				
10	QPSK	1	49	23.07	23.25	23.11				
10	QPSK	25	0	22.09	22.20	22.21				
10	QPSK	25	12	22.14	22.08	22.19	23.5	1		
10	QPSK	25	25	22.11	22.11	22.10				
10	QPSK	50	0	22.01	22.21	22.08				
10	16QAM	1	0	21.89	22.00	22.01				
10	16QAM	1	25	22.09	22.10	22.18	23.5	1		
10	16QAM	1	49	22.16	22.26	22.28				
10	16QAM	25	0	21.07	21.16	21.08				
10	16QAM	25	12	21.06	21.20	21.31				
10	16QAM	25	25	21.02	21.23	21.34	22.5	2		
10	16QAM	50	0	21.03	21.03	21.18				
10	64QAM	1	0	20.67	20.71	20.82				
10	64QAM	1	25	20.81	20.92	20.99				
10	64QAM	1	49	21.00	20.91	21.02	21.5	3		
10	64QAM	25	0	20.10	20.14	20.19				
10	64QAM	25	12	20.02	20.12	20.25				
10	64QAM	25	25	20.16	20.20	20.36				
10	64QAM	50	0	20.07	20.10	20.27	22.5	2		
Channel				37775	38000	38225				
Frequency (MHz)				2572.5 <th>2595<th>2617.5</th></th>	2595 <th>2617.5</th>	2617.5				
5	QPSK	1	0	23.09	23.24	23.24	24.5	0		
5	QPSK	1	12	23.06	23.14	23.17				
5	QPSK	1	24	23.12	23.24	23.16				
5	QPSK	12	0	22.10	22.22	22.13				
5	QPSK	12	7	22.15	22.11	22.14	23.5	1		
5	QPSK	12	13	22.09	22.11	22.20				
5	QPSK	25	0	22.03	22.23	22.07				
5	16QAM	1	0	21.99	21.95	22.06				
5	16QAM	1	12	22.12	22.22	22.20	23.5	1		
5	16QAM	1	24	22.09	22.27	22.40				
5	16QAM	12	0	21.03	21.06	21.16				
5	16QAM	12	7	21.03	21.10	21.22				
5	16QAM	12	13	21.08	21.13	21.22	22.5	2		
5	16QAM	25	0	21.00	21.04	21.23				
5	64QAM	1	0	20.72	20.81	20.84				
5	64QAM	1	12	20.91	20.96	21.03				
5	64QAM	1	24	20.96	20.87	20.98	21.5	3		
5	64QAM	12	0	20.12	20.12	20.20				
5	64QAM	12	7	20.07	20.07	20.16				
5	64QAM	12	13	20.12	20.19	20.29				
5	64QAM	25	0	20.04	20.19	20.23				

Band 38_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	23.09	23.75	23.67	24.5	0		
20	QPSK	1	49	23.52	23.74	23.56				
20	QPSK	1	99	23.58	23.70	23.57				
20	QPSK	36	0	22.44	22.63	22.40	23.5	1		
20	QPSK	50	50	22.50	22.61	22.53				
20	QPSK	100	0	22.53	22.61	22.53				
20	16QAM	1	0	22.58	22.64	22.56	23.5	1		
20	16QAM	1	49	22.87	22.70	22.64				
20	16QAM	1	99	22.80	22.84	22.53				
20	16QAM	50	0	21.57	21.58	21.57				
20	16QAM	50	24	21.57	21.62	21.57	22.5	2		
20	16QAM	50	50	21.60	21.61	21.51				
20	16QAM	100	0	21.56	21.59	21.55				
20	64QAM	1	0	21.35	21.32	21.30	22.5	2		
20	64QAM	1	49	21.30	21.42	21.41				
20	64QAM	1	99	21.43	21.38	21.17				
20	64QAM	50	0	20.56	20.61	20.60	21.5	3		
20	64QAM	50	24	20.59	20.61	20.57				
20	64QAM	50	50	20.63	20.65	20.55				
20	64QAM	100	0	20.60	20.61	20.57				
Channel				37850	38000	38150				
Frequency (MHz)				2577.5 <th>2595<th>2612.5</th><th>Tune-up limit (dBm)</th><th colspan="3">MPR (dB)</th></th>	2595 <th>2612.5</th> <th>Tune-up limit (dBm)</th> <th colspan="3">MPR (dB)</th>	2612.5	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	23.02	23.63	23.62	24.5	0		
15	QPSK	1	37	23.47	23.62	23.55				
15	QPSK	1	74	23.46	23.55	23.54				
15	QPSK	36	0	22.42	22.50	22.52	23.5	1		
15	QPSK	36	36	22.44	22.54	22.55				
15	QPSK	36	36	22.46	22.52	22.50				
15	QPSK	75	0	22.42	22.56	22.43	23.5	1		
15	16QAM	1	0	22.53	22.59	22.42				
15	16QAM	1	37	22.53	22.59	22.42				
15	16QAM	1	74	22.65	22.60	22.38				
15	16QAM	36	0	21.54	21.51	21.56	22.5	2		
15	16QAM	36	24	21.54	21.54	21.52				
15	16QAM	36	36	21.46	21.54	21.44				
15	16QAM	75	0	21.51	21.50	21.47	22.5	2		
15	64QAM	1	0	21.33	21.22	21.27				
15	64QAM	1	37	21.17	21.29	21.27				
15	64QAM	36	0	21.34	21.21	21.27	21.5	3		
15	64QAM	36	36	20.45	20.51	20.56				
15	64QAM	36	20	20.57	20.60	20.44				
15	64QAM	36	39	20.58	20.64	20.41				
15	64QAM	75	0	20.55	20.56	20.56				
Channel				3777.5 <th>2595<th>3822.5</th><th>Tune-up limit (dBm)</th><th colspan="3">MPR (dB)</th></th>	2595 <th>3822.5</th> <th>Tune-up limit (dBm)</th> <th colspan="3">MPR (dB)</th>	3822.5	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5 <th>2595<th>2617.5</th><th colspan="4"></th></th>	2595 <th>2617.5</th> <th colspan="4"></th>	2617.5				
10	QPSK	1	0	23.45	23.70	23.65	24.5	0		
10	QPSK	1	25	23.45	23.63	23.47				
10	QPSK	1	49	23.46	23.65	23.49				
10	QPSK	12	0	22.41	22.54	22.63	23.5	1		
10	QPSK	25	12	22.39	22.48	22.45				
10	QPSK	25	25	22.45	22.47	22.49				
10	QPSK	50	0	22.45	22.49	22.44	23.5	1		
10	16QAM	1	0	22.46	22.57	22.41				
10	16QAM	1	25	22.62	22.66	22.52				
10	16QAM	1	49	22.65	22.52	22.46				
10	16QAM	25	0	21.50	21.49	21.56	22.5	2		
10	16QAM	25	12	21.48	21.50	21.55				
10	16QAM	25	12	21.46	21.48	21.49				
10	16QAM	50	0	21.42	21.56	21.40				
10	64QAM	1	0	21.27	21.26	21.28	22.5	2		
10	64QAM	1	25	21.17	21.39	21.32				
10	64QAM	1	49	21.42	21.34	21.02				
10	64QAM	25	0	20.44	20.56	20.47	21.5	3		
10	64QAM	25	12	20.57	20.54	20.48				
10	64QAM	25	25	20.54	20.58	20.42				
10	64QAM	50	0	20.54	20.58	20.44				
Channel				3777.5 <th>38000</th> <th>3822.5</th> <th>Tune-up limit (dBm)</th> <th colspan="3">MPR (dB)</th>	38000	3822.5	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5 <th>2595<th>2617.5</th><th colspan="4"></th></th>	2595 <th>2617.5</th> <th colspan="4"></th>	2617.5				
5	QPSK	1	0	23.52	23.68	23.59	24.5	0		
5	QPSK	1	12	23.51	23.63	23.46				
5	QPSK	1	24	23.43	23.67	23.45				
5	QPSK	12	0	22.31	22.57	22.46	23.5	1		
5	QPSK	12	7	22.47	22.57	22.49				
5	QPSK	12	13	22.43	22.53	22.41				
5	QPSK	25	0	22.39	22.47	22.48	23.5	1		
5	16QAM	1	0	22.46	22.57	22.51				
5	16QAM	1	12	22.64	22.58	22.53				
5	16QAM	1	24	22.65	22.53	22.43				
5	16QAM	12	0	21.52	21.50	21.50	22.5	2		
5	16QAM	12	12	21.52	21.56	21.55				
5	16QAM	12	13	21.56	21.58	21.38				
5	16QAM	25	0	21.44	21.48	21.49				
5	64QAM	1	0	21.20	21.31	21.27	22.5	2		
5	64QAM	1	12	21.19	21.34	21.38				
5	64QAM	1	24	21.37	21.35	21.08				
5	64QAM	12	0	20.50	20.58	20.41	21.5	3		
5	64QAM	12	7	20.61	20.55	20.52				
5	64QAM	12	13	20.51	20.56	20.47				
5	64QAM	25	0	20.45	20.45	20.41				

Band 41_Ant 1												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Time-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	23.18	22.90	23.15	23.39	23.43	24.5	0		
20	QPSK	1	49	23.04	22.96	23.53	23.20	23.43				
20	QPSK	1	99	22.93	22.92	23.51	23.06	23.47	23.5	1		
20	QPSK	50	0	22.12	22.10	22.48	22.22	22.43				
20	QPSK	50	24	21.97	21.88	22.42	22.13	22.35	23.5	1		
20	QPSK	50	50	21.94	21.87	22.45	22.15	22.41				
20	QPSK	100	0	22.08	22.00	22.41	22.12	22.30	23.5	1		
20	16QAM	1	0	22.11	22.00	22.43	22.09	22.29				
20	16QAM	1	49	22.08	22.05	22.40	22.16	22.32	23.5	1		
20	16QAM	1	99	21.91	21.88	22.38	22.21	22.35				
20	16QAM	50	0	21.01	20.90	21.40	21.04	21.35	22.5	2		
20	16QAM	50	24	21.00	20.92	21.43	21.10	21.38				
20	16QAM	50	50	21.00	20.95	21.38	21.21	21.42	22.5	2		
20	16QAM	100	0	21.00	20.89	21.49	21.13	21.26				
20	64QAM	1	0	20.82	20.58	21.10	20.78	21.01	22.5	2		
20	64QAM	1	49	20.83	20.74	21.12	20.94	21.12				
20	64QAM	1	99	20.83	20.69	21.08	20.95	21.19	22.5	2		
20	64QAM	50	0	19.98	19.88	20.43	20.14	20.32				
20	64QAM	50	24	19.99	19.90	20.44	20.16	20.32	21.5	3		
20	64QAM	50	50	19.99	19.94	20.45	20.19	20.35				
20	64QAM	100	0	19.98	19.93	20.44	20.19	20.35	21.5	3		
Channel				39725	40173	40620	41055	41490				
Frequency (MHz)				2621.5	2664.3	2693	2673.8	2682.5	Time-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	23.12	22.87	23.11	23.40	23.53	24.5	0		
15	QPSK	1	37	22.90	22.94	23.12	23.37	23.50				
15	QPSK	1	74	22.86	22.86	23.01	23.45	23.38	23.5	1		
15	QPSK	36	0	22.06	21.97	22.11	22.28	22.40				
15	QPSK	36	20	21.90	21.85	22.06	22.30	22.40	23.5	1		
15	QPSK	36	39	21.90	21.80	22.11	22.31	22.31				
15	QPSK	75	0	21.99	21.95	22.05	22.21	22.38	23.5	1		
15	16QAM	1	0	22.01	21.97	22.06	22.16	22.38				
15	16QAM	1	37	22.00	22.04	22.09	22.26	22.35	23.5	1		
15	16QAM	1	74	21.96	21.86	22.14	22.30	22.28				
15	16QAM	36	0	21.00	20.76	20.95	21.30	21.26	22.5	2		
15	16QAM	36	20	20.88	20.78	21.09	21.35	21.37				
15	16QAM	36	39	20.88	20.88	21.17	21.38	21.32	22.5	2		
15	16QAM	75	0	20.93	20.93	21.09	21.22	21.38				
15	64QAM	1	0	20.77	20.54	20.77	20.98	21.06	22.5	2		
15	64QAM	1	37	20.76	20.72	20.87	20.99	21.08				
15	64QAM	1	74	20.55	20.68	20.88	21.05	20.94	22.5	2		
15	64QAM	36	0	19.83	19.79	20.06	20.26	20.42				
15	64QAM	36	20	19.92	19.81	20.14	20.25	20.41	21.5	3		
15	64QAM	36	39	19.88	19.81	20.09	20.28	20.31				
15	64QAM	75	0	19.83	19.88	20.15	20.22	20.41	21.5	3		
Channel				39700	40160	40620	41080	41540			Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685				
10	QPSK	1	0	23.07	22.90	23.22	23.38	23.42	24.5	0		
10	QPSK	1	25	22.97	22.82	23.16	23.38	23.41				
10	QPSK	1	49	22.89	22.88	22.94	23.34	23.43	23.5	1		
10	QPSK	25	0	22.10	22.01	22.17	22.41	22.42				
10	QPSK	25	12	21.94	21.87	22.01	22.29	22.39	23.5	1		
10	QPSK	25	25	21.84	21.81	22.10	22.32	22.31				
10	QPSK	50	0	22.05	21.93	22.11	22.15	22.39	23.5	1		
10	16QAM	1	0	22.06	21.89	22.08	22.13	22.32				
10	16QAM	1	25	21.91	21.94	22.11	22.23	22.39	23.5	1		
10	16QAM	1	49	21.89	21.94	22.09	22.24	22.34				
10	16QAM	25	0	20.98	20.89	20.96	21.30	21.39	22.5	2		
10	16QAM	25	12	20.91	20.91	21.03	21.30	21.28				
10	16QAM	25	25	20.86	20.91	21.17	21.33	21.34	22.5	2		
10	16QAM	50	0	20.88	20.86	20.98	21.18	21.39				
10	64QAM	1	0	20.76	20.65	20.73	20.86	21.02	22.5	2		
10	64QAM	1	25	20.69	20.62	20.80	21.11	21.03				
10	64QAM	1	49	20.50	20.59	20.94	21.13	21.20	21.5	3		
10	64QAM	25	0	19.92	19.80	20.08	20.29	20.32				
10	64QAM	25	12	19.93	19.93	20.07	20.21	20.36	21.5	3		
10	64QAM	25	25	19.98	19.93	20.12	20.26	20.40				
10	64QAM	50	0	19.84	19.79	20.18	20.25	20.38	21.5	3		
Channel				39675	40148	40620	41093	41555			Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5				
5	QPSK	1	0	23.11	22.85	23.11	23.47	23.43	24.5	0		
5	QPSK	1	12	23.03	22.94	23.10	23.26	23.43				
5	QPSK	1	24	22.93	22.77	23.03	23.43	23.42	23.5	1		
5	QPSK	12	0	22.01	21.86	22.21	22.35	22.38				
5	QPSK	12	7	21.86	21.86	22.12	22.28	22.30	23.5	1		
5	QPSK	12	13	21.89	21.86	22.13	22.31	22.39				
5	QPSK	25	0	22.01	21.89	21.97	22.23	22.30	23.5	1		
5	16QAM	1	0	21.99	21.92	21.98	22.27	22.42				
5	16QAM	1	12	21.91	21.90	22.09	22.25	22.35	23.5	1		
5	16QAM	1	24	21.90	21.97	22.12	22.27	22.28				
5	16QAM	12	0	20.91	20.81	20.93	21.29	21.39	22.5	2		
5	16QAM	12	7	20.85	20.91	21.09	21.32	21.29				
5	16QAM	12	13	20.86	20.88	21.09	21.39	21.28	22.5	2		
5	16QAM	25	0	20.95	20.83	21.11	21.15	21.47				
5	64QAM	1	0	20.70	20.60	20.76	20.96	20.97	22.5	2		
5	64QAM	1	12	20.82	20.58	20.84	21.11	21.11				
5	64QAM	1	24	20.53	20.55	20.85	21.15	20.98	21.5	3		
5	64QAM	12	0	19.93	19.77	20.02	20.24	20.29				
5	64QAM	12	7	19.90	19.82	20.05	20.26	20.34	21.5	3		
5	64QAM	12	13	19.94	19.82	20.06	20.22	20.31				
5	64QAM	25	0	19.83	19.86	20.10	20.22	20.38				

Part 96_Band 48_Ant 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up limit (dBm)	MPR (dB)			
Channel				55340	55830	56150	56640					
Frequency (MHz)				3560	3609	3641	3690					
20	QPSK	1	0	22.51	22.45	22.43	22.50	23	0			
20	QPSK	1	49	22.49	22.37	22.41	22.41					
20	QPSK	1	99	22.41	22.41	22.37	22.40					
20	QPSK	50	24	21.46	21.51	21.50	21.35					
20	QPSK	50	50	21.43	21.51	21.44	21.46	22	1			
20	QPSK	100	0	21.56	21.42	21.50	21.48					
20	16QAM	1	0	21.49	21.58	21.57	21.57					
20	16QAM	1	49	21.44	21.54	21.46	21.48					
20	16QAM	1	99	21.49	21.48	21.51	21.46	22	1			
20	16QAM	50	0	20.47	20.56	20.59	20.50					
20	16QAM	50	24	20.37	20.51	20.57	20.40					
20	16QAM	50	50	20.36	20.51	20.52	20.36					
20	16QAM	100	0	20.37	20.54	20.55	20.36	21	2			
20	64QAM	1	0	20.11	20.10	20.22	20.09					
20	64QAM	1	49	20.36	20.51	20.52	20.39					
20	64QAM	1	99	20.34	20.54	20.47	20.40					
20	64QAM	50	0	19.42	19.52	19.56	19.48	20	3			
20	64QAM	50	24	19.37	19.51	19.42	19.33					
20	64QAM	50	50	19.35	19.41	19.51	19.40					
20	64QAM	100	0	19.34	19.50	19.42	19.39					
Channel				55315	55800	56160	56650	Turn-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3557.5	3608	3642	3692.5					
15	QPSK	1	0	22.46	22.35	22.35	22.38	23	0			
15	QPSK	1	37	22.43	22.18	22.26	22.27					
15	QPSK	1	74	22.32	22.28	22.23	22.33					
15	QPSK	36	0	21.44	21.37	21.47	21.36					
15	QPSK	36	39	21.34	21.34	21.41	21.19	22	1			
15	QPSK	36	39	21.33	21.31	21.27	21.37					
15	QPSK	75	0	21.36	21.35	21.41	21.41					
15	16QAM	1	0	21.43	21.39	21.38	21.44					
15	16QAM	1	37	21.34	21.38	21.28	21.33	22	1			
15	16QAM	1	74	21.34	21.31	21.41	21.31					
15	16QAM	36	0	20.42	20.43	20.42	20.45					
15	16QAM	36	39	20.18	20.44	20.48	20.32					
15	16QAM	36	20	20.16	20.47	20.29	20.17	21	2			
15	16QAM	75	0	20.20	20.38	20.47	20.29					
15	64QAM	1	0	19.93	19.97	20.02	19.99					
15	64QAM	1	37	20.20	20.33	20.38	20.29					
15	64QAM	1	74	20.16	20.36	20.35	20.32	20	3			
15	64QAM	36	0	19.27	19.37	19.46	19.42					
15	64QAM	36	20	19.26	19.41	19.24	19.23					
15	64QAM	36	39	19.15	19.36	19.33	19.32					
15	64QAM	75	0	19.14	19.43	19.30	19.32	Turn-up limit (dBm)	MPR (dB)			
Channel				55290	55815	56160	56650					
Frequency (MHz)				3555	3607.5	3642.5	3690.5					
10	QPSK	1	0	22.31	22.32	22.27	22.39	23	0			
10	QPSK	1	25	22.34	22.21	22.36	22.27					
10	QPSK	1	49	22.27	22.36	22.19	22.33					
10	QPSK	25	0	21.50	21.50	21.47	21.35					
10	QPSK	25	12	21.32	21.35	21.35	21.15	22	1			
10	QPSK	25	25	21.38	21.31	21.36	21.39					
10	QPSK	50	0	21.45	21.36	21.41	21.28					
10	16QAM	1	0	21.44	21.45	21.52	21.40					
10	16QAM	1	25	21.24	21.49	21.32	21.33	22	1			
10	16QAM	1	49	21.40	21.37	21.46	21.36					
10	16QAM	25	0	20.33	20.50	20.54	20.33					
10	16QAM	25	12	20.17	20.33	20.49	20.33					
10	16QAM	25	25	20.16	20.40	20.40	20.18	21	2			
10	16QAM	50	0	20.21	20.35	20.40	20.31					
10	64QAM	1	0	20.02	20.01	20.03	20.03					
10	64QAM	1	25	20.17	20.40	20.44	20.23					
10	64QAM	1	49	20.28	20.49	20.33	20.20	21	2			
10	64QAM	25	0	19.34	19.39	19.38	19.38					
10	64QAM	25	12	19.25	19.38	19.36	19.14					
10	64QAM	25	25	19.19	19.21	19.40	19.23					
10	64QAM	50	0	19.26	19.42	19.28	19.25	Turn-up limit (dBm)	MPR (dB)			
Channel				55265	55800	56170	56715					
Frequency (MHz)				3552.5	3607	3643	3697.5					
5	QPSK	1	0	22.35	22.29	22.24	22.38	23	0			
5	QPSK	1	12	22.29	22.20	22.22	22.23					
5	QPSK	1	24	22.29	22.26	22.18	22.29					
5	QPSK	12	0	21.49	21.47	21.42	21.43					
5	QPSK	12	7	21.28	21.41	21.33	21.22	22	1			
5	QPSK	12	13	21.37	21.39	21.30	21.28					
5	QPSK	25	0	21.36	21.24	21.43	21.29					
5	16QAM	1	0	21.40	21.47	21.45	21.40					
5	16QAM	1	12	21.34	21.48	21.40	21.35	22	1			
5	16QAM	1	24	21.35	21.30	21.31	21.39					
5	16QAM	12	0	20.42	20.40	20.46	20.40					
5	16QAM	12	7	20.24	20.31	20.43	20.29					
5	16QAM	12	13	20.20	20.42	20.36	20.15	21	2			
5	16QAM	25	0	20.28	20.38	20.50	20.25					
5	64QAM	1	0	20.05	20.02	20.04	20.05					
5	64QAM	1	12	20.24	20.45	20.34	20.25					
5	64QAM	1	24	20.21	20.39	20.39	20.23	21	2			
5	64QAM	12	0	19.35	19.41	19.41	19.34					
5	64QAM	12	7	19.18	19.43	19.28	19.17					
5	64QAM	12	13	19.30	19.34	19.37	19.25					
5	64QAM	25	0	19.18	19.39	19.32	19.23	20	3			

Part 96_Band 48_Ant 3													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Power High Ch./Freq.	Turn-up limit (dBm)	MPR (dB)				
Channel				55340	55340	56150	56640						
Frequency (MHz)				3660	3660	3661	3660						
20	QPSK	1	0	22.58	22.40	22.52	22.45	23	0				
20	QPSK	1	49	22.49	22.39	22.50	22.32						
20	QPSK	1	99	22.51	22.28	22.50	22.30						
20	QPSK	50	24	21.43	21.37	21.41	21.37						
20	QPSK	50	24	21.43	21.37	21.41	21.37	22	1				
20	QPSK	50	50	21.48	21.37	21.42	21.27						
20	QPSK	100	0	21.55	21.31	21.44	21.38						
20	16QAM	1	0	21.53	21.32	21.47	21.29						
20	16QAM	1	0	21.53	21.32	21.47	21.29	22	1				
20	16QAM	50	24	21.48	21.31	21.44	21.31						
20	16QAM	1	99	21.50	21.28	21.44	21.36						
20	16QAM	50	0	20.55	20.38	20.53	20.43						
20	16QAM	50	24	20.44	20.33	20.44	20.34	21	2				
20	16QAM	50	50	20.44	20.33	20.44	20.34						
20	16QAM	100	0	20.41	20.30	20.42	20.41						
20	64QAM	1	0	20.54	20.27	20.45	20.39						
20	64QAM	1	49	20.48	20.28	20.50	20.31	21	2				
20	64QAM	1	99	20.48	20.28	20.50	20.31						
20	64QAM	50	0	19.60	19.44	19.58	19.45						
20	64QAM	50	24	19.59	19.41	19.49	19.30						
20	64QAM	50	50	19.53	19.32	19.51	19.38	20	3				
20	64QAM	100	0	19.54	19.34	19.45	19.31						
Channel				55315	55315	56010	56605						
Frequency (MHz)				3657.5 <th>3658<th>3662<th>3662.5<td>Turn-up limit (dBm)</td><td>MPR (dB)</td><td colspan="2"></td></th></th></th>	3658 <th>3662<th>3662.5<td>Turn-up limit (dBm)</td><td>MPR (dB)</td><td colspan="2"></td></th></th>	3662 <th>3662.5<td>Turn-up limit (dBm)</td><td>MPR (dB)</td><td colspan="2"></td></th>	3662.5 <td>Turn-up limit (dBm)</td> <td>MPR (dB)</td> <td colspan="2"></td>			Turn-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	22.46	22.19	22.45	22.43	23	0				
15	QPSK	1	37	22.38	22.17	22.48	22.28						
15	QPSK	1	74	22.45	22.09	22.47	22.19						
15	QPSK	39	0	21.46	21.35	21.42	21.39						
15	QPSK	39	20	21.36	20.99	21.39	21.28	22	1				
15	QPSK	36	39	21.45	21.13	21.27	21.24						
15	QPSK	75	0	21.47	21.05	21.36	21.31						
15	16QAM	1	0	21.50	21.29	21.38	21.14						
15	16QAM	1	37	21.42	21.19	21.39	21.16	22	1				
15	16QAM	1	74	21.43	21.10	21.29	21.29						
15	16QAM	36	0	20.54	20.17	20.50	20.42						
15	16QAM	36	39	20.50	20.16	20.50	20.30						
15	16QAM	36	39	20.29	20.04	20.50	20.27	21	2				
15	16QAM	36	75	20.32	20.14	20.39	20.37						
15	64QAM	1	0	20.50	20.01	20.35	20.26						
15	64QAM	1	37	20.36	20.07	20.44	20.30						
15	64QAM	1	74	20.35	20.07	20.44	20.30	21	2				
15	64QAM	36	0	19.55	19.19	19.48	19.31						
15	64QAM	36	39	19.48	19.17	19.45	19.20						
15	64QAM	36	75	19.48	19.05	19.36	19.28						
15	64QAM	75	0	19.45	19.12	19.30	19.16	20	3				
Channel				55200	55815	56180	56690			Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3555 <th>3607.5<th>3642.5<th>3695<td>Turn-up limit (dBm)</td><td>MPR (dB)</td><td colspan="2"></td></th></th></th>	3607.5 <th>3642.5<th>3695<td>Turn-up limit (dBm)</td><td>MPR (dB)</td><td colspan="2"></td></th></th>	3642.5 <th>3695<td>Turn-up limit (dBm)</td><td>MPR (dB)</td><td colspan="2"></td></th>	3695 <td>Turn-up limit (dBm)</td> <td>MPR (dB)</td> <td colspan="2"></td>			Turn-up limit (dBm)	MPR (dB)		
10	QPSK	1	0	22.47	22.20	22.49	22.37			23	0		
10	QPSK	1	25	22.45	22.22	22.44	22.19						
10	QPSK	1	49	22.43	22.23	22.43	22.15						
10	QPSK	25	0	21.42	21.25	21.50	21.36						
10	QPSK	25	12	21.39	21.03	21.29	21.31	22	1				
10	QPSK	25	25	21.43	21.12	21.27	21.24						
10	QPSK	50	0	21.45	21.03	21.43	21.29						
10	16QAM	1	0	21.48	21.21	21.24	21.24						
10	16QAM	1	25	21.39	21.11	21.33	21.18	22	1				
10	16QAM	1	49	21.47	21.07	21.39	21.24						
10	16QAM	25	0	20.45	20.17	20.47	20.29						
10	16QAM	25	12	20.36	20.06	20.39	20.23						
10	16QAM	25	25	20.38	20.06	20.37	20.25	21	2				
10	16QAM	50	0	20.27	20.12	20.29	20.30						
10	64QAM	1	0	20.45	20.07	20.38	20.34						
10	64QAM	1	25	20.34	20.05	20.36	20.17						
10	64QAM	1	49	20.41	20.10	20.43	20.31	21	2				
10	64QAM	25	0	19.56	19.23	19.53	19.35						
10	64QAM	25	12	19.56	19.19	19.48	19.19						
10	64QAM	25	25	19.44	19.12	19.40	19.30						
10	64QAM	50	0	19.48	19.11	19.32	19.23	20	3				
Channel				55265	55870	56170	56715			Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3552.5 <th>3602<th>3643.5<th>3697.5<td>Turn-up limit (dBm)</td><td>MPR (dB)</td><td colspan="2"></td></th></th></th>	3602 <th>3643.5<th>3697.5<td>Turn-up limit (dBm)</td><td>MPR (dB)</td><td colspan="2"></td></th></th>	3643.5 <th>3697.5<td>Turn-up limit (dBm)</td><td>MPR (dB)</td><td colspan="2"></td></th>	3697.5 <td>Turn-up limit (dBm)</td> <td>MPR (dB)</td> <td colspan="2"></td>			Turn-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	22.46	22.28	22.50	22.34			23	0		
5	QPSK	1	12	22.41	22.22	22.51	22.21						
5	QPSK	1	24	22.51	22.23	22.48	22.17						
5	QPSK	12	0	21.47	21.16	21.41	21.37						
5	QPSK	12	7	21.33	21.04	21.31	21.28	22	1				
5	QPSK	12	13	21.36	21.14	21.29	21.13						
5	QPSK	25	0	21.49	21.13	21.36	21.26						
5	16QAM	0	0	21.43	21.15	21.36	21.28						
5	16QAM	1	12	21.47	21.18	21.36	21.16	22	1				
5	16QAM	1	24	21.44	21.01	21.32	21.31						
5	16QAM	12	0	20.33	20.11	20.50	20.32						
5	16QAM	12	13	20.30	20.05	20.48	20.24						
5	16QAM	25	0	20.27	20.02	20.28	20.30	21	2				
5	64QAM	1	0	20.41	20.05	20.37	20.31						
5	64QAM	1	12	20.33	20.03	20.38	20.16						
5	64QAM	1	24	20.37	20.19	20.45	20.38						
5	64QAM	12	0	19.51	19.21	19.46	19.30	20	3				
5	64QAM	12	7	19.49	19.09	19.45	19.22						
5	64QAM	12	13	19.43	19.13	19.43	19.35						
5	64QAM	25	0	19.41	19.17	19.30	19.19						

Part 96_Band 48_Ant 7										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
0.50	Channel				55340	55830	56150	55640	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)				3560	3609	3641	3690		
	20	QPSK	1	0	23.38	23.07	23.25	23.18	24.5	0
	20	QPSK	1	49	23.25	22.97	23.23	23.10		
	20	QPSK	1	99	23.22	22.97	23.24	23.07		
	20	QPSK	50	0	22.35	22.14	22.22	22.22		
	20	QPSK	50	24	22.27	22.11	22.17	22.16	23.5	1
	20	QPSK	50	50	22.29	22.10	22.17	22.10		
	20	QPSK	100	0	22.33	22.09	22.09	22.17		
	20	16QAM	1	49	22.24	22.07	22.08	22.12		
	20	16QAM	1	99	22.21	22.01	22.21	22.08	23.5	2
	20	16QAM	1	99	22.22	22.06	22.14	22.14		
	20	16QAM	50	0	21.28	21.03	21.17	21.15		
	20	16QAM	50	24	21.17	20.91	21.06	21.11		
	20	16QAM	50	50	21.23	21.00	21.07	21.03	22.5	2
	20	16QAM	100	0	21.26	20.88	21.05	21.13		
	20	64QAM	1	0	21.25	20.91	21.07	21.02		
	20	64QAM	1	49	21.14	20.97	21.02	21.14		
	20	64QAM	1	99	21.22	20.95	21.02	21.10	22.5	2
	20	64QAM	50	0	20.33	20.09	20.20	20.19		
20	64QAM	50	24	20.31	19.96	20.13	20.13			
20	64QAM	50	50	20.21	19.97	20.07	20.07			
20	64QAM	100	0	20.26	19.98	20.07	20.15	21.5	3	
Channel				55315	55800	56150	55605			
Frequency (MHz)				3567.5	3642	3642	3692.5			
15	QPSK	1	0	23.27	22.94	23.13	23.04			24.5
15	QPSK	1	37	23.16	22.89	23.15	22.96			
15	QPSK	1	74	23.07	22.89	23.11	22.92			
15	QPSK	36	0	22.28	22.13	22.20	22.20			
15	QPSK	36	20	22.14	21.90	22.07	22.02	23.5	1	
15	QPSK	36	39	22.21	22.00	22.06	22.00			
15	QPSK	75	0	22.30	22.04	22.00	22.07			
15	16QAM	1	0	22.17	22.03	21.95	22.08			
15	16QAM	1	37	22.26	21.98	22.19	22.04	23.5	1	
15	16QAM	1	74	22.19	21.94	22.02	22.07			
15	16QAM	36	0	21.18	20.91	21.16	21.14			
15	16QAM	36	20	21.05	20.79	21.05	21.09			
15	16QAM	36	39	21.15	20.96	20.97	20.96	22.5	2	
15	16QAM	75	0	21.21	20.87	20.94	20.90			
15	64QAM	1	0	21.14	20.77	20.94	20.93			
15	64QAM	1	37	21.01	20.83	21.00	21.13			
15	64QAM	1	74	21.15	20.91	20.92	21.08	22.5	2	
15	64QAM	36	0	20.26	19.97	20.06	20.16			
15	64QAM	36	20	20.26	19.81	20.11	20.00			
15	64QAM	36	39	20.15	19.91	19.94	20.06			
15	64QAM	75	0	20.18	19.95	19.97	20.08	21.5	3	
Channel				55290	55315	55165	55650			
Frequency (MHz)				3555	3507.5	3612.5	3605			
10	QPSK	1	0	23.28	22.98	23.20	23.12			24.5
10	QPSK	1	25	23.19	22.83	23.11	23.05			
10	QPSK	1	49	23.07	22.83	23.23	22.97			
10	QPSK	25	0	22.24	22.11	22.08	22.12			
10	QPSK	25	12	22.15	21.93	22.04	22.02	23.5	1	
10	QPSK	25	25	22.23	22.04	22.13	21.96			
10	QPSK	50	0	22.30	21.98	21.97	22.10			
10	16QAM	1	0	22.16	21.92	22.06	22.01			
10	16QAM	1	25	22.15	21.97	22.07	22.04	23.5	1	
10	16QAM	1	49	22.10	22.05	22.07	22.11			
10	16QAM	25	0	21.24	20.92	21.07	21.00			
10	16QAM	25	12	21.07	20.77	20.96	21.05			
10	16QAM	25	25	21.14	20.91	21.02	20.95	22.5	2	
10	16QAM	50	0	21.22	20.81	20.99	21.03			
10	64QAM	1	0	21.17	20.81	20.97	20.90			
10	64QAM	1	25	20.99	20.90	20.89	21.13			
10	64QAM	1	49	21.19	20.88	20.97	21.09	21.5	3	
10	64QAM	25	0	20.30	19.94	20.06	20.07			
10	64QAM	25	12	20.22	19.92	20.01	19.98			
10	64QAM	25	25	20.12	19.92	19.96	19.92			
10	64QAM	50	0	20.18	19.84	19.97	20.02	Tune-up limit (dBm)	MPR (dB)	
Channel				55265	55310	55170	55715			
Frequency (MHz)				3552.5	3607	3643	3697.5			
5	QPSK	1	0	23.33	22.99	23.22	23.08	24.5		0
5	QPSK	1	12	23.13	22.95	23.23	22.99			
5	QPSK	1	24	23.11	22.85	23.20	22.93			
5	QPSK	12	0	22.23	22.09	22.19	22.14			
5	QPSK	12	7	22.15	21.88	22.08	22.14	23.5		1
5	QPSK	12	13	22.16	22.08	22.02	22.09			
5	QPSK	25	0	22.27	21.97	22.00	22.11			
5	16QAM	1	0	22.15	22.04	21.93	22.10			
5	16QAM	1	12	22.21	21.89	22.12	22.13	23.5		1
5	16QAM	1	24	22.06	21.92	22.05	22.02			
5	16QAM	12	0	21.19	20.91	21.07	21.13			
5	16QAM	12	7	21.12	20.84	20.93	21.04			
5	16QAM	12	13	21.20	20.88	20.95	20.90	22.5		2
5	16QAM	25	0	21.19	20.82	21.03	21.08			
5	64QAM	1	0	21.15	20.76	21.02	20.96			
5	64QAM	1	12	21.04	20.92	20.90	21.02			
5	64QAM	1	24	21.13	20.80	20.91	21.01	21.5		3
5	64QAM	12	0	20.26	20.02	20.12	20.09			
5	64QAM	12	7	20.18	19.87	20.08	20.00			
5	64QAM	12	13	20.09	19.83	19.99	19.93			
5	64QAM	25	0	20.22	19.93	19.96	20.02			

Reduced Power Mode for EC11

GSM850_Ant 0		Burst Average Power (dBm)			Tuneup Limit (dBm)	Frame-Average Power (dBm)			Tuneup Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.35	32.41	32.49	33.50	23.35	23.41	23.49	24.50
GPRS 1 Tx slot		32.31	32.38	32.46	33.50	23.31	23.38	23.46	24.50
GPRS 2 Tx slots		30.42	30.43	30.58	31.50	24.42	24.43	24.58	25.50
GPRS 3 Tx slots		28.21	28.27	28.36	29.50	23.95	24.01	24.10	24.50
GPRS 4 Tx slots		27.12	27.23	27.21	28.50	24.12	24.23	24.21	25.50
EDGE 1 Tx slot		26.98	26.98	27.05	28.00	17.98	17.98	18.05	19.00
EDGE 2 Tx slots		25.82	25.86	25.86	27.00	19.82	19.86	19.86	20.50
EDGE 3 Tx slots		23.62	23.52	23.64	24.50	19.36	19.26	19.38	20.24
EDGE 4 Tx slots		22.31	22.46	22.57	23.50	19.31	19.46	19.57	20.50

GSM1900_Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810	Limit (dBm)	512	661	810	Limit (dBm)
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		28.82	28.78	28.84	29.50	19.82	19.78	19.84	20.50
GPRS 1 Tx slot		26.96	26.92	26.98	27.50	20.92	20.88	20.94	21.50
GPRS 2 Tx slots		25.85	25.81	25.87	26.50	20.96	20.92	20.98	21.50
GPRS 3 Tx slots		25.85	25.81	25.87	26.50	21.59	21.55	21.61	22.50
GPRS 4 Tx slots		24.55	24.51	24.57	25.50	21.55	21.51	21.57	22.50
EDGE 1 Tx slot		24.88	24.84	24.90	25.50	15.88	15.84	15.90	17.00
EDGE 2 Tx slots		23.76	23.72	23.78	25.00	17.76	17.72	17.78	18.25
EDGE 3 Tx slots		21.29	21.25	21.31	22.50	17.03	16.99	17.05	18.25
EDGE 4 Tx slots		19.91	19.87	19.93	21.00	16.91	16.87	16.93	18.25

GSM1900_Ant 4	Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)				Tune-up Limit (dBm)
	TX Channel	512	661	810		512	661	810		
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8		
GSM 1 Tx slot		25.00	25.21	25.42	25.50	16.00	16.21	16.42	16.50	
GPRS 1 Tx slot		25.25	25.27	25.29	25.50	16.25	16.27	16.29	16.50	
GPRS 2 Tx slots		23.15	23.17	23.19	23.50	17.15	17.17	17.19	17.50	
GPRS 3 Tx slots		21.73	21.75	21.77	22.50	17.47	17.49	17.51	18.24	
GPRS 4 Tx slots		20.72	20.74	20.76	21.50	17.72	17.74	17.76	18.50	
EDGE 1 Tx slot		21.02	21.04	21.06	22.00	12.02	12.04	12.06	13.00	
EDGE 2 Tx slots		19.53	19.55	19.57	21.00	13.53	13.55	13.57	15.00	
EDGE 3 Tx slots		17.21	17.23	17.25	18.50	12.95	12.97	12.99	14.24	
EDGE 4 Tx slots		16.04	16.06	16.08	17.00	13.04	13.06	13.08	14.00	

Band		WCDMA II_Ant-1			Tune-up Limit (dBm)	WCDMA IV_Ant-1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.28	19.54	19.48	20.50	20.28	20.32	20.24	21.50
3GPP Rel 99	RMC 12.2Kbps	19.30	19.60	19.52	20.50	20.35	20.38	20.33	21.50
3GPP Rel 6	HSDPA Subtest-1	18.77	18.89	18.85	19.50	19.73	19.77	19.79	20.50
3GPP Rel 6	HSDPA Subtest-2	18.75	18.82	18.86	19.50	19.68	19.73	19.78	20.50
3GPP Rel 6	HSDPA Subtest-3	18.31	18.36	18.31	19.00	19.19	19.26	19.37	20.00
3GPP Rel 6	HSDPA Subtest-4	18.26	18.35	18.34	19.00	19.15	19.20	19.27	20.00
3GPP Rel 6	DC-HSDPA Subtest-1	18.61	18.74	18.75	19.50	19.54	19.63	19.66	20.50
3GPP Rel 6	DC-HSDPA Subtest-2	18.59	18.76	18.70	19.50	19.63	19.61	19.58	20.50
3GPP Rel 6	DC-HSDPA Subtest-3	18.12	18.20	18.20	19.00	19.08	19.19	19.19	20.00
3GPP Rel 6	DC-HSDPA Subtest-4	19.08	19.28	19.28	19.00	19.03	19.00	19.15	20.00
3GPP Rel 6	HSUPA Subtest-1	16.81	16.86	16.88	17.50	17.73	17.77	17.76	18.50
3GPP Rel 6	HSUPA Subtest-2	16.82	16.96	16.89	17.50	17.77	17.76	17.76	18.50
3GPP Rel 6	HSUPA Subtest-3	17.84	17.86	17.89	18.50	18.75	18.78	18.79	19.50
3GPP Rel 6	HSUPA Subtest-4	16.34	16.39	16.37	17.50	17.25	17.37	17.29	18.50
3GPP Rel 6	HSUPA Subtest-5	17.80	17.90	17.90	19.50	18.80	18.80	18.80	20.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.66	16.74	16.71	18.00	17.66	17.81	17.74	19.00

Band		WCDMA II_Ant-4			Tune-up Limit (dBm)	WCDMA IV_Ant-4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	15.45	15.52	15.48	16.50	17.84	17.82	17.80	19.00
3GPP Rel 99	RMC 12.2Kbps	15.50	15.56	15.52	16.50	17.87	17.89	17.85	19.00
3GPP Rel 6	HSDPA Subtest-1	14.77	14.87	14.93	15.50	17.20	17.24	17.27	18.00
3GPP Rel 6	HSDPA Subtest-2	14.79	14.82	14.89	15.50	17.13	17.18	17.19	18.00
3GPP Rel 6	HSDPA Subtest-3	14.26	14.37	14.42	15.00	16.64	16.71	16.78	17.50
3GPP Rel 6	HSDPA Subtest-4	14.32	14.34	14.37	15.00	16.64	16.70	16.73	17.50
3GPP Rel 6	DC-HSDPA Subtest-1	14.68	14.68	14.76	15.50	17.04	17.12	17.18	18.00
3GPP Rel 6	DC-HSDPA Subtest-2	14.67	14.73	14.75	15.50	16.99	16.98	17.11	18.00
3GPP Rel 6	DC-HSDPA Subtest-3	14.18	14.20	14.37	15.00	16.49	16.55	16.57	17.50
3GPP Rel 6	DC-HSDPA Subtest-4	14.22	14.19	14.20	15.00	16.57	16.54	16.65	17.50
3GPP Rel 6	HSUPA Subtest-1	12.80	12.76	12.80	13.50	14.87	15.03	15.09	16.00
3GPP Rel 6	HSUPA Subtest-2	12.82	12.86	12.71	13.50	15.23	15.27	15.36	16.00
3GPP Rel 6	HSUPA Subtest-3	13.79	13.81	13.88	14.50	16.19	16.29	16.24	17.00
3GPP Rel 6	HSUPA Subtest-4	12.30	12.22	12.20	13.50	14.71	14.72	14.70	16.00
3GPP Rel 6	HSUPA Subtest-5	13.80	13.90	13.90	15.50	16.20	16.23	16.20	18.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.64	12.66	12.71	14.00	15.08	15.24	15.11	16.50

Band		WCDMA V_Ant-0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.80	23.87	23.83	25.00
3GPP Rel 99	RMC 12.2Kbps	23.84	23.95	23.91	25.00
3GPP Rel 6	HSDPA Subtest-1	22.96	22.94	22.92	24.00
3GPP Rel 6	HSDPA Subtest-2	22.89	23.06	22.96	24.00
3GPP Rel 6	HSDPA Subtest-3	22.53	22.61	22.55	23.50
3GPP Rel 6	HSDPA Subtest-4	22.38	22.56	22.51	23.50
3GPP Rel 6	DC-HSDPA Subtest-1	22.84	22.90	22.91	24.00
3GPP Rel 6	DC-HSDPA Subtest-2	22.83	22.99	22.89	24.00
3GPP Rel 6	DC-HSDPA Subtest-3	22.47	22.51	22.41	23.50
3GPP Rel 6	DC-HSDPA Subtest-4	22.31	22.46	22.41	23.50
3GPP Rel 6	HSUPA Subtest-1	20.90	20.94	20.97	22.00
3GPP Rel 6	HSUPA Subtest-2	20.95	20.98	20.98	22.00
3GPP Rel 6	HSUPA Subtest-3	21.94	21.97	21.98	23.00
3GPP Rel 6	HSUPA Subtest-4	20.45	20.43	20.56	22.00
3GPP Rel 6	HSUPA Subtest-5	22.30	22.10	22.00	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.82	20.89	20.88	22.50

GSM850_Ant 4	Burst Average Power (dbm)				Tune-up Limit	Frame-Average Power (dbm)				Tuneup Limit (dbm)
	TX Channel	128	189	251		128	189	251		
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8		
GSM 1 Tx slot		30.62	30.74	30.77	31.50	21.62	21.74	21.77	22.50	
GPRS 1 Tx slot		30.60	30.80	30.78	31.50	21.60	21.80	21.78	22.50	
GPRS 2 Tx slots		28.52	28.73	28.77	29.50	22.52	22.73	22.77	23.50	
GPRS 3 Tx slots		26.28	26.49	26.48	27.50	22.02	22.23	22.22	23.24	
GPRS 4 Tx slots		25.06	25.30	25.27	26.50	22.06	22.30	22.27	23.50	
EDGE 1 Tx slot		25.15	25.06	24.94	26.00	16.15	16.06	15.94	17.00	
EDGE 2 Tx slots		24.04	23.87	23.92	25.00	16.04	15.87	15.92	16.00	
EDGE 3 Tx slots		21.67	21.62	21.61	23.00	17.41	17.36	17.35	18.74	
EDGE 4 Tx slots		20.61	20.48	20.49	22.00	17.61	17.48	17.49	18.00	

GSM1900_Ant 2		Burst Average Power (dbm)			Tune-up	Frame-Average Power (dbm)			Tune-up
TX Channel		512	661	810	Limit (dbm)	512	661	810	Limit (dbm)
Frequency (MHz)		1850.2	1850	1809.8		1850.2	1850	1809.8	
GSM 1 Tx slot		28.68	28.79	29.74	30.50	20.68	20.79	20.74	21.50
GPRS 1 Tx slot		28.68	28.77	28.73	30.50	20.66	20.77	20.73	21.50
GPRS 2 Tx slots		27.78	27.86	27.90	28.50	21.78	21.86	21.90	22.50
GPRS 3 Tx slots		26.58	26.68	26.65	27.50	22.32	22.42	22.39	23.24
GPRS 4 Tx slots		25.27	25.35	25.38	26.50	22.27	22.35	22.38	23.50
EDGE 1 Tx slot		25.99	26.14	26.06	27.00	16.99	17.14	17.06	18.00
EDGE 2 Tx slots		24.78	24.88	24.84	26.00	18.78	18.88	18.84	19.24
EDGE 3 Tx slots		22.54	22.60	22.58	23.50	18.28	18.34	18.32	20.24
EDGE 4 Tx slots		21.26	21.31	21.29	22.00	18.26	18.31	18.29	19.00

Band		WCDMA II_Ant-2			Tune-up Limit (dBm)	WCDMA IV_Ant-2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.98	24.07	23.92	25.00	23.77	23.83	23.80	25.00
3GPP Rel 99	RMC 12.2Kbps	24.05	24.10	24.03	25.00	23.82	23.90	23.88	25.00
3GPP Rel 6	HSDPA Subtest-1	23.20	23.32	23.26	24.00	23.18	23.16	23.08	24.00
3GPP Rel 6	HSDPA Subtest-2	23.23	23.30	23.25	24.00	23.15	23.14	23.11	24.00
3GPP Rel 6	HSDPA Subtest-3	22.78	22.78	22.80	23.50	22.71	22.67	22.66	23.50
3GPP Rel 6	HSDPA Subtest-4	22.74	22.79	22.77	23.50	22.70	22.62	22.65	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.11	23.24	23.25	24.00	23.07	23.13	23.00	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.17	23.15	23.13	24.00	23.14	23.12	23.06	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.74	22.76	22.66	23.50	22.66	22.65	22.61	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.62	22.68	22.70	23.50	22.63	22.55	22.50	23.50
3GPP Rel 6	HSUPA Subtest-1	21.25	21.32	21.28	22.00	21.02	20.87	20.83	22.00
3GPP Rel 6	HSUPA Subtest-2	21.19	21.35	21.31	22.00	21.03	20.94	20.80	22.00
3GPP Rel 6	HSUPA Subtest-3	22.29	22.20	22.24	23.00	21.84	21.88	21.81	23.00
3GPP Rel 6	HSUPA Subtest-4	20.78	20.75	20.80	22.00	20.37	20.44	20.33	22.00
3GPP Rel 6	HSUPA Subtest-5	22.20	22.40	22.30	24.00	22.02	22.11	22.08	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.11	21.25	21.16	22.00	20.98	21.01	20.86	22.50

Band 2_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	19.95	20.00	19.93	21	0		
20	QPSK	1	49	19.88	19.94	19.84				
20	QPSK	1	99	19.80	19.88	19.88				
20	QPSK	50	0	19.91	19.98	19.90	21	0		
20	QPSK	50	24	19.88	19.96	19.79				
20	QPSK	50	50	19.80	19.92	19.82				
20	QPSK	100	0	19.89	19.90	19.86	21	0		
20	16QAM	1	0	19.81	19.92	19.84				
20	16QAM	1	49	19.94	19.98	19.85				
20	16QAM	1	99	19.87	19.98	19.78	21	0		
20	16QAM	50	0	19.94	19.99	19.92				
20	16QAM	50	24	19.85	19.88	19.83				
20	16QAM	50	50	19.85	19.88	19.89	21	0		
20	16QAM	100	0	19.94	19.86	19.83				
20	64QAM	1	0	19.92	19.97	19.79				
20	64QAM	1	49	19.92	19.85	19.86	21	0		
20	64QAM	1	99	19.90	19.87	19.91				
20	64QAM	50	0	19.94	19.99	19.84				
20	64QAM	50	24	19.90	19.92	19.86	21	0		
20	64QAM	50	50	19.92	19.92	19.85				
20	64QAM	100	0	19.83	19.97	19.81				
Channel				18675	18800	19125	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	1890	1902.5				
15	QPSK	1	0	19.86	19.99	19.86	21	0		
15	QPSK	1	37	19.74	19.89	19.74				
15	QPSK	1	74	19.79	19.83	19.84				
15	QPSK	36	0	19.76	19.87	19.83	21	0		
15	QPSK	36	20	19.82	19.93	19.76				
15	QPSK	36	39	19.74	19.81	19.75				
15	QPSK	75	0	19.81	19.82	19.74	21	0		
15	16QAM	1	0	19.67	19.77	19.62				
15	16QAM	1	37	19.60	19.63	19.80				
15	16QAM	1	74	19.77	19.84	19.70	21	0		
15	16QAM	36	0	19.79	19.88	19.86				
15	16QAM	36	20	19.73	19.82	19.78				
15	16QAM	36	39	19.83	19.76	19.85	21	0		
15	16QAM	75	0	19.79	19.83	19.76				
15	64QAM	1	0	19.91	19.91	19.78				
15	64QAM	1	37	19.84	19.72	19.79	21	0		
15	64QAM	1	74	19.89	19.83	19.82				
15	64QAM	36	0	19.86	19.85	19.82				
15	64QAM	36	20	19.82	19.82	19.80	21	0		
15	64QAM	36	39	19.83	19.80	19.84				
15	64QAM	75	0	19.82	19.84	19.77				
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	0	19.89	19.96	19.85	21	0		
10	QPSK	1	25	19.85	19.80	19.70				
10	QPSK	1	49	19.73	19.78	19.80				
10	QPSK	25	0	19.87	19.89	19.78	21	0		
10	QPSK	25	12	19.75	19.87	19.72				
10	QPSK	25	25	19.65	19.85	19.69				
10	QPSK	50	0	19.84	19.80	19.85	21	0		
10	16QAM	1	0	19.80	19.79	19.73				
10	16QAM	1	25	19.85	19.91	19.70				
10	16QAM	1	49	19.79	19.95	19.66	21	0		
10	16QAM	25	0	19.92	19.89	19.81				
10	16QAM	25	12	19.82	19.76	19.72				
10	16QAM	25	25	19.81	19.80	19.83	21	0		
10	16QAM	50	0	19.85	19.77	19.79				
10	64QAM	1	0	19.80	19.84	19.72				
10	64QAM	1	25	19.90	19.71	19.71	21	0		
10	64QAM	1	49	19.84	19.80	19.78				
10	64QAM	25	0	19.91	19.93	19.72				
10	64QAM	25	12	19.78	19.90	19.73	21	0		
10	64QAM	25	25	19.90	19.82	19.70				
10	64QAM	50	0	19.81	19.83	19.68				
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1902.5				
5	QPSK	1	0	19.80	19.90	19.84	21	0		
5	QPSK	1	12	19.68	19.92	19.81				
5	QPSK	1	24	19.67	19.77	19.78				
5	QPSK	12	0	19.87	19.90	19.80	21	0		
5	QPSK	12	7	19.75	19.91	19.78				
5	QPSK	12	13	19.74	19.77	19.72				
5	QPSK	25	0	19.85	19.84	19.79	21	0		
5	16QAM	1	0	19.80	19.89	19.80				
5	16QAM	1	12	19.81	19.97	19.78				
5	16QAM	1	24	19.84	19.93	19.67	21	0		
5	16QAM	12	0	19.86	19.97	19.82				
5	16QAM	12	7	19.79	19.79	19.80				
5	16QAM	12	13	19.75	19.76	19.74	21	0		
5	16QAM	25	0	19.87	19.76	19.72				
5	64QAM	1	0	19.87	19.83	19.76				
5	64QAM	1	12	19.87	19.71	19.81	21	0		
5	64QAM	1	24	19.80	19.80	19.76				
5	64QAM	12	0	19.81	19.89	19.74				
5	64QAM	12	7	19.81	19.83	19.81	21	0		
5	64QAM	12	13	19.84	19.82	19.81				
5	64QAM	25	0	19.82	19.82	19.72				
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1851.5	1880	1908.5				
3	QPSK	1	0	19.80	19.88	19.88	21	0		
3	QPSK	1	8	19.85	19.90	19.78				
3	QPSK	1	14	19.69	19.76	19.80				
3	QPSK	8	0	19.90	19.85	19.80	21	0		
3	QPSK	8	4	19.74	19.91	19.64				
3	QPSK	8	7	19.65	19.78	19.67				
3	QPSK	15	0	19.87	19.89	19.80	21	0		
3	16QAM	1	0	19.67	19.86	19.82				
3	16QAM	1	8	19.85	19.89	19.72				
3	16QAM	1	14	19.83	19.97	19.71	21	0		
3	16QAM	8	0	19.93	19.86	19.89				
3	16QAM	8	4	19.80	19.74	19.75				
3	16QAM	8	7	19.71	19.77	19.78	21	0		
3	16QAM	15	0	19.88	19.76	19.71				
3	64QAM	1	0	19.86	19.96	19.64				
3	64QAM	1	8	19.83	19.84	19.75	21	0		
3	64QAM	1	14	19.79	19.77	19.87				
3	64QAM	8	0	19.87	19.92	19.76				
3	64QAM	8	4	19.75	19.80	19.83	21	0		
3	64QAM	8	7	19.84	19.90	19.79				
3	64QAM	15	0	19.79	19.88	19.71				
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	1880	1909.3				
1.4	QPSK	1	0	19.85	19.92	19.83	21	0		
1.4	QPSK	1	3	19.84	19.96	19.84				
1.4	QPSK	1	5	19.66	19.73	19.75				
1.4	QPSK	3	0	19.83	19.97	19.88	21	0		
1.4	QPSK	3	1	19.80	19.94	19.75				
1.4	QPSK	3	3	19.69	19.91	19.69				
1.4	QPSK	6	0	19.88	19.75	19.85	21	0		
1.4	16QAM	1	0	19.80	19.83	19.69				
1.4	16QAM	1	3	19.85	19.87	19.82				
1.4	16QAM	1	5	19.82	19.84	19.64	21	0		
1.4	16QAM	3	0	19.87	19.80	19.83				
1.4	16QAM	3	1	19.80	19.80	19.76				
1.4	16QAM	3	3	19.71	19.83	19.88	21	0		
1.4	16QAM	6	0	19.82	19.74	19.81				
1.4	64QAM	1	0	19.91	19.82	19.68				
1.4	64QAM	1	3	19.88	19.82	19.78	21	0		
1.4	64QAM	1	5	19.75	19.73	19.84				
1.4	64QAM	3	0	19.84	19.96	19.83				
1.4	64QAM	3	3	19.86	19.90	19.83	21	0		
1.4	64QAM	3	3	19.66	19.79	19.76				
1.4	64QAM	6	0	19.77	19.93	19.69				

Band 4_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	20.72	20.83	20.77	22	0	
20	QPSK	1	49	20.68	20.74	20.73			
20	QPSK	1	99	20.69	20.75	20.76			
20	QPSK	50	0	20.71	20.80	20.73	22	0	
20	QPSK	50	24	20.69	20.77	20.69			
20	QPSK	50	50	20.59	20.73	20.62			
20	QPSK	100	0	20.62	20.79	20.67	22	0	
20	16QAM	1	0	20.68	20.75	20.69			
20	16QAM	1	49	20.69	20.73	20.65			
20	16QAM	1	99	20.63	20.82	20.64	22	0	
20	16QAM	50	0	20.57	20.81	20.76			
20	16QAM	50	24	20.71	20.79	20.72			
20	16QAM	50	50	20.62	20.74	20.64	22	0	
20	16QAM	100	0	20.68	20.78	20.65			
20	64QAM	1	0	20.58	20.69	20.63			
20	64QAM	1	49	20.65	20.78	20.70	22	0	
20	64QAM	1	99	20.59	20.76	20.71			
20	64QAM	50	0	20.24	20.22	20.21			
20	64QAM	50	24	20.27	20.21	20.27	21.5	0.5	
20	64QAM	50	50	20.21	20.19	20.27			
20	64QAM	100	0	20.23	20.19	20.25			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	20.69	20.71	20.65	22	0	
15	QPSK	1	37	20.60	20.68	20.61			
15	QPSK	1	74	20.67	20.60	20.71			
15	QPSK	36	0	20.56	20.69	20.59	22	0	
15	QPSK	36	20	20.64	20.76	20.54			
15	QPSK	36	39	20.57	20.72	20.58			
15	QPSK	75	0	20.55	20.73	20.56	22	0	
15	16QAM	1	0	20.65	20.60	20.66			
15	16QAM	1	37	20.62	20.64	20.62			
15	16QAM	1	74	20.58	20.76	20.50	22	0	
15	16QAM	36	0	20.56	20.78	20.55			
15	16QAM	36	20	20.65	20.72	20.58			
15	16QAM	36	39	20.53	20.73	20.49	22	0	
15	16QAM	75	0	20.59	20.63	20.51			
15	64QAM	1	0	20.50	20.67	20.62			
15	64QAM	1	37	20.61	20.77	20.67	22	0	
15	64QAM	1	74	20.53	20.66	20.67			
15	64QAM	36	0	20.09	20.18	20.18			
15	64QAM	36	20	20.13	20.18	20.12	21.5	0.5	
15	64QAM	36	39	20.16	20.07	20.18			
15	64QAM	75	0	20.09	20.17	20.10			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	20.67	20.68	20.69	22	0	
10	QPSK	1	25	20.61	20.70	20.59			
10	QPSK	1	49	20.60	20.65	20.68			
10	QPSK	25	0	20.64	20.67	20.68	22	0	
10	QPSK	25	12	20.64	20.74	20.63			
10	QPSK	25	25	20.49	20.72	20.60			
10	QPSK	50	0	20.61	20.68	20.60	22	0	
10	16QAM	1	0	20.63	20.72	20.67			
10	16QAM	1	25	20.57	20.66	20.54			
10	16QAM	1	49	20.54	20.79	20.55	22	0	
10	16QAM	25	0	20.51	20.73	20.74			
10	16QAM	25	12	20.69	20.68	20.70			
10	16QAM	25	25	20.52	20.72	20.54	22	0	
10	16QAM	50	0	20.62	20.67	20.53			
10	64QAM	1	0	20.56	20.59	20.48			
10	64QAM	1	25	20.54	20.66	20.56	22	0	
10	64QAM	1	49	20.56	20.67	20.66			
10	64QAM	25	0	20.21	20.12	20.13			
10	64QAM	25	12	20.13	20.06	20.12	21.5	0.5	
10	64QAM	25	25	20.07	20.10	20.26			
10	64QAM	50	0	20.17	20.16	20.14			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	20.65	20.73	20.76	22	0	
5	QPSK	1	12	20.67	20.66	20.72			
5	QPSK	1	24	20.64	20.74	20.62			
5	QPSK	12	0	20.58	20.77	20.69	22	0	
5	QPSK	12	7	20.56	20.74	20.58			
5	QPSK	12	13	20.51	20.58	20.57			
5	QPSK	25	0	20.61	20.74	20.55	22	0	
5	16QAM	1	0	20.66	20.70	20.62			
5	16QAM	1	12	20.56	20.69	20.59			
5	16QAM	1	24	20.51	20.78	20.53	22	0	
5	16QAM	12	0	20.48	20.69	20.61			
5	16QAM	12	7	20.61	20.74	20.57			
5	16QAM	12	13	20.47	20.62	20.61	22	0	
5	16QAM	25	0	20.64	20.77	20.57			
5	64QAM	1	0	20.48	20.60	20.62			
5	64QAM	1	12	20.57	20.64	20.68	22	0	
5	64QAM	1	24	20.54	20.65	20.69			
5	64QAM	12	0	20.18	20.08	20.08			
5	64QAM	12	7	20.13	20.08	20.20	21.5	0.5	
5	64QAM	12	13	20.11	20.13	20.13			
5	64QAM	25	0	20.20	20.10	20.11			
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	20.63	20.74	20.76	22	0	
3	QPSK	1	8	20.55	20.60	20.60			
3	QPSK	1	14	20.59	20.63	20.70			
3	QPSK	8	0	20.67	20.65	20.66	22	0	
3	QPSK	8	4	20.61	20.76	20.67			
3	QPSK	8	7	20.58	20.65	20.51			
3	QPSK	15	0	20.48	20.64	20.52	22	0	
3	16QAM	1	0	20.56	20.67	20.54			
3	16QAM	1	8	20.66	20.62	20.56			
3	16QAM	1	14	20.56	20.77	20.62	22	0	
3	16QAM	8	0	20.44	20.69	20.66			
3	16QAM	8	4	20.56	20.64	20.62			
3	16QAM	8	7	20.61	20.65	20.57	22	0	
3	16QAM	15	0	20.54	20.67	20.61			
3	64QAM	1	0	20.50	20.67	20.59			
3	64QAM	1	8	20.52	20.76	20.62	22	0	
3	64QAM	1	14	20.47	20.74	20.64			
3	64QAM	8	0	20.20	20.20	20.16			
3	64QAM	8	4	20.25	20.12	20.20	21.5	0.5	
3	64QAM	8	7	20.12	20.12	20.26			
3	64QAM	15	0	20.08	20.04	20.11			
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	20.58	20.76	20.70	22	0	
1.4	QPSK	1	3	20.59	20.68	20.67			
1.4	QPSK	1	5	20.66	20.63	20.67			
1.4	QPSK	3	0	20.62	20.68	20.65	22	0	
1.4	QPSK	3	1	20.65	20.69	20.57			
1.4	QPSK	3	3	20.51	20.63	20.54			
1.4	QPSK	6	0	20.58	20.72	20.54	22	0	
1.4	16QAM	1	0	20.61	20.69	20.68			
1.4	16QAM	1	3	20.68	20.58	20.62			
1.4	16QAM	1	5	20.52	20.71	20.58	22	0	
1.4	16QAM	3	0	20.49	20.74	20.59			
1.4	16QAM	3	1	20.61	20.65	20.71			
1.4	16QAM	3	3	20.50	20.64	20.55	22	0	
1.4	16QAM	6	0	20.60	20.70	20.60			
1.4	64QAM	1	0	20.57	20.59	20.61			
1.4	64QAM	1	3	20.52	20.72	20.69	22	0	
1.4	64QAM	1	5	20.57	20.73	20.62			
1.4	64QAM	3	0	20.68	20.73	20.68			
1.4	64QAM	3	1	20.62	20.72	20.67	22	0	
1.4	64QAM	3	3	20.59	20.69	20.68			
1.4	64QAM	6	0	20.14	20.05	20.22			

Band 5_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.78	23.87	23.86	25	0		
10	QPSK	1	25	23.66	23.74	23.53				
10	QPSK	1	49	23.70	23.82	23.74				
10	QPSK	25	0	22.64	22.77	22.74	24	1		
10	QPSK	25	12	22.63	22.67	22.72				
10	QPSK	25	25	22.63	22.69	22.70				
10	QPSK	50	0	22.67	22.75	22.73	24	1		
10	16QAM	1	0	22.74	22.93	22.97				
10	16QAM	1	25	22.74	22.74	23.02				
10	16QAM	1	49	22.71	23.00	22.97	23	2		
10	16QAM	25	0	21.66	21.63	21.74				
10	16QAM	25	12	21.60	21.71	21.69				
10	16QAM	25	25	21.60	21.78	21.71	23	2		
10	16QAM	50	0	21.62	21.73	21.71				
10	64QAM	1	0	21.93	22.06	21.96				
10	64QAM	1	25	21.85	21.77	21.95	23	2		
10	64QAM	1	49	21.84	21.98	21.81				
10	64QAM	25	0	20.60	20.73	20.66				
10	64QAM	25	12	20.52	20.62	20.69	22	3		
10	64QAM	25	25	20.66	20.68	20.81				
10	64QAM	50	0	20.63	20.68	20.74				
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	23.75	23.85	23.83	25	0		
5	QPSK	1	12	23.54	23.73	23.39				
5	QPSK	1	24	23.65	23.77	23.62				
5	QPSK	12	0	22.60	22.72	22.61	24	1		
5	QPSK	12	7	22.51	22.56	22.71				
5	QPSK	12	13	22.55	22.62	22.62				
5	QPSK	25	0	22.56	22.62	22.66	24	1		
5	16QAM	1	0	22.67	22.80	22.91				
5	16QAM	1	12	22.51	22.62	22.93				
5	16QAM	1	24	22.67	22.90	22.86	23	2		
5	16QAM	12	0	21.65	21.54	21.72				
5	16QAM	12	7	21.56	21.64	21.65				
5	16QAM	12	13	21.57	21.73	21.70	22	3		
5	16QAM	25	0	21.61	21.66	21.58				
5	64QAM	1	0	21.89	22.01	21.87				
5	64QAM	1	12	21.75	21.69	21.94	23	2		
5	64QAM	1	24	21.72	21.93	21.76				
5	64QAM	12	0	20.49	20.67	20.60				
5	64QAM	12	7	20.46	20.50	20.58	22	3		
5	64QAM	12	13	20.57	20.55	20.72				
5	64QAM	25	0	20.68	20.62	20.74				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	23.74	23.81	23.76	25	0		
3	QPSK	1	8	23.52	23.66	23.39				
3	QPSK	1	14	23.61	23.69	23.70				
3	QPSK	8	0	22.57	22.76	22.71	24	1		
3	QPSK	8	4	22.62	22.59	22.69				
3	QPSK	8	7	22.60	22.61	22.69				
3	QPSK	15	0	22.59	22.73	22.64	24	1		
3	16QAM	1	0	22.62	22.89	22.88				
3	16QAM	1	8	22.72	22.68	22.97				
3	16QAM	1	14	22.68	22.88	22.91	23	2		
3	16QAM	8	0	21.65	21.57	21.63				
3	16QAM	8	4	21.48	21.63	21.63				
3	16QAM	8	7	21.59	21.64	21.64	23	2		
3	16QAM	15	0	21.53	21.61	21.56				
3	64QAM	1	0	21.80	21.95	21.95				
3	64QAM	1	8	21.78	21.69	21.88	23	2		
3	64QAM	1	14	21.70	21.85	21.70				
3	64QAM	8	0	20.49	20.66	20.51				
3	64QAM	8	4	20.42	20.48	20.57	22	3		
3	64QAM	8	7	20.63	20.65	20.73				
3	64QAM	15	0	20.68	20.59	20.65				
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.69	23.72	23.84	25	0		
1.4	QPSK	1	3	23.51	23.71	23.45				
1.4	QPSK	1	5	23.57	23.77	23.65				
1.4	QPSK	3	0	23.71	23.80	23.85	24	1		
1.4	QPSK	3	1	23.63	23.68	23.45				
1.4	QPSK	3	3	23.69	23.70	23.73				
1.4	QPSK	6	0	22.58	22.61	22.65	24	1		
1.4	16QAM	1	0	22.73	22.91	22.88				
1.4	16QAM	1	3	22.64	22.59	23.00				
1.4	16QAM	1	5	22.66	22.86	22.84	24	1		
1.4	16QAM	3	0	22.73	22.86	22.87				
1.4	16QAM	3	1	22.64	22.71	23.01				
1.4	16QAM	3	3	22.59	22.88	22.86	23	2		
1.4	16QAM	6	0	21.57	21.64	21.67				
1.4	64QAM	1	0	21.92	21.93	21.87				
1.4	64QAM	1	3	21.82	21.73	21.92	23	2		
1.4	64QAM	1	5	21.80	21.92	21.80				
1.4	64QAM	3	0	21.49	21.75	21.69				
1.4	64QAM	3	1	21.53	21.69	21.70	22	3		
1.4	64QAM	3	3	21.98	21.99	21.97				
1.4	64QAM	6	0	20.60	20.59	20.77				

Band 5_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	22.57	22.65	22.61	24	0		
10	QPSK	1	25	22.51	22.55	22.53				
10	QPSK	1	49	22.44	22.54	22.53				
10	QPSK	25	0	22.53	22.63	22.55	24	0		
10	QPSK	25	12	22.54	22.49	22.50				
10	QPSK	25	25	22.55	22.56	22.47				
10	QPSK	50	0	22.56	22.60	22.52	24	0		
10	16QAM	1	0	22.47	22.63	22.50				
10	16QAM	1	25	22.56	22.55	22.54				
10	16QAM	1	49	22.50	22.59	22.50	23	1		
10	16QAM	25	0	21.57	21.47	21.60				
10	16QAM	25	12	21.62	21.42	21.64				
10	16QAM	25	25	21.61	21.48	21.62	23	1		
10	16QAM	50	0	21.61	21.46	21.61				
10	64QAM	1	0	21.75	21.87	21.80				
10	64QAM	1	25	21.76	21.60	21.66	23	1		
10	64QAM	1	49	21.62	21.60	21.63				
10	64QAM	25	0	20.50	20.53	20.61				
10	64QAM	25	12	20.49	20.46	20.48	22	2		
10	64QAM	25	25	20.52	20.58	20.52				
10	64QAM	50	0	20.51	20.51	20.61				
Channel				20425	20525	20625	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	22.47	22.59	22.46	24	0		
5	QPSK	1	12	22.44	22.49	22.51				
5	QPSK	1	24	22.36	22.47	22.52				
5	QPSK	12	0	22.58	22.55	22.49	24	0		
5	QPSK	12	7	22.46	22.47	22.48				
5	QPSK	12	13	22.52	22.43	22.36				
5	QPSK	25	0	22.47	22.55	22.41	24	0		
5	16QAM	1	0	22.43	22.54	22.46				
5	16QAM	1	12	22.42	22.46	22.53				
5	16QAM	1	24	22.35	22.49	22.49	23	1		
5	16QAM	12	0	21.49	21.46	21.53				
5	16QAM	12	7	21.58	21.30	21.53				
5	16QAM	12	13	21.53	21.41	21.61	23	1		
5	16QAM	25	0	21.58	21.58	21.48				
5	64QAM	1	0	21.63	21.85	21.75				
5	64QAM	1	12	21.61	21.56	21.64	23	1		
5	64QAM	1	24	21.48	21.59	21.85				
5	64QAM	12	0	20.40	20.40	20.48				
5	64QAM	12	7	20.34	20.36	20.36	22	2		
5	64QAM	12	13	20.40	20.56	20.41				
5	64QAM	25	0	20.42	20.50	20.55				
Channel				20415	20525	20635	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	22.53	22.58	22.45	24	0		
3	QPSK	1	8	22.38	22.50	22.47				
3	QPSK	1	14	22.36	22.46	22.38				
3	QPSK	8	0	22.46	22.49	22.33	24	0		
3	QPSK	8	4	22.39	22.48	22.45				
3	QPSK	8	7	22.45	22.45	22.39				
3	QPSK	15	0	22.49	22.58	22.42	24	0		
3	16QAM	1	0	22.39	22.58	22.35				
3	16QAM	1	8	22.46	22.50	22.49				
3	16QAM	1	14	22.49	22.45	22.37	23	1		
3	16QAM	8	0	21.63	21.39	21.46				
3	16QAM	8	4	21.57	21.39	21.53				
3	16QAM	8	7	21.53	21.37	21.56	23	1		
3	16QAM	15	0	21.59	21.31	21.47				
3	64QAM	1	0	21.63	21.78	21.79				
3	64QAM	1	8	21.65	21.53	21.55	23	1		
3	64QAM	1	14	21.55	21.61	21.88				
3	64QAM	8	0	20.49	20.41	20.60				
3	64QAM	8	4	20.36	20.44	20.36	22	2		
3	64QAM	8	7	20.40	20.40	20.40				
3	64QAM	15	0	20.43	20.42	20.48				
Channel				20407	20525	20643	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	22.50	22.53	22.46	24	0		
1.4	QPSK	1	3	22.37	22.50	22.41				
1.4	QPSK	1	5	22.34	22.51	22.39				
1.4	QPSK	3	0	22.48	22.63	22.47	24	0		
1.4	QPSK	3	1	22.45	22.52	22.45				
1.4	QPSK	3	3	22.33	22.51	22.43				
1.4	QPSK	6	0	22.47	22.54	22.54	24	0		
1.4	16QAM	1	0	22.40	22.47	22.45				
1.4	16QAM	1	2	22.45	22.47	22.35				
1.4	16QAM	1	5	22.52	22.48	22.37	24	0		
1.4	16QAM	3	0	22.40	22.54	22.49				
1.4	16QAM	3	1	22.49	22.54	22.49				
1.4	16QAM	3	3	22.38	22.47	22.47	23	1		
1.4	16QAM	6	0	21.50	21.37	21.58				
1.4	64QAM	1	0	21.71	21.77	21.67				
1.4	64QAM	1	3	21.62	21.53	21.63	23	1		
1.4	64QAM	1	5	21.61	21.82	21.83				
1.4	64QAM	3	0	21.61	21.82	21.68				
1.4	64QAM	3	1	21.63	21.59	21.57	22	2		
1.4	64QAM	3	3	21.60	21.54	21.91				
1.4	64QAM	6	0	20.45	20.42	20.50				

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	24.5	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.75	23.86	23.77			
20	QPSK	1	49	23.69	23.77	23.70			
20	QPSK	1	99	23.72	23.85	23.71	23.5	1	
20	QPSK	50	0	22.73	22.79	22.76			
20	QPSK	50	24	22.66	22.74	22.73			
20	QPSK	50	50	22.69	22.77	22.71			
20	QPSK	100	0	22.67	22.73	22.69	23.5	1	
20	16QAM	1	0	22.82	22.90	22.95			
20	16QAM	1	49	22.88	22.91	22.85			
20	16QAM	1	99	22.79	23.10	23.13			
20	16QAM	50	0	21.59	21.79	21.72	22.5	2	
20	16QAM	50	24	21.66	21.75	21.69			
20	16QAM	50	50	21.74	21.75	21.71			
20	16QAM	100	0	21.66	21.73	21.71			
20	64QAM	1	0	21.80	22.06	22.05	22.5	2	
20	64QAM	1	49	21.77	21.91	21.85			
20	64QAM	1	99	21.80	21.93	22.13			
20	64QAM	50	0	20.61	20.76	20.76			
20	64QAM	50	24	20.68	20.82	20.71	21.5	3	
20	64QAM	50	50	20.71	20.80	20.70			
20	64QAM	100	0	20.65	20.76	20.72			
Channel				20925	21100	21315	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	24.5	0	
15	QPSK	1	0	23.67	23.79	23.76			
15	QPSK	1	37	23.59	23.65	23.69			
15	QPSK	1	74	23.64	23.70	23.67	23.5	1	
15	QPSK	36	0	22.67	22.70	22.67			
15	QPSK	36	20	22.65	22.66	22.71			
15	QPSK	36	39	22.66	22.69	22.70			
15	QPSK	75	0	22.58	22.75	22.60	23.5	1	
15	16QAM	1	0	22.67	22.86	22.88			
15	16QAM	1	37	22.83	22.80	22.76			
15	16QAM	1	74	22.70	23.03	23.11			
15	16QAM	36	0	21.50	21.71	21.64	22.5	2	
15	16QAM	36	20	21.61	21.63	21.60			
15	16QAM	36	39	21.62	21.68	21.58			
15	16QAM	75	0	21.60	21.71	21.59			
15	64QAM	1	0	21.69	22.05	22.01	22.5	2	
15	64QAM	1	37	21.73	21.89	21.73			
15	64QAM	1	74	21.87	21.78	22.06			
15	64QAM	36	0	20.57	20.69	20.62			
15	64QAM	36	20	20.58	20.81	20.56	21.5	3	
15	64QAM	36	39	20.56	20.77	20.69			
15	64QAM	75	0	20.51	20.74	20.62			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	24.5	0	
10	QPSK	1	0	23.65	23.79	23.72			
10	QPSK	1	25	23.64	23.69	23.63			
10	QPSK	1	49	23.64	23.70	23.70	23.5	1	
10	QPSK	25	0	22.62	22.66	22.72			
10	QPSK	25	12	22.57	22.67	22.64			
10	QPSK	25	25	22.64	22.63	22.69			
10	QPSK	50	0	22.54	22.73	22.64	23.5	1	
10	16QAM	1	0	22.75	22.80	22.88			
10	16QAM	1	25	22.80	22.88	22.77			
10	16QAM	1	49	22.75	23.08	23.05			
10	16QAM	25	0	21.52	21.73	21.65	22.5	2	
10	16QAM	25	12	21.56	21.64	21.57			
10	16QAM	25	25	21.62	21.67	21.68			
10	16QAM	50	0	21.51	21.67	21.70			
10	64QAM	1	0	21.72	21.98	21.90	22.5	2	
10	64QAM	1	25	21.67	21.81	21.84			
10	64QAM	1	49	21.67	21.81	22.04			
10	64QAM	25	0	20.48	20.74	20.74			
10	64QAM	25	12	20.65	20.73	20.69	21.5	3	
10	64QAM	25	25	20.60	20.72	20.62			
10	64QAM	50	0	20.62	20.72	20.65			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	24.5	0	
5	QPSK	1	0	23.60	23.85	23.65			
5	QPSK	1	12	23.57	23.74	23.62			
5	QPSK	1	24	23.66	23.84	23.68	23.5	1	
5	QPSK	12	0	22.62	22.68	22.67			
5	QPSK	12	7	22.62	22.59	22.72			
5	QPSK	12	13	22.63	22.66	22.59			
5	QPSK	25	0	22.56	22.65	22.65	23.5	1	
5	16QAM	1	0	22.73	22.81	22.89			
5	16QAM	1	12	22.75	22.84	22.72			
5	16QAM	1	24	22.74	22.99	22.99			
5	16QAM	12	0	21.55	21.65	21.67	22.5	2	
5	16QAM	12	7	21.57	21.64	21.58			
5	16QAM	12	13	21.61	21.67	21.65			
5	16QAM	25	0	21.52	21.62	21.60			
5	64QAM	1	0	21.70	22.04	21.98	22.5	2	
5	64QAM	1	12	21.64	21.82	21.77			
5	64QAM	1	24	21.70	21.88	22.01			
5	64QAM	12	0	20.59	20.64	20.62			
5	64QAM	12	7	20.57	20.68	20.67	21.5	3	
5	64QAM	12	13	20.62	20.75	20.57			
5	64QAM	25	0	20.62	20.73	20.68			

Band 7_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	18.5	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	17.57	17.56	17.50	18.5	0	
20	QPSK	1	49	17.47	17.65	17.45			
20	QPSK	1	99	17.46	17.64	17.42			
20	QPSK	50	0	17.54	17.63	17.48			
20	QPSK	50	24	17.46	17.61	17.42	18.5	0	
20	QPSK	50	50	17.50	17.60	17.40			
20	QPSK	100	0	17.53	17.60	17.46			
20	16QAM	1	0	17.55	17.52	17.47			
20	16QAM	1	49	17.46	17.53	17.46	18.5	0	
20	16QAM	1	99	17.52	17.52	17.59			
20	16QAM	50	0	17.44	17.61	17.50			
20	16QAM	50	24	17.45	17.64	17.54			
20	16QAM	50	50	17.42	17.52	17.58	18.5	0	
20	16QAM	100	0	17.48	17.59	17.46			
20	64QAM	1	0	17.42	17.52	17.47			
20	64QAM	1	49	17.50	17.60	17.48			
20	64QAM	1	99	17.48	17.59	17.47	18.5	0	
20	64QAM	50	0	17.46	17.54	17.57			
20	64QAM	50	24	17.50	17.51	17.51			
20	64QAM	50	50	17.43	17.59	17.52			
20	64QAM	100	0	17.42	17.56	17.48	18.5	0	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	17.53	17.61	17.55	18.5	0	
15	QPSK	1	37	17.46	17.59	17.53			
15	QPSK	1	74	17.43	17.57	17.47			
15	QPSK	36	0	17.52	17.51	17.52			
15	QPSK	36	20	17.33	17.51	17.33	18.5	0	
15	QPSK	36	39	17.37	17.45	17.48			
15	QPSK	75	0	17.47	17.57	17.53			
15	16QAM	1	0	17.53	17.38	17.42			
15	16QAM	1	37	17.39	17.39	17.33	18.5	0	
15	16QAM	1	74	17.40	17.47	17.52			
15	16QAM	36	0	17.35	17.58	17.43			
15	16QAM	36	20	17.31	17.54	17.43			
15	16QAM	36	39	17.40	17.45	17.50	18.5	0	
15	16QAM	75	0	17.46	17.52	17.39			
15	64QAM	1	0	17.41	17.40	17.42			
15	64QAM	1	37	17.39	17.37	17.38			
15	64QAM	1	74	17.47	17.55	17.33	18.5	0	
15	64QAM	36	0	17.32	17.40	17.51			
15	64QAM	36	20	17.48	17.44	17.49			
15	64QAM	36	39	17.37	17.56	17.38			
15	64QAM	75	0	17.39	17.41	17.35	18.5	0	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	17.50	17.53	17.47	18.5	0	
10	QPSK	1	25	17.44	17.55	17.52			
10	QPSK	1	49	17.20	17.49	17.51			
10	QPSK	25	0	17.40	17.49	17.46			
10	QPSK	25	12	17.44	17.50	17.42	18.5	0	
10	QPSK	25	25	17.48	17.51	17.47			
10	QPSK	50	0	17.41	17.53	17.44			
10	16QAM	1	0	17.41	17.43	17.32			
10	16QAM	1	25	17.31	17.38	17.38	18.5	0	
10	16QAM	1	49	17.46	17.50	17.51			
10	16QAM	25	0	17.36	17.49	17.43			
10	16QAM	25	12	17.38	17.49	17.48			
10	16QAM	25	25	17.31	17.50	17.43	18.5	0	
10	16QAM	50	0	17.45	17.46	17.36			
10	64QAM	1	0	17.31	17.37	17.41			
10	64QAM	1	25	17.37	17.46	17.38			
10	64QAM	1	49	17.38	17.58	17.44	18.5	0	
10	64QAM	25	0	17.44	17.46	17.52			
10	64QAM	25	12	17.37	17.47	17.40			
10	64QAM	25	25	17.41	17.47	17.46			
10	64QAM	50	0	17.39	17.49	17.39	18.5	0	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	17.54	17.62	17.56	18.5	0	
5	QPSK	1	12	17.42	17.59	17.51			
5	QPSK	1	24	17.40	17.59	17.51			
5	QPSK	12	0	17.49	17.51	17.58			
5	QPSK	12	7	17.35	17.60	17.39	18.5	0	
5	QPSK	12	13	17.44	17.54	17.57			
5	QPSK	25	0	17.41	17.48	17.45			
5	16QAM	1	0	17.41	17.49	17.33			
5	16QAM	1	12	17.41	17.49	17.40	18.5	0	
5	16QAM	1	24	17.38	17.44	17.45			
5	16QAM	12	0	17.33	17.58	17.45			
5	16QAM	12	7	17.30	17.55	17.52			
5	16QAM	12	13	17.33	17.41	17.43	18.5	0	
5	16QAM	25	0	17.38	17.58	17.34			
5	64QAM	1	0	17.38	17.49	17.41			
5	64QAM	1	12	17.37	17.54	17.42			
5	64QAM	1	24	17.37	17.48	17.36	18.5	0	
5	64QAM	12	0	17.41	17.41	17.53			
5	64QAM	12	7	17.49	17.49	17.50			
5	64QAM	12	13	17.42	17.58	17.45			
5	64QAM	25	0	17.33	17.54	17.35	18.5	0	

Band 12_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130	24.5	0		
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	23.66	23.72	23.69				
10	QPSK	1	25	23.60	23.64	23.54	23.5	1		
10	QPSK	1	49	23.62	23.43	23.38				
10	QPSK	25	0	22.55	22.60	22.53				
10	QPSK	25	12	22.51	22.52	22.51	23.5	1		
10	QPSK	25	25	22.53	22.56	22.45				
10	QPSK	50	0	22.53	22.58	22.47				
10	16QAM	1	0	22.95	22.63	22.99	23.5	1		
10	16QAM	1	25	22.94	22.69	22.70				
10	16QAM	1	49	22.99	22.76	22.64				
10	16QAM	25	0	21.52	21.64	21.46	22.5	2		
10	16QAM	25	12	21.43	21.53	21.43				
10	16QAM	25	25	21.60	21.54	21.44				
10	16QAM	50	0	21.56	21.56	21.44	22.5	2		
10	64QAM	1	0	21.75	21.73	21.87				
10	64QAM	1	25	21.85	21.90	21.77				
10	64QAM	1	49	21.71	21.69	21.84	21.5	3		
10	64QAM	25	0	20.53	20.50	20.49				
10	64QAM	25	12	20.58	20.52	20.48				
10	64QAM	25	25	20.51	20.49	20.49	21.5	3		
10	64QAM	50	0	20.53	20.52	20.46				
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				701.5	707.5	713.5	24.5	0		
5	QPSK	1	0	23.55	23.70	23.57				
5	QPSK	1	12	23.49	23.55	23.49				
5	QPSK	1	24	23.54	23.34	23.28	23.5	1		
5	QPSK	12	0	22.53	22.51	22.50				
5	QPSK	12	7	22.49	22.49	22.37				
5	QPSK	12	13	22.48	22.51	22.31	23.5	1		
5	QPSK	25	0	22.44	22.52	22.42				
5	16QAM	1	0	22.87	22.57	22.90				
5	16QAM	1	12	22.87	22.61	22.67	23.5	1		
5	16QAM	1	24	22.95	22.68	22.52				
5	16QAM	12	0	21.46	21.59	21.41				
5	16QAM	12	7	21.40	21.50	21.30	22.5	2		
5	16QAM	12	13	21.54	21.43	21.37				
5	16QAM	25	0	21.44	21.42	21.37				
5	64QAM	1	0	21.71	21.71	21.81	22.5	2		
5	64QAM	1	12	21.81	21.88	21.74				
5	64QAM	1	24	21.66	21.65	21.71				
5	64QAM	12	0	20.39	20.36	20.40	21.5	3		
5	64QAM	12	7	20.55	20.46	20.35				
5	64QAM	12	13	20.48	20.39	20.48				
5	64QAM	25	0	20.44	20.39	20.42	21.5	3		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				700.5	707.5	714.5	24.5	0		
3	QPSK	1	0	23.58	23.63	23.68				
3	QPSK	1	8	23.53	23.59	23.44				
3	QPSK	1	14	23.56	23.35	23.37	23.5	1		
3	QPSK	8	0	22.43	22.59	22.48				
3	QPSK	8	4	22.46	22.42	22.45				
3	QPSK	8	7	22.49	22.55	22.43	23.5	1		
3	QPSK	15	0	22.48	22.49	22.40				
3	16QAM	1	0	22.91	22.57	22.96				
3	16QAM	1	8	22.91	22.65	22.68	23.5	1		
3	16QAM	1	14	22.93	22.66	22.55				
3	16QAM	8	0	21.47	21.53	21.43				
3	16QAM	8	4	21.42	21.46	21.30	22.5	2		
3	16QAM	8	7	21.55	21.43	21.41				
3	16QAM	15	0	21.49	21.50	21.39				
3	64QAM	1	0	21.64	21.67	21.81	22.5	2		
3	64QAM	1	8	21.81	21.83	21.74				
3	64QAM	1	14	21.68	21.66	21.83				
3	64QAM	8	0	20.52	20.40	20.43	21.5	3		
3	64QAM	8	4	20.48	20.48	20.34				
3	64QAM	8	7	20.43	20.41	20.43				
3	64QAM	15	0	20.40	20.49	20.35	21.5	3		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				699.7	707.5	715.3	24.5	0		
1.4	QPSK	1	0	23.56	23.60	23.67				
1.4	QPSK	1	3	23.57	23.60	23.40				
1.4	QPSK	1	5	23.51	23.41	23.25	23.5	1		
1.4	QPSK	3	0	23.65	23.66	23.67				
1.4	QPSK	3	1	23.53	23.62	23.48				
1.4	QPSK	3	3	23.57	23.42	23.27	23.5	1		
1.4	QPSK	6	0	22.39	22.47	22.43				
1.4	16QAM	1	0	22.93	22.51	22.88				
1.4	16QAM	1	3	22.80	22.55	22.61	23.5	1		
1.4	16QAM	1	5	22.87	22.64	22.50				
1.4	16QAM	3	0	22.89	22.48	22.93				
1.4	16QAM	3	1	22.93	22.59	22.63	22.5	2		
1.4	16QAM	3	3	22.85	22.62	22.56				
1.4	16QAM	6	0	21.52	21.51	21.37				
1.4	64QAM	1	0	21.70	21.69	21.79	22.5	2		
1.4	64QAM	1	3	21.74	21.82	21.67				
1.4	64QAM	1	5	21.59	21.56	21.82				
1.4	64QAM	3	0	21.70	21.63	21.79	21.5	3		
1.4	64QAM	3	1	21.79	21.81	21.72				
1.4	64QAM	3	3	21.63	21.54	21.73				
1.4	64QAM	6	0	20.52	20.45	20.44	21.5	3		

Band 17_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)		
Channel				23780	23790	23800	24.5			
Frequency (MHz)				709	710	711				
10	QPSK	1	0	23.35	23.40	23.38				
10	QPSK	1	25	23.33	23.36	23.20	23.5	1		
10	QPSK	1	49	23.30	23.23	23.34				
10	QPSK	25	0	22.31	22.33	22.25				
10	QPSK	25	12	22.25	22.31	22.25	23.5	1		
10	QPSK	25	25	22.29	22.21	22.25				
10	QPSK	50	0	22.23	22.25	22.21				
10	16QAM	1	0	22.45	22.25	22.50	23.5	1		
10	16QAM	1	25	22.58	22.41	22.60				
10	16QAM	1	49	22.43	22.42	22.61				
10	16QAM	25	0	21.19	21.21	21.19	22.5	2		
10	16QAM	25	12	21.18	21.32	21.23				
10	16QAM	25	25	21.22	21.27	21.18				
10	16QAM	50	0	21.20	21.29	21.19	22.5	2		
10	64QAM	1	0	21.46	21.32	21.38				
10	64QAM	1	25	21.40	21.52	21.54				
10	64QAM	1	49	21.52	21.34	21.56	21.5	3		
10	64QAM	25	0	20.30	20.16	20.25				
10	64QAM	25	12	20.23	20.22	20.29				
10	64QAM	25	25	20.32	20.22	20.26	21.5	3		
10	64QAM	50	0	20.23	20.20	20.24				
Channel				23755	23790	23825				
Frequency (MHz)				700.5	710	713.5				
5	QPSK	1	0	23.35	23.35	23.24	24.5	0		
5	QPSK	1	12	23.29	23.25	23.09				
5	QPSK	1	24	23.26	23.10	23.23				
5	QPSK	12	0	22.26	22.18	22.22	23.5	1		
5	QPSK	12	7	22.16	22.27	22.18				
5	QPSK	12	13	22.16	22.18	22.22				
5	QPSK	25	0	22.17	22.23	22.12	23.5	1		
5	16QAM	1	0	22.39	22.17	22.48				
5	16QAM	1	12	22.57	22.40	22.56				
5	16QAM	1	24	22.42	22.36	22.46	22.5	2		
5	16QAM	12	0	21.12	21.14	21.07				
5	16QAM	12	7	21.12	21.19	21.11				
5	16QAM	12	13	21.11	21.15	21.09	22.5	2		
5	16QAM	25	0	21.14	21.24	21.12				
5	64QAM	1	0	21.45	21.20	21.33				
5	64QAM	1	12	21.29	21.40	21.44	22.5	2		
5	64QAM	1	24	21.44	21.27	21.56				
5	64QAM	12	0	20.13	20.09	20.13				
5	64QAM	12	7	20.21	20.10	20.28	21.5	3		
5	64QAM	12	13	20.23	20.19	20.24				
5	64QAM	25	0	20.17	20.06	20.13				

Band 26(FCC)_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.82	23.92	23.85	24.5	0	
15	QPSK	1	37	23.72	23.88	23.82			
15	QPSK	1	74	23.77	23.89	23.79			
15	QPSK	36	0	22.77	22.88	22.82	23.5	1	
15	QPSK	36	20	22.71	22.83	22.78			
15	QPSK	36	39	22.74	22.82	22.75			
15	QPSK	75	0	22.71	22.84	22.80	23.5	1	
15	16QAM	1	0	22.99	23.05	23.11			
15	16QAM	1	37	22.80	23.08	22.90			
15	16QAM	1	74	23.00	23.02	23.10	22.5	2	
15	16QAM	36	0	21.65	21.78	21.86			
15	16QAM	36	20	21.76	21.83	21.94			
15	16QAM	36	39	21.76	21.86	21.83	22.5	2	
15	16QAM	75	0	21.75	21.87	21.91			
15	64QAM	1	0	21.90	22.11	22.08			
15	64QAM	1	37	22.08	21.94	22.05	21.5	3	
15	64QAM	1	74	22.13	22.15	22.06			
15	64QAM	36	0	20.77	20.77	20.90			
15	64QAM	36	20	20.74	20.82	20.87	21.5	3	
15	64QAM	36	39	20.82	20.84	20.90			
15	64QAM	75	0	20.73	20.84	20.88			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.75	23.83	23.77	24.5	0	
10	QPSK	1	25	23.64	23.84	23.68			
10	QPSK	1	49	23.63	23.83	23.69			
10	QPSK	25	0	22.68	22.76	22.67	23.5	1	
10	QPSK	25	12	22.68	22.78	22.65			
10	QPSK	25	25	22.73	22.79	22.73			
10	QPSK	50	0	22.59	22.80	22.68	23.5	1	
10	16QAM	1	0	22.95	23.03	23.10			
10	16QAM	1	25	22.70	23.03	22.76			
10	16QAM	1	49	22.99	23.01	23.05	22.5	2	
10	16QAM	25	0	21.52	21.67	21.75			
10	16QAM	25	12	21.69	21.69	21.87			
10	16QAM	25	25	21.65	21.71	21.71	22.5	2	
10	16QAM	50	0	21.74	21.73	21.88			
10	64QAM	1	0	21.89	22.04	22.00			
10	64QAM	1	25	21.98	21.92	21.97	22.5	2	
10	64QAM	1	49	22.00	22.05	22.03			
10	64QAM	25	0	20.70	20.62	20.80			
10	64QAM	25	12	20.61	20.70	20.84	21.5	3	
10	64QAM	25	25	20.71	20.79	20.85			
10	64QAM	50	0	20.65	20.77	20.74			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5 <th>831.5</th> <th>846.5</th> <th></th> <th colspan="2"></th>	831.5	846.5			
5	QPSK	1	0	23.79	23.90	23.77	24.5	0	
5	QPSK	1	12	23.70	23.86	23.81			
5	QPSK	1	24	23.75	23.81	23.66			
5	QPSK	12	0	22.63	22.78	22.72	23.5	1	
5	QPSK	12	7	22.61	22.88	22.66			
5	QPSK	12	13	22.71	22.68	22.71			
5	QPSK	25	0	22.61	22.82	22.78	23.5	1	
5	16QAM	1	0	22.96	22.96	23.06			
5	16QAM	1	12	22.69	22.99	22.75			
5	16QAM	1	24	22.91	22.92	23.06	22.5	2	
5	16QAM	12	0	21.60	21.64	21.80			
5	16QAM	12	7	21.67	21.68	21.89			
5	16QAM	12	13	21.71	21.85	21.76	22.5	2	
5	16QAM	25	0	21.66	21.76	21.89			
5	64QAM	1	0	21.76	22.00	22.05			
5	64QAM	1	12	22.04	21.81	21.94	22.5	2	
5	64QAM	1	24	22.05	22.09	22.04			
5	64QAM	12	0	20.67	20.72	20.85			
5	64QAM	12	7	20.73	20.79	20.78	21.5	3	
5	64QAM	12	13	20.74	20.78	20.80			
5	64QAM	25	0	20.72	20.83	20.80			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5 <th>831.5</th> <th>847.5</th> <th></th> <th colspan="2"></th>	831.5	847.5			
3	QPSK	1	0	23.72	23.84	23.79	24.5	0	
3	QPSK	1	8	23.61	23.82	23.72			
3	QPSK	1	14	23.70	23.88	23.73			
3	QPSK	8	0	22.75	22.85	22.71	23.5	1	
3	QPSK	8	4	22.63	22.76	22.75			
3	QPSK	8	7	22.59	22.69	22.68			
3	QPSK	15	0	22.70	22.80	22.76	23.5	1	
3	16QAM	1	0	22.85	23.03	23.09			
3	16QAM	1	8	22.67	22.98	22.85			
3	16QAM	1	14	22.88	22.68	22.97	22.5	2	
3	16QAM	8	0	21.50	21.63	21.79			
3	16QAM	8	4	21.69	21.68	21.93			
3	16QAM	8	7	21.66	21.73	21.76	22.5	2	
3	16QAM	15	0	21.63	21.73	21.78			
3	64QAM	1	0	21.82	21.98	21.99			
3	64QAM	1	8	21.98	21.84	21.95	22.5	2	
3	64QAM	1	14	22.00	22.08	22.00			
3	64QAM	8	0	20.62	20.62	20.78			
3	64QAM	8	4	20.61	20.81	20.78	21.5	3	
3	64QAM	8	7	20.71	20.74	20.80			
3	64QAM	15	0	20.72	20.73	20.84			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.73	23.80	23.77	24.5	0	
1.4	QPSK	1	3	23.59	23.79	23.73			
1.4	QPSK	1	5	23.65	23.74	23.75			
1.4	QPSK	3	0	23.72	23.77	23.77	23.5	1	
1.4	QPSK	3	1	23.63	23.78	23.72			
1.4	QPSK	3	3	23.63	23.82	23.77			
1.4	QPSK	6	0	22.64	22.70	22.76	23.5	1	
1.4	16QAM	1	0	22.87	23.02	23.03			
1.4	16QAM	1	3	22.65	22.94	22.88			
1.4	16QAM	1	5	22.99	22.89	22.97	23.5	1	
1.4	16QAM	3	0	22.95	22.94	23.10			
1.4	16QAM	3	1	22.68	23.03	22.79			
1.4	16QAM	3	3	22.94	22.93	22.97	22.5	2	
1.4	16QAM	6	0	21.71	21.75	21.81			
1.4	64QAM	1	0	21.81	21.97	22.04			
1.4	64QAM	1	3	22.00	21.87	22.00	22.5	2	
1.4	64QAM	1	5	22.01	22.08	22.01			
1.4	64QAM	3	0	21.89	22.07	21.98			
1.4	64QAM	3	1	21.94	21.87	21.93	21.5	3	
1.4	64QAM	3	3	22.10	22.09	21.97			
1.4	64QAM	6	0	20.68	20.73	20.80			

Band 26(FCC)_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	22.63	22.71	22.66	23.5	0	
15	QPSK	1	37	22.51	22.62	22.63			
15	QPSK	1	74	22.56	22.60	22.61			
15	QPSK	36	0	22.62	22.66	22.55	23.5	0	
15	QPSK	36	20	22.60	22.51	22.53			
15	QPSK	36	39	22.53	22.46	22.48			
15	QPSK	75	0	22.60	22.62	22.58	23.5	0	
15	16QAM	1	0	22.55	22.57	22.52			
15	16QAM	1	37	22.48	22.67	22.63			
15	16QAM	1	74	22.54	22.57	22.53	22.5	1	
15	16QAM	36	0	21.64	21.53	21.45			
15	16QAM	36	20	21.67	21.47	21.51			
15	16QAM	36	39	21.53	21.47	21.55	22.5	1	
15	16QAM	75	0	21.57	21.48	21.59			
15	64QAM	1	0	21.63	21.37	21.32			
15	64QAM	1	37	21.62	21.60	21.57	21.5	2	
15	64QAM	1	74	21.59	21.56	21.60			
15	64QAM	36	0	20.60	20.52	20.54			
15	64QAM	36	20	20.60	20.49	20.57	21.5	2	
15	64QAM	36	39	20.51	20.55	20.58			
15	64QAM	75	0	20.55	20.48	20.57			
Channel				26740	26865	26990	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	22.61	22.62	22.63	23.5	0	
10	QPSK	1	25	22.36	22.47	22.59			
10	QPSK	1	49	22.38	22.53	22.59			
10	QPSK	25	0	22.59	22.53	22.47	23.5	0	
10	QPSK	25	12	22.56	22.43	22.53			
10	QPSK	25	25	22.45	22.37	22.44			
10	QPSK	50	0	22.46	22.48	22.44	23.5	0	
10	16QAM	1	0	22.51	22.51	22.54			
10	16QAM	1	25	22.36	22.61	22.52			
10	16QAM	1	49	22.48	22.53	22.54	22.5	1	
10	16QAM	25	0	21.46	21.52	21.38			
10	16QAM	25	12	21.56	21.36	21.44			
10	16QAM	25	25	21.52	21.45	21.44	22.5	1	
10	16QAM	50	0	21.42	21.47	21.49			
10	64QAM	1	0	21.51	21.33	21.41			
10	64QAM	1	25	21.52	21.46	21.42	22.5	1	
10	64QAM	1	49	21.56	21.51	21.45			
10	64QAM	25	0	20.45	20.47	20.46			
10	64QAM	25	12	20.49	20.35	20.43	21.5	2	
10	64QAM	25	25	20.46	20.36	20.46			
10	64QAM	50	0	20.42	20.44	20.43			
Channel				26715	26865	27015	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	22.60	22.63	22.59	23.5	0	
5	QPSK	1	12	22.43	22.55	22.48			
5	QPSK	1	24	22.47	22.52	22.47			
5	QPSK	12	0	22.49	22.53	22.44	23.5	0	
5	QPSK	12	7	22.56	22.40	22.47			
5	QPSK	12	13	22.42	22.32	22.37			
5	QPSK	25	0	22.46	22.61	22.56	23.5	0	
5	16QAM	1	0	22.43	22.50	22.50			
5	16QAM	1	12	22.45	22.64	22.50			
5	16QAM	1	24	22.49	22.49	22.45	22.5	1	
5	16QAM	12	0	21.55	21.39	21.43			
5	16QAM	12	7	21.55	21.40	21.48			
5	16QAM	12	13	21.43	21.45	21.51	22.5	1	
5	16QAM	25	0	21.43	21.45	21.45			
5	64QAM	1	0	21.51	21.24	21.43			
5	64QAM	1	12	21.45	21.52	21.43	22.5	1	
5	64QAM	1	24	21.45	21.43	21.49			
5	64QAM	12	0	20.59	20.38	20.39			
5	64QAM	12	7	20.59	20.34	20.43	21.5	2	
5	64QAM	12	13	20.39	20.46	20.48			
5	64QAM	25	0	20.50	20.46	20.55			
Channel				26705	26865	27025	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	22.53	22.66	22.52	23.5	0	
3	QPSK	1	8	22.47	22.48	22.51			
3	QPSK	1	14	22.41	22.46	22.51			
3	QPSK	8	0	22.51	22.56	22.53	23.5	0	
3	QPSK	8	7	22.54	22.44	22.51			
3	QPSK	8	14	22.42	22.31	22.46			
3	QPSK	15	0	22.51	22.57	22.48	23.5	0	
3	16QAM	1	0	22.40	22.49	22.54			
3	16QAM	1	8	22.36	22.54	22.50			
3	16QAM	1	14	22.48	22.54	22.42	22.5	1	
3	16QAM	8	0	21.53	21.40	21.42			
3	16QAM	8	4	21.55	21.45	21.36			
3	16QAM	8	7	21.49	21.31	21.42	22.5	1	
3	16QAM	15	0	21.44	21.37	21.45			
3	64QAM	1	0	21.48	21.31	21.51			
3	64QAM	1	8	21.56	21.56	21.44	21.5	2	
3	64QAM	1	14	21.46	21.53	21.49			
3	64QAM	8	0	20.48	20.49	20.47			
3	64QAM	8	4	20.46	20.47	20.49	21.5	2	
3	64QAM	8	7	20.42	20.53	20.55			
3	64QAM	15	0	20.44	20.37	20.52			
Channel				26697	26865	27033	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	22.47	22.70	22.65	23.5	0	
1.4	QPSK	1	3	22.47	22.52	22.48			
1.4	QPSK	1	5	22.43	22.54	22.60			
1.4	QPSK	3	0	22.58	22.61	22.54	23.5	0	
1.4	QPSK	3	1	22.37	22.58	22.55			
1.4	QPSK	3	3	22.51	22.45	22.49			
1.4	16QAM	1	0	22.52	22.52	22.51	23.5	0	
1.4	16QAM	1	0	22.51	22.42	22.44			
1.4	16QAM	1	3	22.52	22.33	22.38			
1.4	16QAM	1	5	22.51	22.51	22.53	22.5	1	
1.4	16QAM	3	0	22.45	22.44	22.59			
1.4	16QAM	3	1	22.35	22.53	22.51			
1.4	16QAM	3	3	22.49	22.47	22.40	22.5	1	
1.4	16QAM	6	0	21.55	21.36	21.46			
1.4	64QAM	1	0	21.53	21.29	21.42			
1.4	64QAM	1	3	21.57	21.59	21.55	22.5	1	
1.4	64QAM	5	0	21.58	21.55	21.48			
1.4	64QAM	3	3	21.51	21.51	21.59			
1.4	64QAM	3	1	21.53	21.54	21.52	21.5	2	
1.4	64QAM	3	3	21.51	21.41	21.55			
1.4	64QAM	6	0	20.48	20.43	20.49			

Band 66_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	23.47	23.45	23.45	24.5	0	
20	QPSK	1	49	23.38	23.39	23.40			
20	QPSK	1	99	23.11	23.29	23.21			
20	QPSK	50	0	22.45	22.46	22.38	23.5	1	
20	QPSK	50	24	22.44	22.39	22.34			
20	QPSK	50	50	22.37	22.31	22.35			
20	QPSK	100	0	22.35	22.43	22.33	23.5	1	
20	16QAM	1	0	22.58	22.46	22.66			
20	16QAM	1	49	22.65	22.30	22.60			
20	16QAM	1	99	22.40	22.46	22.57	22.5	2	
20	16QAM	50	0	21.41	21.42	21.41			
20	16QAM	50	24	21.47	21.42	21.30			
20	16QAM	50	50	21.32	21.32	21.30	22.5	2	
20	16QAM	100	0	21.38	21.33	21.31			
20	64QAM	1	0	21.51	21.58	21.53			
20	64QAM	1	49	21.71	21.70	21.60	22.5	2	
20	64QAM	1	99	21.50	21.49	21.55			
20	64QAM	50	0	20.49	20.42	20.39			
20	64QAM	50	24	20.40	20.39	20.37	21.5	3	
20	64QAM	50	50	20.35	20.37	20.38			
20	64QAM	100	0	20.37	20.36	20.40			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	23.38	23.36	23.42			
15	QPSK	1	37	23.34	23.33	23.30			
15	QPSK	1	74	23.04	23.18	23.16			
15	QPSK	36	0	22.33	22.32	22.32	23.5	1	
15	QPSK	36	20	22.34	22.36	22.32			
15	QPSK	36	39	22.34	22.29	22.20			
15	QPSK	75	0	22.31	22.40	22.19	23.5	1	
15	16QAM	1	0	22.47	22.33	22.56			
15	16QAM	1	37	22.55	22.15	22.58			
15	16QAM	1	74	22.35	22.45	22.53	22.5	2	
15	16QAM	36	0	21.29	21.35	21.26			
15	16QAM	36	20	21.46	21.30	21.15			
15	16QAM	36	39	21.30	21.29	21.29	22.5	2	
15	16QAM	75	0	21.33	21.20	21.29			
15	64QAM	1	0	21.37	21.48	21.40			
15	64QAM	1	37	21.63	21.55	21.46	22.5	2	
15	64QAM	1	74	21.41	21.44	21.52			
15	64QAM	36	0	20.34	20.33	20.36			
15	64QAM	36	20	20.33	20.25	20.22	21.5	3	
15	64QAM	36	39	20.23	20.31	20.27			
15	64QAM	75	0	20.32	20.25	20.29			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.36	23.39	23.31			
10	QPSK	1	25	23.31	23.36	23.32			
10	QPSK	1	49	23.07	23.14	23.17			
10	QPSK	25	0	22.44	22.33	22.27	23.5	1	
10	QPSK	25	12	22.30	22.36	22.28			
10	QPSK	25	25	22.24	22.26	22.34			
10	QPSK	50	0	22.32	22.36	22.18	23.5	1	
10	16QAM	1	0	22.48	22.43	22.55			
10	16QAM	1	25	22.54	22.15	22.54			
10	16QAM	1	49	22.37	22.45	22.45	22.5	2	
10	16QAM	25	0	21.34	21.40	21.30			
10	16QAM	25	12	21.39	21.41	21.24			
10	16QAM	25	25	21.28	21.26	21.29	21.5	3	
10	16QAM	50	0	21.27	21.29	21.20			
10	64QAM	1	0	21.46	21.55	21.44			
10	64QAM	1	25	21.62	21.61	21.54	22.5	2	
10	64QAM	1	49	21.39	21.40	21.48			
10	64QAM	25	0	20.44	20.35	20.31			
10	64QAM	25	12	20.39	20.24	20.36	21.5	3	
10	64QAM	25	25	20.25	20.28	20.23			
10	64QAM	50	0	20.34	20.27	20.20			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.33	23.33	23.43			
5	QPSK	1	12	23.24	23.29	23.36			
5	QPSK	1	24	23.05	23.19	23.17			
5	QPSK	12	0	22.34	22.34	22.24	23.5	1	
5	QPSK	12	7	22.41	22.24	22.25			
5	QPSK	12	13	22.32	22.25	22.26			
5	QPSK	25	0	22.24	22.39	22.19	23.5	1	
5	16QAM	1	0	22.51	22.39	22.56			
5	16QAM	1	12	22.59	22.25	22.48			
5	16QAM	1	24	22.27	22.40	22.55	22.5	2	
5	16QAM	12	0	21.29	21.27	21.31			
5	16QAM	12	7	21.45	21.39	21.26			
5	16QAM	12	13	21.21	21.30	21.27	22.5	2	
5	16QAM	25	0	21.25	21.23	21.25			
5	64QAM	1	0	21.46	21.48	21.49			
5	64QAM	1	12	21.61	21.66	21.53	22.5	2	
5	64QAM	1	24	21.38	21.37	21.40			
5	64QAM	12	0	20.46	20.29	20.27			
5	64QAM	12	7	20.29	20.34	20.24	21.5	3	
5	64QAM	12	13	20.21	20.22	20.25			
5	64QAM	25	0	20.33	20.35	20.32			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.42	23.37	23.39			
3	QPSK	1	8	23.24	23.34	23.33			
3	QPSK	1	14	23.10	23.16	23.07			
3	QPSK	8	0	22.36	22.33	22.28	23.5	1	
3	QPSK	8	4	22.31	22.25	22.24			
3	QPSK	8	7	22.31	22.21	22.25			
3	QPSK	15	0	22.29	22.30	22.23	23.5	1	
3	16QAM	1	0	22.49	22.35	22.52			
3	16QAM	1	8	22.63	22.25	22.55			
3	16QAM	1	14	22.25	22.42	22.42	22.5	2	
3	16QAM	8	0	21.26	21.38	21.31			
3	16QAM	8	4	21.35	21.28	21.14			
3	16QAM	8	7	21.22	21.31	21.17	22.5	2	
3	16QAM	15	0	21.34	21.29	21.23			
3	64QAM	1	0	21.40	21.49	21.44			
3	64QAM	1	8	21.58	21.58	21.53	22.5	2	
3	64QAM	1	14	21.36	21.35	21.51			
3	64QAM	8	0	20.48	20.41	20.29			
3	64QAM	8	4	20.29	20.36	20.30	21.5	3	
3	64QAM	8	7	20.34	20.30	20.23			
3	64QAM	15	0	20.26	20.25	20.30			
Channel				131919	132322	132685	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	23.41	23.38	23.39			
1.4	QPSK	1	3	23.30	23.33	23.36			
1.4	QPSK	1	5	23.08	23.28	23.14			
1.4	QPSK	3	0	22.41	22.45	22.36	23.5	1	
1.4	QPSK	3	1	23.32	23.24	23.35			
1.4	QPSK	3	3	22.97	23.26	23.15			
1.4	QPSK	6	0	22.29	22.29	22.20	23.5	1	
1.4	16QAM	1	0	22.53	22.42	22.55			
1.4	16QAM	1	3	22.52	22.15	22.56			
1.4	16QAM			22.51	22.35	22.55	23.5	1	
1.4	16QAM	3	0	22.45	22.40	22.44			
1.4	16QAM	3	1	22.55	22.26	22.58			
1.4	16QAM	3	3	22.35	22.39	22.42	22.5	2	
1.4	16QAM	6	0	21.24	21.29	21.23			
1.4	64QAM	1	0	21.43	21.45	21.41			
1.4	64QAM	1	3	21.68	21.69	21.54	22.5	2	
1.4	64QAM	1	5	21.38	21.41	21.42			
1.4	64QAM	3	0	21.47	21.57	21.52			
1.4	64QAM	3	1	21.64	21.58	21.49	21.5	3	
1.4	64QAM	3	3	21.64	21.47	21.49			
1.4	64QAM	6	0	20.29	20.27	20.34			

LTE Band 71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.62	23.69	23.55	24.5	0	
20	QPSK	1	49	23.49	23.50	23.53			
20	QPSK	1	99	23.58	23.59	23.47			
20	QPSK	50	0	22.69	22.71	22.57	23.5	1	
20	QPSK	50	24	22.64	22.63	22.53			
20	QPSK	50	50	22.61	22.64	22.55			
20	QPSK	100	0	22.61	22.69	22.53	23.5	1	
20	16QAM	1	0	22.85	22.92	22.84			
20	16QAM	1	49	22.82	22.88	22.74			
20	16QAM	1	99	22.77	22.79	22.69	22.5	2	
20	16QAM	50	0	21.75	21.62	21.52			
20	16QAM	50	24	21.63	21.59	21.59			
20	16QAM	50	50	21.65	21.62	21.54	22.5	2	
20	16QAM	100	0	21.65	21.57	21.52			
20	64QAM	1	0	21.69	21.73	21.73			
20	64QAM	1	49	21.87	21.71	21.66	22.5	2	
20	64QAM	1	99	21.63	21.72	21.62			
20	64QAM	50	0	20.68	20.62	20.51			
20	64QAM	50	24	20.66	20.64	20.61	21.5	3	
20	64QAM	50	50	20.69	20.64	20.58			
20	64QAM	100	0	20.64	20.64	20.55			
Channel				133197	133297	133397	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.51	23.45	23.48	24.5	0	
15	QPSK	1	37	23.36	23.33	23.48			
15	QPSK	1	74	23.50	23.51	23.25			
15	QPSK	36	0	22.50	22.54	22.52	23.5	1	
15	QPSK	36	20	22.48	22.45	22.30			
15	QPSK	36	39	22.44	22.54	22.41			
15	QPSK	75	0	22.43	22.60	22.42	23.5	1	
15	16QAM	1	0	22.64	22.79	22.79			
15	16QAM	1	37	22.76	22.69	22.56			
15	16QAM	1	74	22.53	22.56	22.46	22.5	2	
15	16QAM	36	0	21.57	21.49	21.35			
15	16QAM	36	20	21.45	21.54	21.47			
15	16QAM	36	39	21.51	21.56	21.41	22.5	2	
15	16QAM	75	0	21.46	21.42	21.36			
15	64QAM	1	0	21.53	21.62	21.61			
15	64QAM	1	37	21.62	21.55	21.53	22.5	2	
15	64QAM	1	74	21.54	21.63	21.51			
15	64QAM	36	0	20.44	20.37	20.44			
15	64QAM	36	20	20.50	20.54	20.50	21.5	3	
15	64QAM	36	39	20.53	20.43	20.39			
15	64QAM	75	0	20.52	20.41	20.35			
Channel				133172	133297	133422	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	0	23.56	23.47	23.48	24.5	0	
10	QPSK	1	25	23.27	23.32	23.42			
10	QPSK	1	49	23.34	23.51	23.27			
10	QPSK	25	0	22.51	22.63	22.40	23.5	1	
10	QPSK	25	12	22.46	22.41	22.46			
10	QPSK	25	25	22.36	22.55	22.35			
10	QPSK	50	0	22.41	22.47	22.44	23.5	1	
10	16QAM	1	0	22.79	22.69	22.77			
10	16QAM	1	25	22.73	22.70	22.57			
10	16QAM	1	49	22.53	22.64	22.48	22.5	2	
10	16QAM	25	0	21.52	21.53	21.36			
10	16QAM	25	12	21.43	21.36	21.39			
10	16QAM	25	25	21.53	21.54	21.40	22.5	2	
10	16QAM	50	0	21.59	21.49	21.32			
10	64QAM	1	0	21.55	21.59	21.62			
10	64QAM	1	25	21.79	21.64	21.50	22.5	2	
10	64QAM	1	49	21.49	21.51	21.55			
10	64QAM	25	0	20.54	20.39	20.35			
10	64QAM	25	12	20.41	20.42	20.50	21.5	3	
10	64QAM	25	25	20.50	20.50	20.44			
10	64QAM	50	0	20.54	20.46	20.45			
Channel				133147	133297	133447	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	23.53	23.56	23.34	24.5	0	
5	QPSK	1	12	23.43	23.45	23.48			
5	QPSK	1	24	23.43	23.43	23.42			
5	QPSK	12	0	22.63	22.51	22.36	23.5	1	
5	QPSK	12	7	22.44	22.47	22.44			
5	QPSK	12	13	22.41	22.53	22.37			
5	QPSK	25	0	22.47	22.62	22.29	23.5	1	
5	16QAM	1	0	22.76	22.76	22.60			
5	16QAM	1	12	22.66	22.76	22.62			
5	16QAM	1	24	22.71	22.54	22.47	22.5	2	
5	16QAM	12	0	21.50	21.46	21.45			
5	16QAM	12	7	21.46	21.53	21.47			
5	16QAM	12	13	21.60	21.50	21.43	22.5	2	
5	16QAM	25	0	21.49	21.48	21.39			
5	64QAM	1	0	21.60	21.59	21.50			
5	64QAM	1	12	21.74	21.46	21.52	22.5	2	
5	64QAM	1	24	21.51	21.56	21.46			
5	64QAM	12	0	20.63	20.47	20.35			
5	64QAM	12	7	20.56	20.50	20.37	21.5	3	
5	64QAM	12	13	20.44	20.59	20.35			
5	64QAM	25	0	20.57	20.58	20.47			

Band 38_Ant 1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./F.Freq.	Power Middle Ch./F.Freq.	Power High Ch./F.Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				37850	38000	38150					
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	18.40	18.47	18.35	19.5	0			
20	QPSK	1	49	18.39	18.39	18.28					
20	QPSK	1	99	18.39	18.38	18.29					
20	QPSK	36	0	18.38	18.45	18.35					
20	QPSK	50	24	18.34	18.42	18.28	19.5	0			
20	QPSK	50	50	18.36	18.44	18.30					
20	QPSK	100	0	18.32	18.34	18.30					
20	16QAM	1	0	18.25	18.40	18.34					
20	16QAM	1	49	18.38	18.43	18.27	19.5	0			
20	16QAM	1	99	18.25	18.45	18.31					
20	16QAM	50	0	18.29	18.36	18.22					
20	16QAM	50	24	18.35	18.39	18.22					
20	16QAM	100	0	18.35	18.45	18.27	19.5	0			
20	64QAM	1	0	18.31	18.33	18.28					
20	64QAM	1	49	18.32	18.35	18.23					
20	64QAM	1	99	18.32	18.35	18.20					
20	64QAM	50	0	18.24	18.41	18.28	19.5	0			
20	64QAM	50	24	18.33	18.35	18.25					
20	64QAM	50	50	18.37	18.41	18.33					
20	64QAM	100	0	18.25	18.37	18.33					
Channel				37850	38000	38175					
Frequency (MHz)				2572.5	2595	2612.5					
15	QPSK	1	0	18.30	18.35	18.33	19.5	0			
15	QPSK	1	37	18.31	18.24	18.20					
15	QPSK	1	74	18.25	18.29	18.28					
15	QPSK	36	0	18.35	18.34	18.21					
15	QPSK	36	0	18.27	18.35	18.29	19.5	0			
15	QPSK	36	39	18.29	18.33	18.22					
15	QPSK	75	0	18.27	18.29	18.25					
15	16QAM	1	0	18.17	18.34	18.22					
15	16QAM	1	37	18.29	18.35	18.19	19.5	0			
15	16QAM	1	74	18.24	18.38	18.27					
15	16QAM	36	0	18.16	18.34	18.10					
15	16QAM	36	20	18.34	18.29	18.21					
15	16QAM	36	39	18.33	18.35	18.15	19.5	0			
15	16QAM	75	0	18.31	18.36	18.12					
15	64QAM	1	0	18.16	18.31	18.20					
15	64QAM	1	37	18.26	18.28	18.14					
15	64QAM	1	74	18.22	18.22	18.05	19.5	0			
15	64QAM	36	0	18.17	18.43	18.06					
15	64QAM	36	20	18.20	18.25	18.12					
15	64QAM	36	39	18.35	18.35	18.29					
15	64QAM	75	0	18.14	18.35	18.26	19.5	0			
Channel				37800	38000	38200					
Frequency (MHz)				2575	2595	2615					
10	QPSK	1	0	18.26	18.42	18.22	19.5	0			
10	QPSK	1	25	18.24	18.26	18.16					
10	QPSK	1	49	18.37	18.35	18.21					
10	QPSK	25	0	18.31	18.44	18.20					
10	QPSK	25	12	18.24	18.35	18.13	19.5	0			
10	QPSK	25	25	18.29	18.34	18.17					
10	QPSK	50	0	18.23	18.27	18.16					
10	16QAM	1	0	18.22	18.26	18.24					
10	16QAM	1	25	18.34	18.36	18.16	19.5	0			
10	16QAM	1	49	18.20	18.39	18.27					
10	16QAM	25	0	18.19	18.30	18.21					
10	16QAM	25	12	18.25	18.37	18.13					
10	16QAM	25	25	18.21	18.34	18.18	19.5	0			
10	16QAM	50	0	18.27	18.42	18.12					
10	64QAM	1	0	18.26	18.32	18.16					
10	64QAM	1	25	18.29	18.27	18.13					
10	64QAM	1	49	18.21	18.21	18.09	19.5	0			
10	64QAM	25	0	18.25	18.34	18.18					
10	64QAM	25	12	18.27	18.23	18.18					
10	64QAM	25	25	18.24	18.37	18.24					
10	64QAM	50	0	18.10	18.35	18.22	19.5	0			
Channel				37775	38000	38225					
Frequency (MHz)				2572.5	2595	2617.5					
5	QPSK	1	0	18.25	18.43	18.22	19.5	0			
5	QPSK	1	12	18.27	18.28	18.20					
5	QPSK	1	24	18.29	18.27	18.21					
5	QPSK	12	0	18.28	18.30	18.24					
5	QPSK	12	7	18.19	18.34	18.26	19.5	0			
5	QPSK	12	13	18.28	18.37	18.18					
5	QPSK	25	0	18.27	18.30	18.24					
5	16QAM	1	0	18.10	18.38	18.31					
5	16QAM	1	12	18.27	18.28	18.14	19.5	0			
5	16QAM	1	24	18.20	18.38	18.19					
5	16QAM	12	0	18.25	18.26	18.08					
5	16QAM	12	7	18.34	18.33	18.20					
5	16QAM	12	13	18.33	18.33	18.24	19.5	0			
5	16QAM	25	0	18.24	18.44	18.18					
5	64QAM	1	0	18.30	18.29	18.26					
5	64QAM	1	12	18.22	18.30	18.11					
5	64QAM	1	24	18.22	18.33	18.15	19.5	0			
5	64QAM	12	0	18.21	18.34	18.28					
5	64QAM	12	7	18.29	18.21	18.14					
5	64QAM	12	13	18.29	18.33	18.22					
5	64QAM	25	0	18.16	18.36	18.30	19.5	0			

Band 38_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./F.Freq.	Power Middle Ch./F.Freq.	Power High Ch./F.Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.09	23.75	23.07	24.5	0	
20	QPSK	1	49	23.52	23.74	23.56			
20	QPSK	1	99	23.58	23.70	23.57			
20	QPSK	36	0	22.45	22.63	22.42			
20	QPSK	50	24	22.51	22.60	22.52	23.5	1	
20	QPSK	50	50	22.50	22.61	22.53			
20	QPSK	100	0	22.53	22.61	22.53			
20	16QAM	1	0	22.58	22.64	22.56			
20	16QAM	1	49	22.87	22.70	22.64	23.5	1	
20	16QAM	1	99	22.80	22.64	22.53			
20	16QAM	50	0	21.57	21.58	21.57			
20	16QAM	50	24	21.57	21.62	21.57			
20	16QAM	100	0	21.60	21.61	21.51	22.5	2	
20	16QAM	100	0	21.56	21.59	21.55			
20	64QAM	1	0	21.35	21.32	21.30			
20	64QAM	1	49	21.30	21.42	21.41			
20	64QAM	1	99	21.43	21.38	21.17	22.5	2	
20	64QAM	50	0	20.56	20.61	20.60			
20	64QAM	50	24	20.59	20.61	20.57			
20	64QAM	50	50	20.63	20.65	20.55			
20	64QAM	100	0	20.60	20.61	20.57	21.5	3	
Channel				37850	38000	38175			
Frequency (MHz)				2572.5	2595	2617.5			
15	QPSK	1	0	23.02	23.63	23.62	24.5	0	
15	QPSK	1	37	23.47	23.62	23.55			
15	QPSK	1	74	23.46	23.55	23.54			
15	QPSK	36	0	22.42	22.50	22.52			
15	QPSK	36	0	22.42	22.52	22.40	23.5	1	
15	QPSK	36	39	22.46	22.52	22.50			
15	QPSK	75	0	22.42	22.56	22.43			
15	16QAM	1	0	22.53	22.59	22.42			
15	16QAM	1	37	22.53	22.59	22.42	23.5	1	
15	16QAM	1	74	22.65	22.60	22.58			
15	16QAM	36	0	21.54	21.51	21.56			
15	16QAM	36	20	21.45	21.54	21.52			
15	16QAM	36	0	21.46	21.54	21.44	22.5	2	
15	16QAM	36	39	21.51	21.50	21.47			
15	64QAM	1	0	21.33	21.22	21.27			
15	64QAM	1	37	21.17	21.29	21.27			
15	64QAM	1	74	21.36	21.21	21.27	22.5	2	
15	64QAM	36	0	20.45	20.51	20.56			
15	64QAM	36	20	20.57	20.60	20.44			
15	64QAM	36	39	20.58	20.64	20.41			
15	64QAM	75	0	20.50	20.56	20.56	21.5	3	
Channel				37850	38000	38175			
Frequency (MHz)				2572.5	2595	2617.5			
10	QPSK	1	0	23.45	23.70	23.65	24.5	0	
10	QPSK	1	25	23.45	23.63	23.47			
10	QPSK	1	49	23.46	23.65	23.49			
10	QPSK	12	0	22.41	22.54	22.43			
10	QPSK	25	12	22.39	22.48	22.45	23.5	1	
10	QPSK	25	25	22.45	22.47	22.49			
10	QPSK	50	0	22.45	22.49	22.44			
10	QPSK	50	25	22.46	22.47	22.41			
10	16QAM	1	25	22.62	22.66	22.56	23.5	1	
10	16QAM	1	49	22.65	22.52	22.46			
10	16QAM	25	0	21.50	21.49	21.56			
10	16QAM	25	12	21.49	21.50	21.55			
10	16QAM	50	25	21.55	21.46	21.49	22.5	2	
10	16QAM	50	0	21.42	21.56	21.40			
10	64QAM	1	0	21.27	21.26	21.28			
10	64QAM	1	25	21.17	21.39	21.32			
10	64QAM	12	0	21.42	21.31	21.02	22.5	2	
10	64QAM	25	0	20.44	20.56	20.47			
10	64QAM	25	12	20.57	20.54	20.48			
10	64QAM	25	25	20.54	20.58	20.52			
10	64QAM	50	0	20.54	20.59	20.54	21.5	3	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	23.52	23.68	23.59	24.5	0	
5	QPSK	1	12	23.51	23.63	23.46			
5	QPSK	12	24	23.48	23.67	23.45			
5	QPSK	12	0	22.51	22.57	22.46			
5	QPSK	12	7	22.47	22.57	22.49	23.5	1	
5	QPSK	12	13	22.43	22.53	22.41			
5	QPSK	25	0	22.39	22.47	22.41			
5	16QAM	1	12	22.42	22.51	22.51			
5	16QAM	1	12	22.64	22.58	22.63	23.5	1	
5	16QAM	1	24	22.65	22.53	22.43			
5	16QAM	12	0	21.52	21.50	21.50			
5	16QAM	12	7	21.52	21.51	21.56			
5	16QAM	12	13	21.56	21.58	21.38	22.5	2	
5	16QAM	25	0	21.44	21.48	21.49			
5	64QAM	1	0	21.20	21.31	21.27			
5	64QAM	1	12	21.19	21.34	21.38			
5	64QAM	1	24	21.37	21.35	21.08	22.5	2	
5	64QAM	12	0	20.50	20.58	20.50			
5	64QAM	12	13	20.51	20.55	20.42			
5	64QAM	25	0	20.56	20.56	20.47			
5	64QAM	25	12	20.45	20.46	20.51	21.5	3	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5			

Band 41_Ant 1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Time-up limit (dBm)	MPR (dB)				
Channel				39750	40185	40620	41055	41490						
Frequency (MHz)				2506	2549.5	2593	2636.5	2680						
20	QPSK	1	0	18.20	18.08	18.52	18.30	18.45	19.5	0				
20	QPSK	1	49	18.17	17.95	18.44	18.20	18.37						
20	QPSK	1	99	18.08	18.07	18.48	18.24	18.43						
20	QPSK	50	0	18.18	18.05	18.49	18.26	18.42						
20	QPSK	50	24	18.17	18.04	18.41	18.25	18.31						
20	QPSK	50	50	18.08	18.02	18.40	18.17	18.40	19.5	0				
20	QPSK	100	0	18.18	17.95	18.42	18.19	18.40						
20	16QAM	1	0	18.12	18.07	18.40	18.22	18.34						
20	16QAM	1	49	18.16	18.04	18.41	18.22	18.43						
20	16QAM	1	99	18.14	18.00	18.41	18.17	18.34						
20	16QAM	50	0	18.09	18.05	18.41	18.20	18.39	19.5	0				
20	16QAM	50	24	18.13	17.93	18.45	18.21	18.42						
20	16QAM	50	50	18.14	18.06	18.44	18.26	18.36						
20	16QAM	100	0	18.19	18.02	18.45	18.28	18.35						
20	64QAM	1	0	18.19	18.05	18.46	18.19	18.33						
20	64QAM	1	49	18.08	17.99	18.48	18.29	18.35	19.5	0				
20	64QAM	1	99	18.18	18.05	18.47	18.22	18.39						
20	64QAM	50	0	18.09	17.95	18.48	18.25	18.37						
20	64QAM	50	24	18.08	17.84	18.41	18.27	18.34						
20	64QAM	50	50	18.12	18.06	18.38	18.25	18.41						
20	64QAM	100	0	18.06	18.07	18.51	18.18	18.38	19.5	0				
Channel				39725	40173	40620	41058	41515						
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			Time-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	18.11	18.05	18.44	18.19	18.44	19.5	0				
15	QPSK	1	37	18.11	17.81	18.31	18.16	18.36						
15	QPSK	1	74	17.98	17.95	18.41	18.12	18.38						
15	QPSK	36	0	18.11	17.81	18.42	18.13	18.32						
15	QPSK	36	20	18.15	17.89	18.35	18.16	18.28						
15	QPSK	36	39	18.03	17.83	18.37	18.07	18.25	19.5	0				
15	QPSK	75	0	18.12	17.84	18.36	18.07	18.31						
15	16QAM	1	0	18.09	17.84	18.30	18.12	18.26						
15	16QAM	1	37	18.03	17.84	18.35	18.06	18.38						
15	16QAM	1	74	18.01	17.85	18.27	18.04	18.29						
15	16QAM	36	0	18.08	18.01	18.33	18.12	18.36	19.5	0				
15	16QAM	36	20	18.02	17.87	18.41	18.14	18.24						
15	16QAM	36	39	18.05	17.88	18.41	18.19	18.23						
15	16QAM	75	0	18.15	17.82	18.31	18.15	18.34						
15	64QAM	1	0	18.10	17.87	18.37	18.04	18.29						
15	64QAM	1	37	18.03	17.85	18.35	18.14	18.32	19.5	0				
15	64QAM	1	74	18.07	17.86	18.36	18.13	18.26						
15	64QAM	36	0	18.05	17.86	18.47	18.14	18.21						
15	64QAM	36	20	17.93	17.85	18.35	18.21	18.30						
15	64QAM	36	39	17.97	17.91	18.32	18.20	18.40						
15	64QAM	75	0	18.00	18.00	18.37	18.03	18.33	19.5	0				
Channel				39700	40160.5	40620	41080.5	41540			Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2501	2547.05	2593	2638.05	2683						
10	QPSK	1	0	18.05	17.81	18.42	18.23	18.44	19.5	0				
10	QPSK	1	25	18.09	17.86	18.34	18.19	18.34						
10	QPSK	1	49	18.03	17.87	18.41	18.21	18.34						
10	QPSK	25	0	18.12	17.86	18.41	18.23	18.31						
10	QPSK	25	12	18.04	17.89	18.34	18.20	18.24						
10	QPSK	25	25	17.97	17.87	18.36	18.15	18.27	19.5	0				
10	QPSK	50	0	18.15	17.81	18.32	18.07	18.39						
10	16QAM	1	0	17.99	18.01	18.34	18.11	18.19						
10	16QAM	1	25	18.08	18.03	18.29	18.12	18.28						
10	16QAM	1	49	18.12	17.85	18.38	18.07	18.26						
10	16QAM	25	0	17.99	17.82	18.26	18.08	18.32	19.5	0				
10	16QAM	25	12	18.08	17.91	18.37	18.08	18.40						
10	16QAM	25	25	18.03	18.02	18.33	18.19	18.23						
10	16QAM	50	0	18.04	17.83	18.35	18.23	18.31						
10	64QAM	1	0	18.12	17.82	18.36	18.14	18.30						
10	64QAM	1	25	18.03	17.85	18.41	18.18	18.29	19.5	0				
10	64QAM	1	49	18.16	17.98	18.40	18.11	18.29						
10	64QAM	25	0	17.86	17.82	18.41	18.11	18.25						
10	64QAM	25	12	18.04	17.93	18.34	18.15	18.26						
10	64QAM	25	25	18.09	17.88	18.36	18.10	18.32						
10	64QAM	50	0	18.03	17.88	18.38	18.08	18.32	19.5	0				
Channel				39675 <th>40148<th>40620<th>41093<th>41555</th><th>Time-up limit (dBm)</th><th>MPR (dB)</th><th colspan="2"></th></th></th></th>	40148 <th>40620<th>41093<th>41555</th><th>Time-up limit (dBm)</th><th>MPR (dB)</th><th colspan="2"></th></th></th>	40620 <th>41093<th>41555</th><th>Time-up limit (dBm)</th><th>MPR (dB)</th><th colspan="2"></th></th>	41093 <th>41555</th> <th>Time-up limit (dBm)</th> <th>MPR (dB)</th> <th colspan="2"></th>	41555			Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2498.5 <th>2545.8<th>2593<th>2640.3<th>2687.5</th><th colspan="3"></th></th></th></th>	2545.8 <th>2593<th>2640.3<th>2687.5</th><th colspan="3"></th></th></th>	2593 <th>2640.3<th>2687.5</th><th colspan="3"></th></th>	2640.3 <th>2687.5</th> <th colspan="3"></th>	2687.5						
5	QPSK	1	0	18.11	17.99	18.48	18.24	18.35	19.5	0				
5	QPSK	1	12	18.15	17.84	18.34	18.11	18.22						
5	QPSK	1	24	18.03	17.85	18.39	18.21	18.40						
5	QPSK	12	0	18.12	17.87	18.42	18.13	18.38						
5	QPSK	12	7	18.08	17.89	18.27	18.20	18.18						
5	QPSK	12	13	18.03	17.87	18.36	18.03	18.29	19.5	0				
5	QPSK	25	0	18.09	17.83	18.36	18.04	18.30						
5	16QAM	1	0	17.97	17.88	18.28	18.17	18.20						
5	16QAM	1	12	18.10	17.98	18.31	18.09	18.39						
5	16QAM	1	24	18.09	17.81	18.30	18.02	18.22						
5	16QAM	12	0	17.99	18.04	18.35	18.10	18.34	19.5	0				
5	16QAM	12	7	18.08	17.80	18.30	18.18	18.38						
5	16QAM	12	13	18.00	17.85	18.31	18.19	18.29						
5	16QAM	25	0	18.15	18.01	18.36	18.18	18.33						
5	64QAM	1	0	18.11	18.00	18.38	18.13	18.23						
5	64QAM	1	12	18.02	17.87	18.40	18.24	18.20	19.5	0				
5	64QAM	1	24	18.17	18.03	18.37	18.10	18.27						
5	64QAM	12	0	18.06	17.93	18.36	18.11	18.28						
5	64QAM	12	7	18.01	17.80	18.38	18.13	18.23	19.5	0				
5	64QAM	12	13	18.00	17.85	18.32	18.18	18.28						
5	64QAM	25	0	17.98	17.82	18.39	18.19	18.30						
5	64QAM	25	12	17.94	17.87	18.38	18.13	18.25						
5	64QAM	25	25	17.98	17.87	18.38	18.13	18.25						

Part 96_Band 48_Ant 1										Part 96_Band 48_Ant 3										Part 96_Band 48_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Time-up limit (dBm)	MPR (dB)	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Time-up limit (dBm)	MPR (dB)	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Time-up limit (dBm)	MPR (dB)
Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
20	QPSK	1	0	20.40	20.40	20.38	20.32			20	QPSK	1	0	17.68	17.30	17.44	17.32			20	QPSK	1	0	21.50	21.45	21.33	21.46		
20	QPSK	1	49	20.39	20.30	20.31	20.37	21	0	20	QPSK	1	49	17.59	17.29	17.36	17.28	18	0	20	QPSK	1	49	21.40	21.43	21.24	21.39	22	0
20	QPSK	1	99	20.39	20.28	20.25	20.38			20	QPSK	1	99	17.36	17.30	17.38	17.18			20	QPSK	1	99	21.42	21.39	21.28	21.44		
20	QPSK	50	0	20.45	20.35	20.36	20.41			20	QPSK	50	0	17.42	17.33	17.40	17.30			20	QPSK	50	0	21.47	21.43	21.36	21.45		
20	QPSK	50	24	20.39	20.28	20.30	20.39			20	QPSK	50	24	17.38	17.21	17.32	17.25			20	QPSK	50	24	21.34	21.38	21.27	21.39		
20	QPSK	50	50	20.39	20.33	20.24	20.36			20	QPSK	50	50	17.39	17.29	17.35	17.26			20	QPSK	50	50	21.31	21.32	21.32	21.33	22	0
20	QPSK	100	0	20.42	20.34	20.37	20.32			20	QPSK	100	0	17.41	17.24	17.39	17.21			20	QPSK	100	0	21.46	21.44	21.31	21.41		
20	16QAM	1	0	20.40	20.32	20.28	20.39			20	16QAM	1	0	17.40	17.26	17.39	17.17			20	16QAM	1	0	21.42	21.43	21.31	21.31		
20	16QAM	1	49	20.37	20.28	20.29	20.41	21	0	20	16QAM	1	49	17.45	17.38	17.28	17.23			20	16QAM	1	49	21.45	21.41	21.28	21.36	22	0
20	16QAM	1	99	20.31	20.25	20.26	20.36			20	16QAM	1	99	17.33	17.28	17.40	17.20			20	16QAM	1	99	21.47	21.40	21.29	21.36		
20	16QAM	50	0	20.32	20.28	20.26	20.29			20	16QAM	50	0	17.39	17.25	17.41	17.25			20	16QAM	50	0	20.29	20.37	20.33	20.48		
20	16QAM	50	24	20.35	20.29	20.35	20.28	21	0	20	16QAM	50	24	17.34	17.24	17.43	17.24	18	0	20	16QAM	50	24	20.29	20.44	20.35	20.46	21	1
20	16QAM	50	50	20.40	20.34	20.26	20.34			20	16QAM	50	50	17.43	17.35	17.36	17.17			20	16QAM	50	50	20.25	20.42	20.31	20.51		
20	64QAM	1	0	20.40	20.30	20.30	20.36			20	64QAM	1	0	17.44	17.31	17.32	17.17			20	64QAM	1	0	20.25	20.39	20.25	21.21		
20	64QAM	1	0	20.38	20.38	20.36	20.38			20	64QAM	1	0	17.46	17.27	17.31	17.22			20	64QAM	1	0	19.92	19.96	19.95	20.07		
20	64QAM	1	49	20.34	20.31	20.35	20.30			20	64QAM	1	49	17.43	17.27	17.42	17.25	18	0	20	64QAM	1	49	19.88	20.06	19.97	20.11	21	1
20	64QAM	1	99	20.34	20.32	20.27	20.38			20	64QAM	1	99	17.41	17.20	17.40	17.25			20	64QAM	1	99	19.86	20.02	19.89	20.05		
20	64QAM	50	18	19.47	19.52	19.56	19.41			20	64QAM	50	18	17.38	17.31	17.38	17.27			20	64QAM	50	18	19.32	19.38	19.35	19.46		
20	64QAM	50	24	19.37	19.51	19.42	19.33			20	64QAM	50	24	17.40	17.28	17.32	17.21			20	64QAM	50	24	19.28	19.44	19.35	19.51	20	2
20	64QAM	50	50	19.35	19.41	19.51	19.40			20	64QAM	50	50	17.33	17.24	17.40	17.30			20	64QAM	50	50	19.17	19.43	19.31	19.53		
20	16QAM	100	0	19.34	19.50	19.42	19.39			20	64QAM	100	0	17.42	17.25	17.34	17.18			20	64QAM	100	0	19.22	19.39	19.37	19.49		
Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
15	QPSK	1	0	20.39	20.34	20.29	20.36			15	QPSK	1	0	17.46	17.20	17.40	17.21			15	QPSK	1	0	21.36	21.41	21.27	21.43		
15	QPSK	1	37	20.30	20.18	20.18	20.30	21	0	15	QPSK	1	37	17.29	17.19	17.21	17.21	18	0	15	QPSK	1	37	21.31	21.34	21.16	21.38	22	0
15	QPSK	1	74	20.36	20.27	20.22	20.19			15	QPSK	1	74	17.32	17.26	17.33	17.07			15	QPSK	1	74	21.27	21.37	21.27	21.40		
15	QPSK	36	20	20.33	20.29	20.25	20.30			15	QPSK	36	20	17.33	17.20	17.31	17.17			15	QPSK	36	20	21.23	21.27	21.26	21.21		
15	QPSK	36	20	20.33	20.25	20.26	20.38			15	QPSK	36	20	17.30	17.19	17.28	17.24			15	QPSK	36	20	21.22	21.20	21.09	21.24		
15	QPSK	36	39	20.33	20.18	20.13	20.28	21	0	15	QPSK	36	39	17.27	17.17	17.37	17.20	18	0	15	QPSK	36	39	21.12	21.20	21.18	21.19	22	0
15	QPSK	75	0	20.34	20.32	20.27	20.26			15	QPSK	75	0	17.31	17.12	17.31	17.16			15	QPSK	75	0	21.32	21.39	21.17	21.31		
15	16QAM	1	0	20.27	20.18	20.26	20.29			15	16QAM	1	0	17.33	17.16	17.35	17.02			15	16QAM	1	0	21.48	21.34	21.34	21.38		
15	16QAM	1	49	20.27	20.16	20.16	20.39	21	0	15	16QAM	1	49	17.37	17.17	17.34	17.16			15	16QAM	1	49	21.42	21.44	21.24	21.21	22	0
15	16QAM	1	74	20.17	20.20	20.21	20.25			15	16QAM	1	74	17.25	17.22	17.33	17.09			15	16QAM	1	74	21.40	21.37	21.29	21.31		
15	16QAM	36	0	20.27	20.17	20.18	20.25			15	16QAM	36	0	17.30	17.24	17.27	17.12			15	16QAM	36	0	20.14	20.20	20.21	20.40		
15	16QAM	36	20	20.22	20.18	20.33	20.15	21	0	15	16QAM	36	20	17.24	17.11	17.32	17.14			15	16QAM	36	20	20.06	20.24	20.16	20.32	21	1
15	16QAM	36	39	20.25	20.20	20.16	20.28			15	16QAM	36	39	17.37	17.17	17.29	17.12			15	16QAM	36	39	20.15	20.25	20.20	20.12		
15	16QAM	75	0	20.29	20.35	20.28	20.28			15	16QAM	75	0	17.42	17.19	17.28	17.18			15	16QAM	75	0	20.09	20.16	20.22	20.32		
15	64QAM	1	0	20.31	20.26	20.29	20.34			15	64QAM	1	0	17.36	17.15	17.16	17.08			15	64QAM	1	0	19.79	19.74	19.81	20.00		
15	64QAM	1	37	20.22	20.16	20.32	20.27			15	64QAM	1	37	17.32	17.15	17.30	17.19			15	64QAM	1	37	19.74	19.63	19.82	19.93	21	1
15	64QAM	1	74	20.22	20.21	20.22	20.26			15	64QAM	1	74	17.39	17.08	17.28	17.15			15	64QAM	1	74	19.65	19.64	19.66	19.86		
15	64QAM	36	0	19.31	19.48	19.51	19.49			15	64QAM	36	0	17.25	17.20	17.37	17.20			15	64QAM	36	0	19.11	19.19	19.30	19.41		
15	64QAM	36	20	19.25	19.42	19.39	19.27			15	64QAM	36	20	17.26	17.17	17.20	17.15			15	64QAM	36	20	19.17	19.33	19.15	19.34	20	2
15	64QAM	36	39	19.28	19.28	19.40	19.27			15	64QAM	36	39	17.32	17.12	17.30	17.26			15	64QAM	36	39	18.92	19.18	19.07	19.35		
15	64QAM	75	0	19.27	19.37	19.35	19.27			15	64QAM	75	0	17.30	17.20	17.28	17.12			15	64QAM	75	0	19.07	19.27	19.11	19.30		
Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
10	QPSK	1	0	20.41	20.37	20.24	20.39			10	QPSK	1	0	17.45	17.33	17.36	17.21			10	QPSK	1	0	21.38	21.36	21.25	21.39		
10	QPSK	1	25	20.34	20.23	20.26	20.31	21	0	10	QPSK	1	25	17.32	17.24	17.21	17.25	18	0	10	QPSK	1	25	21.36	21.29	21.20	21.29	22	0
10	QPSK	1	49	20.27	20.16	20.10	20.30			10	QPSK	1	49	17.28	17.15	17.30	17.11			10	QPSK	1	49	21.36	21.38	21.17	21.37		
10	QPSK	25	12	20.29	20.27	20.31	20.40			10	QPSK	25	12	17.34	17.21	17.31	17.27			10	QPSK	25	12	21.31	21.38	21.27	21.27		
10	QPSK	25	12	20.27	20.12	20.21	20.38			10	QPSK	25	12	17.17	17.15	17.26	17.11			10	QPSK	25	12	21.17	21.17	21.14	21.20	22	0
10	QPSK	25	25	20.29	20.19	20.14	20.30			10	QPSK	25	25	17.27	17.28	17.33	17.21			10	QPSK	25	25	21.21	21.15	21.19	21.28		
10	QPSK	50	0	20.33	20.26	20.27	20.18			10	QPSK	50	0	17.32	17.21	17.29	17.17			10	QPSK	50	0	21.32	21.24	21.11	21.32		
10	16QAM	1	0	20.28	20.21	20.26	20.38			10	16QAM	1	0	17.27	17.16	17.27	17.16			10	16QAM	1	0	21.35					

Part 96_Band 48_Ant 7										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				55340	55830	56150	56640			
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	17.82	17.53	17.71	17.68	18.5	0	
20	QPSK	1	49	17.75	17.55	17.59	17.60			
20	QPSK	1	99	17.71	17.62	17.58	17.54			
20	QPSK	50	0	17.77	17.59	17.68	17.65			
20	QPSK	50	24	17.67	17.47	17.67	17.60	18.5	0	
20	QPSK	50	50	17.89	17.48	17.65	17.64			
20	QPSK	100	0	17.75	17.50	17.57	17.64			
20	16QAM	1	0	17.70	17.49	17.63	17.64			
20	16QAM	1	49	17.71	17.51	17.62	17.61	18.5	0	
20	16QAM	1	99	17.71	17.48	17.65	17.63			
20	16QAM	50	0	17.73	17.48	17.58	17.52			
20	16QAM	50	24	17.81	17.53	17.64	17.60			
20	16QAM	50	50	17.67	17.59	17.58	17.60	18.5	0	
20	16QAM	100	0	17.68	17.56	17.68	17.53			
20	64QAM	1	0	17.73	17.56	17.68	17.63			
20	64QAM	1	49	17.71	17.62	17.65	17.55	18.5	0	
20	64QAM	1	99	17.76	17.61	17.61	17.52			
20	64QAM	50	0	17.71	17.61	17.57	17.61			
20	64QAM	50	24	17.72	17.59	17.65	17.62			
20	64QAM	50	50	17.77	17.54	17.60	17.57	18.5	0	
20	64QAM	100	0	17.68	17.52	17.66	17.56			
Channel				55515	55920	56165	56655	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3567.5	3606	3642	3692.5			
15	QPSK	1	0	17.73	17.62	17.67	17.60	18.5	0	
15	QPSK	1	37	17.63	17.44	17.45	17.45			
15	QPSK	1	74	17.60	17.52	17.57	17.42			
15	QPSK	36	0	17.74	17.47	17.57	17.61			
15	QPSK	36	20	17.62	17.51	17.60	17.58	18.5	0	
15	QPSK	36	39	17.58	17.46	17.51	17.55			
15	QPSK	75	0	17.65	17.44	17.49	17.52			
15	16QAM	1	0	17.61	17.46	17.50	17.52			
15	16QAM	1	37	17.65	17.37	17.56	17.54	18.5	0	
15	16QAM	1	74	17.60	17.45	17.53	17.61			
15	16QAM	36	0	17.61	17.41	17.54	17.47			
15	16QAM	36	20	17.71	17.49	17.55	17.51			
15	16QAM	36	39	17.62	17.46	17.52	17.52	18.5	0	
15	16QAM	75	0	17.60	17.43	17.55	17.48			
15	64QAM	1	0	17.65	17.47	17.63	17.56			
15	64QAM	1	37	17.65	17.53	17.53	17.44	18.5	0	
15	64QAM	1	74	17.70	17.59	17.51	17.40			
15	64QAM	36	0	17.66	17.56	17.56	17.46			
15	64QAM	36	20	17.71	17.52	17.62	17.54			
15	64QAM	36	39	17.76	17.46	17.57	17.52	18.5	0	
15	64QAM	75	0	17.63	17.43	17.52	17.55			
Channel				55535	55915	56170	56715	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3553	3607.5	3642.5	3695			
10	QPSK	1	0	17.60	17.57	17.70	17.55	18.5	0	
10	QPSK	1	25	17.67	17.48	17.51	17.49			
10	QPSK	1	49	17.61	17.56	17.52	17.39			
10	QPSK	25	0	17.64	17.45	17.66	17.53			
10	QPSK	25	12	17.62	17.46	17.52	17.47	18.5	0	
10	QPSK	25	25	17.60	17.41	17.52	17.55			
10	QPSK	50	0	17.67	17.46	17.56	17.53			
10	16QAM	1	0	17.59	17.40	17.60	17.61			
10	16QAM	1	25	17.69	17.45	17.53	17.52	18.5	0	
10	16QAM	1	49	17.68	17.46	17.57	17.52			
10	16QAM	25	0	17.58	17.33	17.54	17.51			
10	16QAM	25	12	17.77	17.44	17.61	17.46			
10	16QAM	25	25	17.62	17.52	17.48	17.48	18.5	0	
10	16QAM	50	0	17.60	17.54	17.55	17.50			
10	64QAM	1	0	17.61	17.52	17.65	17.50			
10	64QAM	1	25	17.58	17.60	17.54	17.53			
10	64QAM	1	49	17.74	17.51	17.52	17.41	18.5	0	
10	64QAM	25	0	17.70	17.60	17.52	17.57			
10	64QAM	25	12	17.71	17.44	17.64	17.50			
10	64QAM	25	25	17.63	17.48	17.56	17.43			
10	64QAM	50	0	17.69	17.51	17.53	17.41	18.5	0	
Channel				55265	55810	56170	56715			
Frequency (MHz)				3552.5	3607	3643	3697.5		MPR (dB)	
5	QPSK	1	0	17.60	17.60	17.58	17.58	18.5	0	
5	QPSK	1	12	17.67	17.45	17.46	17.54			
5	QPSK	1	24	17.65	17.55	17.45	17.41			
5	QPSK	12	0	17.68	17.48	17.59	17.63			
5	QPSK	12	7	17.55	17.43	17.53	17.55	18.5	0	
5	QPSK	12	13	17.66	17.44	17.64	17.54			
5	QPSK	25	0	17.73	17.35	17.43	17.46			
5	16QAM	1	0	17.57	17.38	17.50	17.50			
5	16QAM	1	12	17.69	17.46	17.58	17.54	18.5	0	
5	16QAM	1	24	17.67	17.44	17.59	17.48			
5	16QAM	12	0	17.67	17.41	17.51	17.48			
5	16QAM	12	7	17.75	17.43	17.50	17.53			
5	16QAM	12	13	17.67	17.45	17.48	17.48	18.5	0	
5	16QAM	25	0	17.61	17.49	17.61	17.38			
5	64QAM	1	0	17.72	17.50	17.62	17.60			
5	64QAM	1	12	17.62	17.54	17.63	17.54			
5	64QAM	1	24	17.62	17.48	17.49	17.48	18.5	0	
5	64QAM	12	0	17.67	17.49	17.50	17.58			
5	64QAM	12	7	17.69	17.45	17.57	17.59			
5	64QAM	12	13	17.71	17.49	17.46	17.44			
5	64QAM	25	0	17.55	17.38	17.65	17.42			

Reduced Power Mode for EC11

GSM850_Ant 0	Burst Average Power (dBm)			Tuneup Limit (dBm)	Frame-Average Power (dBm)			Tuneup Limit (dBm)
	TX Channel	128	189		251	128	189	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8
GSM 1 Tx slot		32.35	32.41	32.49	33.50	23.35	23.41	23.49
GPRS 1 Tx slot		32.31	32.38	32.46	33.50	23.31	23.38	23.46
GPRS 2 Tx slots		30.42	30.43	30.58	31.50	24.42	24.43	24.58
GPRS 3 Tx slots		28.21	28.27	28.36	29.50	23.95	24.01	24.10
GPRS 4 Tx slots		27.12	27.23	27.21	28.50	24.12	24.23	24.21
EDGE 1 Tx slot		26.98	26.98	27.05	28.00	17.98	17.98	18.05
EDGE 2 Tx slots		25.82	25.86	25.86	27.00	19.82	19.86	19.86
EDGE 3 Tx slots		23.62	23.52	23.64	24.50	19.36	19.26	19.38
EDGE 4 Tx slots		22.31	22.46	22.57	23.50	19.31	19.46	19.57

GSM1900_Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810	Limit (dBm)	512	661	810	Limit (dBm)
Frequency (MHz)		1850.2	1860	1869.8		1850.2	1860	1869.8	
GSM 1 Tx slot		28.29	28.16	28.30	29.00	19.29	19.16	19.30	20.00
GPRS 1 Tx slot		28.20	28.13	28.25	29.00	19.20	19.13	19.25	20.00
GPRS 2 Tx slots		26.38	26.31	26.37	27.00	20.38	20.31	20.37	21.00
GPRS 3 Tx slots		25.34	25.25	25.28	26.00	21.08	20.99	21.02	21.74
GPRS 4 Tx slots		23.95	23.93	23.99	25.00	20.95	20.93	20.99	22.00
EDGE 1 Tx slot		24.32	24.25	24.30	25.50	15.32	15.25	15.30	16.50
EDGE 2 Tx slots		23.19	23.08	23.18	24.50	17.19	17.08	17.18	18.50
EDGE 3 Tx slots		20.77	20.61	20.78	22.00	16.51	16.35	16.52	17.74
EDGE 4 Tx slots		19.29	19.35	19.31	20.50	16.29	16.35	16.31	17.50

GSM1900_Ant 4		Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1869.8		1850.2	1860	1869.8	
GSM 1 Tx slot		24.70	24.71	24.85	25.00	15.70	15.71	15.85	16.00
GPRS 1 Tx slot		24.75	24.77	24.79	25.00	15.75	15.77	15.79	15.80
GPRS 2 Tx slots		22.65	22.67	22.69	23.00	16.65	16.67	16.69	17.00
GPRS 3 Tx slots		21.23	21.25	21.27	22.00	16.97	16.99	17.01	17.74
GPRS 4 Tx slots		20.22	20.24	20.26	21.00	17.22	17.24	17.26	18.00
EDGE 1 Tx slot		20.52	20.54	20.56	21.50	11.52	11.54	11.56	12.50
EDGE 2 Tx slots		19.03	19.05	19.07	20.50	13.03	13.05	13.07	13.74
EDGE 3 Tx slots		16.71	16.73	16.75	18.00	12.45	12.47	12.49	13.74
EDGE 4 Tx slots		15.54	15.56	15.58	16.50	12.54	12.56	12.58	13.50

Band		WCDMA II_Ant-1			Tune-up Limit (dBm)	WCDMA IV_Ant-1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.80	18.93	18.91	20.00	19.66	19.73	19.70	21.00
3GPP Rel 99	RMTC 12.2Kbps	18.85	19.04	18.98	20.00	19.77	19.80	19.73	21.00
3GPP Rel 6	HSDPA Subtest-1	18.16	18.31	18.28	19.00	19.12	19.21	19.27	20.00
3GPP Rel 6	HSDPA Subtest-2	18.11	18.29	18.23	19.00	19.04	19.13	19.18	20.00
3GPP Rel 6	HSDPA Subtest-3	17.80	17.72	17.73	18.50	18.61	18.69	18.75	19.50
3GPP Rel 6	HSDPA Subtest-4	17.74	17.75	17.77	18.50	18.51	18.56	18.75	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.00	18.14	18.23	19.00	19.02	19.04	19.15	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.94	18.11	18.13	19.00	19.11	19.04	18.95	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.59	17.58	17.68	18.50	18.52	18.66	18.59	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.57	17.51	17.65	18.50	18.43	18.45	18.53	19.50
3GPP Rel 6	HSUPA Subtest-1	16.20	16.21	16.31	17.00	17.10	17.12	17.24	18.00
3GPP Rel 6	HSUPA Subtest-2	16.22	16.41	16.25	17.00	17.21	17.23	17.15	18.00
3GPP Rel 6	HSUPA Subtest-3	17.32	17.22	17.28	18.00	18.18	18.17	18.26	19.00
3GPP Rel 6	HSUPA Subtest-4	15.78	15.76	15.78	17.00	16.74	16.85	16.78	18.00
3GPP Rel 6	HSUPA Subtest-5	17.23	17.35	17.35	19.00	18.15	18.18	18.17	20.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.10	16.09	16.13	17.50	17.04	17.17	17.12	18.50

Band		WCDMA II_Ant-4			Tune-up Limit (dBm)	WCDMA IV_Ant-4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	14.82	14.95	14.96	16.00	16.80	16.74	16.74	18.00
3GPP Rel 99	RMTC 12.2Kbps	15.95	15.96	16.02	16.00	16.83	16.86	16.75	18.00
3GPP Rel 6	HSDPA Subtest-1	14.19	14.33	14.33	15.00	16.13	16.17	16.19	17.00
3GPP Rel 6	HSDPA Subtest-2	14.15	14.17	14.24	15.00	16.12	16.05	16.10	17.00
3GPP Rel 6	HSDPA Subtest-3	13.73	13.86	13.88	14.50	15.52	15.65	15.69	16.50
3GPP Rel 6	HSDPA Subtest-4	13.78	13.73	13.72	14.50	15.60	15.60	15.58	16.50
3GPP Rel 8	DC-HSDPA Subtest-1	14.10	14.03	14.16	15.00	15.97	16.00	16.04	17.00
3GPP Rel 8	DC-HSDPA Subtest-2	14.02	14.10	14.23	15.00	15.85	15.90	15.96	17.00
3GPP Rel 8	DC-HSDPA Subtest-3	13.56	13.59	13.81	14.50	15.36	15.51	15.46	16.50
3GPP Rel 8	DC-HSDPA Subtest-4	13.60	13.56	13.65	14.50	15.53	15.43	15.60	16.50
3GPP Rel 6	HSUPA Subtest-1	12.22	12.14	12.20	13.00	13.83	13.95	14.00	15.00
3GPP Rel 6	HSUPA Subtest-2	12.28	12.25	12.14	13.00	14.21	14.14	14.23	15.00
3GPP Rel 6	HSUPA Subtest-3	13.18	13.16	13.26	14.00	15.18	15.15	15.11	16.00
3GPP Rel 6	HSUPA Subtest-4	11.79	11.65	11.55	13.00	13.58	13.67	13.55	15.00
3GPP Rel 6	HSUPA Subtest-5	13.19	13.32	13.25	15.00	15.17	15.13	15.05	17.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.04	12.10	12.14	13.50	14.03	14.23	14.03	15.50

Band		WCDMA V_Ant-0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.80	23.87	23.83	25.00
3GPP Rel 99	RMTC 12.2Kbps	23.84	23.95	23.91	25.00
3GPP Rel 6	HSDPA Subtest-1	22.96	22.94	22.92	24.00
3GPP Rel 6	HSDPA Subtest-2	22.89	23.06	22.96	24.00
3GPP Rel 6	HSDPA Subtest-3	22.53	22.61	22.55	23.50
3GPP Rel 6	HSDPA Subtest-4	22.38	22.56	22.51	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.84	22.90	22.91	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.83	22.99	22.89	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.47	22.51	22.41	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.31	22.46	22.41	23.50
3GPP Rel 6	HSUPA Subtest-1	20.90	20.94	20.97	22.00
3GPP Rel 6	HSUPA Subtest-2	20.95	20.98	20.98	22.00
3GPP Rel 6	HSUPA Subtest-3	21.94	21.97	21.98	23.00
3GPP Rel 6	HSUPA Subtest-4	20.45	20.43	20.56	22.00
3GPP Rel 6	HSUPA Subtest-5	22.30	22.10	22.00	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.82	20.89	20.88	22.50

GSM850_Ant 4	Burst Average Power (dbm)				Tune-up Limit	Frame-Average Power (dbm)				Tune-up Limit
Tx Channel	128	189	251		Limit (dbm)	128	189	251	Limit (dbm)	
Frequency (MHz)	824.2	836.4	848.8			824.2	836.4	848.8		
GSM 1 Tx slot	30.22	30.29	30.24		31.00	21.22	21.29	21.24	22.00	
GPRS 1 Tx slot	30.19	30.26	30.20		31.00	21.19	21.26	21.20	22.00	
GPRS 2 Tx slots	28.10	28.13	28.21		29.00	22.10	22.13	22.21	23.00	
GPRS 3 Tx slots	25.74	25.90	25.89		27.00	21.48	21.64	21.63	22.74	
GPRS 4 Tx slots	24.66	24.74	24.68		26.00	21.66	21.74	21.68	23.00	
EDGE 1 Tx slot	24.56	24.55	24.33		25.50	15.56	15.55	15.33	16.50	
EDGE 2 Tx slots	23.46	23.29	23.41		24.50	17.46	17.29	17.41	18.50	
EDGE 3 Tx slots	21.16	21.11	21.08		22.50	16.90	16.85	16.82	18.24	
EDGE 4 Tx slots	19.99	19.92	19.93		21.50	16.99	16.92	16.93	18.50	

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
Tx Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1860	1869.8		1850.2	1860	1869.8	
GSM 1 Tx slot	28.68	28.79	28.74	30.50	20.68	20.79	20.74	21.50
GPRS 1 Tx slot	28.66	28.77	28.73	30.50	20.66	20.77	20.73	21.50
GPRS 2 Tx slots	27.78	27.86	27.90	28.50	21.78	21.86	21.90	22.50
GPRS 3 Tx slots	26.58	26.68	26.65	27.50	22.32	22.42	22.39	23.24
GPRS 4 Tx slots	25.27	25.35	25.38	26.50	22.27	22.35	22.38	23.50
EDGE 1 Tx slot	25.99	26.14	26.06	27.00	16.99	17.14	17.06	18.00
EDGE 2 Tx slots	24.78	24.88	24.84	26.00	18.78	18.88	18.84	19.50
EDGE 3 Tx slots	22.54	22.60	22.58	23.50	18.28	18.34	18.32	19.24
EDGE 4 Tx slots	21.26	21.31	21.29	22.00	18.26	18.31	18.29	19.00

Band		WCDMA II_Ant-2			Tune-up Limit (dBm)	WCDMA IV_Ant-2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.96	24.07	23.92	25.00	23.77	23.83	23.80	25.00
3GPP Rel 99	RMTC 12.2Kbps	24.05	24.10	24.03	25.00	23.82	23.90	23.88	25.00
3GPP Rel 6	HSDPA Subtest-1	23.20	23.32	23.26	24.00	23.18	23.16	23.08	24.00
3GPP Rel 6	HSDPA Subtest-2	23.23	23.30	23.25	24.00	23.15	23.14	23.11	24.00
3GPP Rel 6	HSDPA Subtest-3	22.78	22.78	22.80	23.50	22.71	22.67	22.66	23.50
3GPP Rel 6	HSDPA Subtest-4	22.74	22.79	22.77	23.50	22.70	22.62	22.65	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.11	23.24	23.25	24.00	23.07	23.13	23.00	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.17	23.15	23.13	24.00	23.14	23.12	23.06	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.74	22.76	22.66	23.50	22.56	22.65	22.61	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.62	22.68	22.70	23.50	22.63	22.55	22.50	23.50
3GPP Rel 6	HSUPA Subtest-1	21.25	21.32	21.28	22.00	21.02	20.87	20.83	22.00
3GPP Rel 6	HSUPA Subtest-2	21.19	21.35	21.31	22.00	21.03	20.94	20.80	22.00
3GPP Rel 6	HSUPA Subtest-3	22.29	22.20	22.24	23.00	21.84	21.88	21.81	23.00
3GPP Rel 6	HSUPA Subtest-4	22.78	20.75	20.80	22.00	20.37	20.44	20.33	22.00
3GPP Rel 6	HSUPA Subtest-5	22.20	22.40	22.30	24.00	22.02	22.11	22.08	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.11	21.25	21.16	22.50	20.98	21.01	20.86	22.50

Band 2_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	19.42	19.45	19.41	20.5	0		
20	QPSK	1	49	19.25	19.41	19.27				
20	QPSK	1	99	19.16	19.35	19.31				
20	QPSK	50	0	19.39	19.43	19.36	20.5	0		
20	QPSK	50	24	19.31	19.39	19.31				
20	QPSK	50	50	19.16	19.34	19.27				
20	QPSK	100	0	19.29	19.33	19.27	20.5	0		
20	16QAM	1	0	19.18	19.33	19.31				
20	16QAM	1	49	19.29	19.42	19.26				
20	16QAM	1	99	19.33	19.37	19.34	20.5	0		
20	16QAM	50	0	19.36	19.47	19.36				
20	16QAM	50	24	19.20	19.26	19.18				
20	16QAM	100	0	19.33	19.23	19.19	20.5	0		
20	16QAM	1	0	19.32	19.32	19.23				
20	16QAM	1	49	19.35	19.29	19.31				
20	16QAM	1	99	19.30	19.32	19.33	20.5	0		
20	16QAM	50	0	19.37	19.40	19.31				
20	16QAM	50	24	19.29	19.30	19.24				
20	16QAM	50	50	19.32	19.30	19.30	20.5	0		
20	16QAM	100	0	19.18	19.44	19.17				
Channel				1867.5	18900	19125	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	1880	1902.5				
15	QPSK	1	0	19.30	19.41	19.27	20.5	0		
15	QPSK	1	37	19.24	19.35	19.13				
15	QPSK	1	74	19.03	19.26	19.20				
15	QPSK	36	0	19.25	19.29	19.26	20.5	0		
15	QPSK	36	20	19.16	19.34	19.14				
15	QPSK	36	39	19.05	19.28	19.25				
15	QPSK	75	0	19.18	19.21	19.25	20.5	0		
15	16QAM	1	0	19.06	19.24	19.25				
15	16QAM	1	37	19.25	19.39	19.11				
15	16QAM	1	74	19.19	19.23	19.18	20.5	0		
15	16QAM	36	0	19.33	19.38	19.24				
15	16QAM	36	20	19.10	19.23	19.03				
15	16QAM	36	39	19.21	19.18	19.13	20.5	0		
15	16QAM	75	0	19.27	19.10	19.14				
15	16QAM	1	0	19.26	19.23	19.12				
15	16QAM	1	37	19.29	19.20	19.19	20.5	0		
15	16QAM	1	74	19.26	19.29	19.21				
15	16QAM	36	0	19.32	19.34	19.25				
15	16QAM	36	20	19.14	19.23	19.14	20.5	0		
15	16QAM	36	39	19.30	19.28	19.22				
15	16QAM	75	0	19.07	19.43	19.07				
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	0	19.19	19.40	19.26	20.5	0		
10	QPSK	1	25	19.16	19.40	19.12				
10	QPSK	1	49	19.03	19.25	19.30				
10	QPSK	25	0	19.35	19.31	19.24	20.5	0		
10	QPSK	25	12	19.24	19.27	19.13				
10	QPSK	25	25	19.04	19.31	19.16				
10	QPSK	50	0	19.27	19.30	19.18	20.5	0		
10	16QAM	1	0	19.07	19.27	19.23				
10	16QAM	1	25	19.17	19.35	19.18				
10	16QAM	1	49	19.21	19.36	19.15	20.5	0		
10	16QAM	25	0	19.27	19.36	19.24				
10	16QAM	25	12	19.16	19.17	19.07				
10	16QAM	25	25	19.24	19.26	19.12	20.5	0		
10	16QAM	50	0	19.31	19.19	19.15				
10	16QAM	1	0	19.19	19.23	19.16				
10	16QAM	1	25	19.34	19.24	19.22	20.5	0		
10	16QAM	1	49	19.29	19.28	19.29				
10	16QAM	25	0	19.26	19.26	19.21				
10	16QAM	25	12	19.18	19.23	19.22	20.5	0		
10	16QAM	25	25	19.26	19.21	19.19				
10	16QAM	50	0	19.10	19.36	19.13				
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	0	19.17	19.38	19.27	20.5	0		
5	QPSK	1	12	19.16	19.28	19.12				
5	QPSK	1	24	19.02	19.30	19.18				
5	QPSK	12	0	19.35	19.38	19.35	20.5	0		
5	QPSK	12	7	19.30	19.29	19.09				
5	QPSK	12	13	19.14	19.32	19.22				
5	QPSK	25	0	19.15	19.31	19.17	20.5	0		
5	16QAM	1	0	19.14	19.31	19.31				
5	16QAM	1	12	19.28	19.36	19.25				
5	16QAM	1	24	19.20	19.23	19.19	20.5	0		
5	16QAM	12	0	19.28	19.45	19.30				
5	16QAM	12	7	19.12	19.16	19.15				
5	16QAM	12	13	19.18	19.19	19.17	20.5	0		
5	16QAM	25	0	19.19	19.22	19.16				
5	16QAM	1	0	19.29	19.30	19.14				
5	16QAM	1	12	19.22	19.21	19.16	20.5	0		
5	16QAM	1	24	19.20	19.31	19.24				
5	16QAM	12	0	19.36	19.35	19.22				
5	16QAM	12	7	19.17	19.27	19.14	20.5	0		
5	16QAM	12	13	19.27	19.18	19.18				
5	16QAM	25	0	19.07	19.36	19.07				
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1851.5	1880	1908.5				
3	QPSK	1	0	19.29	19.42	19.29	20.5	0		
3	QPSK	1	8	19.22	19.30	19.13				
3	QPSK	1	14	19.06	19.26	19.22				
3	QPSK	8	0	19.26	19.41	19.32	20.5	0		
3	QPSK	8	4	19.23	19.32	19.12				
3	QPSK	8	7	19.14	19.30	19.26				
3	QPSK	15	0	19.28	19.25	19.13	20.5	0		
3	16QAM	1	0	19.05	19.29	19.21				
3	16QAM	1	8	19.18	19.30	19.14				
3	16QAM	1	14	19.30	19.34	19.16	20.5	0		
3	16QAM	8	0	19.35	19.36	19.28				
3	16QAM	8	4	19.17	19.20	19.17				
3	16QAM	8	7	19.14	19.28	19.24	20.5	0		
3	16QAM	15	0	19.31	19.17	19.12				
3	16QAM	1	0	19.18	19.20	19.22				
3	16QAM	1	8	19.20	19.20	19.22	20.5	0		
3	16QAM	1	14	19.29	19.18	19.27				
3	16QAM	8	0	19.23	19.30	19.26				
3	16QAM	8	4	19.17	19.28	19.11	20.5	0		
3	16QAM	8	7	19.28	19.15	19.17				
3	16QAM	15	0	19.05	19.43	19.15				
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	1880	1909.3				
1.4	QPSK	1	0	19.20	19.34	19.39	20.5	0		
1.4	QPSK	1	3	19.16	19.38	19.39				
1.4	QPSK	1	5	19.15	19.21	19.29				
1.4	QPSK	3	0	19.37	19.29	19.29	20.5	0		
1.4	QPSK	3	1	19.17	19.32	19.18				
1.4	QPSK	3	2	19.02	19.28	19.22				
1.4	QPSK	6	0	19.16	19.30	19.26	20.5	0		
1.4	16QAM	1	0	19.03	19.26	19.28				
1.4	16QAM	1	3	19.16	19.28	19.16				
1.4	16QAM	1	5	19.23	19.29	19.13	20.5	0		
1.4	16QAM	3	0	19.29	19.34	19.20				
1.4	16QAM	3	1	19.18	19.20	19.09				
1.4	16QAM	3	3	19.18	19.24	19.14	20.5	0		
1.4	16QAM	6	0	19.27	19.10	19.14				
1.4	16QAM	1	0	19.19	19.24	19.19				
1.4	16QAM	1	3	19.20	19.27	19.24	20.5	0		
1.4	16QAM	1	5	19.19	19.29	19.23				
1.4	16QAM	3	0	19.24	19.39	19.19				
1.4	16QAM	3	1	19.19	19.21	19.17	20.5	0		
1.4	16QAM	3	3	19.29	19.29	19.20				
1.4	16QAM	6	0	19.04	19.41	19.05				

Band 4_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20050	20175	20300	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1720	1732.5	1745				
20	QPSK	1	0	20.22	20.35	20.20	21.5	0	0	
20	QPSK	1	49	20.07	20.21	20.12				
20	QPSK	1	99	20.05	20.15	20.19				
20	QPSK	50	0	20.12	20.29	20.15				
20	QPSK	50	24	20.11	20.23	20.06	21.5	0	0	
20	QPSK	50	50	19.95	20.15	20.05				
20	QPSK	100	0	20.05	20.20	20.09				
20	16QAM	1	49	20.12	20.18	20.04				
20	16QAM	1	99	20.12	20.18	20.04	21.5	0	0	
20	16QAM	1	49	19.99	20.22	20.11				
20	16QAM	50	0	19.94	20.26	20.13				
20	16QAM	50	24	20.17	20.18	20.13				
20	16QAM	50	50	19.98	20.10	20.00	21.5	0	0	
20	16QAM	100	0	20.06	20.17	20.04				
20	64QAM	1	0	20.06	20.05	19.98				
20	64QAM	1	49	20.04	20.16	20.06	21.5	0	0	
20	64QAM	1	99	19.94	20.24	20.09				
20	64QAM	50	0	20.20	20.18	20.07				
20	64QAM	50	24	20.25	20.14	20.22				
20	64QAM	50	50	20.17	20.12	20.13	21.5	0	0	
20	64QAM	100	0	20.14	20.07	20.14				
Channel				20025	20175	20325				
Frequency (MHz)				1717.5	1732.5	1747.5	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	20.14	20.31	20.11	21.5	0	0	
15	QPSK	1	37	19.93	20.20	20.02				
15	QPSK	1	74	20.02	20.03	20.12				
15	QPSK	36	0	20.09	20.21	20.04				
15	QPSK	36	20	19.99	20.12	19.91	21.5	0	0	
15	QPSK	36	39	19.82	20.08	20.01				
15	QPSK	75	0	20.02	20.08	20.02				
15	16QAM	1	0	20.08	20.09	20.04				
15	16QAM	1	37	20.00	20.08	19.99	21.5	0	0	
15	16QAM	1	74	19.93	20.21	20.09				
15	16QAM	36	0	19.86	20.11	20.01				
15	16QAM	36	20	20.03	20.15	19.99				
15	16QAM	36	39	19.95	20.09	19.99	21.5	0	0	
15	16QAM	75	0	19.99	20.12	19.95				
15	64QAM	1	0	20.01	19.95	19.84				
15	64QAM	1	37	20.02	20.03	19.92				
15	64QAM	1	74	19.87	20.10	20.01	21.5	0	0	
15	64QAM	36	0	20.12	20.11	19.93				
15	64QAM	36	20	20.20	20.03	20.20				
15	64QAM	36	39	20.05	20.11	20.00				
15	64QAM	75	0	20.04	20.04	19.99	Tune-up limit (dBm)	MPR (dB)		
Channel				20000	20175	20350				
Frequency (MHz)				1715	1732.5	1750	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	0	20.13	20.26	20.18	21.5	0	0	
10	QPSK	1	25	19.92	20.11	19.97				
10	QPSK	1	49	20.01	20.10	20.11				
10	QPSK	25	0	20.01	20.23	20.04				
10	QPSK	25	12	20.05	20.03	20.03	21.5	0	0	
10	QPSK	25	25	19.81	20.05	19.98				
10	QPSK	50	0	19.96	20.09	19.95				
10	16QAM	1	0	20.06	20.02	19.99				
10	16QAM	1	25	20.04	20.12	20.02	21.5	0	0	
10	16QAM	1	49	19.94	20.19	20.07				
10	16QAM	25	0	19.84	20.22	20.06				
10	16QAM	25	12	20.14	20.10	20.06				
10	16QAM	25	25	19.94	19.99	19.96	21.5	0	0	
10	16QAM	50	0	20.00	20.07	20.01				
10	64QAM	1	0	20.01	19.90	19.96				
10	64QAM	1	25	19.96	20.15	20.04				
10	64QAM	1	49	19.93	20.17	20.03	21.5	0	0	
10	64QAM	25	0	20.15	20.15	20.03				
10	64QAM	25	12	20.18	20.00	20.14				
10	64QAM	25	25	20.06	20.09	20.07				
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1732.5	1752.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	20.15	20.27	20.10	21.5	0	0	
5	QPSK	1	12	19.93	20.19	20.02				
5	QPSK	1	24	19.94	20.03	20.04				
5	QPSK	12	0	20.10	20.24	20.00				
5	QPSK	12	7	20.05	20.09	20.01	21.5	0	0	
5	QPSK	12	13	19.89	20.04	19.92				
5	QPSK	25	0	19.94	20.06	19.96				
5	16QAM	1	0	20.03	20.02	20.01				
5	16QAM	1	12	19.98	20.06	20.02	21.5	0	0	
5	16QAM	1	24	19.98	20.12	20.04				
5	16QAM	12	0	19.87	20.24	20.08				
5	16QAM	12	7	20.14	20.08	20.01				
5	16QAM	12	13	19.96	20.06	19.91	21.5	0	0	
5	16QAM	25	0	19.91	20.05	20.00				
5	64QAM	1	0	19.99	19.96	19.87				
5	64QAM	1	12	19.98	20.06	20.01				
5	64QAM	1	24	19.81	20.16	20.03	21.5	0	0	
5	64QAM	12	0	20.17	20.12	19.99				
5	64QAM	12	7	20.15	20.12	20.08				
5	64QAM	12	13	20.08	20.02	20.01				
5	64QAM	25	0	20.09	19.92	20.08	Tune-up limit (dBm)	MPR (dB)		
Channel				19965	20175	20385				
Frequency (MHz)				1711.5	1732.5	1753.5	Tune-up limit (dBm)	MPR (dB)		
3	QPSK	1	0	20.15	20.27	20.18	21.5	0	0	
3	QPSK	1	8	19.96	20.13	20.06				
3	QPSK	1	14	20.04	20.02	20.11				
3	QPSK	8	0	19.97	20.26	20.10				
3	QPSK	8	4	20.01	20.13	19.93	21.5	0	0	
3	QPSK	8	7	19.91	20.06	19.98				
3	QPSK	15	0	19.98	20.14	19.95				
3	16QAM	1	0	20.07	20.02	20.09				
3	16QAM	1	8	20.05	20.13	19.94	21.5	0	0	
3	16QAM	1	14	19.89	20.11	20.07				
3	16QAM	8	0	19.91	20.23	20.04				
3	16QAM	8	4	20.03	20.04	20.02				
3	16QAM	8	7	19.90	20.07	19.89	21.5	0	0	
3	16QAM	15	0	19.94	20.16	20.02				
3	64QAM	1	0	20.02	19.92	19.93				
3	64QAM	1	8	20.03	20.15	20.04				
3	64QAM	1	14	19.81	20.09	19.96	21.5	0	0	
3	64QAM	8	0	20.05	20.15	20.01				
3	64QAM	8	4	20.17	20.05	20.19				
3	64QAM	8	7	20.04	20.03	19.98				
3	64QAM	15	0	20.00	20.01	20.01	Tune-up limit (dBm)	MPR (dB)		
Channel				19957	20175	20393				
Frequency (MHz)				1710.7	1732.5	1754.3	Tune-up limit (dBm)	MPR (dB)		
1.4	QPSK	1	0	20.10	20.24	20.14	21.5	0	0	
1.4	QPSK	1	3	20.05	20.08	19.97				
1.4	QPSK	1	5	19.95	20.10	20.11				
1.4	QPSK	3	0	19.98	20.16	20.07				
1.4	QPSK	3	1	19.98	20.17	20.02	21.5	0	0	
1.4	QPSK	3	3	19.82	20.11	20.02				
1.4	QPSK	6	0	19.99	20.17	20.02				
1.4	16QAM	1	0	20.13	20.08	19.99				
1.4	16QAM	1	3	20.05	20.06	20.02	21.5	0	0	
1.4	16QAM	1	5	19.95	20.17	20.00				
1.4	16QAM	3	0	19.92	20.12	20.03				
1.4	16QAM	3	1	20.07	20.14	20.06				
1.4	16QAM	3	3	19.94	19.96	19.87	21.5	0	0	
1.4	16QAM	6	0	19.91	20.15	19.98				
1.4	64QAM	1	0	19.98	19.97	19.83				
1.4	64QAM	1	3	20.01	20.02	19.94				
1.4	64QAM	1	5	19.92	20.17	20.00	21.5	0	0	
1.4	64QAM	3	0	20.16	20.10	20.03				
1.4	64QAM	3	1	20.12	20.10	20.13				
1.4	64QAM	3	3	20.06	20.05	20.08				
1.4	64QAM	6	0	20.13	19.99	19.99	21.5	0	0	

Band 5_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.76	23.87	23.86	25	0		
10	QPSK	1	25	23.66	23.74	23.53				
10	QPSK	1	49	23.70	23.82	23.74				
10	QPSK	25	0	22.64	22.77	22.74	24	1		
10	QPSK	25	12	22.63	22.67	22.72				
10	QPSK	25	25	22.63	22.69	22.70				
10	QPSK	50	0	22.67	22.75	22.73	24	1		
10	16QAM	1	0	22.74	22.93	22.97				
10	16QAM	1	25	22.74	22.74	23.02				
10	16QAM	1	49	22.71	23.00	22.97	23	2		
10	16QAM	25	0	21.66	21.63	21.74				
10	16QAM	25	12	21.60	21.71	21.69				
10	16QAM	25	25	21.60	21.78	21.71	23	2		
10	16QAM	50	0	21.62	21.73	21.71				
10	64QAM	1	0	21.93	22.06	21.96				
10	64QAM	1	25	21.85	21.77	21.95	23	2		
10	64QAM	1	49	21.84	21.98	21.81				
10	64QAM	25	0	20.60	20.73	20.66				
10	64QAM	25	12	20.52	20.62	20.69	22	3		
10	64QAM	25	25	20.66	20.68	20.81				
10	64QAM	50	0	20.63	20.68	20.74				
Channel				20425	20505	20625	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	23.75	23.85	23.83	25	0		
5	QPSK	1	12	23.54	23.73	23.39				
5	QPSK	1	24	23.65	23.77	23.62				
5	QPSK	12	0	22.60	22.72	22.61	24	1		
5	QPSK	12	7	22.51	22.56	22.71				
5	QPSK	12	13	22.55	22.62	22.62				
5	QPSK	25	0	22.56	22.62	22.66	24	1		
5	16QAM	1	0	22.67	22.80	22.91				
5	16QAM	1	12	22.61	22.62	22.93				
5	16QAM	1	24	22.67	22.90	22.86	23	2		
5	16QAM	12	0	21.65	21.54	21.72				
5	16QAM	12	7	21.56	21.64	21.65				
5	16QAM	12	13	21.57	21.73	21.70	23	2		
5	16QAM	25	0	21.61	21.66	21.58				
5	64QAM	1	0	21.89	22.01	21.87				
5	64QAM	1	12	21.75	21.69	21.94	23	2		
5	64QAM	1	24	21.72	21.93	21.76				
5	64QAM	12	0	20.49	20.67	20.60				
5	64QAM	12	7	20.46	20.50	20.58	22	3		
5	64QAM	12	13	20.57	20.55	20.72				
5	64QAM	25	0	20.68	20.62	20.74				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	23.74	23.81	23.76	25	0		
3	QPSK	1	8	23.52	23.66	23.39				
3	QPSK	1	14	23.61	23.69	23.70				
3	QPSK	8	0	22.57	22.76	22.71	24	1		
3	QPSK	8	4	22.62	22.59	22.69				
3	QPSK	8	7	22.60	22.61	22.69				
3	QPSK	15	0	22.59	22.73	22.64	24	1		
3	16QAM	1	0	22.62	22.89	22.88				
3	16QAM	1	8	22.72	22.68	22.97				
3	16QAM	1	14	22.68	22.88	22.91	23	2		
3	16QAM	8	0	21.65	21.57	21.63				
3	16QAM	8	4	21.48	21.63	21.63				
3	16QAM	8	7	21.59	21.64	21.64	23	2		
3	16QAM	15	0	21.53	21.61	21.56				
3	64QAM	1	0	21.80	21.95	21.95				
3	64QAM	1	8	21.78	21.69	21.88	23	2		
3	64QAM	1	14	21.70	21.85	21.70				
3	64QAM	8	0	20.49	20.66	20.51				
3	64QAM	8	4	20.42	20.48	20.57	22	3		
3	64QAM	8	7	20.63	20.65	20.73				
3	64QAM	15	0	20.68	20.59	20.65				
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.69	23.72	23.84	25	0		
1.4	QPSK	1	3	23.51	23.71	23.45				
1.4	QPSK	1	5	23.57	23.77	23.65				
1.4	QPSK	3	0	23.71	23.80	23.85	24	1		
1.4	QPSK	3	1	23.63	23.68	23.45				
1.4	QPSK	3	3	23.69	23.70	23.73				
1.4	QPSK	6	0	22.58	22.61	22.65	24	1		
1.4	16QAM	1	0	22.73	22.91	22.88				
1.4	16QAM	1	3	22.64	22.59	23.00				
1.4	16QAM	1	5	22.86	22.86	22.84	24	1		
1.4	16QAM	3	0	22.73	22.86	22.87				
1.4	16QAM	3	1	22.64	22.71	23.01				
1.4	16QAM	3	3	22.59	22.88	22.86	23	2		
1.4	16QAM	6	0	21.57	21.64	21.67				
1.4	64QAM	1	0	21.92	21.93	21.87				
1.4	64QAM	1	3	21.82	21.73	21.92	23	2		
1.4	64QAM	1	5	21.80	21.92	21.80				
1.4	64QAM	3	0	21.49	21.75	21.69				
1.4	64QAM	3	1	21.53	21.69	21.70	22	3		
1.4	64QAM	3	3	21.98	21.99	21.97				
1.4	64QAM	6	0	20.60	20.59	20.77				

Band 5_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	21.53	21.56	21.55	23	0		
10	QPSK	1	25	21.48	21.46	21.42				
10	QPSK	1	49	21.41	21.50	21.41				
10	QPSK	25	0	21.50	21.55	21.52	23	0		
10	QPSK	25	12	21.46	21.46	21.47				
10	QPSK	25	25	21.43	21.41	21.34				
10	QPSK	50	0	21.41	21.53	21.50	23	0		
10	16QAM	1	0	21.46	21.43	21.50				
10	16QAM	1	25	21.46	21.33	21.39				
10	16QAM	1	49	21.35	21.39	21.34	23	0		
10	16QAM	25	0	21.49	21.50	21.50				
10	16QAM	25	12	21.45	21.39	21.40				
10	16QAM	25	25	21.28	21.37	21.39	23	0		
10	16QAM	50	0	21.38	21.54	21.49				
10	64QAM	1	0	21.46	21.35	21.43				
10	64QAM	1	25	21.29	21.37	21.23	23	0		
10	64QAM	1	49	21.28	21.47	21.36				
10	64QAM	25	0	20.50	20.61	20.61				
10	64QAM	25	12	20.49	20.48	20.48	22	1		
10	64QAM	25	25	20.52	20.58	20.52				
10	64QAM	50	0	20.51	20.51	20.61				
Channel				20425	20505	20625	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	21.51	21.56	21.48	23	0		
5	QPSK	1	12	21.46	21.36	21.23				
5	QPSK	1	24	21.27	21.36	21.35				
5	QPSK	12	0	21.40	21.49	21.42	23	0		
5	QPSK	12	7	21.39	21.31	21.36				
5	QPSK	12	13	21.36	21.27	21.31				
5	QPSK	25	0	21.39	21.52	21.45	23	0		
5	16QAM	1	0	21.32	21.31	21.43				
5	16QAM	1	12	21.40	21.19	21.24				
5	16QAM	1	24	21.23	21.30	21.26	23	0		
5	16QAM	12	0	21.43	21.49	21.47				
5	16QAM	12	7	21.33	21.34	21.29				
5	16QAM	12	13	21.24	21.35	21.31	23	0		
5	16QAM	25	0	21.24	21.39	21.46				
5	64QAM	1	0	21.43	21.27	21.38				
5	64QAM	1	12	21.19	21.34	21.09	23	0		
5	64QAM	1	24	21.18	21.34	21.27				
5	64QAM	12	0	20.40	20.40	20.48				
5	64QAM	12	7	20.34	20.36	20.36	22	1		
5	64QAM	12	13	20.40	20.56	20.41				
5	64QAM	25	0	20.42	20.50	20.55				
Channel				20415	20525	20635	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	21.42	21.43	21.48	23	0		
3	QPSK	1	8	21.44	21.37	21.29				
3	QPSK	1	14	21.25	21.49	21.35				
3	QPSK	8	0	21.47	21.45	21.50	23	0		
3	QPSK	8	4	21.42	21.45	21.45				
3	QPSK	8	7	21.39	21.32	21.23				
3	QPSK	15	0	21.32	21.51	21.42	23	0		
3	16QAM	1	0	21.38	21.41	21.38				
3	16QAM	1	8	21.42	21.22	21.26				
3	16QAM	1	14	21.32	21.37	21.24	23	0		
3	16QAM	8	0	21.34	21.37	21.62				
3	16QAM	8	3	21.42	21.33	21.28				
3	16QAM	8	7	21.13	21.29	21.36	23	0		
3	16QAM	15	0	21.25	21.51	21.46				
3	64QAM	1	0	21.41	21.28	21.30				
3	64QAM	1	8	21.16	21.36	21.08	23	0		
3	64QAM	1	14	21.15	21.43	21.30				
3	64QAM	8	0	20.49	20.41	20.60				
3	64QAM	8	4	20.36	20.44	20.36	22	1		
3	64QAM	8	7	20.49	20.47	20.40				
3	64QAM	15	0	20.43	20.42	20.48				
Channel				20407	20525	20643	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	21.52	21.49	21.53	23	0		
1.4	QPSK	1	3	21.36	21.33	21.28				
1.4	QPSK	1	5	21.40	21.48	21.28				
1.4	QPSK	3	0	21.41	21.46	21.49	23	0		
1.4	QPSK	3	1	21.46	21.44	21.41				
1.4	QPSK	3	3	21.32	21.41	21.40				
1.4	QPSK	6	0	21.47	21.46	21.46	23	0		
1.4	16QAM	1	0	21.44	21.45	21.42				
1.4	16QAM	1	3	21.31	21.27	21.19				
1.4	16QAM	1	5	21.34	21.47	21.47	23	0		
1.4	16QAM	3	0	21.35	21.29	21.39				
1.4	16QAM	3	1	21.31	21.32	21.37				
1.4	16QAM	3	3	21.34	21.31	21.39	23	0		
1.4	64QAM	1	0	21.48	21.44	21.36				
1.4	64QAM	1	0	21.43	21.33	21.28				
1.4	64QAM	1	3	21.24	21.36	21.25	23	0		
1.4	64QAM	1	5	21.43	21.42	21.42				
1.4	64QAM	3	0	21.43	21.22	21.40				
1.4	64QAM	3	1	21.19	21.35	21.21	22	1		
1.4	64QAM	3	3	21.13	21.41	21.28				
1.4	64QAM	6	0	20.45	20.42	20.50				

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.75	23.86	23.77	24.5	0	
20	QPSK	1	49	23.69	23.77	23.70			
20	QPSK	1	99	23.72	23.85	23.71			
20	QPSK	50	0	22.73	22.79	22.76	23.5	1	
20	QPSK	50	24	22.66	22.74	22.73			
20	QPSK	50	50	22.69	22.77	22.71			
20	QPSK	100	0	22.67	22.78	22.69	23.5	1	
20	16QAM	1	0	22.82	22.90	22.95			
20	16QAM	1	49	22.88	22.91	22.85			
20	16QAM	1	99	22.79	23.10	23.13	22.5	2	
20	16QAM	50	0	21.59	21.79	21.72			
20	16QAM	50	24	21.66	21.75	21.69			
20	16QAM	50	50	21.74	21.75	21.71	22.5	2	
20	16QAM	100	0	21.66	21.73	21.71			
20	64QAM	1	0	21.80	22.06	22.05			
20	64QAM	1	49	21.77	21.91	21.85	21.5	3	
20	64QAM	1	99	21.80	21.93	22.13			
20	64QAM	50	0	20.61	20.76	20.76			
20	64QAM	50	24	20.68	20.82	20.71	21.5	3	
20	64QAM	50	50	20.71	20.80	20.70			
20	64QAM	100	0	20.65	20.73	20.72			
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2560.5			
15	QPSK	1	0	23.67	23.79	23.76	24.5	0	
15	QPSK	1	37	23.59	23.65	23.69			
15	QPSK	1	74	23.64	23.70	23.67			
15	QPSK	36	0	22.67	22.70	22.67	23.5	1	
15	QPSK	36	20	22.65	22.66	22.71			
15	QPSK	36	39	22.66	22.69	22.70			
15	QPSK	75	0	22.58	22.75	22.60	23.5	1	
15	16QAM	1	0	22.67	22.86	22.88			
15	16QAM	1	37	22.63	22.60	22.76			
15	16QAM	1	74	22.70	23.03	23.11	22.5	2	
15	16QAM	36	0	21.50	21.71	21.64			
15	16QAM	36	20	21.61	21.63	21.60			
15	16QAM	36	39	21.62	21.68	21.58	21.5	3	
15	16QAM	75	0	21.60	21.71	21.59			
15	64QAM	1	0	21.69	22.05	22.01			
15	64QAM	1	37	21.73	21.89	21.73	22.5	2	
15	64QAM	1	74	21.67	21.78	22.06			
15	64QAM	36	0	20.67	20.69	20.62			
15	64QAM	36	20	20.58	20.81	20.56	21.5	3	
15	64QAM	36	39	20.56	20.77	20.69			
15	64QAM	75	0	20.51	20.74	20.62			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	23.65	23.79	23.72	24.5	0	
10	QPSK	1	25	23.64	23.69	23.63			
10	QPSK	1	49	23.64	23.70	23.70			
10	QPSK	25	0	22.62	22.66	22.72	23.5	1	
10	QPSK	25	12	22.57	22.67	22.64			
10	QPSK	25	25	22.64	22.63	22.69			
10	QPSK	50	0	22.54	22.73	22.64	23.5	1	
10	16QAM	1	0	22.75	22.80	22.88			
10	16QAM	1	25	22.80	22.88	22.77			
10	16QAM	1	49	22.75	23.08	23.05	22.5	2	
10	16QAM	25	0	21.52	21.73	21.65			
10	16QAM	25	12	21.56	21.64	21.57			
10	16QAM	25	25	21.62	21.67	21.58	22.5	2	
10	16QAM	50	0	21.51	21.67	21.70			
10	64QAM	1	0	21.72	21.98	21.90			
10	64QAM	1	25	21.67	21.81	21.84	21.5	3	
10	64QAM	1	49	21.67	21.81	22.04			
10	64QAM	25	0	20.48	20.74	20.74			
10	64QAM	25	12	20.65	20.73	20.69	21.5	3	
10	64QAM	25	25	20.60	20.72	20.62			
10	64QAM	50	0	20.62	20.72	20.65			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	23.60	23.85	23.65	24.5	0	
5	QPSK	1	12	23.57	23.74	23.62			
5	QPSK	1	24	23.66	23.84	23.68			
5	QPSK	12	0	22.62	22.68	22.67	23.5	1	
5	QPSK	12	7	22.62	22.59	22.72			
5	QPSK	12	13	22.63	22.66	22.59			
5	QPSK	25	0	22.56	22.65	22.65	23.5	1	
5	16QAM	1	0	22.73	22.81	22.89			
5	16QAM	1	12	22.75	22.84	22.72			
5	16QAM	1	24	22.74	22.99	22.99	22.5	2	
5	16QAM	12	0	21.55	21.65	21.67			
5	16QAM	12	7	21.57	21.64	21.58			
5	16QAM	12	13	21.61	21.67	21.65	22.5	2	
5	16QAM	25	0	21.52	21.62	21.60			
5	64QAM	1	0	21.70	22.04	21.98			
5	64QAM	1	12	21.64	21.62	21.77	22.5	2	
5	64QAM	1	24	21.70	21.88	22.01			
5	64QAM	12	0	20.69	20.64	20.62			
5	64QAM	12	7	20.57	20.68	20.67	21.5	3	
5	64QAM	12	13	20.62	20.75	20.57			
5	64QAM	25	0	20.62	20.73	20.68			

Band 7_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	17.00	17.12	17.05	18	0	
20	QPSK	1	49	16.93	17.07	16.80			
20	QPSK	1	99	16.89	17.04	16.86			
20	QPSK	50	0	16.99	17.10	16.92	18	0	
20	QPSK	50	24	16.81	17.09	16.79			
20	QPSK	50	50	16.98	16.98	16.78			
20	QPSK	100	0	16.95	17.08	16.83	18	0	
20	16QAM	1	0	16.94	16.99	16.83			
20	16QAM	1	49	16.89	17.00	16.87			
20	16QAM	1	99	16.93	16.96	17.08	18	0	
20	16QAM	50	0	16.89	17.10	16.86			
20	16QAM	50	24	16.92	17.02	16.94			
20	16QAM	50	50	16.91	16.89	17.05	18	0	
20	16QAM	100	0	16.92	16.99	16.85			
20	64QAM	1	0	16.84	16.94	16.85			
20	64QAM	1	49	16.89	17.08	16.90	18	0	
20	64QAM	1	99	16.93	17.02	16.85			
20	64QAM	50	0	16.84	16.96	17.01			
20	64QAM	50	24	16.85	16.96	16.97	18	0	
20	64QAM	50	50	16.88	16.99	16.95			
20	64QAM	100	0	16.80	17.01	16.84			
Channel				20825	21100	21375	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	16.89	17.07	17.03	18	0	
15	QPSK	1	37	16.84	17.05	16.68			
15	QPSK	1	74	16.78	16.99	16.73			
15	QPSK	36	0	16.97	16.98	16.82	18	0	
15	QPSK	36	20	16.70	17.00	16.65			
15	QPSK	36	39	16.97	16.87	16.72			
15	QPSK	75	0	16.85	17.01	16.82	18	0	
15	16QAM	1	0	16.89	16.91	16.75			
15	16QAM	1	37	16.85	16.94	16.78			
15	16QAM	1	74	16.85	16.86	17.05	18	0	
15	16QAM	36	0	16.82	17.03	16.72			
15	16QAM	36	20	16.80	16.96	16.88			
15	16QAM	36	39	16.79	16.81	17.02	18	0	
15	16QAM	75	0	16.80	16.85	16.70			
15	64QAM	1	0	16.71	16.86	16.74			
15	64QAM	1	37	16.78	17.04	16.78	18	0	
15	64QAM	1	74	16.91	16.86	16.83			
15	64QAM	36	0	16.78	16.92	16.97			
15	64QAM	36	20	16.78	16.90	16.94	18	0	
15	64QAM	36	39	16.75	16.92	16.92			
15	64QAM	75	0	16.79	16.96	16.82			
Channel				20800	21100	21400	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	16.96	17.10	17.04	18	0	
10	QPSK	1	25	16.78	17.06	16.73			
10	QPSK	1	49	16.95	16.96	16.76			
10	QPSK	25	0	16.88	17.04	16.84	18	0	
10	QPSK	25	12	16.73	17.01	16.75			
10	QPSK	25	25	16.92	16.87	16.72			
10	QPSK	50	0	16.81	16.93	16.69	18	0	
10	16QAM	1	0	16.89	16.95	16.78			
10	16QAM	1	25	16.88	16.85	16.86			
10	16QAM	1	49	16.91	16.95	17.01	18	0	
10	16QAM	25	0	16.82	16.98	16.76			
10	16QAM	25	12	16.86	16.86	16.92			
10	16QAM	25	25	16.80	16.86	16.96	18	0	
10	16QAM	50	0	16.81	16.88	16.74			
10	64QAM	1	0	16.78	16.85	16.78			
10	64QAM	1	25	16.88	16.96	16.81	18	0	
10	64QAM	1	49	16.83	16.90	16.76			
10	64QAM	25	0	16.80	16.95	16.93			
10	64QAM	25	12	16.70	16.82	16.94	18	0	
10	64QAM	25	25	16.87	16.96	16.81			
10	64QAM	50	0	16.74	16.94	16.70			
Channel				20775	21100	21425	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	16.94	17.02	16.99	18	0	
5	QPSK	1	12	16.89	17.02	16.66			
5	QPSK	1	24	16.80	16.89	16.71			
5	QPSK	12	0	16.98	16.97	16.88	18	0	
5	QPSK	12	7	16.66	17.02	16.70			
5	QPSK	12	13	16.95	16.91	16.66			
5	QPSK	25	0	16.94	17.01	16.71	18	0	
5	16QAM	1	0	16.82	16.85	16.73			
5	16QAM	1	12	16.82	16.85	16.82			
5	16QAM	1	24	16.78	16.91	16.93	18	0	
5	16QAM	12	0	16.86	16.96	16.75			
5	16QAM	12	7	16.91	16.95	16.80			
5	16QAM	12	13	16.81	16.86	16.92	18	0	
5	16QAM	25	0	16.85	16.88	16.74			
5	64QAM	1	0	16.83	16.82	16.72			
5	64QAM	1	12	16.83	16.94	16.77	18	0	
5	64QAM	1	24	16.87	16.85	16.71			
5	64QAM	12	0	16.70	16.83	16.68			
5	64QAM	12	7	16.80	16.82	16.94	18	0	
5	64QAM	12	13	16.84	16.90	16.93			
5	64QAM	25	0	16.70	16.93	16.74			

Band 12_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130	24.5	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.65	23.72	23.69			
10	QPSK	1	25	23.60	23.64	23.54			
10	QPSK	1	49	23.62	23.43	23.38	23.5	1	
10	QPSK	25	0	22.55	22.60	22.53			
10	QPSK	25	12	22.51	22.62	22.51			
10	QPSK	25	25	22.53	22.56	22.45			
10	QPSK	50	0	22.53	22.58	22.47	23.5	1	
10	16QAM	1	0	22.95	22.63	22.99			
10	16QAM	1	25	22.94	22.69	22.70			
10	16QAM	1	49	22.99	22.76	22.64			
10	16QAM	25	0	21.52	21.64	21.46	22.5	2	
10	16QAM	25	12	21.43	21.53	21.43			
10	16QAM	25	25	21.60	21.54	21.44			
10	16QAM	50	0	21.56	21.56	21.44			
10	64QAM	1	0	21.75	21.73	21.87	22.5	2	
10	64QAM	1	25	21.85	21.90	21.77			
10	64QAM	1	49	21.71	21.69	21.84			
10	64QAM	25	0	20.53	20.50	20.49			
10	64QAM	25	12	20.58	20.52	20.48	21.5	3	
10	64QAM	25	25	20.51	20.49	20.49			
10	64QAM	50	0	20.53	20.52	20.46			
Channel				23095	23095	23165	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5	24.5	0	
5	QPSK	1	0	23.55	23.70	23.67			
5	QPSK	1	12	23.49	23.55	23.49			
5	QPSK	1	24	23.54	23.34	23.28			
5	QPSK	12	0	22.53	22.51	22.50	23.5	1	
5	QPSK	12	7	22.49	22.49	22.37			
5	QPSK	12	13	22.48	22.51	22.31			
5	QPSK	25	0	22.44	22.52	22.42			
5	16QAM	1	0	22.87	22.57	22.90	23.5	1	
5	16QAM	1	12	22.87	22.61	22.67			
5	16QAM	1	24	22.95	22.68	22.52			
5	16QAM	12	0	21.46	21.59	21.41			
5	16QAM	12	7	21.40	21.50	21.30	22.5	2	
5	16QAM	12	13	21.54	21.43	21.29			
5	16QAM	25	0	21.44	21.42	21.37			
5	64QAM	1	0	21.71	21.71	21.81			
5	64QAM	1	12	21.81	21.88	21.74	22.5	2	
5	64QAM	1	24	21.66	21.85	21.71			
5	64QAM	12	0	20.39	20.36	20.40			
5	64QAM	12	7	20.55	20.46	20.35			
5	64QAM	12	13	20.48	20.39	20.48	21.5	3	
5	64QAM	25	0	20.44	20.39	20.42			
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				700.5	707.5	714.5	24.5	0	
3	QPSK	1	0	23.58	23.63	23.68			
3	QPSK	1	8	23.53	23.59	23.44			
3	QPSK	1	14	23.56	23.35	23.37			
3	QPSK	8	0	22.43	22.59	22.48	23.5	1	
3	QPSK	8	4	22.46	22.42	22.45			
3	QPSK	8	7	22.49	22.55	22.43			
3	QPSK	15	0	22.48	22.49	22.40			
3	16QAM	1	0	22.91	22.57	22.96	23.5	1	
3	16QAM	1	8	22.91	22.65	22.68			
3	16QAM	1	14	22.93	22.66	22.55			
3	16QAM	8	0	21.47	21.53	21.43			
3	16QAM	8	4	21.42	21.46	21.30	22.5	2	
3	16QAM	8	7	21.55	21.43	21.41			
3	16QAM	15	0	21.49	21.50	21.39			
3	64QAM	1	0	21.64	21.67	21.81			
3	64QAM	1	8	21.81	21.83	21.74	22.5	2	
3	64QAM	1	14	21.68	21.66	21.83			
3	64QAM	8	0	20.52	20.40	20.43			
3	64QAM	8	4	20.48	20.48	20.34			
3	64QAM	8	7	20.43	20.41	20.43	21.5	3	
3	64QAM	15	0	20.40	20.49	20.35			
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				699.7	707.5	715.3	24.5	0	
1.4	QPSK	1	0	23.56	23.60	23.67			
1.4	QPSK	1	3	23.57	23.60	23.40			
1.4	QPSK	1	5	23.51	23.41	23.25			
1.4	QPSK	3	0	23.65	23.66	23.67	23.5	1	
1.4	QPSK	3	1	23.53	23.62	23.48			
1.4	QPSK	3	3	23.57	23.42	23.27			
1.4	QPSK	6	0	22.39	22.47	22.43			
1.4	16QAM	1	0	22.93	22.51	22.88	23.5	1	
1.4	16QAM	1	3	22.80	22.55	22.61			
1.4	16QAM	1	5	22.87	22.64	22.50			
1.4	16QAM	3	0	22.89	22.48	22.93			
1.4	16QAM	3	1	22.93	22.59	22.63	22.5	2	
1.4	16QAM	3	3	22.85	22.62	22.56			
1.4	16QAM	6	0	21.52	21.51	21.37			
1.4	64QAM	1	0	21.70	21.69	21.79			
1.4	64QAM	1	3	21.74	21.62	21.67	22.5	2	
1.4	64QAM	1	5	21.59	21.56	21.82			
1.4	64QAM	3	0	21.70	21.63	21.79			
1.4	64QAM	3	1	21.79	21.81	21.72			
1.4	64QAM	3	3	21.63	21.54	21.73	21.5	3	
1.4	64QAM	6	0	20.52	20.45	20.44			

Band 17_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800	24.5	0	
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.35	23.40	23.38			
10	QPSK	1	25	23.33	23.36	23.20			
10	QPSK	1	49	23.30	23.23	23.34	23.5	1	
10	QPSK	25	0	22.31	22.33	22.28			
10	QPSK	25	12	22.25	22.31	22.25			
10	QPSK	25	25	22.29	22.21	22.25			
10	QPSK	50	0	22.23	22.25	22.21	23.5	1	
10	16QAM	1	0	22.45	22.25	22.50			
10	16QAM	1	25	22.58	22.41	22.60			
10	16QAM	1	49	22.43	22.42	22.61			
10	16QAM	25	0	21.19	21.21	21.19	22.5	2	
10	16QAM	25	12	21.18	21.32	21.23			
10	16QAM	25	25	21.22	21.27	21.18			
10	16QAM	50	0	21.20	21.29	21.19			
10	64QAM	1	0	21.46	21.32	21.38	22.5	2	
10	64QAM	1	25	21.40	21.52	21.54			
10	64QAM	1	49	21.52	21.34	21.56			
10	64QAM	25	0	20.30	20.16	20.25			
10	64QAM	25	12	20.23	20.22	20.29	21.5	3	
10	64QAM	25	25	20.32	20.22	20.26			
10	64QAM	50	0	20.32	20.20	20.24			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5	24.5	0	
5	QPSK	1	0	23.33	23.35	23.24			
5	QPSK	1	12	23.29	23.25	23.09			
5	QPSK	1	24	23.26	23.10	23.23			
5	QPSK	12	0	22.26	22.18	22.22	23.5	1	
5	QPSK	12	7	22.16	22.27	22.18			
5	QPSK	12	13	22.16	22.18	22.22			
5	QPSK	25	0	22.17	22.23	22.12			
5	16QAM	1	0	22.39	22.17	22.48	23.5	1	
5	16QAM	1	12	22.57	22.40	22.52			
5	16QAM	1	24	22.42	22.29	22.46			
5	16QAM	12	0	21.12	21.14	21.07			
5	16QAM	12	7	21.12	21.19	21.11	22.5	2	
5	16QAM	12	13	21.11	21.15	21.09			
5	16QAM	25	0	21.14	21.24	21.12			
5	64QAM	1	0	21.45	21.20	21.35			
5	64QAM	1	12	21.29	21.40	21.44	22.5	2	
5	64QAM	1	24	21.44	21.27	21.51			
5	64QAM	12	0	20.17	20.09	20.13			
5	64QAM	12	7	20.21	20.12	20.28			
5	64QAM	12	13	20.23	20.19	20.24	21.5	3	
5	64QAM	25	0	20.17	20.06	20.13			

Band 26(FCC)_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	24.5	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.82	23.92	23.85	23.5	1	
15	QPSK	1	37	23.72	23.88	23.82			
15	QPSK	1	74	23.77	23.89	23.79			
15	QPSK	36	0	22.77	22.88	22.82	23.5	1	
15	QPSK	36	20	22.71	22.83	22.78			
15	QPSK	36	39	22.74	22.82	22.75			
15	QPSK	75	0	22.71	22.84	22.80	23.5	1	
15	16QAM	1	0	22.99	23.05	23.11			
15	16QAM	1	37	22.80	23.08	22.90			
15	16QAM	1	74	23.00	23.02	23.10	22.5	2	
15	16QAM	36	0	21.65	21.78	21.86			
15	16QAM	36	20	21.76	21.83	21.94			
15	16QAM	36	39	21.76	21.86	21.83	22.5	2	
15	16QAM	75	0	21.75	21.87	21.91			
15	64QAM	1	0	21.90	22.11	22.08			
15	64QAM	1	37	22.08	21.94	22.05	21.5	3	
15	64QAM	1	74	22.13	22.15	22.06			
15	64QAM	36	0	20.77	20.77	20.90			
15	64QAM	36	20	20.74	20.82	20.87	21.5	3	
15	64QAM	36	39	20.82	20.84	20.90			
15	64QAM	75	0	20.73	20.84	20.88			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	24.5	0	
10	QPSK	1	0	23.75	23.83	23.77			
10	QPSK	1	25	23.64	23.84	23.68	23.5	1	
10	QPSK	1	49	23.63	23.83	23.69			
10	QPSK	25	0	22.68	22.76	22.65			
10	QPSK	25	12	22.68	22.78	22.65	23.5	1	
10	QPSK	25	25	22.73	22.79	22.73			
10	QPSK	50	0	22.59	22.80	22.68			
10	16QAM	1	0	22.95	23.03	23.10	23.5	1	
10	16QAM	1	25	22.70	23.03	22.76			
10	16QAM	1	49	22.99	23.01	23.05			
10	16QAM	25	0	21.52	21.67	21.75	22.5	2	
10	16QAM	25	12	21.69	21.69	21.87			
10	16QAM	25	25	21.65	21.71	21.71			
10	16QAM	50	0	21.74	21.73	21.88	22.5	2	
10	64QAM	1	0	21.89	22.04	22.00			
10	64QAM	1	25	21.98	21.92	21.97			
10	64QAM	1	49	22.00	22.05	22.03	21.5	3	
10	64QAM	25	0	20.70	20.62	20.80			
10	64QAM	25	12	20.61	20.70	20.84			
10	64QAM	25	25	20.71	20.79	20.85	21.5	3	
10	64QAM	50	0	20.65	20.77	20.74			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	24.5	0	
5	QPSK	1	0	23.79	23.90	23.77			
5	QPSK	1	12	23.70	23.86	23.81	23.5	1	
5	QPSK	1	24	23.75	23.81	23.66			
5	QPSK	12	0	22.63	22.78	22.72			
5	QPSK	12	7	22.61	22.68	22.66	23.5	1	
5	QPSK	12	13	22.71	22.68	22.71			
5	QPSK	25	0	22.61	22.82	22.78			
5	16QAM	1	0	22.96	22.96	23.06	23.5	1	
5	16QAM	1	12	22.69	22.99	22.75			
5	16QAM	1	24	22.91	22.92	23.06			
5	16QAM	12	0	21.60	21.64	21.89	22.5	2	
5	16QAM	12	7	21.67	21.68	21.89			
5	16QAM	12	13	21.71	21.85	21.76			
5	16QAM	25	0	21.66	21.76	21.89	22.5	2	
5	64QAM	1	0	21.76	22.00	22.05			
5	64QAM	1	12	22.04	21.81	21.94			
5	64QAM	1	24	22.05	22.09	22.04	21.5	3	
5	64QAM	12	0	20.67	20.72	20.85			
5	64QAM	12	7	20.73	20.79	20.78			
5	64QAM	12	13	20.74	20.78	20.80	21.5	3	
5	64QAM	25	0	20.72	20.83	20.80			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5	24.5	0	
3	QPSK	1	0	23.72	23.84	23.73			
3	QPSK	1	8	23.61	23.82	23.72	23.5	1	
3	QPSK	1	14	23.70	23.88	23.73			
3	QPSK	8	0	22.75	22.85	22.71			
3	QPSK	8	4	22.63	22.76	22.75	23.5	1	
3	QPSK	8	7	22.59	22.69	22.68			
3	QPSK	15	0	22.70	22.80	22.76			
3	16QAM	1	0	22.85	23.03	23.09	23.5	1	
3	16QAM	1	8	22.67	22.98	22.85			
3	16QAM	1	14	22.88	22.88	22.97			
3	16QAM	8	0	21.50	21.63	21.79	22.5	2	
3	16QAM	8	4	21.69	21.68	21.93			
3	16QAM	8	7	21.66	21.73	21.76			
3	16QAM	15	0	21.63	21.73	21.78	22.5	2	
3	64QAM	1	0	21.82	21.98	21.99			
3	64QAM	1	8	21.98	21.84	21.95			
3	64QAM	1	14	22.00	22.08	22.00	21.5	3	
3	64QAM	8	0	20.62	20.62	20.78			
3	64QAM	8	4	20.61	20.81	20.78			
3	64QAM	8	7	20.71	20.74	20.80	21.5	3	
3	64QAM	15	0	20.72	20.73	20.84			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3	24.5	0	
1.4	QPSK	1	0	23.73	23.80	23.77			
1.4	QPSK	1	3	23.59	23.79	23.73	23.5	1	
1.4	QPSK	1	5	23.65	23.74	23.75			
1.4	QPSK	3	0	23.72	23.77	23.77			
1.4	QPSK	3	1	23.63	23.78	23.72	23.5	1	
1.4	QPSK	3	3	23.63	23.82	23.77			
1.4	QPSK	6	0	22.64	22.70	22.76			
1.4	16QAM	1	0	22.87	23.02	23.03	23.5	1	
1.4	16QAM	1	3	22.65	22.94	22.88			
1.4	16QAM	1	5	22.99	22.89	22.97			
1.4	16QAM	3	0	22.95	22.94	23.10	22.5	2	
1.4	16QAM	3	1	22.68	23.03	22.79			
1.4	16QAM	3	3	22.94	22.93	22.97			
1.4	16QAM	6	0	21.71	21.75	21.81	22.5	2	
1.4	64QAM	1	0	21.81	21.97	22.04			
1.4	64QAM	1	3	22.00	21.87	22.00			
1.4	64QAM	1	5	22.01	22.08	22.01	22.5	2	
1.4	64QAM	3	0	21.89	22.07	21.98			
1.4	64QAM	3	1	21.94	21.87	21.93			
1.4	64QAM	3	3	22.10	22.09	21.97	21.5	3	
1.4	64QAM	6	0	20.68	20.73	20.80			

Band 26(FCC)_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	21.58	21.69	21.63	22.5	0	
15	QPSK	1	37	21.43	21.49	21.60			
15	QPSK	1	74	21.47	21.55	21.56			
15	QPSK	36	0	21.55	21.65	21.51	22.5	0	
15	QPSK	36	20	21.45	21.46	21.44			
15	QPSK	36	39	21.50	21.32	21.46			
15	QPSK	75	0	21.53	21.73	21.48	22.5	0	
15	16QAM	1	0	21.40	21.55	21.53			
15	16QAM	1	37	21.37	21.53	21.61			
15	16QAM	1	74	21.49	21.49	21.39	22.5	0	
15	16QAM	36	0	21.64	21.53	21.45			
15	16QAM	36	20	21.67	21.47	21.51			
15	16QAM	36	39	21.53	21.47	21.55	22.5	0	
15	16QAM	75	0	21.57	21.48	21.59			
15	16QAM	1	0	21.63	21.77	21.42			
15	64QAM	1	37	21.62	21.60	21.57	22.5	0	
15	64QAM	1	74	21.59	21.56	21.60			
15	64QAM	36	0	20.60	20.52	20.54			
15	64QAM	36	20	20.60	20.49	20.57	21.5	1	
15	64QAM	36	39	20.51	20.55	20.58			
15	64QAM	75	0	20.55	20.48	20.57			
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	21.55	21.62	21.54	22.5	0	
10	QPSK	1	25	21.38	21.46	21.45			
10	QPSK	1	49	21.38	21.42	21.47			
10	QPSK	25	0	21.42	21.42	21.42	22.5	0	
10	QPSK	25	12	21.31	21.38	21.43			
10	QPSK	25	25	21.35	21.31	21.41			
10	QPSK	50	0	21.42	21.52	21.44	22.5	0	
10	16QAM	1	0	21.41	21.51	21.43			
10	16QAM	1	25	21.34	21.43	21.56			
10	16QAM	1	49	21.44	21.34	21.35	22.5	0	
10	16QAM	25	0	21.46	21.52	21.38			
10	16QAM	25	12	21.56	21.36	21.44			
10	16QAM	25	25	21.52	21.45	21.44	22.5	0	
10	16QAM	50	0	21.42	21.47	21.49			
10	64QAM	1	0	21.51	21.33	21.41			
10	64QAM	1	25	21.52	21.46	21.42	22.5	0	
10	64QAM	1	49	21.56	21.51	21.45			
10	64QAM	25	0	20.45	20.47	20.46			
10	64QAM	25	12	20.49	20.35	20.43	21.5	1	
10	64QAM	25	25	20.46	20.46	20.46			
10	64QAM	50	0	20.42	20.44	20.43			
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	21.50	21.67	21.61	22.5	0	
5	QPSK	1	12	21.34	21.40	21.53			
5	QPSK	1	24	21.32	21.53	21.44			
5	QPSK	12	0	21.53	21.52	21.38	22.5	0	
5	QPSK	12	7	21.30	21.45	21.36			
5	QPSK	12	13	21.39	21.22	21.32			
5	QPSK	25	0	21.43	21.49	21.44	22.5	0	
5	16QAM	1	0	21.42	21.42	21.52			
5	16QAM	1	12	21.30	21.45	21.48			
5	16QAM	1	24	21.36	21.38	21.27	22.5	0	
5	16QAM	12	0	21.55	21.39	21.43			
5	16QAM	12	7	21.55	21.40	21.48			
5	16QAM	12	13	21.43	21.45	21.51	22.5	0	
5	16QAM	25	0	21.43	21.45	21.45			
5	64QAM	1	0	21.51	21.24	21.43			
5	64QAM	1	12	21.45	21.52	21.43	22.5	0	
5	64QAM	1	24	21.45	21.45	21.49			
5	64QAM	12	0	20.59	20.38	20.39			
5	64QAM	12	7	20.59	20.34	20.43	21.5	1	
5	64QAM	12	13	20.39	20.46	20.48			
5	64QAM	25	0	20.50	20.46	20.55			
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	21.45	21.61	21.48	22.5	0	
3	QPSK	1	8	21.29	21.39	21.47			
3	QPSK	1	14	21.45	21.45	21.42			
3	QPSK	8	0	21.52	21.53	21.41	22.5	0	
3	QPSK	8	7	21.42	21.31	21.45			
3	QPSK	8	7	21.49	21.20	21.36			
3	QPSK	15	0	21.46	21.50	21.34	22.5	0	
3	16QAM	1	0	21.34	21.49	21.51			
3	16QAM	1	8	21.36	21.46	21.53			
3	16QAM	1	14	21.46	21.48	21.36	22.5	0	
3	16QAM	8	0	21.53	21.40	21.42			
3	16QAM	8	4	21.55	21.45	21.36			
3	16QAM	8	7	21.46	21.31	21.42	22.5	0	
3	16QAM	15	0	21.44	21.37	21.45			
3	64QAM	1	0	21.48	21.31	21.51			
3	64QAM	1	8	21.56	21.56	21.44	22.5	0	
3	64QAM	1	14	21.46	21.53	21.49			
3	64QAM	8	0	20.48	20.49	20.47			
3	64QAM	8	4	20.46	20.47	20.49	21.5	1	
3	64QAM	8	7	20.42	20.53	20.55			
3	64QAM	15	0	20.44	20.37	20.52			
Channel				26697	26865	27033			
Frequency (MHz)				814.5	831.5	848.5			
1.4	QPSK	1	0	21.54	21.57	21.49	22.5	0	
1.4	QPSK	1	3	21.36	21.37	21.50			
1.4	QPSK	1	5	21.34	21.51	21.41			
1.4	QPSK	3	0	21.45	21.59	21.50	22.5	0	
1.4	QPSK	3	1	21.37	21.41	21.48			
1.4	QPSK	3	3	21.38	21.41	21.54			
1.4	QPSK	6	0	21.51	21.63	21.49	22.5	0	
1.4	16QAM	1	0	21.39	21.42	21.33			
1.4	16QAM	1	3	21.36	21.18	21.33			
1.4	16QAM	1	5	21.41	21.41	21.41	22.5	0	
1.4	16QAM	3	0	21.46	21.49	21.46			
1.4	16QAM	3	1	21.42	21.46	21.57			
1.4	16QAM	3	3	21.44	21.45	21.24	22.5	0	
1.4	16QAM	6	0	21.55	21.36	21.46			
1.4	64QAM	1	0	21.53	21.29	21.42			
1.4	64QAM	1	3	21.57	21.59	21.55	22.5	0	
1.4	64QAM	1	5	21.58	21.55	21.48			
1.4	64QAM	3	0	21.57	21.57	21.59			
1.4	64QAM	3	1	21.53	21.54	21.52	21.5	1	
1.4	64QAM	3	3	21.51	21.41	21.55			
1.4	64QAM	6	0	20.48	20.43	20.49			

Band 66_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	23.47	23.48	23.45	24.5	0	
20	QPSK	1	49	23.38	23.39	23.40			
20	QPSK	1	99	23.11	23.29	23.21			
20	QPSK	50	0	22.45	22.46	22.38	23.5	1	
20	QPSK	50	24	22.44	22.39	22.34			
20	QPSK	50	50	22.37	22.31	22.35			
20	QPSK	100	0	22.35	22.43	22.33	23.5	1	
20	16QAM	1	0	22.58	22.46	22.66			
20	16QAM	1	49	22.65	22.30	22.60			
20	16QAM	1	99	22.40	22.46	22.57	22.5	2	
20	16QAM	50	0	21.41	21.42	21.41			
20	16QAM	50	24	21.47	21.42	21.30			
20	16QAM	50	50	21.32	21.32	21.30	22.5	2	
20	16QAM	100	0	21.38	21.31	21.31			
20	64QAM	1	0	21.51	21.58	21.53			
20	64QAM	1	49	21.71	21.70	21.60	22.5	2	
20	64QAM	1	99	21.50	21.49	21.55			
20	64QAM	50	0	20.49	20.42	20.39			
20	64QAM	50	24	20.40	20.39	20.37	21.5	3	
20	64QAM	50	50	20.35	20.37	20.38			
20	64QAM	100	0	20.37	20.36	20.40			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	23.38	23.36	23.42	24.5	0	
15	QPSK	1	37	23.34	23.33	23.30			
15	QPSK	1	74	23.04	23.18	23.16			
15	QPSK	36	0	22.33	22.32	22.32	23.5	1	
15	QPSK	36	20	22.34	22.36	22.32			
15	QPSK	36	39	22.34	22.29	22.20			
15	QPSK	75	0	22.31	22.40	22.29	23.5	1	
15	16QAM	1	0	22.47	22.33	22.56			
15	16QAM	1	37	22.55	22.15	22.58			
15	16QAM	1	74	22.35	22.45	22.53	22.5	2	
15	16QAM	36	0	21.29	21.35	21.26			
15	16QAM	36	20	21.46	21.30	21.15			
15	16QAM	36	39	21.30	21.29	21.29	22.5	2	
15	16QAM	75	0	21.33	21.20	21.29			
15	64QAM	1	0	21.37	21.48	21.40			
15	64QAM	1	37	21.63	21.55	21.46	22.5	2	
15	64QAM	1	74	21.41	21.44	21.52			
15	64QAM	36	0	20.34	20.33	20.36			
15	64QAM	36	20	20.33	20.25	20.22	21.5	3	
15	64QAM	36	39	20.23	20.31	20.27			
15	64QAM	75	0	20.32	20.25	20.29			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	23.36	23.39	23.31	24.5	0	
10	QPSK	1	25	23.31	23.36	23.32			
10	QPSK	1	49	23.07	23.14	23.17			
10	QPSK	25	0	22.44	22.33	22.27	23.5	1	
10	QPSK	25	12	22.30	22.36	22.28			
10	QPSK	25	25	22.24	22.26	22.34			
10	QPSK	50	0	22.32	22.36	22.18	23.5	1	
10	16QAM	1	0	22.48	22.43	22.55			
10	16QAM	1	25	22.54	22.15	22.54			
10	16QAM	1	49	22.37	22.45	22.45	23.5	1	
10	16QAM	25	0	21.34	21.40	21.30			
10	16QAM	25	12	21.39	21.41	21.24			
10	16QAM	25	25	21.28	21.26	21.29	22.5	2	
10	16QAM	50	0	21.27	21.29	21.20			
10	64QAM	1	0	21.46	21.55	21.44			
10	64QAM	1	25	21.62	21.61	21.54	22.5	2	
10	64QAM	1	49	21.39	21.40	21.48			
10	64QAM	25	0	20.44	20.35	20.31			
10	64QAM	25	12	20.39	20.24	20.36	21.5	3	
10	64QAM	25	25	20.25	20.28	20.23			
10	64QAM	50	0	20.34	20.27	20.30			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	23.33	23.33	23.43	24.5	0	
5	QPSK	1	12	23.24	23.29	23.36			
5	QPSK	1	24	23.05	23.19	23.17			
5	QPSK	12	0	22.34	22.34	22.24	23.5	1	
5	QPSK	12	7	22.41	22.24	22.25			
5	QPSK	12	13	22.32	22.25	22.26			
5	QPSK	25	0	22.24	22.39	22.19	23.5	1	
5	16QAM	1	0	22.51	22.39	22.56			
5	16QAM	1	12	22.59	22.26	22.48			
5	16QAM	1	24	22.27	22.40	22.55	22.5	2	
5	16QAM	12	0	21.29	21.27	21.31			
5	16QAM	12	7	21.45	21.39	21.26			
5	16QAM	12	13	21.21	21.30	21.27	22.5	2	
5	16QAM	25	0	21.25	21.23	21.25			
5	64QAM	1	0	21.46	21.48	21.49			
5	64QAM	1	12	21.61	21.66	21.53	22.5	2	
5	64QAM	1	24	21.38	21.37	21.40			
5	64QAM	12	0	20.46	20.29	20.27			
5	64QAM	12	7	20.29	20.34	20.24	21.5	3	
5	64QAM	12	13	20.21	20.22	20.25			
5	64QAM	25	0	20.33	20.35	20.32			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	23.42	23.37	23.39	24.5	0	
3	QPSK	1	8	23.24	23.34	23.33			
3	QPSK	1	14	23.10	23.16	23.07			
3	QPSK	8	0	22.36	22.33	22.28	23.5	1	
3	QPSK	8	4	22.31	22.25	22.24			
3	QPSK	8	7	22.31	22.21	22.25			
3	QPSK	15	0	22.29	22.30	22.23	23.5	1	
3	16QAM	1	0	22.49	22.35	22.52			
3	16QAM	1	8	22.63	22.25	22.55			
3	16QAM	1	14	22.25	22.42	22.42	22.5	2	
3	16QAM	8	0	21.26	21.38	21.31			
3	16QAM	8	4	21.35	21.28	21.14			
3	16QAM	8	7	21.22	21.31	21.27	22.5	2	
3	16QAM	15	0	21.34	21.29	21.23			
3	64QAM	1	0	21.40	21.49	21.44			
3	64QAM	1	8	21.58	21.58	21.53	22.5	2	
3	64QAM	1	14	21.36	21.35	21.51			
3	64QAM	8	0	20.48	20.41	20.29			
3	64QAM	8	4	20.29	20.36	20.30	21.5	3	
3	64QAM	8	7	20.34	20.30	20.23			
3	64QAM	15	0	20.26	20.25	20.30			
Channel				131919	132322	132685	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	23.41	23.38	23.39	24.5	0	
1.4	QPSK	1	3	23.30	23.33	23.36			
1.4	QPSK	1	5	23.08	23.28	23.14			
1.4	QPSK	3	0	23.41	23.45	23.36	23.5	1	
1.4	QPSK	3	1	23.32	23.24	23.35			
1.4	QPSK	3	3	22.97	23.26	23.15			
1.4	QPSK	6	0	22.29	22.29	22.20	23.5	1	
1.4	16QAM	1	0	22.53	22.42	22.55			
1.4	16QAM	1	3	22.52	22.15	22.56	23.5	1	
1.4	16QAM	1	5	22.31	22.35	22.55			
1.4	16QAM	3	0	22.45	22.40	22.44			
1.4	16QAM	3	1	22.55	22.26	22.58	22.5	2	
1.4	16QAM	3	3	22.35	22.39	22.42			
1.4	16QAM	6	0	21.24	21.29	21.23			
1.4	64QAM	1	0	21.43	21.45	21.41	22.5	2	
1.4	64QAM	1	3	21.68	21.69	21.54			
1.4	64QAM	1	5	21.38	21.41	21.44			
1.4	64QAM	3	0	21.47	21.57	21.52	22.5	2	
1.4	64QAM	3	1	21.54	21.54	21.49			
1.4	64QAM	3	3	21.38	21.47	21.49			
1.4	64QAM	6	0	20.29	20.27	20.34	21.5	3	

LTE Band 71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.62	23.69	23.55	24.5	0	
20	QPSK	1	49	23.49	23.50	23.53			
20	QPSK	1	99	23.58	23.59	23.47			
20	QPSK	50	0	22.65	22.71	22.57	23.5	1	
20	QPSK	50	24	22.64	22.63	22.53			
20	QPSK	50	50	22.61	22.64	22.55			
20	QPSK	100	0	22.61	22.63	22.53	23.5	1	
20	16QAM	1	0	22.85	22.92	22.84			
20	16QAM	1	49	22.82	22.88	22.74			
20	16QAM	1	99	22.77	22.79	22.69	22.5	2	
20	16QAM	50	0	21.75	21.62	21.52			
20	16QAM	50	24	21.63	21.59	21.59			
20	16QAM	50	50	21.65	21.62	21.54	22.5	2	
20	16QAM	100	0	21.65	21.57	21.52			
20	64QAM	1	0	21.69	21.73	21.73			
20	64QAM	1	49	21.87	21.71	21.66	22.5	2	
20	64QAM	1	99	21.63	21.72	21.62			
20	64QAM	50	0	20.68	20.62	20.51			
20	64QAM	50	24	20.66	20.64	20.61	21.5	3	
20	64QAM	50	50	20.69	20.64	20.58			
20	64QAM	100	0	20.64	20.64	20.55			
Channel				133197	133297	133397			
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.51	23.45	23.48	24.5	0	
15	QPSK	1	37	23.36	23.33	23.48			
15	QPSK	1	74	23.50	23.51	23.25			
15	QPSK	36	0	22.50	22.54	22.52	23.5	1	
15	QPSK	36	20	22.48	22.45	22.30			
15	QPSK	36	39	22.44	22.54	22.41			
15	QPSK	75	0	22.43	22.60	22.42	23.5	1	
15	16QAM	1	0	22.64	22.79	22.79			
15	16QAM	1	37	22.76	22.69	22.59			
15	16QAM	1	74	22.53	22.56	22.46	22.5	2	
15	16QAM	36	0	21.57	21.49	21.35			
15	16QAM	36	20	21.45	21.54	21.47			
15	16QAM	36	39	21.51	21.56	21.41	22.5	2	
15	16QAM	75	0	21.46	21.42	21.36			
15	64QAM	1	0	21.53	21.62	21.61			
15	64QAM	1	37	21.62	21.55	21.53	22.5	2	
15	64QAM	1	74	21.54	21.63	21.51			
15	64QAM	36	0	20.44	20.37	20.44			
15	64QAM	36	20	20.50	20.54	20.50	21.5	3	
15	64QAM	36	39	20.53	20.43	20.39			
15	64QAM	75	0	20.52	20.41	20.35			
Channel				133172	133297	133422			
Frequency (MHz)				668	680.5	693			
10	QPSK	1	0	23.56	23.47	23.48	24.5	0	
10	QPSK	1	25	23.27	23.32	23.42			
10	QPSK	1	49	23.34	23.51	23.27			
10	QPSK	25	0	22.51	22.63	22.40	23.5	1	
10	QPSK	25	12	22.46	22.41	22.46			
10	QPSK	25	25	22.36	22.55	22.35			
10	QPSK	50	0	22.41	22.47	22.44	23.5	1	
10	16QAM	1	0	22.79	22.69	22.77			
10	16QAM	1	25	22.73	22.70	22.57			
10	16QAM	1	49	22.53	22.64	22.48	22.5	2	
10	16QAM	25	0	21.52	21.53	21.36			
10	16QAM	25	12	21.43	21.36	21.39			
10	16QAM	25	25	21.53	21.54	21.40	22.5	2	
10	16QAM	50	0	21.59	21.49	21.32			
10	64QAM	1	0	21.55	21.58	21.62			
10	64QAM	1	25	21.73	21.64	21.50	22.5	2	
10	64QAM	1	49	21.49	21.51	21.55			
10	64QAM	25	0	20.54	20.39	20.35			
10	64QAM	25	12	20.41	20.42	20.50	21.5	3	
10	64QAM	25	25	20.50	20.50	20.44			
10	64QAM	50	0	20.54	20.46	20.45			
Channel				133147	133297	133447			
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	23.53	23.56	23.34	24.5	0	
5	QPSK	1	12	23.43	23.45	23.48			
5	QPSK	1	24	23.43	23.43	23.42			
5	QPSK	12	0	22.63	22.51	22.36	23.5	1	
5	QPSK	12	7	22.44	22.47	22.44			
5	QPSK	12	13	22.41	22.53	22.37			
5	QPSK	25	0	22.47	22.62	22.29	23.5	1	
5	16QAM	1	0	22.76	22.76	22.60			
5	16QAM	1	12	22.66	22.76	22.62			
5	16QAM	1	24	22.71	22.54	22.47	22.5	2	
5	16QAM	12	0	21.50	21.46	21.45			
5	16QAM	12	7	21.46	21.53	21.47			
5	16QAM	12	13	21.60	21.50	21.43	22.5	2	
5	16QAM	25	0	21.49	21.48	21.39			
5	64QAM	1	0	21.60	21.59	21.50			
5	64QAM	1	12	21.74	21.46	21.52	22.5	2	
5	64QAM	1	24	21.51	21.56	21.46			
5	64QAM	12	0	20.63	20.47	20.35			
5	64QAM	12	7	20.56	20.50	20.37	21.5	3	
5	64QAM	12	13	20.44	20.59	20.35			
5	64QAM	25	0	20.57	20.58	20.47			

Band 38_Ant 1													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)					
Channel				37850	38000	38150							
Frequency (MHz)				2580	2595	2610							
20	QPSK	1	0	17.87	17.94	17.84	19	0					
20	QPSK	1	49	17.78	17.76	17.63							
20	QPSK	1	99	17.81	17.75	17.65							
20	QPSK	36	0	17.65	17.83	17.80							
20	QPSK	50	24	17.83	17.86	17.77	19	0					
20	QPSK	50	50	17.79	17.92	17.70							
20	QPSK	100	0	17.68	17.83	17.73							
20	16QAM	1	0	17.65	17.84	17.80							
20	16QAM	1	49	17.80	17.86	17.68	19	0					
20	16QAM	1	99	17.68	17.87	17.72							
20	16QAM	50	0	17.68	17.74	17.68							
20	16QAM	50	24	17.75	17.78	17.61							
20	16QAM	50	50	17.79	17.82	17.66	19	0					
20	16QAM	100	0	17.73	17.87	17.76							
20	64QAM	1	0	17.69	17.68	17.72							
20	64QAM	1	49	17.80	17.72	17.66							
20	64QAM	1	99	17.79	17.71	17.57	19	0					
20	64QAM	50	0	17.63	17.83	17.70							
20	64QAM	50	24	17.80	17.71	17.68							
20	64QAM	50	50	17.77	17.84	17.72							
20	64QAM	100	0	17.62	17.83	17.69	Time-up limit (dBm) MPR (dB)						
Channel				37850	38000	38175							
Frequency (MHz)				2572.5	2595	2612.5							
15	QPSK	1	0	17.84	17.81	17.76	19	0					
15	QPSK	1	37	17.66	17.71	17.51							
15	QPSK	1	74	17.77	17.66	17.50							
15	QPSK	36	0	17.83	17.82	17.67							
15	QPSK	36	39	17.69	17.76	17.76	19	0					
15	QPSK	36	39	17.77	17.90	17.69							
15	QPSK	75	0	17.67	17.71	17.67							
15	16QAM	1	0	17.51	17.83	17.76							
15	16QAM	1	37	17.71	17.79	17.55	19	0					
15	16QAM	1	74	17.53	17.75	17.57							
15	16QAM	36	0	17.65	17.83	17.53							
15	16QAM	36	20	17.67	17.68	17.48							
15	16QAM	36	39	17.76	17.70	17.58	19	0					
15	16QAM	75	0	17.61	17.82	17.75							
15	64QAM	1	0	17.67	17.58	17.66							
15	64QAM	1	37	17.73	17.62	17.63							
15	64QAM	1	74	17.78	17.69	17.54	19	0					
15	64QAM	36	0	17.58	17.86	17.63							
15	64QAM	36	20	17.72	17.74	17.59							
15	64QAM	36	39	17.67	17.75	17.66							
15	64QAM	75	0	17.49	17.81	17.55	Time-up limit (dBm) MPR (dB)						
Channel				37800	38000	38200							
Frequency (MHz)				2575	2595	2615							
10	QPSK	1	0	17.66	17.86	17.70	19	0					
10	QPSK	1	25	17.64	17.75	17.52							
10	QPSK	1	49	17.77	17.68	17.61							
10	QPSK	25	0	17.84	17.86	17.64							
10	QPSK	25	12	17.69	17.84	17.72	19	0					
10	QPSK	25	25	17.72	17.89	17.63							
10	QPSK	50	0	17.61	17.73	17.69							
10	16QAM	1	0	17.62	17.69	17.74							
10	16QAM	1	25	17.71	17.74	17.63	19	0					
10	16QAM	1	49	17.66	17.72	17.65							
10	16QAM	25	0	17.65	17.72	17.65							
10	16QAM	25	12	17.70	17.63	17.50							
10	16QAM	25	25	17.70	17.70	17.52	19	0					
10	16QAM	50	0	17.69	17.73	17.73							
10	64QAM	1	0	17.66	17.61	17.57							
10	64QAM	1	25	17.72	17.67	17.51							
10	64QAM	1	49	17.68	17.60	17.52	19	0					
10	64QAM	25	0	17.66	17.68	17.60							
10	64QAM	25	12	17.78	17.69	17.63							
10	64QAM	25	25	17.72	17.83	17.61							
10	64QAM	50	0	17.55	17.82	17.61	Time-up limit (dBm) MPR (dB)						
Channel				37775	38000	38225							
Frequency (MHz)				2572.5	2595	2617.5							
5	QPSK	1	0	17.76	17.88	17.75	19	0					
5	QPSK	1	12	17.74	17.84	17.50							
5	QPSK	1	24	17.70	17.71	17.56							
5	QPSK	12	0	17.77	17.84	17.69							
5	QPSK	12	7	17.72	17.77	17.65	19	0					
5	QPSK	12	13	17.78	17.78	17.59							
5	QPSK	25	0	17.54	17.76	17.65							
5	16QAM	1	0	17.63	17.69	17.70							
5	16QAM	1	12	17.65	17.78	17.65	19	0					
5	16QAM	1	24	17.65	17.73	17.68							
5	16QAM	12	0	17.62	17.63	17.54							
5	16QAM	12	7	17.68	17.67	17.46							
5	16QAM	12	13	17.78	17.72	17.58	19	0					
5	16QAM	25	0	17.60	17.75	17.69							
5	64QAM	1	0	17.63	17.65	17.71							
5	64QAM	1	12	17.53	17.71	17.51							
5	64QAM	1	24	17.74	17.61	17.44	19	0					
5	64QAM	12	0	17.62	17.69	17.60							
5	64QAM	12	7	17.72	17.75	17.58							
5	64QAM	12	13	17.63	17.73	17.70							
5	64QAM	25	0	17.53	17.82	17.55	Time-up limit (dBm) MPR (dB)						

Band 38_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	23.09	23.75	23.07	24.5	0		
20	QPSK	1	49	23.52	23.74	23.56				
20	QPSK	1	99	23.58	23.70	23.57				
20	QPSK	36	0	22.44	22.63	22.40				
20	QPSK	50	24	22.51	22.60	22.52	23.5	1		
20	QPSK	50	50	22.50	22.61	22.53				
20	QPSK	100	0	22.53	22.61	22.53				
20	16QAM	1	0	22.58	22.64	22.56				
20	16QAM	1	49	22.87	22.70	22.64	23.5	1		
20	16QAM	1	99	22.80	22.84	22.53				
20	16QAM	50	0	21.57	21.58	21.57				
20	16QAM	50	24	21.57	21.62	21.57				
20	16QAM	50	50	21.60	21.61	21.51	22.5	2		
20	16QAM	100	0	21.56	21.59	21.55				
20	64QAM	1	0	21.35	21.32	21.30				
20	64QAM	1	49	21.30	21.42	21.41				
20	64QAM	1	99	21.43	21.36	21.17	22.5	2		
20	64QAM	50	0	20.56	20.60	20.60				
20	64QAM	50	24	20.59	20.61	20.57				
20	64QAM	50	50	20.63	20.65	20.55	21.5	3		
20	64QAM	100	0	20.60	20.61	20.57				
20	64QAM	100	0	20.60	20.61	20.57				
Channel				37850	38000	38150				
Frequency (MHz)				2577.5 <th>2595<th>2612.5</th><th colspan="4"></th></th>	2595 <th>2612.5</th> <th colspan="4"></th>	2612.5				
15	QPSK	1	0	23.52	23.83	23.62	24.5	0		
15	QPSK	1	37	23.47	23.82	23.55				
15	QPSK	1	74	23.46	23.55	23.54				
15	QPSK	36	0	22.42	22.50	22.52				
15	QPSK	36	0	22.44	22.54	22.55	23.5	1		
15	QPSK	36	36	22.46	22.52	22.50				
15	QPSK	75	0	22.42	22.56	22.43				
15	16QAM	1	0	22.53	22.59	22.42				
15	16QAM	1	37	22.53	22.59	22.42	23.5	1		
15	16QAM	1	74	22.65	22.60	22.38				
15	16QAM	36	0	21.54	21.51	21.56				
15	16QAM	36	20	21.54	21.54	21.52				
15	16QAM	36	36	21.46	21.56	21.44	22.5	2		
15	16QAM	75	0	21.51	21.50	21.47				
15	64QAM	1	0	21.33	21.22	21.27				
15	64QAM	1	37	21.17	21.29	21.27				
15	64QAM	1	74	21.34	21.21	21.22	21.5	3		
15	64QAM	36	0	20.45	20.51	20.56				
15	64QAM	36	20	20.57	20.60	20.44				
15	64QAM	36	39	20.58	20.64	20.41	21.5	3		
15	64QAM	75	0	20.55	20.56	20.56				
15	64QAM	75	0	20.55	20.56	20.56				
Channel				37850	38000	38150				
Frequency (MHz)				2577.5 <th>2595<th>2612.5</th><th colspan="4"></th></th>	2595 <th>2612.5</th> <th colspan="4"></th>	2612.5				
10	QPSK	1	0	23.45	23.70	23.55	24.5	0		
10	QPSK	1	25	23.45	23.83	23.47				
10	QPSK	1	49	23.46	23.85	23.49				
10	QPSK	12	0	22.41	22.54	22.53				
10	QPSK	25	12	22.39	22.48	22.45	23.5	1		
10	QPSK	25	25	22.45	22.47	22.49				
10	QPSK	50	0	22.45	22.49	22.44				
10	16QAM	1	0	22.46	22.57	22.41				
10	16QAM	1	25	22.62	22.66	22.59	23.5	1		
10	16QAM	1	49	22.65	22.52	22.46				
10	16QAM	25	0	21.50	21.49	21.56				
10	16QAM	25	12	21.48	21.50	21.55				
10	16QAM	50	12	21.48	21.56	21.49	22.5	2		
10	16QAM	50	0	21.42	21.56	21.40				
10	64QAM	1	0	21.27	21.26	21.28				
10	64QAM	1	25	21.17	21.39	21.32				
10	64QAM	1	49	21.42	21.34	21.02	21.5	3		
10	64QAM	25	0	20.44	20.56	20.47				
10	64QAM	25	12	20.57	20.54	20.48				
10	64QAM	25	25	20.54	20.58	20.52	21.5	3		
10	64QAM	50	0	20.54	20.58	20.44				
10	64QAM	50	0	20.54	20.58	20.44				
Channel				3777.5 <th>38000</th> <th>38225</th> <th colspan="4"></th>	38000	38225				
Frequency (MHz)				2572.5 <th>2595<th>2617.5</th><th colspan="4"></th></th>	2595 <th>2617.5</th> <th colspan="4"></th>	2617.5				
5	QPSK	1	0	23.52	23.68	23.59	24.5	0		
5	QPSK	1	12	23.51	23.83	23.46				
5	QPSK	1	24	23.43	23.87	23.45				
5	QPSK	12	0	22.31	22.57	22.46				
5	QPSK	12	7	22.47	22.57	22.49	23.5	1		
5	QPSK	12	13	22.43	22.53	22.41				
5	QPSK	25	0	22.39	22.47	22.48				
5	16QAM	1	0	22.46	22.57	22.51				
5	16QAM	1	12	22.64	22.58	22.53	23.5	1		
5	16QAM	1	24	22.65	22.53	22.43				
5	16QAM	12	0	21.52	21.50	21.50				
5	16QAM	12	13	21.52	21.56	21.55				
5	16QAM	12	13	21.56	21.58	21.38	22.5	2		
5	16QAM	25	0	21.44	21.48	21.49				
5	64QAM	1	0	21.20	21.31	21.27				
5	64QAM	1	12	21.19	21.34	21.38				
5	64QAM	1	24	21.37	21.35	21.08	22.5	2		
5	64QAM	12	0	20.50	20.58	20.50				
5	64QAM	12	7	20.61	20.55	20.52				
5	64QAM	12	13	20.51	20.56	20.47	21.5	3		
5	64QAM	25	0	20.45	20.48	20.41				
5	64QAM	25	13	20.45	20.48	20.41				

Band 41_Ant 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Time-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	17.62	17.65	17.97	17.71	17.68	19	0		
20	QPSK	1	49	17.53	17.42	17.92	17.69	17.83				
20	QPSK	1	99	17.48	17.63	17.95	17.68	17.85				
20	QPSK	50	0	17.66	17.62	17.69	17.68	17.64				
20	QPSK	50	24	17.58	17.59	17.83	17.71	17.67				
20	QPSK	50	50	17.44	17.57	17.82	17.62	17.80	19	0		
20	QPSK	100	0	17.62	17.47	17.90	17.55	17.85				
20	16QAM	1	0	17.51	17.62	17.97	17.71	17.71				
20	16QAM	1	49	17.51	17.62	17.92	17.71	17.83				
20	16QAM	1	99	17.60	17.57	17.76	17.54	17.69				
20	16QAM	50	0	17.54	17.58	17.77	17.62	17.84	19	0		
20	16QAM	50	24	17.53	17.43	17.92	17.70	17.84				
20	16QAM	50	50	17.49	17.53	17.88	17.74	17.72				
20	16QAM	100	0	17.67	17.47	17.88	17.65	17.75				
20	64QAM	1	0	17.61	17.59	17.91	17.55	17.79				
20	64QAM	1	49	17.55	17.52	17.88	17.66	17.74	19	0		
20	64QAM	1	99	17.62	17.57	17.88	17.64	17.85				
20	64QAM	50	0	17.54	17.52	17.89	17.71	17.84				
20	64QAM	50	24	17.55	17.63	17.79	17.75	17.75				
20	64QAM	50	50	17.58	17.59	17.74	17.60	17.87				
20	64QAM	100	0	17.52	17.54	17.87	17.63	17.77	19	0		
Channel				39725	40173	40620	41063	41515				
Frequency (MHz)				2503.5	2546.3	2593	2637.8	2682.5				
15	QPSK	1	0	17.52	17.50	17.94	17.64	17.74	19	0		
15	QPSK	1	37	17.41	17.34	17.83	17.62	17.76				
15	QPSK	1	74	17.44	17.56	17.82	17.65	17.71				
15	QPSK	36	0	17.45	17.47	17.77	17.66	17.72				
15	QPSK	36	39	17.54	17.44	17.71	17.63	17.63				
15	QPSK	36	39	17.41	17.51	17.68	17.57	17.67	19	0		
15	QPSK	75	0	17.51	17.38	17.88	17.48	17.72				
15	16QAM	1	0	17.48	17.50	17.84	17.65	17.67				
15	16QAM	1	37	17.36	17.59	17.84	17.62	17.74				
15	16QAM	1	74	17.58	17.47	17.69	17.48	17.55				
15	16QAM	36	0	17.44	17.50	17.69	17.47	17.83	19	0		
15	16QAM	36	20	17.41	17.49	17.79	17.64	17.72				
15	16QAM	36	39	17.40	17.38	17.81	17.67	17.64				
15	16QAM	36	39	17.54	17.33	17.87	17.49	17.70				
15	64QAM	1	0	17.56	17.47	17.80	17.43	17.64				
15	64QAM	1	37	17.41	17.48	17.77	17.52	17.68	19	0		
15	64QAM	1	74	17.58	17.48	17.84	17.52	17.76				
15	64QAM	36	39	17.47	17.45	17.86	17.62	17.77				
15	64QAM	36	20	17.43	17.50	17.66	17.88	17.61				
15	64QAM	36	39	17.50	17.45	17.60	17.53	17.62				
15	64QAM	75	0	17.39	17.44	17.78	17.62	17.74	19	0		
Channel				39700	40160.5	40620	41080.5	41540				
Frequency (MHz)				2501	2547.05	2593	2636.05	2685				
10	QPSK	1	0	17.59	17.52	17.93	17.65	17.75	19	0		
10	QPSK	1	25	17.50	17.39	17.89	17.65	17.70				
10	QPSK	1	49	17.33	17.49	17.85	17.61	17.79				
10	QPSK	25	0	17.57	17.48	17.77	17.64	17.82				
10	QPSK	25	12	17.46	17.45	17.74	17.61	17.59				
10	QPSK	25	25	17.43	17.44	17.76	17.49	17.79	19	0		
10	QPSK	50	0	17.48	17.35	17.89	17.47	17.82				
10	16QAM	1	0	17.43	17.59	17.76	17.62	17.64				
10	16QAM	1	25	17.50	17.54	17.89	17.57	17.74				
10	16QAM	1	49	17.35	17.45	17.75	17.50	17.68				
10	16QAM	25	0	17.47	17.45	17.70	17.48	17.69	19	0		
10	16QAM	25	12	17.50	17.32	17.77	17.66	17.70				
10	16QAM	25	25	17.39	17.44	17.76	17.61	17.64				
10	16QAM	50	0	17.55	17.46	17.79	17.62	17.69				
10	64QAM	1	0	17.56	17.55	17.76	17.48	17.67				
10	64QAM	1	25	17.42	17.39	17.87	17.55	17.70	19	0		
10	64QAM	1	49	17.54	17.45	17.82	17.62	17.72				
10	64QAM	25	0	17.49	17.46	17.82	17.61	17.74				
10	64QAM	25	12	17.43	17.50	17.75	17.62	17.65				
10	64QAM	25	25	17.53	17.45	17.73	17.48	17.74				
10	64QAM	50	0	17.41	17.52	17.80	17.61	17.75	19	0		
Channel				39675	40148	40620	41093	41555				
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5				
5	QPSK	1	0	17.58	17.60	17.89	17.59	17.73	19	0		
5	QPSK	1	12	17.30	17.31	17.78	17.66	17.70				
5	QPSK	1	24	17.35	17.54	17.88	17.65	17.82				
5	QPSK	12	0	17.55	17.56	17.76	17.55	17.80				
5	QPSK	12	7	17.48	17.58	17.78	17.62	17.84				
5	QPSK	12	13	17.39	17.43	17.71	17.50	17.70	19	0		
5	QPSK	25	0	17.53	17.44	17.80	17.52	17.82				
5	16QAM	1	0	17.44	17.51	17.82	17.57	17.58				
5	16QAM	1	12	17.44	17.54	17.77	17.59	17.78				
5	16QAM	1	24	17.45	17.50	17.68	17.45	17.54				
5	16QAM	12	0	17.49	17.49	17.69	17.56	17.73	19	0		
5	16QAM	12	7	17.52	17.29	17.83	17.62	17.76				
5	16QAM	12	13	17.42	17.41	17.87	17.62	17.82				
5	16QAM	25	0	17.53	17.42	17.73	17.63	17.69				
5	64QAM	1	0	17.51	17.49	17.79	17.43	17.68				
5	64QAM	1	12	17.44	17.46	17.82	17.54	17.61	19	0		
5	64QAM	1	24	17.58	17.45	17.75	17.52	17.72				
5	64QAM	12	0	17.45	17.45	17.83	17.67	17.75	19	0		
5	64QAM	12	7	17.50	17.50	17.86	17.70	17.64				
5	64QAM	12	13	17.47	17.47	17.86	17.62	17.74				
5	64QAM	25	0	17.47	17.45	17.82	17.51	17.76	19	0		
5	64QAM	25	12	17.45	17.52	17.75	17.64	17.64				
5	64QAM	25	25	17.47	17.45	17.82	17.51	17.76				

Part 96_Band 48_Ant 1										Part 96_Band 48_Ant 3										Part 96_Band 48_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Low High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up limit (dBm)	MPR (dB)	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Low High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up limit (dBm)	MPR (dB)	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Low High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up limit (dBm)	MPR (dB)
Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
20	QPSK	1	0	19.40	19.40	19.34	19.42			20	QPSK	1	0	16.90	16.70	16.82	16.80			20	QPSK	1	0	20.48	20.30	20.38	20.38		
20	QPSK	1	49	19.41	19.31	19.27	19.27	20	0	20	QPSK	1	49	16.70	16.64	16.85	16.65	17.5	0	20	QPSK	1	49	20.32	20.33	20.11	20.38	21	0
20	QPSK	1	99	19.39	19.31	19.28	19.27			20	QPSK	1	99	16.77	16.76	16.75	16.63			20	QPSK	1	99	20.37	20.36	20.33	20.36		
20	QPSK	50	0	19.42	19.35	19.31	19.34			20	QPSK	50	0	16.88	16.75	16.85	16.76			20	QPSK	50	0	20.45	20.35	20.30	20.41		
20	QPSK	50	24	19.37	19.31	19.21	19.29			20	QPSK	50	24	16.75	16.65	16.72	16.60			20	QPSK	50	24	20.19	20.26	20.24	20.36	21	0
20	QPSK	50	50	19.40	19.33	19.28	19.28			20	QPSK	50	50	16.77	16.70	16.82	16.75	17.5	0	20	QPSK	50	50	20.22	20.25	20.21	20.20		
20	QPSK	100	0	19.40	19.36	19.23	19.38			20	QPSK	100	0	16.80	16.63	16.74	16.68			20	QPSK	100	0	20.41	20.33	20.18	20.28		
20	16QAM	1	0	19.42	19.35	19.19	19.34			20	16QAM	1	0	16.83	16.63	16.74	16.57	17.5	0	20	16QAM	1	0	20.38	20.28	20.25	20.16	21	0
20	16QAM	1	49	19.31	19.35	19.30	19.29			20	16QAM	1	49	16.94	16.76	16.74	16.70			20	16QAM	1	49	20.41	20.25	20.21	20.21		
20	16QAM	1	99	19.33	19.31	19.24	19.30			20	16QAM	1	99	16.76	16.73	16.78	16.58			20	16QAM	1	99	20.39	20.35	20.19	20.21		
20	16QAM	50	0	19.33	19.31	19.30	19.40			20	16QAM	50	0	16.87	16.70	16.78	16.66			20	16QAM	50	0	20.39	20.26	20.27	20.25		
20	16QAM	50	24	19.42	19.35	19.30	19.32			20	16QAM	50	24	16.75	16.62	16.80	16.65	17.5	0	20	16QAM	50	24	20.20	20.27	20.09	20.31	21	0
20	16QAM	50	50	19.34	19.29	19.26	19.41			20	16QAM	50	50	16.88	16.62	16.75	16.54			20	16QAM	50	50	20.42	20.30	20.33	20.29		
20	16QAM	100	0	19.41	19.38	19.26	19.27			20	16QAM	100	0	16.87	16.73	16.78	16.58			20	16QAM	100	0	20.21	20.27	20.04	20.32		
20	64QAM	1	0	19.34	19.31	19.26	19.39			20	64QAM	1	0	16.84	16.74	16.69	16.65			20	64QAM	1	0	20.47	20.31	20.34	20.26		
20	64QAM	1	49	19.33	19.39	19.31	19.29			20	64QAM	1	49	16.88	16.70	16.84	16.74	17.5	0	20	64QAM	1	49	20.30	20.19	20.10	20.26	21	0
20	64QAM	1	99	19.34	19.36	19.27	19.38			20	64QAM	1	99	16.80	16.65	16.81	16.66			20	64QAM	1	99	20.23	20.22	19.98	20.24		
20	64QAM	50	0	19.31	19.30	19.30	19.36			20	64QAM	50	0	16.82	16.75	16.87	16.67			20	64QAM	50	0	19.12	19.38	19.15	19.46		
20	64QAM	50	24	19.35	19.36	19.25	19.40			20	64QAM	50	24	16.85	16.68	16.69	16.60	17.5	0	20	64QAM	50	24	19.28	19.44	19.35	19.51	20	1
20	64QAM	50	50	19.40	19.27	19.30	19.40			20	64QAM	50	50	16.72	16.73	16.83	16.68			20	64QAM	50	50	19.17	19.43	19.31	19.53		
20	64QAM	100	0	19.44	19.35	19.31	19.30	Turn-up limit (dBm)	MPR (dB)	20	64QAM	100	0	16.79	16.71	16.74	16.67	Turn-up limit (dBm)	MPR (dB)	20	64QAM	100	0	19.22	19.39	19.37	19.49	Turn-up limit (dBm)	MPR (dB)
Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
15	QPSK	1	0	19.41	19.39	19.20	19.30			15	QPSK	1	0	16.86	16.74	16.77	16.76			15	QPSK	1	0	20.47	20.33	20.30	20.27		
15	QPSK	1	37	19.27	19.21	19.23	19.19			15	QPSK	1	37	16.56	16.52	16.78	16.51	17.5	0	15	QPSK	1	37	20.19	20.26	20.01	20.36	21	0
15	QPSK	1	74	19.30	19.29	19.22	19.23			15	QPSK	1	74	16.65	16.72	16.70	16.60			15	QPSK	1	74	20.22	20.32	20.00	20.29		
15	QPSK	36	0	19.30	19.31	19.20	19.23			15	QPSK	36	0	16.87	16.74	16.70	16.75			15	QPSK	36	0	20.34	20.23	20.23	20.38		
15	QPSK	36	20	19.27	19.29	19.19	19.25			15	QPSK	36	20	16.82	16.75	16.65	16.53	17.5	0	15	QPSK	36	20	20.15	20.19	20.20	20.26	21	0
15	QPSK	36	39	19.39	19.22	19.17	19.25			15	QPSK	36	39	16.74	16.63	16.69	16.73			15	QPSK	36	39	20.14	20.14	20.14	20.17		
15	QPSK	75	0	19.27	19.24	19.22	19.37			15	QPSK	75	0	16.74	16.56	16.68	16.64			15	QPSK	75	0	20.28	20.20	20.08	20.20		
15	16QAM	1	0	19.35	19.28	19.10	19.29			15	16QAM	1	0	16.70	16.53	16.73	16.48	17.5	0	15	16QAM	1	0	20.25	20.20	20.20	20.03	21	0
15	16QAM	1	37	19.20	19.26	19.24	19.25			15	16QAM	1	37	16.80	16.71	16.79	16.66			15	16QAM	1	37	20.27	20.10	20.16	20.15		
15	16QAM	1	74	19.24	19.30	19.13	19.16			15	16QAM	1	74	16.70	16.60	16.72	16.43			15	16QAM	1	74	20.31	20.25	20.18	20.12		
15	16QAM	36	0	19.23	19.20	19.26	19.33			15	16QAM	36	0	16.76	16.60	16.66	16.55			15	16QAM	36	0	20.28	20.13	20.13	20.22		
15	16QAM	36	20	19.27	19.25	19.28	19.23			15	16QAM	36	20	16.71	16.55	16.76	16.54	17.5	0	15	16QAM	36	20	20.08	20.20	20.08	20.18	21	0
15	16QAM	36	39	19.31	19.34	19.15	19.33			15	16QAM	36	39	16.82	16.74	16.65	16.59			15	16QAM	36	39	20.41	20.28	20.29	20.29		
15	16QAM	75	0	19.29	19.33	19.20	19.23			15	16QAM	75	0	16.75	16.60	16.73	16.51			15	16QAM	75	0	20.11	20.19	20.00	20.20		
15	64QAM	1	0	19.21	19.22	19.21	19.29			15	64QAM	1	0	16.70	16.66	16.61	16.57			15	64QAM	1	0	20.46	20.25	20.19	20.16		
15	64QAM	1	37	19.19	19.33	19.30	19.19			15	64QAM	1	37	16.72	16.58	16.79	16.70	17.5	0	15	64QAM	1	37	20.20	20.10	20.08	20.23	21	0
15	64QAM	1	74	19.28	19.29	19.19	19.27			15	64QAM	1	74	16.84	16.56	16.67	16.63			15	64QAM	1	74	20.18	20.18	19.87	20.26		
15	64QAM	36	0	19.24	19.21	19.19	19.25			15	64QAM	36	0	16.76	16.65	16.80	16.55			15	64QAM	36	0	19.11	19.19	19.30	19.41		
15	64QAM	36	20	19.25	19.23	19.14	19.34			15	64QAM	36	20	16.75	16.57	16.56	16.56	17.5	0	15	64QAM	36	20	19.17	19.33	19.15	19.34		
15	64QAM	36	39	19.25	19.22	19.27	19.36			15	64QAM	36	39	16.82	16.68	16.74	16.63			15	64QAM	36	39	18.92	19.18	19.07	19.35		
15	64QAM	75	0	19.26	19.28	19.17	19.23	Turn-up limit (dBm)	MPR (dB)	15	64QAM	75	0	16.83	16.66	16.73	16.55	Turn-up limit (dBm)	MPR (dB)	15	64QAM	75	0	19.25	19.36	19.27	19.31	Turn-up limit (dBm)	MPR (dB)
Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
10	QPSK	1	0	19.42	19.31	19.33	19.36			10	QPSK	1	0	16.79	16.73	16.78	16.69			10	QPSK	1	0	20.37	20.30	20.29	20.28		
10	QPSK	1	25	19.40	19.19	19.17	19.25			10	QPSK	1	25	16.82	16.56	16.76	16.59	17.5	0	10	QPSK	1	25	20.31	20.28	20.00	20.28	21	0
10	QPSK	1	49	19.38	19.16	19.17	19.12			10	QPSK	1	49	16.84	16.70	16.87	16.57			10	QPSK	1	49	20.29	20.25	20.12	20.32		
10	QPSK	25	0	19.37	19.29	19.22	19.21			10	QPSK	25	0	16.82	16.74	16.80	16.71			10	QPSK	25	0	20.20	20.24	20.30	20.25		
10	QPSK	25	12	19.33	19.20	19.20	19.23			10	QPSK	25	12	16.70	16.61	16.61	16.47	17.5	0	10	QPSK	25	12	20.19	20.22	20.12	20.25		
10	QPSK	25	25	19.29	19.25	19.13	19.13			10	QPSK	25	25	16.74	16.69	16.77	16.66			10	QPSK	25	25	20.07	20.20	20.08	20.26	21	0
10	QPSK	50	0	19.38	19.32	19.15	19.25			10	QPSK	50	0	16.75	16.52	16.73	16.66			10	QPSK	50	0	20.37	20.19	20.11	20.13		
10	16QAM	1	0	19.31	19.28	19.08	19.31			10	1																		

Part 96_Band 48_Ant 7										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				55340	55830	56150	56640	17.5	0	
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	16.77	16.50	16.53	16.61	17.5	0	
20	QPSK	1	49	16.73	16.47	16.54	16.59			
20	QPSK	1	99	16.66	16.56	16.51	16.42			
20	QPSK	50	0	16.74	16.54	16.66	16.56			
20	QPSK	50	24	16.61	16.42	16.65	16.54	17.5	0	
20	QPSK	50	50	16.54	16.44	16.61	16.52			
20	QPSK	100	0	16.66	16.46	16.54	16.51			
20	16QAM	1	49	16.63	16.37	16.49	16.49		17.5	
20	16QAM	1	99	16.67	16.47	16.54	16.55			
20	16QAM	50	0	16.67	16.33	16.50	16.44			
20	16QAM	50	24	16.73	16.40	16.55	16.54			
20	16QAM	50	50	16.53	16.50	16.44	16.57	17.5	0	
20	16QAM	100	0	16.55	16.53	16.63	16.51			
20	64QAM	1	0	16.70	16.47	16.64	16.56			
20	64QAM	1	49	16.67	16.54	16.54	16.42		17.5	
20	64QAM	1	99	16.67	16.57	16.52	16.42			
20	64QAM	50	0	16.64	16.59	16.54	16.60			
20	64QAM	50	24	16.67	16.46	16.55	16.57	17.5	0	
20	64QAM	50	50	16.62	16.44	16.54	16.52			
20	64QAM	100	0	16.64	16.38	16.60	16.51			
Channel				55515	55990	56100	56603	17.5	0	
Frequency (MHz)				3567.5	3609	3642	3692.5			
15	QPSK	1	0	16.73	16.56	16.65	16.54	17.5	0	
15	QPSK	1	37	16.60	16.40	16.40	16.53			
15	QPSK	1	74	16.64	16.52	16.37	16.41			
15	QPSK	36	0	16.64	16.44	16.59	16.54			
15	QPSK	36	36	16.50	16.35	16.57	16.43	17.5	0	
15	QPSK	36	39	16.42	16.38	16.60	16.41			
15	QPSK	75	0	16.54	16.34	16.43	16.36			
15	16QAM	1	0	16.58	16.34	16.43	16.35		17.5	
15	16QAM	1	37	16.66	16.39	16.37	16.44			
15	16QAM	1	74	16.56	16.34	16.51	16.44			
15	16QAM	36	0	16.54	16.27	16.40	16.36			
15	16QAM	36	20	16.68	16.39	16.48	16.45	17.5	0	
15	16QAM	36	39	16.50	16.49	16.32	16.55			
15	16QAM	75	0	16.43	16.45	16.48	16.46			
15	64QAM	1	0	16.62	16.42	16.59	16.49			
15	64QAM	1	37	16.53	16.41	16.43	16.31	17.5	0	
15	64QAM	1	74	16.60	16.56	16.46	16.33			
15	64QAM	36	0	16.59	16.51	16.45	16.52			
15	64QAM	36	20	16.46	16.34	16.45	16.44			
15	64QAM	36	39	16.53	16.41	16.44	16.37	17.5	0	
15	64QAM	75	0	16.63	16.34	16.58	16.36			
Channel				55520	55915	56105	56605	17.5	0	
Frequency (MHz)				3563	3607.5	3642.5	3695			
10	QPSK	1	0	16.66	16.50	16.61	16.59	17.5	0	
10	QPSK	1	25	16.71	16.33	16.51	16.52			
10	QPSK	1	49	16.67	16.53	16.37	16.38			
10	QPSK	25	0	16.59	16.49	16.53	16.48			
10	QPSK	25	12	16.59	16.36	16.53	16.47	17.5	0	
10	QPSK	25	25	16.49	16.43	16.53	16.40			
10	QPSK	50	0	16.52	16.38	16.45	16.40			
10	16QAM	1	0	16.53	16.34	16.47	16.41			
10	16QAM	1	25	16.60	16.26	16.37	16.56	17.5	0	
10	16QAM	1	49	16.54	16.34	16.44	16.40			
10	16QAM	25	0	16.56	16.31	16.36	16.39			
10	16QAM	25	12	16.65	16.31	16.46	16.48			
10	16QAM	25	25	16.45	16.46	16.41	16.45	17.5	0	
10	16QAM	50	0	16.43	16.38	16.60	16.48			
10	64QAM	1	0	16.57	16.36	16.54	16.44			
10	64QAM	1	25	16.50	16.45	16.53	16.36			
10	64QAM	1	49	16.54	16.42	16.42	16.30	17.5	0	
10	64QAM	25	0	16.52	16.49	16.45	16.45			
10	64QAM	25	12	16.53	16.35	16.48	16.46			
10	64QAM	25	25	16.50	16.43	16.39	16.38			
10	64QAM	50	0	16.56	16.34	16.50	16.36	17.5	0	
Channel				55265	55810	56170	56715			
Frequency (MHz)				3552.5	3607	3643	3697.5			
5	QPSK	1	0	16.71	16.54	16.57	16.55	17.5	0	
5	QPSK	1	12	16.72	16.43	16.46	16.55			
5	QPSK	1	24	16.56	16.47	16.50	16.40			
5	QPSK	12	0	16.67	16.41	16.54	16.44			
5	QPSK	12	7	16.55	16.30	16.51	16.42	17.5	0	
5	QPSK	12	13	16.41	16.35	16.54	16.48			
5	QPSK	25	0	16.51	16.40	16.41	16.36			
5	16QAM	1	0	16.58	16.30	16.36	16.34			
5	16QAM	1	12	16.63	16.29	16.36	16.56	17.5	0	
5	16QAM	1	24	16.52	16.39	16.44	16.49			
5	16QAM	12	0	16.63	16.30	16.48	16.40			
5	16QAM	12	7	16.63	16.29	16.48	16.47			
5	16QAM	12	13	16.47	16.44	16.37	16.45	17.5	0	
5	16QAM	25	0	16.49	16.49	16.60	16.40			
5	64QAM	1	0	16.69	16.43	16.55	16.49			
5	64QAM	1	12	16.46	16.42	16.47	16.41			
5	64QAM	1	24	16.61	16.51	16.46	16.40	17.5	0	
5	64QAM	12	0	16.58	16.56	16.45	16.57			
5	64QAM	12	7	16.50	16.44	16.54	16.48			
5	64QAM	12	13	16.52	16.36	16.41	16.41			
5	64QAM	25	0	16.54	16.37	16.58	16.37			

Reduced Power Mode for EC113

GSM850_Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.35	32.41	32.49	33.50	23.35	23.41	23.49	24.50
GPRS 1 Tx slot		32.31	32.38	32.46	33.50	23.31	23.38	23.46	24.50
GPRS 2 Tx slots		30.42	30.43	30.58	31.50	24.42	24.43	24.58	25.50
GPRS 3 Tx slots		28.21	28.27	28.36	29.50	23.95	24.01	24.10	25.24
GPRS 4 Tx slots		27.12	27.23	27.21	28.50	24.12	24.23	24.21	25.50
EDGE 1 Tx slot		26.98	26.98	27.05	28.00	17.98	17.98	18.05	19.00
EDGE 2 Tx slots		25.82	25.86	25.86	27.00	19.82	19.86	19.86	21.00
EDGE 3 Tx slots		23.62	23.52	23.64	24.50	19.36	19.26	19.38	20.24
EDGE 4 Tx slots		22.31	22.46	22.57	23.50	19.31	19.46	19.57	20.50

GSM1900_Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1869.8		1850.2	1860	1869.8	
GSM 1 Tx slot		29.24	29.56	29.51	30.50	20.26	20.58	20.51	21.50
GPRS 1 Tx slot		29.24	29.53	29.47	30.50	20.24	20.53	20.47	21.50
GPRS 2 Tx slots		27.42	27.72	27.77	28.50	21.42	21.72	21.77	22.50
GPRS 3 Tx slots		26.21	26.47	26.53	27.50	21.95	22.21	22.27	23.24
GPRS 4 Tx slots		24.98	25.14	25.32	26.50	21.98	22.14	22.32	23.50
EDGE 1 Tx slot		25.82	25.82	25.81	27.00	16.82	16.82	16.81	18.00
EDGE 2 Tx slots		24.49	24.71	24.65	26.00	18.49	18.71	18.65	20.00
EDGE 3 Tx slots		22.15	22.23	22.28	23.50	17.89	17.97	18.02	19.24
EDGE 4 Tx slots		20.87	20.82	21.05	22.00	17.87	17.82	18.05	19.00

GSM1900_Ant 4		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1869.8		1850.2	1860	1869.8	
GSM 1 Tx slot		29.43	29.69	29.82	30.50	20.43	20.69	20.82	21.50
GPRS 1 Tx slot		29.40	29.67	29.74	30.50	20.40	20.67	20.74	21.50
GPRS 2 Tx slots		27.49	27.87	27.93	28.50	21.49	21.87	21.93	22.50
GPRS 3 Tx slots		26.26	26.57	26.72	27.50	22.00	22.31	22.46	23.24
GPRS 4 Tx slots		24.94	25.06	25.37	26.50	21.94	22.06	22.37	23.50
EDGE 1 Tx slot		25.88	25.84	25.88	27.00	16.88	16.84	16.88	18.00
EDGE 2 Tx slots		24.58	24.52	24.66	26.00	18.58	18.52	18.66	20.00
EDGE 3 Tx slots		22.35	22.78	22.28	23.50	18.09	18.52	18.02	19.24
EDGE 4 Tx slots		20.72	20.71	20.89	22.00	17.72	17.71	17.89	19.00

Band		WCDMA II_Ant-1			Tune-up Limit (dBm)	WCDMA II_Ant-1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.95	22.00	21.98	23.00	23.82	23.85	23.79	25.00
3GPP Rel 99	RMC 12.2Kbps	22.05	22.15	22.12	23.00	23.87	23.93	23.84	25.00
3GPP Rel 6	HSDPA Subtest-1	21.09	21.21	21.23	22.00	23.08	23.18	23.15	24.00
3GPP Rel 6	HSDPA Subtest-2	21.06	21.12	21.26	22.00	23.01	23.13	23.11	24.00
3GPP Rel 6	HSDPA Subtest-3	20.63	20.62	20.82	21.50	22.60	22.69	22.64	23.50
3GPP Rel 6	HSDPA Subtest-4	20.58	20.61	20.74	21.50	22.53	22.62	22.57	23.50
3GPP Rel 6	DC-HSDPA Subtest-1	20.97	21.12	21.18	22.00	22.96	23.07	23.01	24.00
3GPP Rel 6	DC-HSDPA Subtest-2	21.01	21.06	21.22	22.00	22.87	23.04	23.06	24.00
3GPP Rel 6	DC-HSDPA Subtest-3	20.62	20.57	20.72	21.50	22.55	22.55	22.62	23.50
3GPP Rel 6	DC-HSDPA Subtest-4	20.53	20.55	20.59	21.50	22.51	22.48	22.48	23.50
3GPP Rel 6	HSUPA Subtest-1	19.13	19.23	19.18	20.00	21.07	21.15	21.19	22.00
3GPP Rel 6	HSUPA Subtest-2	19.13	19.23	19.22	20.00	21.11	21.21	21.20	22.00
3GPP Rel 6	HSUPA Subtest-3	20.15	20.20	20.21	21.00	22.09	22.20	22.20	23.00
3GPP Rel 6	HSUPA Subtest-4	18.66	18.75	18.73	20.00	20.57	20.69	20.68	22.00
3GPP Rel 6	HSUPA Subtest-5	20.10	20.20	20.20	22.00	22.10	22.20	22.20	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.03	19.12	19.19	20.50	21.19	21.26	21.23	22.50

Band		WCDMA II_Ant-4			Tune-up Limit (dBm)	WCDMA IV_Ant-4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.80	24.00	23.94	25.00	23.78	23.81	23.74	25.00
3GPP Rel 99	RMC 12.2Kbps	24.90	24.95	24.92	25.00	23.83	23.85	23.78	25.00
3GPP Rel 6	HSDPA Subtest-1	23.22	23.26	23.26	24.00	22.96	23.07	23.09	24.00
3GPP Rel 6	HSDPA Subtest-2	23.21	23.27	23.25	24.00	22.93	23.05	23.10	24.00
3GPP Rel 6	HSDPA Subtest-3	22.78	22.78	22.79	23.50	22.44	22.59	22.60	23.50
3GPP Rel 6	HSDPA Subtest-4	22.73	22.74	22.71	23.50	22.45	22.55	22.53	23.50
3GPP Rel 6	DC-HSDPA Subtest-1	23.16	23.17	23.23	24.00	22.89	22.93	23.02	24.00
3GPP Rel 6	DC-HSDPA Subtest-2	23.17	23.22	23.20	24.00	22.89	23.02	22.96	24.00
3GPP Rel 6	DC-HSDPA Subtest-3	22.76	22.74	22.77	23.50	22.36	22.51	22.58	23.50
3GPP Rel 6	DC-HSDPA Subtest-4	22.58	22.73	22.58	23.50	22.30	22.46	22.49	23.50
3GPP Rel 6	HSUPA Subtest-1	21.25	21.30	21.26	22.00	20.93	21.04	21.06	22.00
3GPP Rel 6	HSUPA Subtest-2	21.29	21.34	21.29	22.00	20.98	21.09	21.04	22.00
3GPP Rel 6	HSUPA Subtest-3	22.26	22.31	22.33	23.00	22.00	22.09	22.12	23.00
3GPP Rel 6	HSUPA Subtest-4	20.82	20.78	20.75	22.00	20.40	20.62	20.65	22.00
3GPP Rel 6	HSUPA Subtest-5	22.30	22.32	22.30	24.00	22.00	22.10	22.10	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.21	21.25	21.23	22.50	21.11	21.19	21.08	22.50

Band		WCDMA V_Ant-0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.80	23.87	23.83	25.00
3GPP Rel 99	RMC 12.2Kbps	23.84	23.95	23.91	25.00
3GPP Rel 6	HSDPA Subtest-1	22.96	22.94	22.92	24.00
3GPP Rel 6	HSDPA Subtest-2	22.89	23.06	22.96	24.00
3GPP Rel 6	HSDPA Subtest-3	22.53	22.61	22.55	23.50
3GPP Rel 6	HSDPA Subtest-4	22.38	22.56	22.51	23.50
3GPP Rel 6	DC-HSDPA Subtest-1	22.84	22.90	22.91	24.00
3GPP Rel 6	DC-HSDPA Subtest-2	22.83	22.99	22.89	24.00
3GPP Rel 6	DC-HSDPA Subtest-3	22.47	22.51	22.41	23.50
3GPP Rel 6	DC-HSDPA Subtest-4	22.31	22.46	22.41	23.50
3GPP Rel 6	HSUPA Subtest-1	20.90	20.94	20.97	22.00
3GPP Rel 6	HSUPA Subtest-2	20.95	20.98	20.98	22.00
3GPP Rel 6	HSUPA Subtest-3	21.94	21.97	21.98	23.00
3GPP Rel 6	HSUPA Subtest-4	20.45	20.43	20.56	22.00
3GPP Rel 6	HSUPA Subtest-5	22.30	22.10	22.00	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.82	20.89	20.88	22.50

GSM850_Ant 4		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.05	32.26	32.11	33.00	23.05	23.26	23.11	24.00
GPRS 1 Tx slot		32.01	32.21	32.05	33.00	23.01	23.21	23.05	24.00
GPRS 2 Tx slots		30.12	30.26	30.13	31.00	24.12	24.26	24.13	25.00
GPRS 3 Tx slots		27.96	28.04	27.92	29.00	23.60	23.78	23.66	24.74
GPRS 4 Tx slots		26.72	26.87	26.77	28.00	23.72	23.87	23.77	25.00
EDGE 1 Tx slot		26.82	26.77	26.77	27.50	17.82	17.77	17.77	18.50
EDGE 2 Tx slots		25.70	25.68	25.65	26.50	19.70	19.68	19.65	20.50
EDGE 3 Tx slots		23.43	23.48	23.32	24.50	19.17	19.22	19.06	20.24
EDGE 4 Tx slots		22.27	22.27	22.24	23.50	19.27	19.27	19.24	20.50

GSM1900_Ant 2		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1869.8		1850.2	1860	1869.8	
GSM 1 Tx slot		29.66	29.79	29.74	30.50	20.66	20.79	20.74	21.50
GPRS 1 Tx slot		29.66	29.77	29.73	30.50	20.66	20.77	20.73	21.50
GPRS 2 Tx slots		27.86	27.90	27.90	28.52	21.78	21.82	21.82	22.50
GPRS 3 Tx slots		26.58	26.68	26.65	27.50	22.32	22.42	22.39	23.24
GPRS 4 Tx slots		25.27	25.35	25.36	26.50	22.27	22.35	22.38	23.50
EDGE 1 Tx slot		25.99	26.14	26.08	27.00	16.99	17.14	17.06	18.00
EDGE 2 Tx slots		24.78	24.88	24.84	26.00	16.78	16.88	16.84	18.00
EDGE 3 Tx slots		23.60	23.64	23.66	24.50	16.26	16.36	16.34	17.50
EDGE 4 Tx slots		21.26	21.31	21.28	22.50	16.26	16.31	16.34	20.00

Band 2_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	21.83	21.86	21.80	23	0		
20	QPSK	1	49	21.73	21.78	21.68				
20	QPSK	1	99	21.77	21.84	21.65				
20	QPSK	50	0	21.79	21.84	21.78	23	0		
20	QPSK	50	24	21.69	21.83	21.73				
20	QPSK	50	50	21.73	21.78	21.71				
20	QPSK	100	0	21.77	21.80	21.66	23	0		
20	16QAM	1	0	21.78	21.75	21.72				
20	16QAM	1	49	21.72	21.79	21.67				
20	16QAM	1	99	21.78	21.79	21.77	22.5	0.5		
20	16QAM	50	0	21.39	21.35	21.37				
20	16QAM	50	24	21.36	21.39	21.33				
20	16QAM	50	50	21.33	21.36	21.32	22.5	0.5		
20	16QAM	100	0	21.34	21.35	21.32				
20	64QAM	1	0	21.64	21.49	21.52				
20	64QAM	1	49	21.60	21.59	21.51	22.5	0.5		
20	64QAM	1	99	21.44	21.48	21.49				
20	64QAM	50	0	20.40	20.37	20.40				
20	64QAM	50	24	20.39	20.41	20.36	21.5	1.5		
20	64QAM	50	50	20.35	20.37	20.33				
20	64QAM	100	0	20.37	20.36	20.34				
Channel				18675	18900	19025	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	18800	1902.5				
15	QPSK	1	0	21.70	21.78	21.75	23	0		
15	QPSK	1	37	21.60	21.74	21.61				
15	QPSK	1	74	21.65	21.72	21.59				
15	QPSK	36	0	21.78	21.71	21.72	23	0		
15	QPSK	36	20	21.57	21.78	21.71				
15	QPSK	36	39	21.68	21.64	21.60				
15	QPSK	75	0	21.71	21.78	21.58	23	0		
15	16QAM	1	0	21.65	21.72	21.70				
15	16QAM	1	37	21.68	21.74	21.65				
15	16QAM	1	74	21.66	21.64	21.74	22.5	0.5		
15	16QAM	36	0	21.29	21.27	21.29				
15	16QAM	36	20	21.33	21.23	21.23				
15	16QAM	36	39	21.24	21.29	21.21	22.5	0.5		
15	16QAM	75	0	21.29	21.22	21.21				
15	64QAM	1	0	21.45	21.53	21.41				
15	64QAM	1	37	21.49	21.59	21.38	22.5	0.5		
15	64QAM	1	74	21.33	21.37	21.39				
15	64QAM	36	0	20.35	20.30	20.26				
15	64QAM	36	20	20.28	20.32	20.21	21.5	1.5		
15	64QAM	36	39	20.31	20.22	20.24				
15	64QAM	75	0	20.27	20.31	20.24				
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	18800	1905				
10	QPSK	1	0	21.75	21.74	21.78	23	0		
10	QPSK	1	25	21.69	21.75	21.60				
10	QPSK	1	49	21.62	21.81	21.52				
10	QPSK	25	0	21.64	21.78	21.76	23	0		
10	QPSK	25	12	21.62	21.78	21.60				
10	QPSK	25	25	21.71	21.68	21.56				
10	QPSK	50	0	21.64	21.68	21.59	23	0		
10	16QAM	1	0	21.69	21.65	21.61				
10	16QAM	1	25	21.71	21.68	21.53				
10	16QAM	1	49	21.65	21.65	21.70	22.5	0.5		
10	16QAM	25	0	21.25	21.25	21.25				
10	16QAM	25	12	21.35	21.31	21.22				
10	16QAM	25	25	21.32	21.32	21.18	22.5	0.5		
10	16QAM	50	0	21.22	21.26	21.24				
10	64QAM	1	0	21.44	21.58	21.37				
10	64QAM	1	25	21.49	21.45	21.47	22.5	0.5		
10	64QAM	1	49	21.41	21.43	21.48				
10	64QAM	25	0	20.27	20.39	20.33				
10	64QAM	25	12	20.26	20.34	20.21	21.5	1.5		
10	64QAM	25	25	20.25	20.20	20.23				
10	64QAM	50	0	20.28	20.36	20.20				
Channel				18625	18900	19125	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	18800	1907.5				
5	QPSK	1	0	21.70	21.74	21.73	23	0		
5	QPSK	1	12	21.61	21.77	21.63				
5	QPSK	1	24	21.69	21.82	21.62				
5	QPSK	12	0	21.67	21.70	21.64	23	0		
5	QPSK	12	7	21.63	21.75	21.65				
5	QPSK	12	13	21.58	21.75	21.67				
5	QPSK	25	0	21.62	21.72	21.62	23	0		
5	16QAM	1	0	21.68	21.71	21.59				
5	16QAM	1	12	21.70	21.75	21.60				
5	16QAM	1	24	21.65	21.70	21.63	22.5	0.5		
5	16QAM	12	0	21.34	21.31	21.30				
5	16QAM	12	7	21.33	21.34	21.19				
5	16QAM	12	13	21.26	21.19	21.19	22.5	0.5		
5	16QAM	25	0	21.28	21.32	21.22				
5	64QAM	1	0	21.44	21.50	21.39				
5	64QAM	1	12	21.54	21.47	21.44	22.5	0.5		
5	64QAM	1	24	21.35	21.34	21.42				
5	64QAM	12	0	20.33	20.37	20.25				
5	64QAM	12	7	20.40	20.29	20.23	21.5	1.5		
5	64QAM	12	13	20.30	20.29	20.30				
5	64QAM	25	0	20.32	20.27	20.21				
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1851.5	18800	1908.5				
3	QPSK	1	0	21.78	21.83	21.67	23	0		
3	QPSK	1	8	21.60	21.76	21.53				
3	QPSK	1	14	21.64	21.69	21.50				
3	QPSK	8	0	21.68	21.82	21.64	23	0		
3	QPSK	8	4	21.68	21.82	21.68				
3	QPSK	8	7	21.68	21.76	21.67				
3	QPSK	15	0	21.73	21.67	21.62	23	0		
3	16QAM	1	0	21.69	21.64	21.58				
3	16QAM	1	8	21.67	21.74	21.60				
3	16QAM	1	14	21.64	21.66	21.62	22.5	0.5		
3	16QAM	8	0	21.25	21.33	21.34				
3	16QAM	8	4	21.32	21.33	21.22				
3	16QAM	8	7	21.32	21.20	21.22	22.5	0.5		
3	16QAM	15	0	21.30	21.21	21.22				
3	64QAM	1	0	21.38	21.57	21.45				
3	64QAM	1	8	21.50	21.47	21.48	22.5	0.5		
3	64QAM	1	14	21.42	21.42	21.36				
3	64QAM	8	0	20.31	20.31	20.39				
3	64QAM	8	4	20.31	20.30	20.28	21.5	1.5		
3	64QAM	8	7	20.36	20.25	20.33				
3	64QAM	15	0	20.28	20.33	20.33				
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	18800	1909.3				
1.4	QPSK	1	0	21.72	21.83	21.79	23	0		
1.4	QPSK	1	3	21.63	21.66	21.61				
1.4	QPSK	1	3	21.74	21.74	21.74				
1.4	QPSK	3	0	21.70	21.75	21.75	23	0		
1.4	QPSK	3	1	21.64	21.74	21.64				
1.4	QPSK	3	3	21.63	21.78	21.71				
1.4	QPSK	6	0	21.69	21.80	21.68	23	0		
1.4	16QAM	1	0	21.57	21.80	21.69				
1.4	16QAM	1	3	21.63	21.63	21.67				
1.4	16QAM	3	5	21.69	21.71	21.61	23	0		
1.4	16QAM	3	1	21.66	21.72	21.63				
1.4	16QAM	3	1	21.71	21.65	21.65				
1.4	16QAM	3	3	21.64	21.72	21.64	22.5	0.5		
1.4	64QAM	1	0	21.39	21.59	21.38				
1.4	64QAM	1	3	21.55	21.53	21.44				
1.4	64QAM	1	5	21.47	21.32	21.47	22.5	0.5		
1.4	64QAM	3	0	21.47	21.59	21.37				
1.4	64QAM	3	1	21.56	21.48	21.44				
1.4	64QAM	3	3	21.46	21.32	21.39	21.5	1.5		
1.4	64QAM	6	0	20.35	20.31	20.30				

Band 4_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	23.25	23.30	23.27	24.5	0	
20	QPSK	1	49	23.22	23.26	23.20			
20	QPSK	1	99	23.11	23.15	23.22			
20	QPSK	50	0	22.29	22.31	22.27	23.5	1	
20	QPSK	50	24	22.27	22.22	22.25			
20	QPSK	50	50	22.21	22.16	22.26			
20	QPSK	100	0	22.24	22.23	22.26	23.5	1	
20	16QAM	1	0	22.52	22.53	22.49			
20	16QAM	1	49	22.53	22.51	22.48			
20	16QAM	1	99	22.44	22.36	22.50	22.5	2	
20	16QAM	50	0	21.23	21.20	21.21			
20	16QAM	50	24	21.26	21.19	21.26			
20	16QAM	50	50	21.22	21.20	21.26	22.5	2	
20	16QAM	100	0	21.22	21.21	21.24			
20	64QAM	1	0	21.34	21.45	21.41			
20	64QAM	1	49	21.42	21.43	21.46	22.5	2	
20	64QAM	1	99	21.27	21.25	21.42			
20	64QAM	50	0	20.24	20.22	20.21			
20	64QAM	50	24	20.27	20.21	20.27	21.5	3	
20	64QAM	50	50	20.21	20.19	20.27			
20	64QAM	100	0	20.23	20.19	20.25			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	23.15	23.16	23.22	24.5	0	
15	QPSK	1	37	23.09	23.16	23.13			
15	QPSK	1	74	23.10	23.03	23.12			
15	QPSK	36	0	22.22	22.17	22.17	23.5	1	
15	QPSK	36	20	22.12	22.19	22.24			
15	QPSK	36	39	22.11	22.06	22.15			
15	QPSK	75	0	22.09	22.21	22.25	23.5	1	
15	16QAM	1	0	22.49	22.41	22.34			
15	16QAM	1	37	22.39	22.49	22.40			
15	16QAM	1	74	22.40	22.30	22.42	22.5	2	
15	16QAM	36	0	21.22	21.05	21.15			
15	16QAM	36	20	21.16	21.05	21.19			
15	16QAM	36	39	21.09	21.13	21.13	22.5	2	
15	16QAM	75	0	21.13	21.10	21.20			
15	64QAM	1	0	21.27	21.39	21.28			
15	64QAM	1	37	21.30	21.38	21.37	22.5	2	
15	64QAM	1	74	21.13	21.21	21.33			
15	64QAM	36	0	20.17	20.18	20.07			
15	64QAM	36	20	20.26	20.20	20.26	21.5	3	
15	64QAM	36	39	20.11	20.05	20.21			
15	64QAM	75	0	20.20	20.08	20.20			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	23.14	23.18	23.18	24.5	0	
10	QPSK	1	25	23.07	23.12	23.19			
10	QPSK	1	49	23.06	23.07	23.19			
10	QPSK	25	0	22.16	22.21	22.21	23.5	1	
10	QPSK	25	12	22.14	22.11	22.10			
10	QPSK	25	25	22.14	22.14	22.14			
10	QPSK	50	0	22.18	22.14	22.14	23.5	1	
10	16QAM	1	0	22.39	22.43	22.38			
10	16QAM	1	25	22.51	22.47	22.42			
10	16QAM	1	49	22.37	22.34	22.47	22.5	2	
10	16QAM	25	0	21.18	21.19	21.07			
10	16QAM	25	12	21.15	21.09	21.17			
10	16QAM	25	25	21.07	21.13	21.25	22.5	2	
10	16QAM	50	0	21.17	21.14	21.20			
10	64QAM	1	0	21.25	21.33	21.30			
10	64QAM	1	25	21.38	21.36	21.40	22.5	2	
10	64QAM	1	49	21.17	21.13	21.29			
10	64QAM	25	0	20.13	20.08	20.06			
10	64QAM	25	12	20.23	20.07	20.25	21.5	3	
10	64QAM	25	25	20.12	20.07	20.21			
10	64QAM	50	0	20.15	20.05	20.20			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	23.16	23.18	23.24	24.5	0	
5	QPSK	1	12	23.09	23.18	23.24			
5	QPSK	1	24	23.06	23.00	23.10			
5	QPSK	12	0	22.14	22.24	22.16	23.5	1	
5	QPSK	12	7	22.20	22.16	22.14			
5	QPSK	12	13	22.18	22.15	22.21			
5	QPSK	25	0	22.23	22.28	22.14	23.5	1	
5	16QAM	1	0	22.40	22.41	22.35			
5	16QAM	1	12	22.50	22.37	22.34			
5	16QAM	1	24	22.33	22.35	22.45	22.5	2	
5	16QAM	12	0	21.17	21.06	21.16			
5	16QAM	12	7	21.17	21.07	21.21			
5	16QAM	12	13	21.16	21.07	21.25	22.5	2	
5	16QAM	25	0	21.13	21.05	21.09			
5	64QAM	1	0	21.20	21.39	21.40			
5	64QAM	1	12	21.31	21.36	21.45	22.5	2	
5	64QAM	1	24	21.25	21.11	21.33			
5	64QAM	12	0	20.14	20.20	20.14			
5	64QAM	12	7	20.16	20.11	20.14	21.5	3	
5	64QAM	12	13	20.13	20.16	20.25			
5	64QAM	25	0	20.11	20.11	20.23			
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	23.14	23.15	23.20	24.5	0	
3	QPSK	1	8	23.15	23.21	23.11			
3	QPSK	1	14	22.97	23.07	23.16			
3	QPSK	8	0	22.18	22.20	22.12	23.5	1	
3	QPSK	8	4	22.25	22.18	22.12			
3	QPSK	8	7	22.19	22.18	22.19			
3	QPSK	15	0	22.09	22.27	22.24	23.5	1	
3	16QAM	1	0	22.45	22.40	22.45			
3	16QAM	1	8	22.45	22.47	22.40			
3	16QAM	1	14	22.33	22.22	22.46	22.5	2	
3	16QAM	8	0	21.21	21.08	21.10			
3	16QAM	8	4	21.22	21.10	21.15			
3	16QAM	8	7	21.07	21.09	21.15	22.5	2	
3	16QAM	15	0	21.08	21.06	21.12			
3	64QAM	1	0	21.30	21.43	21.29			
3	64QAM	1	8	21.36	21.29	21.40	22.5	2	
3	64QAM	1	14	21.13	21.12	21.38			
3	64QAM	8	0	20.18	20.15	20.13			
3	64QAM	8	4	20.12	20.13	20.13	21.5	3	
3	64QAM	8	7	20.07	20.04	20.18			
3	64QAM	15	0	20.08	20.08	20.10			
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	23.15	23.22	23.17	24.5	0	
1.4	QPSK	1	3	23.20	23.23	23.23			
1.4	QPSK	1	5	22.98	23.12	23.18			
1.4	QPSK	3	0	23.14	23.25	23.25	23.5	1	
1.4	QPSK	3	1	23.07	23.24	23.19			
1.4	QPSK	3	3	23.01	23.08	23.21			
1.4	QPSK	6	0	22.12	22.26	22.12	23.5		
1.4	16QAM	1	0	22.48	22.38	22.36	23.5	1	
1.4	16QAM	1	3	22.40	22.39	22.38			
1.4	16QAM	1	5	22.40	22.35	22.45			
1.4	16QAM	3	0	22.38	22.38	22.38	22.5	2	
1.4	16QAM	3	1	22.51	22.40	22.47			
1.4	16QAM	3	3	22.43	22.30	22.46			
1.4	64QAM	1	0	21.33	21.38	21.36	22.5	2	
1.4	64QAM	1	3	21.29	21.37	21.41			
1.4	64QAM	1	5	21.21	21.13	21.36			
1.4	64QAM	3	0	21.22	21.43	21.26	21.5	3	
1.4	64QAM	3	1	21.26	21.38	21.30			
1.4	64QAM	3	3	21.21	21.17	21.35			
1.4	64QAM	6	0	20.16	20.11	20.22	21.5		

Band 5_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	25	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.78	23.87	23.86	24	1	
10	QPSK	1	25	23.66	23.74	23.53			
10	QPSK	1	49	23.70	23.82	23.74			
10	QPSK	25	0	22.64	22.77	22.74			
10	QPSK	25	12	22.63	22.67	22.72			
10	QPSK	25	25	22.63	22.69	22.70	23	2	
10	QPSK	50	0	22.67	22.75	22.73			
10	16QAM	1	0	22.74	22.93	22.97			
10	16QAM	1	25	22.74	22.74	23.02			
10	16QAM	1	49	22.71	23.00	22.97			
10	16QAM	25	0	21.66	21.63	21.74	23	2	
10	16QAM	25	12	21.60	21.71	21.69			
10	16QAM	25	25	21.60	21.76	21.71			
10	16QAM	50	0	21.62	21.73	21.71			
10	16QAM	1	0	21.93	22.06	21.96			
10	64QAM	1	25	21.85	21.77	21.95	23	2	
10	64QAM	1	49	21.84	21.98	21.81			
10	64QAM	25	0	20.60	20.73	20.66			
10	64QAM	25	12	20.52	20.62	20.69			
10	64QAM	25	25	20.66	20.68	20.81			
10	64QAM	50	0	20.63	20.68	20.74	22	3	
Channel				20425	20525	20625			
Frequency (MHz)				825.5	836.5	846.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.75	23.85	23.83	25	0	
5	QPSK	1	12	23.54	23.73	23.39			
5	QPSK	1	24	23.65	23.77	23.62			
5	QPSK	12	0	22.60	22.72	22.61			
5	QPSK	12	7	22.51	22.56	22.71			
5	QPSK	12	13	22.55	22.62	22.62	24	1	
5	QPSK	25	0	22.56	22.62	22.66			
5	16QAM	1	0	22.67	22.80	22.91			
5	16QAM	1	12	22.51	22.62	22.93			
5	16QAM	1	24	22.67	22.90	22.86			
5	16QAM	12	0	21.65	21.54	21.72	23	2	
5	16QAM	12	7	21.56	21.64	21.65			
5	16QAM	12	13	21.57	21.73	21.70			
5	16QAM	25	0	21.61	21.66	21.58			
5	64QAM	1	0	21.89	22.01	21.87			
5	64QAM	1	12	21.75	21.69	21.94	23	2	
5	64QAM	1	24	21.72	21.93	21.76			
5	64QAM	12	0	20.49	20.67	20.60			
5	64QAM	12	7	20.46	20.50	20.58			
5	64QAM	12	13	20.57	20.55	20.72			
5	64QAM	25	0	20.68	20.62	20.74	22	3	
Channel				20415	20525	20635			
Frequency (MHz)				825.5	836.5	847.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.74	23.81	23.76	25	0	
3	QPSK	1	8	23.52	23.66	23.39			
3	QPSK	1	14	23.61	23.69	23.70			
3	QPSK	8	0	22.57	22.76	22.71			
3	QPSK	8	4	22.62	22.59	22.69			
3	QPSK	8	7	22.60	22.61	22.69	24	1	
3	QPSK	15	0	22.59	22.73	22.64			
3	16QAM	1	0	22.62	22.89	22.88			
3	16QAM	1	8	22.72	22.68	22.97			
3	16QAM	1	14	22.68	22.88	22.91			
3	16QAM	8	0	21.65	21.57	21.63	23	2	
3	16QAM	8	4	21.48	21.63	21.63			
3	16QAM	8	7	21.59	21.64	21.64			
3	16QAM	15	0	21.53	21.61	21.56			
3	64QAM	1	0	21.80	21.95	21.95			
3	64QAM	1	8	21.78	21.69	21.88	23	2	
3	64QAM	1	14	21.70	21.85	21.70			
3	64QAM	8	0	20.49	20.66	20.51			
3	64QAM	8	4	20.42	20.48	20.57			
3	64QAM	8	7	20.63	20.65	20.73			
3	64QAM	15	0	20.68	20.59	20.65	22	3	
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	23.69	23.72	23.84	25	0	
1.4	QPSK	1	3	23.51	23.71	23.45			
1.4	QPSK	1	5	23.57	23.77	23.65			
1.4	QPSK	3	0	23.71	23.80	23.85			
1.4	QPSK	3	1	23.63	23.68	23.45			
1.4	QPSK	3	3	23.69	23.70	23.73	24	1	
1.4	QPSK	6	0	22.58	22.61	22.65			
1.4	16QAM	1	0	22.73	22.91	22.88			
1.4	16QAM	1	3	22.64	22.59	23.00			
1.4	16QAM	1	5	22.66	22.86	22.84			
1.4	16QAM	3	0	22.73	22.86	22.87	24	1	
1.4	16QAM	3	1	22.64	22.71	23.01			
1.4	16QAM	3	3	22.59	22.88	22.86			
1.4	16QAM	6	0	21.57	21.64	21.67			
1.4	64QAM	1	0	21.92	21.93	21.87			
1.4	64QAM	1	3	21.82	21.73	21.92	23	2	
1.4	64QAM	1	5	21.80	21.92	21.80			
1.4	64QAM	3	0	21.49	21.75	21.69			
1.4	64QAM	3	1	21.53	21.68	21.70			
1.4	64QAM	3	3	21.98	21.99	21.97			
1.4	64QAM	6	0	20.60	20.59	20.77	22	3	

Band 5_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	25	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.63	23.66	23.64	24	1	
10	QPSK	1	25	23.49	23.44	23.50			
10	QPSK	1	49	23.47	23.61	23.57			
10	QPSK	25	0	22.59	22.63	22.55			
10	QPSK	25	12	22.54	22.49	22.50			
10	QPSK	25	25	22.55	22.56	22.47	23	2	
10	QPSK	50	0	22.56	22.60	22.52			
10	16QAM	1	0	22.85	23.05	22.80			
10	16QAM	1	25	22.71	22.81	23.01			
10	16QAM	1	49	22.88	22.87	22.93			
10	16QAM	25	0	21.57	21.47	21.60	23	2	
10	16QAM	25	12	21.62	21.42	21.64			
10	16QAM	25	25	21.61	21.48	21.62			
10	16QAM	50	0	21.61	21.46	21.61			
10	64QAM	1	0	21.75	21.87	21.80			
10	64QAM	1	25	21.76	21.60	21.66	23	2	
10	64QAM	1	49	21.62	21.68	21.94			
10	64QAM	25	0	20.50	20.53	20.61			
10	64QAM	25	12	20.49	20.46	20.48			
10	64QAM	25	25	20.52	20.58	20.52			
10	64QAM	50	0	20.51	20.51	20.61	22	3	
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.51	23.64	23.58	25	0	
5	QPSK	1	12	23.41	23.42	23.42			
5	QPSK	1	24	23.32	23.59	23.52			
5	QPSK	12	0	22.48	22.58	22.40			
5	QPSK	12	7	22.52	22.46	22.45			
5	QPSK	12	13	22.40	22.54	22.33	24	1	
5	QPSK	25	0	22.54	22.57	22.48			
5	16QAM	1	0	22.84	23.03	22.66			
5	16QAM	1	12	22.58	22.71	22.90			
5	16QAM	1	24	22.80	22.84	22.92			
5	16QAM	12	0	21.49	21.46	21.53	23	2	
5	16QAM	12	7	21.58	21.30	21.53			
5	16QAM	12	13	21.53	21.41	21.61			
5	16QAM	25	0	21.58	21.60	21.58			
5	64QAM	1	0	21.63	21.85	21.75			
5	64QAM	1	12	21.61	21.56	21.64	23	2	
5	64QAM	1	24	21.48	21.59	21.85			
5	64QAM	12	0	20.40	20.40	20.48			
5	64QAM	12	7	20.34	20.36	20.36			
5	64QAM	12	13	20.40	20.56	20.41			
5	64QAM	25	0	20.42	20.50	20.55	22	3	
Channel				20415	20525	20635			
Frequency (MHz)				825.5	836.5	847.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.54	23.64	23.61	25	0	
3	QPSK	1	8	23.35	23.41	23.40			
3	QPSK	1	14	23.41	23.53	23.48			
3	QPSK	8	0	22.53	22.61	22.42			
3	QPSK	8	4	22.43	22.44	22.40			
3	QPSK	8	7	22.41	22.52	22.40	24	1	
3	QPSK	15	0	22.54	22.56	22.44			
3	16QAM	1	0	22.80	22.93	22.73			
3	16QAM	1	8	22.70	22.78	22.89			
3	16QAM	1	14	22.77	22.83	22.83			
3	16QAM	8	0	21.53	21.37	21.46	23	2	
3	16QAM	8	4	21.57	21.39	21.53			
3	16QAM	8	7	21.53	21.37	21.56			
3	16QAM	15	0	21.59	21.31	21.47			
3	64QAM	1	0	21.63	21.78	21.79			
3	64QAM	1	8	21.65	21.53	21.55	23	2	
3	64QAM	1	14	21.55	21.61	21.88			
3	64QAM	8	0	20.49	20.41	20.60			
3	64QAM	8	4	20.36	20.44	20.36			
3	64QAM	8	7	20.47	20.52	20.40			
3	64QAM	15	0	20.43	20.42	20.48	22	3	
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	23.57	23.56	23.57	25	0	
1.4	QPSK	1	3	23.46	23.42	23.43			
1.4	QPSK	1	5	23.37	23.51	23.40			
1.4	QPSK	3	0	23.54	23.60	23.54			
1.4	QPSK	3	1	23.45	23.29	23.49			
1.4	QPSK	3	3	23.46	23.54	23.45	24	1	
1.4	QPSK	6	0	22.43	22.47	22.39			
1.4	16QAM	1	0	22.78	22.99	22.67			
1.4	16QAM	1	3	22.60	22.69	22.80			
1.4	16QAM	1	5	22.87	22.79	22.87			
1.4	16QAM	3	0	22.80	23.02	22.79	24	1	
1.4	16QAM	3	1	22.66	22.79	22.90			
1.4	16QAM	3	3	22.74	22.72	22.86			
1.4	16QAM	6	0	21.50	21.37	21.58			
1.4	64QAM	1	0	21.71	21.77	21.67			
1.4	64QAM	1	3	21.62	21.53	21.63	23	2	
1.4	64QAM	1	5	21.51	21.67	21.83			
1.4	64QAM	3	0	21.61	21.85	21.68			
1.4	64QAM	3	1	21.63	21.59	21.57			
1.4	64QAM	3	3	21.60	21.54	21.91			
1.4	64QAM	6	0	20.45	20.42	20.50	22	3	

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.75	23.86	23.77			
20	QPSK	1	49	23.69	23.77	23.70	24.5	0	
20	QPSK	1	99	23.72	23.85	23.71			
20	QPSK	50	0	22.73	22.79	22.76			
20	QPSK	50	24	22.66	22.74	22.73	23.5	1	
20	QPSK	50	50	22.69	22.77	22.71			
20	QPSK	100	0	22.67	22.78	22.69			
20	16QAM	1	0	22.82	22.90	22.85			
20	16QAM	1	49	22.88	22.91	22.85	23.5	1	
20	16QAM	1	99	22.79	23.10	23.13			
20	16QAM	50	0	21.59	21.79	21.72			
20	16QAM	50	24	21.66	21.75	21.69	22.5	2	
20	16QAM	50	50	21.74	21.75	21.71			
20	16QAM	100	0	21.66	21.73	21.71			
20	64QAM	1	0	21.80	22.06	22.05			
20	64QAM	1	49	21.77	21.91	21.85	22.5	2	
20	64QAM	1	99	21.80	21.93	22.13			
20	64QAM	50	0	20.61	20.76	20.76			
20	64QAM	50	24	20.68	20.82	20.71	21.5	3	
20	64QAM	50	50	20.71	20.80	20.70			
20	64QAM	100	0	20.65	20.78	20.72			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	23.67	23.79	23.76			
15	QPSK	1	37	23.59	23.65	23.69	24.5	0	
15	QPSK	1	74	23.64	23.70	23.67			
15	QPSK	36	0	22.67	22.70	22.67			
15	QPSK	36	20	22.65	22.66	22.71	23.5	1	
15	QPSK	36	39	22.66	22.69	22.70			
15	QPSK	75	0	22.58	22.75	22.60			
15	16QAM	1	0	22.67	22.86	22.88			
15	16QAM	1	37	22.83	22.80	22.76	23.5	1	
15	16QAM	1	74	22.70	23.03	23.11			
15	16QAM	36	0	21.50	21.71	21.64			
15	16QAM	36	20	21.61	21.63	21.60	22.5	2	
15	16QAM	36	39	21.62	21.68	21.58			
15	16QAM	75	0	21.60	21.71	21.59			
15	64QAM	1	0	21.69	22.05	22.01			
15	64QAM	1	37	21.73	21.89	21.73	22.5	2	
15	64QAM	1	74	21.67	21.78	22.06			
15	64QAM	36	0	20.57	20.69	20.62			
15	64QAM	36	20	20.58	20.81	20.56	21.5	3	
15	64QAM	36	39	20.56	20.77	20.69			
15	64QAM	75	0	20.51	20.74	20.62			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	23.65	23.79	23.72			
10	QPSK	1	25	23.64	23.69	23.63	24.5	0	
10	QPSK	1	49	23.64	23.70	23.70			
10	QPSK	25	0	22.62	22.66	22.72			
10	QPSK	25	12	22.57	22.67	22.64	23.5	1	
10	QPSK	25	25	22.64	22.63	22.69			
10	QPSK	50	0	22.54	22.73	22.64			
10	16QAM	1	0	22.75	22.80	22.88			
10	16QAM	1	25	22.80	22.88	22.77	23.5	1	
10	16QAM	1	49	22.75	23.08	23.05			
10	16QAM	25	0	21.52	21.73	21.65			
10	16QAM	25	12	21.56	21.64	21.57	22.5	2	
10	16QAM	25	25	21.62	21.67	21.68			
10	16QAM	50	0	21.51	21.67	21.70			
10	64QAM	1	0	21.72	21.98	21.90			
10	64QAM	1	25	21.67	21.81	21.84	22.5	2	
10	64QAM	1	49	21.67	21.81	22.04			
10	64QAM	25	0	20.48	20.74	20.74			
10	64QAM	25	12	20.65	20.73	20.69	21.5	3	
10	64QAM	25	25	20.60	20.72	20.62			
10	64QAM	50	0	20.62	20.72	20.65			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	23.60	23.85	23.65			
5	QPSK	1	12	23.57	23.74	23.62	24.5	0	
5	QPSK	1	24	23.66	23.84	23.68			
5	QPSK	12	0	22.62	22.68	22.67			
5	QPSK	12	7	22.62	22.59	22.72	23.5	1	
5	QPSK	12	13	22.63	22.66	22.59			
5	QPSK	25	0	22.56	22.65	22.65			
5	16QAM	1	0	22.73	22.81	22.89			
5	16QAM	1	12	22.75	22.84	22.72	23.5	1	
5	16QAM	1	24	22.74	22.99	22.99			
5	16QAM	12	0	21.55	21.65	21.67			
5	16QAM	12	7	21.57	21.64	21.58	22.5	2	
5	16QAM	12	13	21.61	21.67	21.65			
5	16QAM	25	0	21.52	21.62	21.60			
5	64QAM	1	0	21.70	22.04	21.98			
5	64QAM	1	12	21.64	21.82	21.77	22.5	2	
5	64QAM	1	24	21.70	21.88	22.01			
5	64QAM	12	0	20.59	20.64	20.62			
5	64QAM	12	7	20.57	20.68	20.67	21.5	3	
5	64QAM	12	13	20.62	20.75	20.57			
5	64QAM	25	0	20.62	20.73	20.68			

Band 7_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	24.5	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.53	23.67	23.55			
20	QPSK	1	49	23.49	23.65	23.50			
20	QPSK	1	99	23.41	23.53	23.51	23.5	1	
20	QPSK	50	0	22.52	22.60	22.51			
20	QPSK	50	24	22.49	22.58	22.39			
20	QPSK	50	50	22.51	22.52	22.47			
20	QPSK	100	0	22.48	22.52	22.43	23.5	1	
20	16QAM	1	0	22.62	22.90	22.70			
20	16QAM	1	49	22.69	22.66	22.70			
20	16QAM	1	99	22.76	22.69	22.80			
20	16QAM	50	0	21.51	21.47	21.46	22.5	2	
20	16QAM	50	24	21.50	21.51	21.42			
20	16QAM	50	50	21.50	21.44	21.46			
20	16QAM	100	0	21.51	21.47	21.44			
20	64QAM	1	0	21.75	21.76	21.68	22.5	2	
20	64QAM	1	49	21.79	21.61	21.71			
20	64QAM	1	99	21.70	21.52	21.65			
20	64QAM	50	0	20.53	20.51	20.43			
20	64QAM	50	24	20.48	20.51	20.45	21.5	3	
20	64QAM	50	50	20.58	20.51	20.41			
20	64QAM	100	0	20.54	20.51	20.41			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	24.5	0	
15	QPSK	1	0	23.51	23.66	23.43			
15	QPSK	1	37	23.37	23.63	23.45			
15	QPSK	1	74	23.33	23.44	23.49			
15	QPSK	36	0	22.50	22.46	22.50	23.5	1	
15	QPSK	36	20	22.43	22.48	22.32			
15	QPSK	36	39	22.44	22.42	22.36			
15	QPSK	75	0	22.39	22.44	22.36			
15	16QAM	1	0	22.62	22.78	22.66	23.5	1	
15	16QAM	1	37	22.63	22.52	22.59			
15	16QAM	1	74	22.65	22.64	22.65			
15	16QAM	36	0	21.36	21.40	21.38			
15	16QAM	36	20	21.44	21.50	21.32	22.5	2	
15	16QAM	36	39	21.56	21.61	21.38			
15	16QAM	75	0	21.40	21.33	21.32			
15	64QAM	1	0	21.69	21.67	21.64			
15	64QAM	1	37	21.68	21.47	21.64	22.5	2	
15	64QAM	1	74	21.61	21.42	21.50			
15	64QAM	36	0	20.48	20.48	20.41			
15	64QAM	36	20	20.36	20.46	20.42			
15	64QAM	36	39	20.51	20.36	20.39	21.5	3	
15	64QAM	75	0	20.47	20.50	20.34			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506	2535	2565	24.5	0	
10	QPSK	1	0	23.38	23.55	23.48			
10	QPSK	1	25	23.45	23.40	23.38			
10	QPSK	1	49	23.40	23.50	23.40			
10	QPSK	25	0	22.48	22.58	22.48	23.5	1	
10	QPSK	25	12	22.41	22.43	22.31			
10	QPSK	25	25	22.42	22.42	22.36			
10	QPSK	50	0	22.36	22.50	22.41			
10	16QAM	1	0	22.50	22.77	22.65	23.5	1	
10	16QAM	1	25	22.64	22.51	22.65			
10	16QAM	1	49	22.75	22.60	22.75			
10	16QAM	25	12	22.41	22.43	21.41			
10	16QAM	25	12	21.44	21.39	21.38	22.5	2	
10	16QAM	25	25	21.50	21.36	21.37			
10	16QAM	50	0	21.36	21.45	21.37			
10	16QAM	1	0	21.69	21.65	21.63			
10	64QAM	1	25	21.68	21.52	21.65	22.5	2	
10	64QAM	1	49	21.68	21.49	21.62			
10	64QAM	25	0	20.48	20.41	20.33			
10	64QAM	25	12	20.39	20.42	20.34			
10	64QAM	25	12	20.41	20.43	20.36	21.5	3	
10	64QAM	50	0	20.45	20.46	20.32			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	24.5	0	
5	QPSK	1	0	23.40	23.66	23.41			
5	QPSK	1	12	23.41	23.62	23.38			
5	QPSK	1	24	23.28	23.38	23.40			
5	QPSK	12	0	22.41	22.48	22.36	23.5	1	
5	QPSK	12	7	22.47	22.48	22.36			
5	QPSK	12	13	22.48	22.43	22.32			
5	QPSK	25	0	22.44	22.44	22.34			
5	16QAM	1	0	22.62	22.62	22.65	23.5	1	
5	16QAM	1	12	22.41	22.43	22.62			
5	16QAM	1	24	22.69	22.62	22.77			
5	16QAM	12	0	21.50	21.45	21.40			
5	16QAM	12	7	21.38	21.50	21.40	22.5	2	
5	16QAM	12	13	21.49	21.35	21.41			
5	16QAM	25	0	21.38	21.41	21.41			
5	64QAM	1	0	21.62	21.67	21.61			
5	64QAM	1	12	21.75	21.64	21.56	22.5	2	
5	64QAM	1	24	21.68	21.49	21.52			
5	64QAM	12	0	20.46	20.43	20.34			
5	64QAM	12	7	20.40	20.41	20.42			
5	64QAM	12	13	20.49	20.40	20.36	21.5	3	
5	64QAM	25	0	20.40	20.41	20.27			

Band 12_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130	24.5	0		
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	23.66	23.72	23.69				
10	QPSK	1	25	23.60	23.64	23.54	23.5	1		
10	QPSK	1	49	23.62	23.43	23.38				
10	QPSK	25	0	22.55	22.60	22.53				
10	QPSK	25	12	22.51	22.52	22.51	23.5	1		
10	QPSK	25	25	22.53	22.56	22.45				
10	QPSK	50	0	22.53	22.58	22.47				
10	16QAM	1	0	22.95	22.63	22.99	23.5	1		
10	16QAM	1	25	22.94	22.69	22.70				
10	16QAM	1	49	22.99	22.76	22.64				
10	16QAM	25	0	21.52	21.64	21.46	22.5	2		
10	16QAM	25	12	21.43	21.53	21.43				
10	16QAM	25	25	21.60	21.54	21.44				
10	16QAM	50	0	21.56	21.56	21.44	22.5	2		
10	64QAM	1	0	21.75	21.73	21.87				
10	64QAM	1	25	21.85	21.90	21.77				
10	64QAM	1	49	21.71	21.69	21.84	21.5	3		
10	64QAM	25	0	20.53	20.50	20.49				
10	64QAM	25	12	20.58	20.52	20.48				
10	64QAM	25	25	20.51	20.49	20.49	21.5	3		
10	64QAM	50	0	20.53	20.52	20.46				
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				703.5	707.5	713.5	24.5	0		
5	QPSK	1	0	23.55	23.70	23.57				
5	QPSK	1	12	23.49	23.55	23.49				
5	QPSK	1	24	23.54	23.34	23.28	23.5	1		
5	QPSK	12	0	22.53	22.51	22.50				
5	QPSK	12	7	22.49	22.49	22.37				
5	QPSK	12	13	22.48	22.51	22.31	23.5	1		
5	QPSK	25	0	22.44	22.52	22.42				
5	16QAM	1	0	22.87	22.57	22.90				
5	16QAM	1	12	22.87	22.61	22.67	23.5	1		
5	16QAM	1	24	22.95	22.68	22.52				
5	16QAM	12	0	21.46	21.59	21.41				
5	16QAM	12	7	21.40	21.50	21.29	22.5	2		
5	16QAM	12	13	21.54	21.43	21.30				
5	16QAM	25	0	21.44	21.42	21.37				
5	64QAM	1	0	21.71	21.71	21.81	22.5	2		
5	64QAM	1	12	21.81	21.88	21.74				
5	64QAM	1	24	21.66	21.65	21.71				
5	64QAM	12	0	20.39	20.36	20.40	21.5	3		
5	64QAM	12	7	20.55	20.46	20.35				
5	64QAM	12	13	20.48	20.39	20.48				
5	64QAM	25	0	20.44	20.39	20.42	21.5	3		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				700.5	707.5	714.5	24.5	0		
3	QPSK	1	0	23.58	23.63	23.68				
3	QPSK	1	8	23.53	23.59	23.44				
3	QPSK	1	14	23.56	23.35	23.37	23.5	1		
3	QPSK	8	0	22.43	22.59	22.48				
3	QPSK	8	4	22.46	22.42	22.45				
3	QPSK	8	7	22.49	22.55	22.43	23.5	1		
3	QPSK	15	0	22.48	22.49	22.40				
3	16QAM	1	0	22.91	22.57	22.96				
3	16QAM	1	8	22.91	22.65	22.68	23.5	1		
3	16QAM	1	14	22.93	22.66	22.55				
3	16QAM	8	0	21.47	21.53	21.43				
3	16QAM	8	4	21.42	21.46	21.30	22.5	2		
3	16QAM	8	7	21.55	21.43	21.41				
3	16QAM	15	0	21.49	21.50	21.39				
3	64QAM	1	0	21.64	21.67	21.81	22.5	2		
3	64QAM	1	8	21.81	21.83	21.74				
3	64QAM	1	14	21.68	21.66	21.83				
3	64QAM	8	0	20.52	20.40	20.43	21.5	3		
3	64QAM	8	4	20.48	20.48	20.34				
3	64QAM	8	7	20.43	20.41	20.43				
3	64QAM	15	0	20.40	20.49	20.35	21.5	3		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				699.7	707.5	715.3	24.5	0		
1.4	QPSK	1	0	23.56	23.60	23.67				
1.4	QPSK	1	3	23.57	23.60	23.40				
1.4	QPSK	1	5	23.51	23.41	23.25	23.5	1		
1.4	QPSK	3	0	23.65	23.66	23.67				
1.4	QPSK	3	1	23.53	23.62	23.48				
1.4	QPSK	3	3	23.57	23.42	23.27	23.5	1		
1.4	QPSK	6	0	22.39	22.47	22.43				
1.4	16QAM	1	0	22.93	22.51	22.88				
1.4	16QAM	1	3	22.80	22.55	22.61	23.5	1		
1.4	16QAM	1	5	22.87	22.64	22.50				
1.4	16QAM	3	0	22.89	22.48	22.93				
1.4	16QAM	3	1	22.93	22.59	22.63	22.5	2		
1.4	16QAM	3	3	22.85	22.62	22.56				
1.4	16QAM	6	0	21.52	21.51	21.37				
1.4	64QAM	1	0	21.70	21.69	21.79	22.5	2		
1.4	64QAM	1	3	21.74	21.82	21.67				
1.4	64QAM	1	5	21.59	21.56	21.82				
1.4	64QAM	3	0	21.70	21.63	21.79	21.5	3		
1.4	64QAM	3	1	21.79	21.81	21.72				
1.4	64QAM	3	3	21.63	21.54	21.73				
1.4	64QAM	6	0	20.52	20.45	20.44	21.5	3		

Band 17_Ant 0												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				23750	23790	23800						
Frequency (MHz)				709	710	711						
10	QPSK	1	0	23.35	23.40	23.38	24.5	0				
10	QPSK	1	25	23.33	23.38	23.30						
10	QPSK	1	49	23.30	23.23	23.24						
10	QPSK	25	0	22.31	22.33	22.28						
10	QPSK	25	12	22.25	22.31	22.25	23.5	1				
10	QPSK	25	25	22.29	22.21	22.25						
10	QPSK	50	0	22.25	22.25	22.21						
10	16QAM	1	0	22.45	22.25	22.50						
10	16QAM	1	25	22.58	22.41	22.60	23.5	1				
10	16QAM	1	49	22.43	22.42	22.61						
10	16QAM	25	0	21.19	21.21	21.19						
10	16QAM	25	12	21.18	21.32	21.23						
10	16QAM	25	25	21.22	21.27	21.18	22.5	2				
10	16QAM	50	0	21.20	21.29	21.19						
10	84QAM	1	0	21.46	21.32	21.38						
10	84QAM	1	25	21.40	21.52	21.54						
10	84QAM	1	49	21.52	21.34	21.56	22.5	2				
10	84QAM	25	0	20.30	20.18	20.25						
10	84QAM	25	12	20.23	20.22	20.29						
10	84QAM	25	25	20.32	20.22	20.26						
10	84QAM	50	0	20.23	20.20	20.24	21.5	3				
Channel				23755	23790	23825						
Frequency (MHz)				706.5	710	713.5						
5	QPSK	1	0	23.33	23.35	23.23				23.5	0	
5	QPSK	1	12	23.33	23.35	23.09						
5	QPSK	1	24	23.26	23.10	23.24						
5	QPSK	12	0	22.26	22.18	22.22						
5	QPSK	12	7	22.16	22.27	22.18	23.5	1				
5	QPSK	12	13	22.16	22.18	22.22						
5	QPSK	25	0	22.17	22.23	22.12						
5	16QAM	1	0	22.39	22.17	22.48						
5	16QAM	1	12	22.57	22.40	22.52	23.5	1				
5	16QAM	1	24	22.41	22.19	22.46						
5	16QAM	12	0	21.12	21.14	21.07						
5	16QAM	12	7	21.12	21.19	21.11						
5	16QAM	12	13	21.11	21.15	21.09	22.5	2				
5	16QAM	25	0	21.14	21.24	21.12						
5	84QAM	1	0	21.45	21.20	21.35						
5	84QAM	1	12	21.29	21.40	21.44						
5	84QAM	1	24	21.44	21.27	21.56	22.5	2				
5	84QAM	12	0	20.17	20.17	20.09						
5	84QAM	12	7	20.21	20.10	20.23						
5	84QAM	12	13	20.23	20.19	20.24						
5	84QAM	25	0	20.17	20.06	20.13	21.5	3				

Band 26(FCC)_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.82	23.92	23.85	24.5	0	
15	QPSK	1	37	23.72	23.88	23.82			
15	QPSK	1	74	23.77	23.89	23.79			
15	QPSK	36	0	22.77	22.88	22.82	23.5	1	
15	QPSK	36	20	22.71	22.83	22.78			
15	QPSK	36	39	22.74	22.82	22.75			
15	QPSK	75	0	22.71	22.84	22.80	23.5	1	
15	16QAM	1	0	22.99	23.05	23.11			
15	16QAM	1	37	22.80	23.08	22.90			
15	16QAM	1	74	23.00	23.02	23.10	22.5	2	
15	16QAM	36	0	21.65	21.78	21.86			
15	16QAM	36	20	21.76	21.83	21.94			
15	16QAM	36	39	21.76	21.86	21.83	22.5	2	
15	16QAM	75	0	21.75	21.87	21.91			
15	64QAM	1	37	22.08	21.94	22.05			
15	64QAM	1	74	22.13	22.15	22.06	21.5	3	
15	64QAM	36	0	20.77	20.77	20.90			
15	64QAM	36	20	20.74	20.82	20.87			
15	64QAM	36	39	20.82	20.84	20.90			
15	64QAM	75	0	20.73	20.84	20.88			
Channel				26740	26865	26960	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.75	23.83	23.77			
10	QPSK	1	25	23.64	23.84	23.68	24.5	0	
10	QPSK	1	49	23.63	23.83	23.69			
10	QPSK	25	0	22.68	22.76	22.75			
10	QPSK	25	12	22.68	22.78	22.65	23.5	1	
10	QPSK	25	25	22.73	22.79	22.73			
10	QPSK	50	0	22.59	22.80	22.68			
10	16QAM	1	0	22.95	23.03	23.10	23.5	1	
10	16QAM	1	25	22.70	23.03	22.76			
10	16QAM	1	49	22.96	23.01	23.05			
10	16QAM	25	0	21.52	21.67	21.75	22.5	2	
10	16QAM	25	12	21.69	21.69	21.87			
10	16QAM	25	25	21.65	21.71	21.71			
10	16QAM	50	0	21.74	21.73	21.88	22.5	2	
10	64QAM	1	0	21.89	22.04	22.00			
10	64QAM	1	25	21.98	21.92	21.97			
10	64QAM	1	49	22.00	22.05	22.05	21.5	3	
10	64QAM	25	0	20.70	20.82	20.80			
10	64QAM	25	12	20.61	20.70	20.84			
10	64QAM	25	25	20.71	20.79	20.85	21.5	3	
10	64QAM	50	0	20.65	20.77	20.74			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.70	23.90	23.77			
5	QPSK	1	12	23.70	23.86	23.81	24.5	0	
5	QPSK	1	24	23.75	23.81	23.66			
5	QPSK	12	0	22.63	22.78	22.72			
5	QPSK	12	7	22.61	22.68	22.66	23.5	1	
5	QPSK	12	13	22.71	22.68	22.71			
5	QPSK	25	0	22.61	22.82	22.78			
5	16QAM	1	0	22.96	22.95	23.05	23.5	1	
5	16QAM	1	12	22.69	22.99	22.75			
5	16QAM	1	24	22.91	22.92	23.06			
5	16QAM	12	0	21.60	21.64	21.80	22.5	2	
5	16QAM	12	7	21.67	21.68	21.89			
5	16QAM	12	13	21.71	21.85	21.76			
5	16QAM	25	0	21.66	21.76	21.89	22.5	2	
5	64QAM	1	0	21.76	22.00	22.05			
5	64QAM	1	12	22.04	21.81	21.94			
5	64QAM	1	24	22.05	22.09	22.04	21.5	3	
5	64QAM	12	0	20.67	20.72	20.85			
5	64QAM	12	7	20.73	20.79	20.78			
5	64QAM	12	13	20.74	20.78	20.80	21.5	3	
5	64QAM	25	0	20.72	20.83	20.80			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.72	23.84	23.73			
3	QPSK	1	8	23.61	23.82	23.72	24.5	0	
3	QPSK	1	14	23.70	23.88	23.73			
3	QPSK	8	0	22.75	22.85	22.71			
3	QPSK	8	4	22.63	22.76	22.75	23.5	1	
3	QPSK	8	7	22.59	22.69	22.68			
3	QPSK	15	0	22.70	22.80	22.76			
3	16QAM	1	0	22.85	23.03	23.09	23.5	1	
3	16QAM	1	8	22.67	22.96	22.85			
3	16QAM	1	14	22.88	22.88	22.97			
3	16QAM	8	0	21.50	21.63	21.79	22.5	2	
3	16QAM	8	4	21.69	21.68	21.93			
3	16QAM	8	7	21.66	21.73	21.76			
3	16QAM	15	0	21.63	21.73	21.78	22.5	2	
3	64QAM	1	0	21.82	21.98	21.99			
3	64QAM	1	8	21.98	21.84	21.95			
3	64QAM	1	14	22.00	22.08	22.00	21.5	3	
3	64QAM	8	0	20.62	20.62	20.78			
3	64QAM	8	4	20.61	20.81	20.78			
3	64QAM	8	7	20.71	20.74	20.80	21.5	3	
3	64QAM	15	0	20.72	20.73	20.84			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.73	23.80	23.77			
1.4	QPSK	1	3	23.59	23.79	23.73	24.5	0	
1.4	QPSK	1	5	23.65	23.74	23.75			
1.4	QPSK	3	0	23.72	23.77	23.77			
1.4	QPSK	3	1	23.63	23.78	23.72	23.5	1	
1.4	QPSK	3	3	23.63	23.82	23.77			
1.4	QPSK	6	0	22.64	22.70	22.76			
1.4	16QAM	1	0	22.87	23.02	23.03	23.5	1	
1.4	16QAM	1	3	22.65	22.94	22.88			
1.4	16QAM	1	5	22.99	22.89	22.97			
1.4	16QAM	3	0	22.95	22.94	23.10	22.5	2	
1.4	16QAM	3	1	22.68	23.03	22.79			
1.4	16QAM	3	3	22.94	22.93	22.97			
1.4	16QAM	6	0	21.71	21.76	21.81	22.5	2	
1.4	64QAM	1	0	21.81	21.97	22.04			
1.4	64QAM	1	3	22.00	21.87	22.00			
1.4	64QAM	1	5	22.01	22.08	22.01	22.5	2	
1.4	64QAM	3	0	21.89	22.07	21.98			
1.4	64QAM	3	1	21.94	21.87	21.93			
1.4	64QAM	3	3	22.10	22.09	21.97	21.5	3	
1.4	64QAM	6	0	20.68	20.73	20.80			

Band 26(FCC)_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.72	23.75	23.69	24.5	0	
15	QPSK	1	37	23.47	23.57	23.58			
15	QPSK	1	74	23.46	23.55	23.66			
15	QPSK	36	0	22.62	22.66	22.55	23.5	1	
15	QPSK	36	20	22.60	22.51	22.53			
15	QPSK	36	39	22.53	22.46	22.48			
15	QPSK	75	0	22.80	22.62	22.58	23.5	1	
15	16QAM	1	0	22.77	23.00	23.02			
15	16QAM	1	37	23.00	22.97	22.93			
15	16QAM	1	74	22.85	22.96	22.82	22.5	2	
15	16QAM	36	0	21.64	21.53	21.45			
15	16QAM	36	20	21.67	21.47	21.51			
15	16QAM	36	39	21.53	21.47	21.55	22.5	2	
15	16QAM	75	0	21.63	21.48	21.59			
15	16QAM	1	0	21.63	21.37	21.52			
15	64QAM	1	37	21.62	21.60	21.57	21.5	3	
15	64QAM	1	74	21.59	21.56	21.60			
15	64QAM	36	0	20.60	20.52	20.54			
15	64QAM	36	20	20.60	20.49	20.57	21.5	3	
15	64QAM	36	39	20.51	20.55	20.58			
15	64QAM	75	0	20.55	20.48	20.57			
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.69	23.67	23.63	24.5	0	
10	QPSK	1	25	23.40	23.54	23.55			
10	QPSK	1	49	23.33	23.44	23.65			
10	QPSK	25	0	22.56	22.54	22.46	23.5	1	
10	QPSK	25	12	22.57	22.44	22.51			
10	QPSK	25	25	22.42	22.37	22.36			
10	QPSK	50	0	22.56	22.55	22.44	23.5	1	
10	16QAM	1	0	22.71	22.88	22.82			
10	16QAM	1	25	22.92	22.82	22.78			
10	16QAM	1	49	22.77	22.92	22.81	22.5	2	
10	16QAM	25	0	21.49	21.52	21.38			
10	16QAM	25	12	21.56	21.38	21.44			
10	16QAM	25	25	21.52	21.45	21.44	21.5	3	
10	16QAM	50	0	21.42	21.47	21.49			
10	64QAM	1	0	21.51	21.33	21.41			
10	64QAM	1	25	21.52	21.46	21.42	22.5	2	
10	64QAM	1	49	21.56	21.51	21.45			
10	64QAM	25	0	20.42	20.46	20.46			
10	64QAM	25	12	20.49	20.35	20.43	21.5	3	
10	64QAM	25	25	20.42	20.50	20.46			
10	64QAM	50	0	20.42	20.44	20.43			
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.71	23.71	23.63	24.5	0	
5	QPSK	1	12	23.36	23.52	23.57			
5	QPSK	1	24	23.32	23.46	23.64			
5	QPSK	12	0	22.58	22.64	22.62	23.5	1	
5	QPSK	12	7	22.45	22.41	22.50			
5	QPSK	12	13	22.42	22.51	22.40			
5	QPSK	25	0	22.51	22.49	22.55	23.5	1	
5	16QAM	1	0	22.62	22.97	22.90			
5	16QAM	1	12	22.96	22.82	22.87			
5	16QAM	1	24	22.79	22.95	22.76	22.5	2	
5	16QAM	12	0	21.55	21.39	21.43			
5	16QAM	12	7	21.55	21.40	21.48			
5	16QAM	12	13	21.43	21.45	21.51	22.5	2	
5	16QAM	25	0	21.43	21.24	21.45			
5	64QAM	1	0	21.49	21.25	21.43			
5	64QAM	1	12	21.49	21.52	21.43	21.5	3	
5	64QAM	1	24	21.45	21.44	21.49			
5	64QAM	12	0	20.59	20.38	20.39			
5	64QAM	12	7	20.59	20.34	20.43	21.5	3	
5	64QAM	12	13	20.39	20.46	20.48			
5	64QAM	25	0	20.50	20.46	20.55			
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.61	23.63	23.55	24.5	0	
3	QPSK	1	8	23.32	23.48	23.46			
3	QPSK	1	14	23.34	23.53	23.58			
3	QPSK	8	0	22.56	22.51	22.54	23.5	1	
3	QPSK	8	4	22.48	22.41	22.39			
3	QPSK	15	0	22.49	22.56	22.49			
3	16QAM	1	0	22.68	22.92	22.91	23.5	1	
3	16QAM	1	8	22.59	22.87	22.84			
3	16QAM	1	14	22.84	22.92	22.74			
3	16QAM	8	0	21.53	21.40	21.42	22.5	2	
3	16QAM	8	4	21.55	21.45	21.38			
3	16QAM	8	7	21.41	21.41	21.42			
3	16QAM	15	0	21.44	21.37	21.45	22.5	2	
3	64QAM	1	0	21.48	21.31	21.51			
3	64QAM	1	8	21.56	21.56	21.44			
3	64QAM	1	14	21.46	21.53	21.49	21.5	3	
3	64QAM	8	0	20.48	20.49	20.47			
3	64QAM	8	4	20.46	20.47	20.49			
3	64QAM	8	7	20.42	20.33	20.55	21.5	3	
3	64QAM	15	0	20.44	20.37	20.52			
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.71	23.60	23.57	24.5	0	
1.4	QPSK	1	3	23.46	23.45	23.48			
1.4	QPSK	1	5	23.39	23.57	23.54			
1.4	QPSK	3	0	23.58	23.66	23.59	23.5	1	
1.4	QPSK	3	1	23.46	23.56	23.46			
1.4	QPSK	3	3	23.43	23.50	23.53			
1.4	QPSK	6	0	22.55	22.53	22.55	23.5	1	
1.4	16QAM	1	0	22.65	22.98	22.95			
1.4	16QAM	1	3	22.96	22.94	22.80			
1.4	16QAM	1	5	22.75	22.94	22.81	23.5	1	
1.4	16QAM	3	1	22.90	22.87	22.90			
1.4	16QAM	3	3	22.84	22.89	22.74			
1.4	16QAM	6	0	21.55	21.56	21.46	22.5	2	
1.4	64QAM	1	0	21.53	21.29	21.42			
1.4	64QAM	1	3	21.57	21.59	21.55			
1.4	64QAM	3	0	21.57	21.32	21.39	22.5	2	
1.4	64QAM	3	1	21.53	21.54	21.52			
1.4	64QAM	3	3	21.51	21.41	21.55			
1.4	64QAM	6	0	20.48	20.43	20.49	21.5	3	

Band 66_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	23.47	23.45	23.45	24.5	0	
20	QPSK	1	49	23.38	23.39	23.40			
20	QPSK	1	99	23.11	23.29	23.21			
20	QPSK	50	0	22.45	22.46	22.38	23.5	1	
20	QPSK	50	24	22.44	22.39	22.34			
20	QPSK	50	50	22.37	22.31	22.35			
20	QPSK	100	0	22.35	22.43	22.33	23.5	1	
20	16QAM	1	0	22.58	22.46	22.66			
20	16QAM	1	49	22.65	22.30	22.60			
20	16QAM	1	99	22.40	22.46	22.57	22.5	2	
20	16QAM	50	0	21.41	21.42	21.41			
20	16QAM	50	24	21.47	21.42	21.30			
20	16QAM	50	50	21.32	21.32	21.30	22.5	2	
20	16QAM	100	0	21.38	21.33	21.31			
20	64QAM	1	0	21.51	21.58	21.53			
20	64QAM	1	49	21.71	21.70	21.60	22.5	2	
20	64QAM	1	99	21.50	21.49	21.55			
20	64QAM	50	0	20.49	20.42	20.39			
20	64QAM	50	24	20.40	20.39	20.37	21.5	3	
20	64QAM	50	50	20.35	20.37	20.38			
20	64QAM	100	0	20.37	20.36	20.40			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	23.38	23.36	23.42			
15	QPSK	1	37	23.34	23.33	23.30			
15	QPSK	1	74	23.04	23.18	23.16			
15	QPSK	36	0	22.33	22.32	22.32	23.5	1	
15	QPSK	36	20	22.34	22.36	22.32			
15	QPSK	36	39	22.34	22.29	22.20			
15	QPSK	75	0	22.31	22.40	22.29	23.5	1	
15	16QAM	1	0	22.47	22.33	22.56			
15	16QAM	1	37	22.55	22.15	22.58			
15	16QAM	1	74	22.35	22.45	22.53	22.5	2	
15	16QAM	36	0	21.29	21.35	21.26			
15	16QAM	36	20	21.46	21.30	21.15			
15	16QAM	36	39	21.30	21.29	21.29	22.5	2	
15	16QAM	75	0	21.33	21.20	21.29			
15	64QAM	1	0	21.37	21.48	21.40			
15	64QAM	1	37	21.63	21.55	21.46	22.5	2	
15	64QAM	1	74	21.41	21.44	21.52			
15	64QAM	36	0	20.34	20.33	20.36			
15	64QAM	36	20	20.33	20.25	20.22	21.5	3	
15	64QAM	36	39	20.23	20.31	20.27			
15	64QAM	75	0	20.32	20.25	20.29			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.26	23.29	23.31			
10	QPSK	1	25	23.31	23.26	23.32			
10	QPSK	1	49	23.07	23.14	23.17			
10	QPSK	25	0	22.44	22.33	22.27	23.5	1	
10	QPSK	25	12	22.30	22.36	22.28			
10	QPSK	25	25	22.24	22.26	22.24			
10	QPSK	50	0	22.32	22.36	22.30	23.5	1	
10	16QAM	1	0	22.48	22.43	22.55			
10	16QAM	1	25	22.54	22.15	22.54			
10	16QAM	1	49	22.37	22.45	22.45	23.5	1	
10	16QAM	25	0	21.34	21.40	21.30			
10	16QAM	25	12	21.39	21.41	21.24			
10	16QAM	25	25	21.28	21.26	21.29	22.5	2	
10	16QAM	50	0	21.27	21.29	21.20			
10	64QAM	1	0	21.46	21.55	21.44			
10	64QAM	1	25	21.62	21.61	21.54	22.5	2	
10	64QAM	1	49	21.39	21.40	21.48			
10	64QAM	25	0	20.44	20.35	20.31			
10	64QAM	25	12	20.39	20.24	20.36	21.5	3	
10	64QAM	25	25	20.25	20.28	20.23			
10	64QAM	50	0	20.34	20.27	20.20			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.33	23.33	23.43			
5	QPSK	1	12	23.24	23.29	23.36			
5	QPSK	1	24	23.05	23.19	23.17			
5	QPSK	12	0	22.34	22.34	22.24	23.5	1	
5	QPSK	12	7	22.41	22.24	22.25			
5	QPSK	12	13	22.32	22.25	22.26			
5	QPSK	25	0	22.24	22.39	22.19	23.5	1	
5	16QAM	1	0	22.51	22.39	22.56			
5	16QAM	1	12	22.59	22.25	22.48			
5	16QAM	1	24	22.27	22.40	22.55	22.5	2	
5	16QAM	12	0	21.29	21.27	21.31			
5	16QAM	12	7	21.45	21.39	21.26			
5	16QAM	12	13	21.21	21.30	21.27	22.5	2	
5	16QAM	25	0	21.25	21.23	21.25			
5	64QAM	1	0	21.46	21.48	21.49			
5	64QAM	1	12	21.61	21.66	21.53	22.5	2	
5	64QAM	1	24	21.38	21.37	21.40			
5	64QAM	12	0	20.46	20.29	20.27			
5	64QAM	12	7	20.29	20.34	20.24	21.5	3	
5	64QAM	12	13	20.21	20.22	20.25			
5	64QAM	25	0	20.33	20.35	20.32			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.42	23.37	23.39			
3	QPSK	1	8	23.24	23.34	23.33			
3	QPSK	1	14	23.10	23.16	23.07			
3	QPSK	8	0	22.36	22.33	22.28	23.5	1	
3	QPSK	8	4	22.31	22.25	22.24			
3	QPSK	8	7	22.31	22.21	22.25			
3	QPSK	15	0	22.29	22.30	22.23	23.5	1	
3	16QAM	1	0	22.49	22.35	22.52			
3	16QAM	1	8	22.63	22.25	22.55			
3	16QAM	1	14	22.25	22.42	22.42	22.5	2	
3	16QAM	8	0	21.26	21.38	21.31			
3	16QAM	8	4	21.35	21.28	21.14			
3	16QAM	8	7	21.22	21.31	21.17	22.5	2	
3	16QAM	15	0	21.34	21.29	21.23			
3	64QAM	1	0	21.40	21.49	21.44			
3	64QAM	1	8	21.58	21.58	21.53	22.5	2	
3	64QAM	1	14	21.36	21.35	21.51			
3	64QAM	8	0	20.48	20.41	20.29			
3	64QAM	8	4	20.29	20.36	20.30	21.5	3	
3	64QAM	8	7	20.34	20.30	20.23			
3	64QAM	15	0	20.26	20.25	20.30			
Channel				131919	132322	132685	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	23.41	23.38	23.39			
1.4	QPSK	1	3	23.30	23.33	23.36			
1.4	QPSK	1	5	23.08	23.28	23.14			
1.4	QPSK	3	0	23.41	23.45	23.36	23.5	1	
1.4	QPSK	3	1	23.32	23.24	23.35			
1.4	QPSK	3	3	22.97	23.26	23.15			
1.4	QPSK	6	0	22.29	22.29	22.20	23.5	1	
1.4	16QAM	1	0	22.53	22.42	22.55			
1.4	16QAM	1	3	22.52	22.15	22.56	23.5	1	
1.4	16QAM	1	5	22.31	22.35	22.55			
1.4	16QAM	3	0	22.45	22.40	22.44			
1.4	16QAM	3	1	22.55	22.26	22.58	22.5	2	
1.4	16QAM	3	3	22.35	22.39	22.42			
1.4	64QAM	1	0	21.43	21.45	21.41			
1.4	64QAM	1	3	21.68	21.69	21.54	22.5	2	
1.4	64QAM	1	5	21.38	21.41	21.42			
1.4	64QAM	3	0	21.47	21.57	21.52			
1.4	64QAM	3	1	21.64	21.58	21.49	21.5	3	
1.4	64QAM	3	3	21.38	21.47	21.49			
1.4	64QAM	6	0	20.29	20.27	20.34			

LTE Band 71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.62	23.69	23.55	24.5	0	
20	QPSK	1	49	23.49	23.50	23.53			
20	QPSK	1	99	23.58	23.59	23.47			
20	QPSK	50	0	22.69	22.71	22.57	23.5	1	
20	QPSK	50	24	22.64	22.63	22.53			
20	QPSK	50	50	22.61	22.64	22.55			
20	QPSK	100	0	22.61	22.69	22.53	23.5	1	
20	16QAM	1	0	22.85	22.92	22.84			
20	16QAM	1	49	22.82	22.88	22.74			
20	16QAM	1	99	22.77	22.79	22.69	23.5	2	
20	16QAM	50	0	21.75	21.62	21.52			
20	16QAM	50	24	21.63	21.59	21.59			
20	16QAM	50	50	21.65	21.62	21.54	22.5	2	
20	16QAM	100	0	21.65	21.57	21.52			
20	64QAM	1	0	21.69	21.73	21.73			
20	64QAM	1	49	21.87	21.71	21.66	22.5	2	
20	64QAM	1	99	21.63	21.72	21.62			
20	64QAM	50	0	20.68	20.62	20.51			
20	64QAM	50	24	20.66	20.64	20.61	21.5	3	
20	64QAM	50	50	20.69	20.64	20.58			
20	64QAM	100	0	20.64	20.64	20.55			
Channel				133197	133297	133397	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.51	23.45	23.48	24.5	0	
15	QPSK	1	37	23.36	23.33	23.48			
15	QPSK	1	74	23.50	23.51	23.25			
15	QPSK	36	0	22.50	22.54	22.52	23.5	1	
15	QPSK	36	20	22.48	22.45	22.30			
15	QPSK	36	39	22.44	22.54	22.41			
15	QPSK	75	0	22.43	22.60	22.42	23.5	1	
15	16QAM	1	0	22.64	22.79	22.79			
15	16QAM	1	37	22.76	22.66	22.50			
15	16QAM	1	74	22.53	22.56	22.46	22.5	2	
15	16QAM	36	0	21.57	21.49	21.35			
15	16QAM	36	20	21.45	21.54	21.47			
15	16QAM	36	39	21.51	21.56	21.41	22.5	2	
15	16QAM	75	0	21.46	21.42	21.36			
15	64QAM	1	0	21.53	21.62	21.61			
15	64QAM	1	37	21.62	21.55	21.53	22.5	2	
15	64QAM	1	74	21.54	21.63	21.51			
15	64QAM	36	0	20.44	20.37	20.44			
15	64QAM	36	20	20.50	20.54	20.50	21.5	3	
15	64QAM	36	39	20.53	20.43	20.39			
15	64QAM	75	0	20.52	20.41	20.35			
Channel				133172	133297	133422	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	0	23.56	23.47	23.48	24.5	0	
10	QPSK	1	25	23.27	23.32	23.42			
10	QPSK	1	49	23.34	23.51	23.27			
10	QPSK	25	0	22.51	22.63	22.40	23.5	1	
10	QPSK	25	12	22.46	22.41	22.46			
10	QPSK	25	25	22.36	22.55	22.35			
10	QPSK	50	0	22.41	22.47	22.44	23.5	1	
10	16QAM	1	0	22.79	22.69	22.77			
10	16QAM	1	25	22.73	22.70	22.57			
10	16QAM	1	49	22.53	22.64	22.48	23.5	1	
10	16QAM	25	0	21.52	21.53	21.36			
10	16QAM	25	12	21.43	21.36	21.39			
10	16QAM	25	25	21.53	21.54	21.40	22.5	2	
10	16QAM	50	0	21.59	21.49	21.32			
10	64QAM	1	0	21.55	21.58	21.62			
10	64QAM	1	25	21.79	21.64	21.50	22.5	2	
10	64QAM	1	49	21.49	21.51	21.55			
10	64QAM	25	0	20.54	20.39	20.35			
10	64QAM	25	12	20.41	20.42	20.50	21.5	3	
10	64QAM	25	25	20.50	20.50	20.44			
10	64QAM	50	0	20.54	20.46	20.45			
Channel				133147	133297	133447	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	23.53	23.56	23.34	24.5	0	
5	QPSK	1	12	23.43	23.45	23.48			
5	QPSK	1	24	23.43	23.43	23.42			
5	QPSK	12	0	22.63	22.51	22.36	23.5	1	
5	QPSK	12	7	22.44	22.47	22.44			
5	QPSK	12	13	22.41	22.53	22.37			
5	QPSK	25	0	22.47	22.62	22.29	23.5	1	
5	16QAM	1	0	22.76	22.76	22.60			
5	16QAM	1	12	22.66	22.76	22.62			
5	16QAM	1	24	22.71	22.54	22.47	23.5	1	
5	16QAM	12	0	21.50	21.46	21.45			
5	16QAM	12	7	21.46	21.53	21.47			
5	16QAM	12	13	21.60	21.50	21.43	22.5	2	
5	16QAM	25	0	21.49	21.48	21.39			
5	64QAM	1	0	21.60	21.59	21.50			
5	64QAM	1	12	21.74	21.46	21.52	22.5	2	
5	64QAM	1	24	21.51	21.56	21.46			
5	64QAM	12	0	20.63	20.47	20.35			
5	64QAM	12	7	20.56	20.50	20.37	21.5	3	
5	64QAM	12	13	20.44	20.59	20.35			
5	64QAM	25	0	20.57	20.58	20.47			

Band 38_Ant 1													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)					
Channel				37850	38000	38150							
Frequency (MHz)				2580	2595	2610							
20	QPSK	1	0	23.24	23.35	23.30	24.5	0					
20	QPSK	1	49	23.15	23.22	23.26							
20	QPSK	1	99	23.20	23.34	23.24							
20	QPSK	36	0	22.21	22.30	22.25							
20	QPSK	50	24	22.17	22.19	22.20	23.5	1					
20	QPSK	50	50	22.19	22.25	22.22							
20	QPSK	100	0	22.14	22.27	22.22							
20	16QAM	1	0	22.02	22.09	22.14							
20	16QAM	1	49	22.21	22.25	22.23	22.5	2					
20	16QAM	1	99	22.23	22.37	22.41							
20	16QAM	50	0	21.18	21.18	21.22							
20	16QAM	50	24	21.11	21.21	21.32							
20	16QAM	50	50	21.15	21.24	21.37	21.5	3					
20	16QAM	100	0	21.10	21.18	21.29							
20	64QAM	1	0	20.74	20.84	20.90							
20	64QAM	1	49	20.95	21.05	21.06							
20	64QAM	1	99	21.01	20.99	21.12	20.5	2					
20	64QAM	50	0	20.17	20.26	20.21							
20	64QAM	50	24	20.15	20.22	20.31							
20	64QAM	50	50	20.23	20.26	20.40							
20	64QAM	100	0	20.18	20.21	20.29	Time-up limit (dBm) MPR (dB)						
Channel				37850	38000	38175							
Frequency (MHz)				2572.5	2595	2612.5							
15	QPSK	1	0	23.21	23.31	23.22	24.5	0					
15	QPSK	1	37	23.05	23.10	23.23							
15	QPSK	1	74	23.11	23.27	23.23							
15	QPSK	36	0	22.19	22.15	22.20							
15	QPSK	36	39	22.11	22.12	22.08	23.5	1					
15	QPSK	36	39	22.17	22.18	22.15							
15	QPSK	75	0	22.12	22.21	22.15							
15	16QAM	1	0	21.91	21.97	22.07							
15	16QAM	1	37	22.11	22.21	22.08	22.5	2					
15	16QAM	1	74	22.11	22.36	22.36							
15	16QAM	36	0	21.07	21.07	21.09							
15	16QAM	36	20	21.04	21.13	21.28							
15	16QAM	36	39	21.03	21.17	21.29	21.5	3					
15	16QAM	75	0	21.01	21.16	21.23							
15	64QAM	1	0	20.68	20.72	20.83							
15	64QAM	1	37	20.88	20.93	20.99							
15	64QAM	1	74	20.95	20.93	21.10	20.5	2					
15	64QAM	36	0	20.07	20.16	20.13							
15	64QAM	36	20	20.01	20.15	20.21							
15	64QAM	36	39	20.16	20.12	20.33							
15	64QAM	75	0	20.13	20.18	20.26	Time-up limit (dBm) MPR (dB)						
Channel				37800	38000	38200							
Frequency (MHz)				2575	2595	2615							
10	QPSK	1	0	23.17	23.29	23.28	24.5	0					
10	QPSK	1	25	23.08	23.10	23.16							
10	QPSK	1	49	23.07	23.25	23.11							
10	QPSK	25	0	22.09	22.20	22.21							
10	QPSK	25	12	22.14	22.08	22.19	23.5	1					
10	QPSK	25	25	22.11	22.11	22.10							
10	QPSK	50	0	22.01	22.21	22.08							
10	16QAM	1	0	21.89	22.00	22.01							
10	16QAM	1	25	22.09	22.10	22.18	22.5	2					
10	16QAM	1	49	22.16	22.26	22.28							
10	16QAM	25	0	21.07	21.16	21.08							
10	16QAM	25	12	21.06	21.20	21.31							
10	16QAM	25	25	21.02	21.23	21.34	21.5	3					
10	16QAM	50	0	21.03	21.03	21.18							
10	64QAM	1	0	20.67	20.71	20.82							
10	64QAM	1	25	20.81	20.92	20.99							
10	64QAM	1	49	21.00	20.91	21.02	20.5	2					
10	64QAM	25	0	20.10	20.14	20.19							
10	64QAM	25	12	20.02	20.12	20.25							
10	64QAM	25	25	20.16	20.20	20.36							
10	64QAM	50	0	20.07	20.10	20.27	Time-up limit (dBm) MPR (dB)						
Channel				37775	38000	38225							
Frequency (MHz)				2572.5	2595	2617.5							
5	QPSK	1	0	23.09	23.24	23.24	24.5	0					
5	QPSK	1	12	23.06	23.14	23.17							
5	QPSK	1	24	23.12	23.24	23.16							
5	QPSK	12	0	22.10	22.22	22.13							
5	QPSK	12	7	22.15	22.11	22.14	23.5	1					
5	QPSK	12	13	22.09	22.11	22.20							
5	QPSK	25	0	22.03	22.23	22.07							
5	16QAM	1	0	21.99	21.95	22.06							
5	16QAM	1	12	22.12	22.22	22.20	22.5	2					
5	16QAM	1	24	22.09	22.27	22.40							
5	16QAM	12	0	21.03	21.06	21.16							
5	16QAM	12	7	21.03	21.10	21.22							
5	16QAM	12	13	21.08	21.13	21.22	21.5	3					
5	16QAM	25	0	21.00	21.04	21.23							
5	64QAM	1	0	20.72	20.81	20.84							
5	64QAM	1	12	20.91	20.96	21.03							
5	64QAM	1	24	20.96	20.87	20.98	20.5	2					
5	64QAM	12	0	20.12	20.12	20.20							
5	64QAM	12	7	20.07	20.07	20.16							
5	64QAM	12	13	20.12	20.19	20.29							
5	64QAM	25	0	20.04	20.19	20.23	Time-up limit (dBm) MPR (dB)						

Band 38_Ant 2										
BW [kHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	23.09	23.75	23.67	24.5	0		
20	QPSK	1	49	23.52	23.74	23.56				
20	QPSK	1	99	23.58	23.70	23.57				
20	QPSK	50	0	22.55	22.63	22.57	23.5	1		
20	QPSK	50	24	22.57	22.62	22.52				
20	QPSK	50	50	22.50	22.61	22.53				
20	QPSK	100	0	22.53	22.61	22.53	22.5	2		
20	16QAM	1	0	22.58	22.64	22.56				
20	16QAM	1	49	22.87	22.70	22.64				
20	16QAM	1	99	22.80	22.84	22.53				
20	16QAM	50	0	21.57	21.58	21.57	22.5	2		
20	16QAM	50	24	21.57	21.62	21.57				
20	16QAM	50	50	21.60	21.61	21.51				
20	16QAM	100	0	21.56	21.59	21.55				
20	64QAM	1	0	21.35	21.32	21.30	22.5	2		
20	64QAM	1	49	21.30	21.42	21.41				
20	64QAM	1	99	21.43	21.38	21.17				
20	64QAM	50	0	20.56	20.61	20.60				
20	64QAM	50	24	20.59	20.61	20.57	21.5	3		
20	64QAM	50	50	20.63	20.65	20.55				
20	64QAM	100	0	20.60	20.61	20.57				
Channel				2577.5	2595	2612.5				
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	23.52	23.83	23.62	24.5	0		
15	QPSK	1	37	23.47	23.62	23.65				
15	QPSK	1	74	23.46	23.55	23.54				
15	QPSK	36	0	22.42	22.50	22.52	23.5	1		
15	QPSK	36	36	22.44	22.55	22.49				
15	QPSK	36	72	22.42	22.52	22.50				
15	QPSK	75	0	22.42	22.56	22.43	22.5	2		
15	16QAM	1	0	22.53	22.59	22.42				
15	16QAM	1	37	22.53	22.59	22.58				
15	16QAM	1	74	22.65	22.60	22.38				
15	16QAM	36	0	21.54	21.51	21.56	22.5	2		
15	16QAM	36	20	21.45	21.54	21.52				
15	16QAM	36	36	21.46	21.54	21.44				
15	16QAM	75	0	21.51	21.50	21.47				
15	64QAM	1	0	21.33	21.22	21.27	21.5	3		
15	64QAM	1	37	21.17	21.29	21.27				
15	64QAM	36	20	21.36	21.34	21.07				
15	64QAM	36	36	20.45	20.51	20.59				
15	64QAM	36	20	20.57	20.60	20.44	21.5	3		
15	64QAM	36	39	20.58	20.84	20.41				
15	64QAM	75	0	20.55	20.56	20.56				
Channel				2575	2595	2615				
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	23.45	23.70	23.55	24.5	0		
10	QPSK	1	25	23.45	23.63	23.47				
10	QPSK	1	49	23.46	23.65	23.49				
10	QPSK	12	0	22.41	22.54	22.53	23.5	1		
10	QPSK	25	12	22.39	22.48	22.45				
10	QPSK	25	25	22.45	22.47	22.49				
10	QPSK	50	0	22.45	22.49	22.44	23.5	1		
10	16QAM	1	0	22.46	22.57	22.57				
10	16QAM	1	25	22.62	22.66	22.56				
10	16QAM	1	49	22.65	22.52	22.48				
10	16QAM	25	0	21.50	21.49	21.56	22.5	2		
10	16QAM	25	12	21.48	21.50	21.55				
10	16QAM	25	25	21.42	21.52	21.49				
10	16QAM	50	0	21.42	21.56	21.40				
10	64QAM	1	0	21.27	21.26	21.28	22.5	2		
10	64QAM	1	25	21.17	21.39	21.32				
10	64QAM	1	49	21.42	21.34	21.32				
10	64QAM	25	0	20.44	20.56	20.47				
10	64QAM	25	12	20.57	20.54	20.48	21.5	3		
10	64QAM	25	25	20.54	20.58	20.52				
10	64QAM	50	0	20.54	20.59	20.44				
Channel				3777.5	38000	38225				
Frequency (MHz)				2572.5 <th>2595<th>2617.5<th colspan="4"></th></th></th>	2595 <th>2617.5<th colspan="4"></th></th>	2617.5 <th colspan="4"></th>				
5	QPSK	1	0	23.52	23.68	23.56	24.5	0		
5	QPSK	1	12	23.51	23.63	23.46				
5	QPSK	1	24	23.48	23.57	23.45				
5	QPSK	12	0	22.51	22.57	22.57	23.5	1		
5	QPSK	12	7	22.47	22.57	22.49				
5	QPSK	12	13	22.43	22.53	22.41				
5	QPSK	25	0	22.39	22.47	22.44	23.5	1		
5	16QAM	1	0	22.46	22.57	22.51				
5	16QAM	1	12	22.64	22.58	22.53				
5	16QAM	1	24	22.65	22.53	22.43				
5	16QAM	12	0	21.52	21.50	21.55	22.5	2		
5	16QAM	12	7	21.52	21.50	21.50				
5	16QAM	12	13	21.56	21.58	21.38				
5	16QAM	25	0	21.44	21.48	21.49				
5	64QAM	1	0	21.20	21.31	21.27	22.5	2		
5	64QAM	1	12	21.19	21.34	21.32				
5	64QAM	1	24	21.37	21.35	21.08				
5	64QAM	12	0	20.50	20.58	20.51				
5	64QAM	12	7	20.51	20.55	20.47	21.5	3		
5	64QAM	12	13	20.56	20.55	20.42				
5	64QAM	25	0	20.45	20.48	20.51				

Band 41_Ant 1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Time-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	23.18	23.03	23.55	23.26	23.48	24.5	0	
20	QPSK	1	49	23.04	22.96	23.53	23.20	23.43			
20	QPSK	1	99	22.93	22.92	23.51	23.06	23.47			
20	QPSK	50	0	22.12	22.10	22.48	22.22	22.43			
20	QPSK	50	24	21.97	21.88	22.42	22.13	22.35	23.5	1	
20	QPSK	50	50	21.94	21.87	22.45	22.15	22.41			
20	QPSK	100	0	22.08	22.00	22.41	22.12	22.28			
20	16QAM	1	0	22.11	22.00	22.43	22.09	22.25			
20	16QAM	1	49	22.05	22.05	22.40	22.16	22.32	23.5	1	
20	16QAM	1	99	21.91	21.88	22.38	22.21	22.35			
20	16QAM	50	0	21.01	20.90	21.40	21.04	21.35			
20	16QAM	50	24	21.00	20.92	21.43	21.10	21.35			
20	16QAM	50	50	21.00	20.95	21.38	21.21	21.42	22.5	2	
20	16QAM	100	0	21.00	20.89	21.49	21.13	21.26			
20	64QAM	1	0	20.82	20.56	21.10	20.78	21.01			
20	64QAM	1	49	20.83	20.74	21.12	20.94	21.12			
20	64QAM	1	99	20.83	20.69	21.08	20.95	21.19	21.5	3	
20	64QAM	50	0	19.98	19.88	20.43	20.14	20.32			
20	64QAM	50	24	19.99	19.90	20.44	20.16	20.32			
20	64QAM	50	50	19.99	19.94	20.45	20.19	20.35			
20	64QAM	100	0	19.98	19.93	20.44	20.19	20.35			
Channel				39675	40148	40620	41093	41555	Time-up limit (dBm)		MPR (dB)
Frequency (MHz)				2501.5	2544.3	2593	2637.8	2682.5			
15	QPSK	1	0	23.12	22.87	23.11	23.40	23.53	24.5	0	
15	QPSK	1	37	22.90	22.94	23.12	23.37	23.50			
15	QPSK	1	74	22.86	22.86	23.01	23.45	23.38			
15	QPSK	36	0	22.06	21.97	22.11	22.28	22.40			
15	QPSK	36	20	21.90	21.85	22.06	22.30	22.40	23.5	1	
15	QPSK	36	39	21.90	21.80	22.11	22.31	22.31			
15	QPSK	75	0	21.99	21.95	22.05	22.21	22.38			
15	16QAM	1	0	22.01	21.97	22.06	22.16	22.38			
15	16QAM	1	37	22.00	22.04	22.09	22.26	22.35	23.5	1	
15	16QAM	1	74	21.96	21.96	22.14	22.30	22.26			
15	16QAM	36	0	21.00	20.76	20.95	21.30	21.26			
15	16QAM	36	20	20.88	20.78	21.09	21.35	21.31			
15	16QAM	36	39	20.88	20.88	21.17	21.38	21.32	22.5	2	
15	16QAM	75	0	20.93	20.93	21.09	21.22	21.38			
15	64QAM	1	0	20.77	20.54	20.77	20.98	21.06			
15	64QAM	1	37	20.76	20.72	20.87	20.99	21.08			
15	64QAM	1	74	20.55	20.68	20.88	21.05	20.94	21.5	3	
15	64QAM	36	0	19.83	19.79	20.06	20.26	20.42			
15	64QAM	36	20	19.92	19.81	20.14	20.25	20.41			
15	64QAM	36	39	19.88	19.81	20.09	20.28	20.31			
15	64QAM	75	0	19.83	19.88	20.15	20.22	20.41			
Channel				39700	40160	40620	41080	41540	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	23.07	22.90	23.22	23.36	23.42	24.5	0	
10	QPSK	1	25	22.97	22.82	23.16	23.38	23.41			
10	QPSK	1	49	22.89	22.88	22.94	23.34	23.43			
10	QPSK	25	0	22.10	22.01	22.17	22.41	22.42			
10	QPSK	25	12	21.94	21.87	22.01	22.29	22.39	23.5	1	
10	QPSK	25	25	21.84	21.81	22.10	22.32	22.31			
10	QPSK	50	0	22.05	21.93	22.11	22.15	22.39			
10	16QAM	1	0	22.06	21.89	22.08	22.13	22.32			
10	16QAM	1	25	21.91	21.94	22.11	22.23	22.39	23.5	1	
10	16QAM	1	49	21.89	21.94	22.09	22.24	22.34			
10	16QAM	25	0	20.98	20.89	20.96	21.30	21.39			
10	16QAM	25	12	20.91	20.91	21.03	21.30	21.28			
10	16QAM	25	25	20.86	20.91	21.17	21.33	21.34	22.5	2	
10	16QAM	50	0	20.88	20.86	20.98	21.18	21.39			
10	64QAM	1	0	20.76	20.65	20.73	20.86	21.02			
10	64QAM	1	25	20.69	20.62	20.80	21.11	21.33			
10	64QAM	1	49	20.50	20.59	20.94	21.13	21.20	21.5	3	
10	64QAM	25	0	19.92	19.85	20.08	20.29	20.32			
10	64QAM	25	12	19.93	19.93	20.07	20.21	20.36			
10	64QAM	25	25	19.98	19.93	20.12	20.26	20.40			
10	64QAM	50	0	19.84	19.79	20.18	20.25	20.38			
Channel				39675	40148	40620	41093	41555	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	23.11	22.85	23.11	23.47	23.43	24.5	0	
5	QPSK	1	12	23.03	22.94	23.10	23.26	23.43			
5	QPSK	1	24	22.93	22.77	23.03	23.43	23.42			
5	QPSK	12	0	22.01	21.86	22.21	22.35	22.38			
5	QPSK	12	7	21.86	21.86	22.12	22.28	22.30	23.5	1	
5	QPSK	12	13	21.89	21.86	22.13	22.31	22.32			
5	QPSK	25	0	22.01	21.89	21.97	22.23	22.30			
5	16QAM	1	0	21.99	21.92	21.98	22.27	22.42			
5	16QAM	1	12	21.91	21.90	22.09	22.25	22.35	23.5	1	
5	16QAM	1	24	21.90	21.97	22.12	22.27	22.24			
5	16QAM	12	0	20.91	20.81	20.93	21.29	21.39			
5	16QAM	12	7	20.85	20.91	21.09	21.32	21.29			
5	16QAM	12	13	20.86	20.88	21.09	21.39	21.28	22.5	2	
5	16QAM	25	0	20.95	20.83	21.11	21.15	21.47			
5	16QAM	1	0	20.70	22.00	20.76	20.80	20.97			
5	64QAM	1	12	20.82	20.58	20.84	21.11	21.11			
5	64QAM	1	24	20.53	20.55	20.85	21.15	20.98	21.5	3	
5	64QAM	12	0	19.93	19.77	20.02	20.24	20.29			

Part 96_Band 48_Ant 1										Part 96_Band 48_Ant 3										Part 96_Band 48_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)
Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
20	QPSK	1	0	19.43	19.40	19.34	19.42			20	QPSK	1	0	22.53	22.40	22.52	22.55			20	QPSK	1	0	22.43	22.44	22.37	22.51		
20	QPSK	1	49	19.41	19.31	19.27	19.27	20	0	20	QPSK	1	49	22.49	22.39	22.50	22.32	23	0	20	QPSK	1	49	22.41	22.43	22.29	22.33	23	0
20	QPSK	1	99	19.39	19.31	19.28	19.27			20	QPSK	1	99	22.51	22.38	22.50	22.30			20	QPSK	1	99	22.21	22.38	22.32	22.37		
20	QPSK	50	0	19.42	19.35	19.31	19.34			20	QPSK	50	0	21.27	21.42	21.39	21.43			20	QPSK	50	0	21.47	21.43	21.39	21.45		
20	QPSK	50	24	19.37	19.31	19.21	19.29	20	0	20	QPSK	50	24	21.43	21.27	21.41	21.37	22	1	20	QPSK	50	24	21.34	21.38	21.32	21.39	22	1
20	QPSK	50	50	19.40	19.33	19.28	19.28			20	QPSK	50	50	21.46	21.37	21.42	21.27			20	QPSK	50	50	21.31	21.32	21.32	21.33		
20	QPSK	100	0	19.40	19.36	19.23	19.38			20	QPSK	100	0	21.55	21.31	21.44	21.38			20	QPSK	100	0	21.46	21.44	21.31	21.41		
20	16QAM	1	0	19.42	19.35	19.19	19.34			20	16QAM	1	0	21.53	21.32	21.47	21.29			20	16QAM	1	0	21.43	21.48	21.44	21.47		
20	16QAM	1	49	19.31	19.35	19.30	19.29			20	16QAM	1	49	21.45	21.39	21.44	21.31			20	16QAM	1	49	21.34	21.67	21.46	21.52	22	1
20	16QAM	1	99	19.33	19.31	19.24	19.30			20	16QAM	1	99	21.50	21.28	21.44	21.38			20	16QAM	1	99	21.27	21.52	21.48	21.49		
20	16QAM	50	0	19.33	19.31	19.30	19.40			20	16QAM	50	0	20.65	20.38	20.53	20.43			20	16QAM	50	0	20.29	20.37	20.33	20.48		
20	16QAM	50	24	19.42	19.35	19.30	19.32	20	0	20	16QAM	50	24	20.44	20.33	20.44	20.34			20	16QAM	50	24	20.29	20.44	20.35	20.46	21	2
20	16QAM	50	50	19.34	19.29	19.26	19.41			20	16QAM	50	50	20.44	20.29	20.52	20.30			20	16QAM	50	50	20.25	20.42	20.31	20.51		
20	16QAM	100	0	19.41	19.38	19.26	19.27			20	16QAM	100	0	20.41	20.30	20.42	20.41			20	16QAM	100	0	20.25	20.39	20.32	20.48		
20	64QAM	1	0	19.34	19.31	19.26	19.39			20	64QAM	1	0	20.54	20.27	20.45	20.39			20	64QAM	1	0	19.92	19.98	19.95	20.07		
20	64QAM	1	49	19.33	19.39	19.31	19.29			20	64QAM	1	49	20.48	20.29	20.50	20.31			20	64QAM	1	49	19.88	20.06	19.97	20.11	21	2
20	64QAM	1	99	19.34	19.38	19.27	19.38			20	64QAM	1	99	20.46	20.35	20.52	20.42			20	64QAM	1	99	19.86	20.02	19.89	20.05		
20	64QAM	50	0	19.31	19.30	19.30	19.38			20	64QAM	50	0	19.60	19.41	19.58	19.45			20	64QAM	50	0	19.32	19.38	19.35	19.46		
20	64QAM	50	24	19.35	19.36	19.25	19.40			20	64QAM	50	24	19.59	19.41	19.49	19.30			20	64QAM	50	24	19.28	19.44	19.35	19.51		
20	64QAM	50	50	19.40	19.27	19.30	19.40			20	64QAM	50	50	19.63	19.32	19.51	19.38			20	64QAM	50	50	19.17	19.43	19.31	19.53		
20	64QAM	100	0	19.44	19.35	19.31	19.30	Turn-up limit (dBm)	MPR (dB)	20	64QAM	100	0	19.54	19.40	19.45	19.31	Turn-up limit (dBm)	MPR (dB)	20	64QAM	100	0	19.22	19.39	19.37	19.49	Turn-up limit (dBm)	MPR (dB)
Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
15	QPSK	1	0	19.41	19.39	19.20	19.30			15	QPSK	1	0	22.48	22.19	22.45	22.43	23	0	15	QPSK	1	0	22.38	22.21	22.21	22.18		
15	QPSK	1	37	19.27	19.21	19.23	19.19	20	0	15	QPSK	1	37	22.38	22.17	22.48	22.28			15	QPSK	1	37	22.17	22.24	22.11	22.26		
15	QPSK	1	74	19.30	19.29	19.22	19.23			15	QPSK	1	74	22.45	22.09	22.47	22.19			15	QPSK	1	74	22.03	22.31	22.17	22.29		
15	QPSK	36	0	19.30	19.31	19.20	19.33	20	0	15	QPSK	36	0	21.48	21.22	21.40	21.29	22	1	15	QPSK	36	0	21.23	21.27	21.26	21.21		
15	QPSK	36	39	19.27	19.29	19.19	19.25			15	QPSK	36	39	21.46	21.27	21.39	21.45			15	QPSK	36	39	21.22	21.20	21.09	21.24		
15	QPSK	75	0	19.27	19.24	19.22	19.37			15	QPSK	75	0	21.47	21.05	21.36	21.31			15	QPSK	75	0	21.32	21.39	21.17	21.31		
15	16QAM	1	0	19.35	19.28	19.10	19.29	20	0	15	16QAM	1	0	21.50	21.11	21.38	21.14	22	1	15	16QAM	1	0	21.30	21.36	21.23	21.28		
15	16QAM	1	37	19.20	19.26	19.24	19.25			15	16QAM	1	37	21.42	21.19	21.39	21.16			15	16QAM	1	37	21.31	21.49	21.40	21.36		
15	16QAM	1	74	19.24	19.30	19.13	19.16			15	16QAM	1	74	21.43	21.10	21.29	21.29			15	16QAM	1	74	21.08	21.41	21.41	21.29		
15	16QAM	36	0	19.23	19.20	19.26	19.33			15	16QAM	36	0	20.54	20.17	20.50	20.42			15	16QAM	36	0	20.14	20.20	20.21	20.40		
15	16QAM	36	20	19.27	19.25	19.28	19.23	20	0	15	16QAM	36	20	20.30	20.10	20.37	20.30			15	16QAM	36	20	20.08	20.24	20.16	20.32	21	2
15	16QAM	36	39	19.31	19.34	19.15	19.28			15	16QAM	36	39	20.29	20.04	20.50	20.27			15	16QAM	36	39	20.15	20.25	20.17	20.45		
15	16QAM	75	0	19.26	19.23	19.20	19.23			15	16QAM	75	0	20.32	20.14	20.35	20.37			15	16QAM	75	0	20.09	20.15	20.22	20.32		
15	64QAM	1	0	19.21	19.22	19.21	19.29	20	0	15	64QAM	1	0	20.50	20.01	20.35	20.26	21	2	15	64QAM	1	0	19.79	19.74	19.81	20.00		
15	64QAM	1	37	19.19	19.33	19.30	19.19			15	64QAM	1	37	20.35	20.07	20.44	20.30	21	2	15	64QAM	1	37	19.74	19.83	19.82	19.83	21	2
15	64QAM	1	74	19.28	19.36	19.26	19.37			15	64QAM	1	74	20.35	20.16	20.41	20.31			15	64QAM	1	74	19.80	19.94	19.86	19.98		
15	64QAM	36	0	19.24	19.21	19.19	19.25			15	64QAM	36	0	19.55	19.19	19.48	19.31			15	64QAM	36	0	19.11	19.19	19.30	19.41		
15	64QAM	36	20	19.25	19.23	19.14	19.34			15	64QAM	36	20	19.45	19.17	19.45	19.20			15	64QAM	36	20	19.17	19.33	19.19	19.34	20	3
15	64QAM	36	39	19.25	19.22	19.27	19.36			15	64QAM	36	39	19.48	19.05	19.36	19.28			15	64QAM	36	39	18.92	19.18	19.07	19.35		
15	64QAM	75	0	19.26	19.26	19.27	19.23	Turn-up limit (dBm)	MPR (dB)	15	64QAM	75	0	19.63	19.12	19.35	19.30	Turn-up limit (dBm)	MPR (dB)	15	64QAM	75	0	19.07	19.25	19.31	19.30	Turn-up limit (dBm)	MPR (dB)
Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
10	QPSK	1	0	19.42	19.31	19.33	19.36			10	QPSK	1	0	22.47	22.20	22.49	22.37	23	0	10	QPSK	1	0	22.21	22.21	22.17	22.32		
10	QPSK	1	25	19.40	19.19	19.17	19.25	20	0	10	QPSK	1	25	22.45	22.22	22.44	22.19			10	QPSK	1	25	22.33	22.19	22.20	22.29	23	0
10	QPSK	1	49	19.38	19.16	19.17	19.12			10	QPSK	1	49	22.43	22.19	22.39	22.15			10	QPSK	1	49	21.99	22.17	22.23	22.17		
10	QPSK	25	0	19.37	19.29	19.22	19.21			10	QPSK	25	0	21.42	21.25	21.50	21.33	22	1	10	QPSK	25	0	21.36	21.38	21.27	21.37		
10	QPSK	25	12	19.33	19.20	19.20	19.23			10	QPSK	25	12	21.39	21.03	21.29	21.21			10	QPSK	25	12	21.17	21.17	21.24	21.20		
10	QPSK	25	25	19.29	19.25	19.13	19.13			10	QPSK	25	25	21.43	21.12	21.27	21.24			10	QPSK	25	25	21.21	21.15	21.19	21.28		
10	QPSK	50	0	19.38	19.32	19.15	19.25			10	QPSK	50	0	21.45	21.03	21.43	21.29			10	QPSK	50	0	21.32	21.24	21.11	21.32		
10	16QAM	1	0	19.31	19.08	19.13	19.31			10	16QAM	1	0	21.45	21.13	21.40	21.21	22	1	10	16QAM	1	0	21.30	21.39	21.21	21.27		
10	16QAM	1	25	19.23	19.27	19.24	19.15			10	16QAM	1	25	21.39</															

Part 96_Band 48_Ant 7											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				55340	55330	55150	55640	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3560	3609	3641	3690				
20	QPSK	1	0	23.36	23.07	23.26	23.18	24.5	0		
20	QPSK	1	49	23.25	22.97	23.23	23.10				
20	QPSK	1	99	23.22	22.97	23.24	23.07				
20	QPSK	50	0	22.35	22.14	22.26	22.22				
20	QPSK	50	24	22.27	21.99	22.11	22.16	23.5	1		
20	QPSK	50	50	22.29	22.10	22.17	22.10				
20	QPSK	100	0	22.33	22.09	22.09	22.17				
20	16QAM	1	49	22.31	22.01	22.21	22.18				
20	16QAM	1	99	22.22	22.06	22.14	22.14	22.5	2		
20	16QAM	50	0	21.28	21.03	21.17	21.15				
20	16QAM	50	24	21.17	20.91	21.06	21.11				
20	16QAM	50	50	21.23	21.06	21.07	21.03				
20	16QAM	100	0	21.26	20.88	21.05	21.13	22.5	2		
20	64QAM	1	0	21.25	20.91	21.07	21.02				
20	64QAM	1	49	21.14	20.97	21.02	21.14				
20	64QAM	1	99	21.22	20.95	21.02	21.10				
20	64QAM	50	0	20.33	20.09	20.20	20.19	21.5	3		
20	64QAM	50	24	20.31	19.96	20.13	20.13				
20	64QAM	50	50	20.21	19.97	20.07	20.07				
20	64QAM	100	0	20.26	19.98	20.07	20.15				
Channel				55315	55350	55100	55650	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3527.5	3609	36100	3692.5				
15	QPSK	1	0	23.27	22.94	23.13	23.04	24.5	0		
15	QPSK	1	37	23.16	22.89	23.15	22.96				
15	QPSK	1	74	23.07	22.89	23.11	22.92				
15	QPSK	36	0	22.28	22.13	22.20	22.20				
15	QPSK	36	20	22.14	21.90	22.07	22.02	23.5	1		
15	QPSK	36	39	22.21	22.00	22.06	22.00				
15	QPSK	75	0	22.30	22.04	22.00	22.07				
15	16QAM	1	0	22.17	22.03	21.95	22.08				
15	16QAM	1	37	22.26	21.96	22.19	22.04	23.5	1		
15	16QAM	1	74	22.19	21.94	22.02	22.07				
15	16QAM	36	0	21.18	20.91	21.16	21.14				
15	16QAM	36	20	21.05	20.79	21.05	21.09				
15	16QAM	36	39	21.15	20.96	20.97	20.96	22.5	2		
15	16QAM	75	0	21.21	20.97	20.94	20.90				
15	64QAM	1	0	21.14	20.77	20.94	20.93				
15	64QAM	1	37	21.01	20.85	21.00	21.13				
15	64QAM	1	74	21.15	20.91	20.92	21.08	21.5	3		
15	64QAM	36	0	20.26	19.97	20.06	20.16				
15	64QAM	36	20	20.26	19.81	20.11	20.00				
15	64QAM	36	39	20.15	19.91	19.94	20.06				
15	64QAM	75	0	20.18	19.95	19.97	20.08	Tune-up limit (dBm)	MPR (dB)		
Channel				55290	55815	55165	55650				
Frequency (MHz)				3525	3597.5	3642.5	3650	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	0	23.28	22.98	23.20	23.12				
10	QPSK	1	25	23.19	22.83	23.11	23.05	24.5	0		
10	QPSK	1	49	23.07	22.83	23.23	22.97				
10	QPSK	25	0	22.24	22.11	22.08	22.12				
10	QPSK	25	12	22.15	21.93	22.04	22.02				
10	QPSK	25	25	22.23	22.04	22.13	21.96	23.5	1		
10	QPSK	50	0	22.30	21.98	21.97	22.10				
10	16QAM	1	0	22.16	21.92	22.06	22.01				
10	16QAM	1	25	22.15	21.97	22.07	22.04				
10	16QAM	1	49	22.10	22.05	22.07	22.11	22.5	2		
10	16QAM	25	0	21.24	20.92	21.07	21.00				
10	16QAM	25	12	21.07	20.77	20.96	21.05				
10	16QAM	25	25	21.14	20.91	21.02	20.95				
10	16QAM	50	0	21.22	20.81	20.99	21.03	22.5	2		
10	64QAM	1	0	21.17	20.81	20.97	20.90				
10	64QAM	1	25	20.99	20.90	20.89	21.13				
10	64QAM	1	49	21.19	20.88	20.97	21.09				
10	64QAM	25	0	20.30	19.94	20.08	20.07	21.5	3		
10	64QAM	25	12	20.22	19.92	20.01	19.96				
10	64QAM	25	25	20.12	19.92	19.96	19.92				
10	64QAM	50	0	20.18	19.84	19.97	20.02				
Channel				55265	55810	55170	55715	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3552.5	3607	3643	3697.5				
5	QPSK	1	0	23.33	22.99	23.22	23.08	24.5	0		
5	QPSK	1	12	23.13	22.95	23.19	22.99				
5	QPSK	1	24	23.11	22.85	23.20	22.93				
5	QPSK	12	0	22.23	22.09	22.19	22.14				
5	QPSK	12	7	22.15	21.88	22.08	22.14	23.5	1		
5	QPSK	12	13	22.16	22.08	22.02	22.09				
5	QPSK	25	0	22.27	21.97	22.00	22.11				
5	16QAM	1	0	22.15	22.04	21.93	22.10				
5	16QAM	1	12	22.21	21.89	22.12	22.13	23.5	1		
5	16QAM	1	24	22.06	21.92	22.05	22.02				
5	16QAM	12	0	21.19	20.91	21.07	21.13				
5	16QAM	12	7	21.12	20.84	20.93	21.04				
5	16QAM	12	13	21.20	20.88	20.95	20.90	22.5	2		
5	16QAM	25	0	21.19	20.82	21.03	21.08				
5	64QAM	1	0	21.15	20.76	21.02	20.96				
5	64QAM	1	12	21.04	20.92	20.90	21.02				
5	64QAM	1	24	21.13	20.80	20.91	21.01	21.5	3		
5	64QAM	12	0	20.26	20.02	20.12	20.09				
5	64QAM	12	7	20.18	19.87	20.08	20.00				
5	64QAM	12	13	20.09	19.93	20.03	19.93				
5	64QAM	25	0	20.22	19.93	19.96	20.02	Tune-up limit (dBm)	MPR (dB)		
Channel				55265	55810	55170	55715				
Frequency (MHz)				3552.5	3607	3643	3697.5				

Reduced Power Mode for EC14

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	128	189	251	128	189	251	
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4	848.8	
GSM 1 Tx slot		32.35	32.41	32.49	33.50	23.35	23.41	23.49
GPRS 1 Tx slot		32.31	32.38	32.46	33.50	23.31	23.38	23.46
GPRS 2 Tx slots		30.42	30.43	30.58	31.50	24.42	24.43	24.58
GPRS 3 Tx slots		28.21	28.27	28.36	29.50	23.95	24.01	24.10
GPRS 4 Tx slots		27.12	27.23	27.21	28.50	24.12	24.23	24.21
EDGE 1 Tx slot		26.98	26.98	27.05	28.00	17.98	17.98	18.05
EDGE 2 Tx slots		25.82	25.86	25.86	27.00	19.82	19.86	19.86
EDGE 3 Tx slots		23.62	23.52	23.64	24.50	19.36	19.26	19.38
EDGE 4 Tx slots		22.31	22.46	22.57	23.50	19.31	19.46	19.57

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	512	661	810	512	661	810	
Frequency (MHz)		1850.2	1860	1869.8	1850.2	1860	1869.8	
GSM 1 Tx slot		29.24	29.56	29.51	30.50	20.26	20.58	20.51
GPRS 1 Tx slot		29.24	29.53	29.47	30.50	20.24	20.53	20.47
GPRS 2 Tx slots		27.42	27.72	27.77	28.50	21.42	21.72	21.77
GPRS 3 Tx slots		26.21	26.47	26.53	27.50	21.95	22.21	22.27
GPRS 4 Tx slots		24.98	25.14	25.32	26.50	21.98	22.14	22.32
EDGE 1 Tx slot		25.82	25.82	25.81	27.00	16.82	16.82	16.81
EDGE 2 Tx slots		24.49	24.71	24.65	26.00	18.49	18.71	18.65
EDGE 3 Tx slots		22.15	22.23	22.28	23.50	17.89	17.97	18.02
EDGE 4 Tx slots		20.87	20.82	21.05	22.00	17.87	17.82	18.05

GSM1900_Ant 4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	512	661	810	512	661	810	
Frequency (MHz)		1850.2	1860	1869.8	1850.2	1860	1869.8	
GSM 1 Tx slot		29.43	29.69	29.82	30.50	20.43	20.69	20.82
GPRS 1 Tx slot		29.40	29.67	29.74	30.50	20.40	20.67	20.74
GPRS 2 Tx slots		27.49	27.87	27.93	28.50	21.49	21.87	21.93
GPRS 3 Tx slots		26.26	26.57	26.72	27.50	22.00	22.31	22.46
GPRS 4 Tx slots		24.94	25.06	25.37	26.50	21.94	22.06	22.37
EDGE 1 Tx slot		25.88	25.84	25.88	27.00	16.88	16.84	16.88
EDGE 2 Tx slots		24.58	24.52	24.66	26.00	18.58	18.52	18.66
EDGE 3 Tx slots		22.35	22.78	22.28	23.50	18.09	18.52	18.02
EDGE 4 Tx slots		20.72	20.71	20.89	22.00	17.72	17.71	17.89

Band		WCDMA II_Ant-1			Tune-up Limit (dBm)	WCDMA IV_Ant-1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.89	19.85	19.96	21.00	23.82	23.85	23.79	25.00
3GPP Rel 99	RMC 12.2Kbps	19.97	20.05	20.02	21.00	23.87	23.93	23.84	25.00
3GPP Rel 6	HSDPA Subtest-1	18.98	19.11	19.19	20.00	23.08	23.18	23.15	24.00
3GPP Rel 6	HSDPA Subtest-2	18.92	19.01	19.15	20.00	23.01	23.13	23.11	24.00
3GPP Rel 6	HSDPA Subtest-3	18.50	18.48	18.70	19.50	22.60	22.69	22.64	23.50
3GPP Rel 6	HSDPA Subtest-4	18.52	18.51	18.73	19.50	22.53	22.62	22.57	23.50
3GPP Rel 6	DC-HSDPA Subtest-1	18.87	19.04	19.14	20.00	22.96	23.07	23.01	24.00
3GPP Rel 6	DC-HSDPA Subtest-2	18.96	18.96	19.12	20.00	22.87	23.04	23.06	24.00
3GPP Rel 6	DC-HSDPA Subtest-3	18.47	18.56	18.59	19.50	22.55	22.55	22.62	23.50
3GPP Rel 6	DC-HSDPA Subtest-4	18.44	18.52	18.57	19.50	22.51	22.48	22.48	23.50
3GPP Rel 6	HSUPA Subtest-1	17.12	17.11	17.06	18.00	21.07	21.15	21.19	22.00
3GPP Rel 6	HSUPA Subtest-2	17.06	17.08	17.14	18.00	21.11	21.21	21.20	22.00
3GPP Rel 6	HSUPA Subtest-3	18.11	18.05	18.20	19.00	22.09	22.20	22.20	23.00
3GPP Rel 6	HSUPA Subtest-4	16.65	16.66	16.67	18.00	20.57	20.69	20.68	22.00
3GPP Rel 6	HSUPA Subtest-5	18.12	18.15	18.09	20.00	22.10	22.20	22.20	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.90	17.08	17.06	18.50	21.19	21.26	21.23	22.50

Band		WCDMA II_Ant-4			Tune-up Limit (dBm)	WCDMA IV_Ant-4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.80	24.00	23.94	25.00	23.78	23.81	23.74	25.00
3GPP Rel 99	RMC 12.2Kbps	24.90	24.05	24.02	25.00	23.83	23.85	23.78	25.00
3GPP Rel 6	HSDPA Subtest-1	23.22	23.26	23.26	24.00	22.96	23.07	23.09	24.00
3GPP Rel 6	HSDPA Subtest-2	23.21	23.27	23.25	24.00	22.93	23.05	23.10	24.00
3GPP Rel 6	HSDPA Subtest-3	22.78	22.78	22.79	23.50	22.44	22.59	22.60	23.50
3GPP Rel 6	HSDPA Subtest-4	22.73	22.74	22.71	23.50	22.45	22.55	22.53	23.50
3GPP Rel 6	DC-HSDPA Subtest-1	23.16	23.17	23.23	24.00	22.89	22.93	23.02	24.00
3GPP Rel 6	DC-HSDPA Subtest-2	23.17	23.22	23.20	24.00	22.89	23.02	22.96	24.00
3GPP Rel 6	DC-HSDPA Subtest-3	22.76	22.74	22.77	23.50	22.36	22.51	22.58	23.50
3GPP Rel 6	DC-HSDPA Subtest-4	22.58	22.73	22.58	23.50	22.30	22.46	22.49	23.50
3GPP Rel 6	HSUPA Subtest-1	21.25	21.30	21.26	22.00	20.93	21.04	21.06	22.00
3GPP Rel 6	HSUPA Subtest-2	21.29	21.34	21.29	22.00	20.98	21.09	21.04	22.00
3GPP Rel 6	HSUPA Subtest-3	22.26	22.31	22.33	23.00	22.00	22.09	22.12	23.00
3GPP Rel 6	HSUPA Subtest-4	20.82	20.78	20.75	22.00	20.40	20.62	20.65	22.00
3GPP Rel 6	HSUPA Subtest-5	22.30	22.32	22.30	24.00	22.00	22.10	22.10	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.21	21.25	21.23	22.50	21.11	21.19	21.08	22.50

Band		WCDMA V_Ant-0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.80	23.87	23.83	25.00
3GPP Rel 99	RMC 12.2Kbps	23.84	23.95	23.91	25.00
3GPP Rel 6	HSDPA Subtest-1	22.96	22.94	22.92	24.00
3GPP Rel 6	HSDPA Subtest-2	22.89	23.06	22.96	24.00
3GPP Rel 6	HSDPA Subtest-3	22.53	22.61	22.55	23.50
3GPP Rel 6	HSDPA Subtest-4	22.38	22.56	22.51	23.50
3GPP Rel 6	DC-HSDPA Subtest-1	22.84	22.90	22.91	24.00
3GPP Rel 6	DC-HSDPA Subtest-2	22.83	22.99	22.89	24.00
3GPP Rel 6	DC-HSDPA Subtest-3	22.47	22.51	22.41	23.50
3GPP Rel 6	DC-HSDPA Subtest-4	22.31	22.46	22.41	23.50
3GPP Rel 6	HSUPA Subtest-1	20.90	20.94	20.97	22.00
3GPP Rel 6	HSUPA Subtest-2	20.95	20.98	20.98	22.00
3GPP Rel 6	HSUPA Subtest-3	21.94	21.97	21.98	23.00
3GPP Rel 6	HSUPA Subtest-4	20.45	20.43	20.56	22.00
3GPP Rel 6	HSUPA Subtest-5	22.30	22.10	22.00	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.82	20.89	20.88	22.50

GSM850_Ant 4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	128	189	251	128	189	251	
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4	848.8	
GSM 1 Tx slot		32.05	32.26	32.11	33.00	23.05	23.26	23.11
GPRS 1 Tx slot		32.01	32.21	32.05	33.00	23.01	23.21	23.05
GPRS 2 Tx slots		30.12	30.26	30.13	31.00	24.12	24.26	24.13
GPRS 3 Tx slots		27.96	28.04	27.92	29.00	23.60	23.78	23.66
GPRS 4 Tx slots		26.72	26.87	26.77	28.00	23.72	23.87	23.77
EDGE 1 Tx slot		26.82	26.77	26.77	27.50	17.82	17.77	17.77
EDGE 2 Tx slots		25.70	25.68	25.65	26.50	19.70	19.68	19.65
EDGE 3 Tx slots		23.43	23.48	23.32	24.50	19.17	19.22	19.06
EDGE 4 Tx slots		22.27	22.27	22.24	23.50	19.27	19.27	19.24

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	512	661	810	512	661	810	
Frequency (MHz)		1850.2	1860	1869.8	1850.2	1860	1869.8	
GSM 1 Tx slot		29.68	29.79	29.74	30.50	20.68	20.79	20.74
GPRS 1 Tx slot		29.66	29.77	29.73	30.50	20.66	20.77	20.73
GPRS 2 Tx slots		27.78	27.86	27.90	28.50	21.78	21.86	21.90
GPRS 3 Tx slots		26.58	26.68	26.65	27.50	22.32	22.42	22.39
GPRS 4 Tx slots		25.27	25.35	25.38	26.50	22.27	22.35	22.38
EDGE 1 Tx slot		25.99	26.14	26.06	27.00	16.99	17.14	17.06
EDGE 2 Tx slots		24.78	24.88	24.84	26.00	18.78	18.88	18.84
EDGE 3 Tx slots		22.54	22.60	22.58	23.50	18.28	18.34	18.32
EDGE 4 Tx slots		21.26	21.31	21.29	22.00	18.26	18.31	18.29

	Band		WCDMA II_Ant-2			Tune-up Limit (dBm)	WCDMA IV_Ant-2			Tune-up Limit (dBm)
	TX Channel		9262	9400	9538		1312	1413	1513	
	Rx Channel		9662	9800	9938		1537	1638	1738	
	Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.96	24.07	23.92	25.00	23.77	23.83	23.80	25.00	
3GPP Rel 99	RMC 12.2Kbps	24.05	24.10	24.03	25.00	23.82	23.90	23.88	25.00	
3GPP Rel 6	HSDPA Subtest-1	23.20	23.32	23.26	24.00	23.18	23.16	23.08	24.00	
3GPP Rel 6	HSDPA Subtest-2	23.23	23.30	23.25	24.00	23.15	23.14	23.11	24.00	
3GPP Rel 6	HSDPA Subtest-3	22.78	22.78	22.80	23.50	22.71	22.67	22.66	23.50	
3GPP Rel 6	HSDPA Subtest-4	22.74	22.79	22.77	23.50	22.70	22.62	22.65	23.50	
3GPP Rel 8	DC-HSDPA Subtest-1	23.11	23.24	23.25	24.00	23.07	23.13	23.00	24.00	
3GPP Rel 8	DC-HSDPA Subtest-2	23.17	23.15	23.13	24.00	23.14	23.12	23.06	24.00	
3GPP Rel 8	DC-HSDPA Subtest-3	22.74	22.76	22.66	23.50	22.56	22.65	22.61	23.50	
3GPP Rel 8	DC-HSDPA Subtest-4	22.62	22.68	22.70	23.50	22.63	22.55	22.50	23.50	
3GPP Rel 6	HSUPA Subtest-1	21.25	21.32	21.28	22.00	21.02	20.87	20.83	22.00	
3GPP Rel 6	HSUPA Subtest-2	21.19	21.35	21.31	22.00	21.03	20.94	20.80	22.00	
3GPP Rel 6	HSUPA Subtest-3	22.29	22.20	22.24	23.00	21.84	21.88	21.81	23.00	
3GPP Rel 6	HSUPA Subtest-4	20.78	20.75	20.80	22.00	20.37	20.44	20.33	22.00	
3GPP Rel 6	HSUPA Subtest-5	22.20	22.40	22.30	24.00	22.02	22.11	22.08	24.00	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.11	21.25	21.16	22.50	20.98	21.01	20.86	22.50	

Band 2_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	20.25	20.32	20.29	21.5	0		
20	QPSK	1	49	20.10	20.20	20.15				
20	QPSK	1	99	20.15	20.23	20.14				
20	QPSK	50	0	20.22	20.30	20.27	21.5	0		
20	QPSK	50	24	20.04	20.28	20.13				
20	QPSK	50	50	20.13	20.19	20.12				
20	QPSK	100	0	20.21	20.26	20.20	21.5	0		
20	16QAM	1	0	20.17	20.12	20.21				
20	16QAM	1	49	20.12	20.21	20.14				
20	16QAM	1	99	20.23	20.28	20.15	21.5	0		
20	16QAM	50	0	20.22	20.28	20.17				
20	16QAM	50	24	20.22	20.23	20.20				
20	16QAM	50	50	19.97	20.09	20.10	21.5	0		
20	16QAM	100	0	20.00	20.10	20.02				
20	64QAM	1	0	20.20	20.18	20.24				
20	64QAM	1	49	20.03	20.25	20.11	21.5	0		
20	64QAM	1	99	20.10	20.18	20.08				
20	64QAM	50	0	20.20	20.25	20.05				
20	64QAM	50	24	20.12	20.01	20.16	21.5	0		
20	64QAM	50	50	19.99	20.06	20.06				
20	64QAM	100	0	20.11	20.13	20.13				
Channel				18675	18800	19125	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	18900	1902.5				
15	QPSK	1	0	20.22	20.22	20.18	21.5	0		
15	QPSK	1	37	19.99	20.17	20.04				
15	QPSK	1	74	20.13	20.14	20.06				
15	QPSK	36	0	20.15	20.22	20.24	21.5	0		
15	QPSK	36	20	20.03	20.13	20.05				
15	QPSK	36	39	20.11	20.04	20.03				
15	QPSK	75	0	20.13	20.18	20.12	21.5	0		
15	16QAM	1	0	20.14	20.09	20.13				
15	16QAM	1	37	20.00	20.13	20.01				
15	16QAM	1	74	20.08	20.14	20.10	21.5	0		
15	16QAM	36	0	20.07	20.14	20.13				
15	16QAM	36	20	20.10	20.21	20.12				
15	16QAM	36	39	19.85	19.98	20.06	21.5	0		
15	16QAM	75	0	19.95	20.06	20.00				
15	64QAM	1	0	20.05	20.11	20.17				
15	64QAM	1	37	20.01	20.17	20.00	21.5	0		
15	64QAM	1	74	20.03	20.17	20.07				
15	64QAM	36	0	20.10	20.16	20.04				
15	64QAM	36	20	20.11	19.94	20.02	21.5	0		
15	64QAM	36	39	19.87	20.00	20.02				
15	64QAM	75	0	20.08	20.08	20.11				
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	18800	1905				
10	QPSK	1	0	20.24	20.24	20.21	21.5	0		
10	QPSK	1	25	20.01	20.07	20.05				
10	QPSK	1	49	20.06	20.18	20.10				
10	QPSK	25	0	20.17	20.16	20.14	21.5	0		
10	QPSK	25	12	19.93	20.15	19.98				
10	QPSK	25	25	20.10	20.07	20.07				
10	QPSK	50	0	20.08	20.21	20.01	21.5	0		
10	16QAM	1	0	20.09	20.09	20.18				
10	16QAM	1	25	20.09	20.20	20.05				
10	16QAM	1	49	20.08	20.17	20.02	21.5	0		
10	16QAM	25	0	20.21	20.19	20.06				
10	16QAM	25	12	20.18	20.19	20.11				
10	16QAM	25	25	19.85	20.04	20.06	21.5	0		
10	16QAM	50	0	19.93	20.01	19.87				
10	64QAM	1	0	20.17	20.03	20.23				
10	64QAM	1	25	19.96	20.11	20.10	21.5	0		
10	64QAM	1	49	19.96	20.16	19.95				
10	64QAM	25	0	20.18	20.16	19.97				
10	64QAM	25	12	20.09	19.93	20.04	21.5	0		
10	64QAM	25	25	19.87	20.00	20.03				
10	64QAM	50	0	20.02	19.98	20.05				
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	0	20.24	20.18	20.16	21.5	0		
5	QPSK	1	12	20.02	20.12	20.13				
5	QPSK	1	24	20.09	20.21	20.02				
5	QPSK	12	0	20.21	20.21	20.18	21.5	0		
5	QPSK	12	7	20.00	20.26	20.03				
5	QPSK	12	13	20.00	20.07	20.04				
5	QPSK	25	0	20.18	20.24	20.10	21.5	0		
5	16QAM	1	0	20.13	20.08	20.06				
5	16QAM	1	12	19.97	20.06	20.09				
5	16QAM	1	24	20.08	20.19	20.06	21.5	0		
5	16QAM	12	0	20.07	20.23	20.16				
5	16QAM	12	7	20.08	20.15	20.07				
5	16QAM	12	13	19.94	20.08	20.08	21.5	0		
5	16QAM	25	0	19.92	20.04	19.98				
5	64QAM	1	0	20.12	20.05	20.20				
5	64QAM	1	12	20.02	20.11	20.02	21.5	0		
5	64QAM	1	24	20.08	20.10	20.09				
5	64QAM	12	0	20.13	20.16	20.01				
5	64QAM	12	7	20.05	19.98	20.14	21.5	0		
5	64QAM	12	13	19.84	19.91	20.03				
5	64QAM	25	0	19.97	20.07	20.08				
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1851.5	1880	1908.5				
3	QPSK	1	0	20.21	20.25	20.21	21.5	0		
3	QPSK	1	8	20.09	20.17	20.12				
3	QPSK	1	14	20.05	20.15	20.11				
3	QPSK	8	0	20.07	20.22	20.24	21.5	0		
3	QPSK	8	4	19.94	20.23	19.99				
3	QPSK	8	7	20.09	20.19	20.09				
3	QPSK	15	0	20.16	20.15	19.99	21.5	0		
3	16QAM	1	0	20.13	20.11	20.07				
3	16QAM	1	8	20.08	20.07	20.05				
3	16QAM	1	14	20.22	20.25	20.10	21.5	0		
3	16QAM	8	0	20.21	20.13	20.06				
3	16QAM	8	4	20.10	20.16	20.09				
3	16QAM	8	7	19.93	19.94	20.00	21.5	0		
3	16QAM	15	0	19.93	20.00	19.93				
3	64QAM	1	0	20.16	20.14	20.10				
3	64QAM	1	8	19.95	20.17	19.96	21.5	0		
3	64QAM	1	14	19.95	20.04	20.06				
3	64QAM	8	0	20.16	20.10	19.96				
3	64QAM	8	4	20.06	19.98	20.08	21.5	0		
3	64QAM	8	7	19.89	19.91	19.96				
3	64QAM	15	0	20.08	20.00	20.11				
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	18800	1909.3				
1.4	QPSK	1	0	20.14	20.26	20.28	21.5	0		
1.4	QPSK	1	3	20.07	20.16	20.20				
1.4	QPSK	1	6	20.01	20.19	20.04				
1.4	QPSK	3	0	20.20	20.21	20.26	21.5	0		
1.4	QPSK	3	1	20.01	20.25	20.11				
1.4	QPSK	3	3	19.99	20.18	20.02				
1.4	QPSK	6	0	20.19	20.24	19.98	21.5	0		
1.4	16QAM	1	0	20.16	19.97	20.09				
1.4	16QAM	1	3	20.04	20.06	20.05				
1.4	16QAM	1	6	20.19	20.23	20.03	21.5	0		
1.4	16QAM	3	0	20.12	20.19	20.14				
1.4	16QAM	3	1	20.16	20.19	20.07				
1.4	16QAM	3	3	19.90	20.08	19.04	21.5	0		
1.4	16QAM	6	0	19.95	20.03	19.97				
1.4	64QAM	1	0	20.15	20.10	20.11				
1.4	64QAM	1	3	19.92	20.23	20.00	21.5	0		
1.4	64QAM	1	5	19.98	20.12	19.94				
1.4	64QAM	3	0	20.13	20.16	19.97				
1.4	64QAM	3	1	20.02	20.07	20.13	21.5	0		
1.4	64QAM	3	3	19.94	19.99	19.91				
1.4	64QAM	6	0	19.99	20.09	20.10				

Band 4_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	23.25	23.30	23.27	24.5	0	
20	QPSK	1	49	23.22	23.26	23.20			
20	QPSK	1	99	23.11	23.15	23.22			
20	QPSK	50	0	22.29	22.31	22.27	23.5	1	
20	QPSK	50	24	22.27	22.22	22.25			
20	QPSK	50	50	22.21	22.16	22.26			
20	QPSK	100	0	22.24	22.29	22.26	23.5	1	
20	16QAM	1	0	22.52	22.53	22.49			
20	16QAM	1	49	22.53	22.51	22.48			
20	16QAM	1	99	22.44	22.36	22.50	22.5	2	
20	16QAM	50	0	21.23	21.20	21.21			
20	16QAM	50	24	21.26	21.19	21.26			
20	16QAM	50	50	21.22	21.20	21.26	22.5	2	
20	16QAM	100	0	21.22	21.24	21.21			
20	64QAM	1	0	21.34	21.45	21.41			
20	64QAM	1	49	21.42	21.43	21.46	22.5	2	
20	64QAM	1	99	21.27	21.25	21.42			
20	64QAM	50	0	20.24	20.22	20.21			
20	64QAM	50	24	20.27	20.21	20.27	21.5	3	
20	64QAM	50	50	20.21	20.19	20.27			
20	64QAM	100	0	20.23	20.19	20.25			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	23.15	23.16	23.22	24.5	0	
15	QPSK	1	37	23.09	23.16	23.13			
15	QPSK	1	74	23.10	23.03	23.12			
15	QPSK	36	0	22.22	22.17	22.17	23.5	1	
15	QPSK	36	20	22.12	22.19	22.24			
15	QPSK	36	39	22.11	22.06	22.15			
15	QPSK	75	0	22.09	22.21	22.25	23.5	1	
15	16QAM	1	0	22.49	22.41	22.34			
15	16QAM	1	37	22.39	22.49	22.40			
15	16QAM	1	74	22.40	22.30	22.42	22.5	2	
15	16QAM	36	0	21.22	21.05	21.15			
15	16QAM	36	20	21.16	21.05	21.19			
15	16QAM	36	39	21.09	21.13	21.13	22.5	2	
15	16QAM	75	0	21.13	21.10	21.20			
15	64QAM	1	0	21.27	21.39	21.28			
15	64QAM	1	37	21.30	21.38	21.37	22.5	2	
15	64QAM	1	74	21.13	21.21	21.33			
15	64QAM	36	0	20.17	20.18	20.07			
15	64QAM	36	20	20.26	20.20	20.26	21.5	3	
15	64QAM	36	39	20.11	20.05	20.21			
15	64QAM	75	0	20.20	20.08	20.20			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	23.14	23.18	23.18	24.5	0	
10	QPSK	1	25	23.07	23.12	23.19			
10	QPSK	1	49	23.06	23.07	23.19			
10	QPSK	25	0	22.16	22.21	22.21	23.5	1	
10	QPSK	25	12	22.14	22.11	22.18			
10	QPSK	25	25	22.14	22.14	22.14			
10	QPSK	50	0	22.18	22.14	22.14	23.5	1	
10	16QAM	1	0	22.39	22.43	22.38			
10	16QAM	1	25	22.51	22.47	22.42			
10	16QAM	1	49	22.37	22.34	22.47	22.5	2	
10	16QAM	25	0	21.18	21.19	21.07			
10	16QAM	25	12	21.15	21.09	21.17			
10	16QAM	25	25	21.07	21.13	21.25	22.5	2	
10	16QAM	50	0	21.17	21.14	21.20			
10	64QAM	1	0	21.25	21.33	21.30			
10	64QAM	1	25	21.38	21.36	21.40	22.5	2	
10	64QAM	1	49	21.17	21.13	21.29			
10	64QAM	25	0	20.13	20.08	20.06			
10	64QAM	25	12	20.23	20.07	20.25	21.5	3	
10	64QAM	25	25	20.12	20.07	20.21			
10	64QAM	50	0	20.15	20.05	20.20			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	23.18	23.18	23.24	24.5	0	
5	QPSK	1	12	23.09	23.18	23.24			
5	QPSK	1	24	23.06	23.00	23.10			
5	QPSK	12	0	22.14	22.24	22.16	23.5	1	
5	QPSK	12	7	22.20	22.16	22.14			
5	QPSK	12	13	22.18	22.15	22.21			
5	QPSK	25	0	22.23	22.28	22.14	23.5	1	
5	16QAM	1	0	22.40	22.41	22.35			
5	16QAM	1	12	22.50	22.37	22.34			
5	16QAM	1	24	22.33	22.35	22.45	22.5	2	
5	16QAM	12	0	21.17	21.06	21.16			
5	16QAM	12	7	21.17	21.07	21.21			
5	16QAM	12	13	21.16	21.07	21.25	22.5	2	
5	16QAM	25	0	21.13	21.05	21.09			
5	64QAM	1	0	21.20	21.39	21.40			
5	64QAM	1	12	21.31	21.36	21.45	22.5	2	
5	64QAM	1	24	21.25	21.11	21.33			
5	64QAM	12	0	20.14	20.20	20.14			
5	64QAM	12	7	20.16	20.11	20.14	21.5	3	
5	64QAM	12	13	20.13	20.16	20.25			
5	64QAM	25	0	20.11	20.11	20.23			
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	23.14	23.15	23.20	24.5	0	
3	QPSK	1	8	23.15	23.21	23.11			
3	QPSK	1	14	22.97	23.07	23.16			
3	QPSK	8	0	22.18	22.20	22.12	23.5	1	
3	QPSK	8	4	22.25	22.18	22.12			
3	QPSK	8	7	22.19	22.16	22.12			
3	QPSK	15	0	22.09	22.27	22.24	23.5	1	
3	16QAM	1	0	22.45	22.40	22.45			
3	16QAM	1	8	22.45	22.47	22.40			
3	16QAM	1	14	22.33	22.22	22.46	22.5	2	
3	16QAM	8	0	21.21	21.08	21.10			
3	16QAM	8	4	21.22	21.10	21.15			
3	16QAM	8	7	21.07	21.09	21.15	22.5	2	
3	16QAM	15	0	21.08	21.06	21.12			
3	64QAM	1	0	21.30	21.43	21.29			
3	64QAM	1	8	21.36	21.29	21.40	22.5	2	
3	64QAM	1	14	21.13	21.12	21.38			
3	64QAM	8	0	20.18	20.15	20.13			
3	64QAM	8	4	20.12	20.13	20.13	21.5	3	
3	64QAM	8	7	20.07	20.04	20.18			
3	64QAM	15	0	20.08	20.08	20.10			
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	23.15	23.22	23.17	24.5	0	
1.4	QPSK	1	3	23.20	23.23	23.17			
1.4	QPSK	1	5	22.98	23.12	23.18			
1.4	QPSK	3	0	23.14	23.25	23.25	23.5	1	
1.4	QPSK	3	1	23.07	23.24	23.19			
1.4	QPSK	3	3	23.01	23.08	23.21			
1.4	QPSK	6	0	22.12	22.26	22.12	23.5	1	
1.4	16QAM	1	0	22.40	22.38	22.36	23.5	1	
1.4	16QAM	1	3	22.48	22.39	22.38			
1.4	16QAM	1	5	22.40	22.35	22.45			
1.4	16QAM	3	0	22.38	22.40	22.36	22.5	2	
1.4	16QAM	3	1	22.51	22.40	22.47			
1.4	16QAM	3	3	22.43	22.30	22.46			
1.4	64QAM	1	0	21.33	21.38	21.36	22.5	2	
1.4	64QAM	1	3	21.29	21.37	21.41			
1.4	64QAM	1	5	21.21	21.13	21.36			
1.4	64QAM	3	0	21.22	21.43	21.26	21.5	3	
1.4	64QAM	3	1	21.26	21.38	21.30			
1.4	64QAM	3	3	21.21	21.17	21.35			
1.4	64QAM	6	0	20.16	20.11	20.22	21.5	3	

Band 5_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.76	23.87	23.86	25	0		
10	QPSK	1	25	23.66	23.74	23.53				
10	QPSK	1	49	23.70	23.82	23.74				
10	QPSK	25	0	22.64	22.77	22.74				
10	QPSK	25	12	22.63	22.67	22.72				
10	QPSK	25	25	22.63	22.69	22.70	24	1		
10	QPSK	50	0	22.67	22.75	22.73				
10	16QAM	1	0	22.74	22.93	22.97				
10	16QAM	1	25	22.74	22.74	23.02				
10	16QAM	1	49	22.71	23.00	22.97				
10	16QAM	25	0	21.66	21.63	21.74	23	2		
10	16QAM	25	12	21.60	21.71	21.69				
10	16QAM	25	25	21.60	21.78	21.71				
10	16QAM	50	0	21.62	21.73	21.71				
10	64QAM	1	0	21.93	22.06	21.96				
10	64QAM	1	25	21.85	21.77	21.95	23	2		
10	64QAM	1	49	21.84	21.98	21.81				
10	64QAM	25	0	20.60	20.73	20.66				
10	64QAM	25	12	20.52	20.62	20.69				
10	64QAM	25	25	20.66	20.68	20.81				
10	64QAM	50	0	20.63	20.68	20.74	22	3		
Channel				20425	20525	20625				
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	23.75	23.85	23.83	25	0		
5	QPSK	1	12	23.54	23.73	23.39				
5	QPSK	1	24	23.65	23.77	23.62				
5	QPSK	12	0	22.60	22.72	22.61				
5	QPSK	12	7	22.51	22.56	22.71				
5	QPSK	12	13	22.55	22.62	22.62	24	1		
5	QPSK	25	0	22.56	22.62	22.66				
5	16QAM	1	0	22.67	22.80	22.91				
5	16QAM	1	12	22.61	22.62	22.93				
5	16QAM	1	24	22.67	22.90	22.86				
5	16QAM	12	0	21.65	21.54	21.72	23	2		
5	16QAM	12	7	21.56	21.64	21.65				
5	16QAM	12	13	21.57	21.73	21.70				
5	16QAM	25	0	21.61	21.66	21.58				
5	64QAM	1	0	21.89	22.01	21.87				
5	64QAM	1	12	21.75	21.69	21.94	23	2		
5	64QAM	1	24	21.72	21.93	21.76				
5	64QAM	12	0	20.49	20.67	20.60				
5	64QAM	12	7	20.46	20.50	20.58				
5	64QAM	12	13	20.57	20.55	20.72				
5	64QAM	25	0	20.68	20.62	20.74	22	3		
Channel				20415	20525	20635				
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	23.74	23.81	23.76	25	0		
3	QPSK	1	8	23.52	23.66	23.39				
3	QPSK	1	14	23.61	23.69	23.70				
3	QPSK	8	0	22.57	22.76	22.71				
3	QPSK	8	4	22.62	22.59	22.69				
3	QPSK	8	7	22.60	22.61	22.69	24	1		
3	QPSK	15	0	22.59	22.73	22.64				
3	16QAM	1	0	22.62	22.89	22.88				
3	16QAM	1	8	22.72	22.68	22.97				
3	16QAM	1	14	22.68	22.88	22.91				
3	16QAM	8	0	21.65	21.57	21.63	23	2		
3	16QAM	8	4	21.48	21.63	21.63				
3	16QAM	8	7	21.59	21.64	21.64				
3	16QAM	15	0	21.53	21.61	21.56				
3	64QAM	1	0	21.80	21.95	21.95				
3	64QAM	1	8	21.78	21.69	21.88	23	2		
3	64QAM	1	14	21.70	21.85	21.70				
3	64QAM	8	0	20.49	20.66	20.51				
3	64QAM	8	4	20.42	20.48	20.57				
3	64QAM	8	7	20.63	20.65	20.73				
3	64QAM	15	0	20.68	20.59	20.65	22	3		
Channel				20407	20525	20643				
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.69	23.72	23.84	25	0		
1.4	QPSK	1	3	23.51	23.71	23.45				
1.4	QPSK	1	5	23.57	23.77	23.65				
1.4	QPSK	3	0	23.71	23.80	23.85				
1.4	QPSK	3	1	23.63	23.68	23.45				
1.4	QPSK	3	3	23.69	23.70	23.73	24	1		
1.4	QPSK	6	0	22.58	22.61	22.65				
1.4	16QAM	1	0	22.73	22.91	22.88				
1.4	16QAM	1	3	22.64	22.59	23.00				
1.4	16QAM	1	5	22.66	22.86	22.84				
1.4	16QAM	3	0	22.73	22.86	22.87	24	1		
1.4	16QAM	3	1	22.64	22.71	23.01				
1.4	16QAM	3	3	22.59	22.88	22.86				
1.4	16QAM	6	0	21.57	21.64	21.67				
1.4	64QAM	1	0	21.92	21.93	21.87				
1.4	64QAM	1	3	21.82	21.73	21.92	23	2		
1.4	64QAM	1	5	21.80	21.92	21.80				
1.4	64QAM	3	0	21.49	21.75	21.69				
1.4	64QAM	3	1	21.53	21.69	21.70				
1.4	64QAM	3	3	21.98	21.99	21.97				
1.4	64QAM	6	0	20.60	20.59	20.77	22	3		

Band 5_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dbm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.63	23.66	23.64	25	0		
10	QPSK	1	25	23.49	23.44	23.50				
10	QPSK	1	49	23.47	23.61	23.57				
10	QPSK	25	0	22.59	22.63	22.55				
10	QPSK	25	12	22.54	22.49	22.50				
10	QPSK	25	25	22.55	22.56	22.47	24	1		
10	QPSK	50	0	22.56	22.60	22.52				
10	16QAM	1	0	22.85	23.05	22.80				
10	16QAM	1	25	22.80	22.81	23.01				
10	16QAM	1	49	22.88	22.87	22.93				
10	16QAM	25	0	21.57	21.47	21.60	23	2		
10	16QAM	25	12	21.62	21.42	21.64				
10	16QAM	25	25	21.61	21.48	21.62				
10	16QAM	50	0	21.61	21.46	21.61				
10	64QAM	1	0	21.75	21.87	21.80				
10	64QAM	1	25	21.76	21.60	21.66	23	2		
10	64QAM	1	49	21.62	21.68	21.94				
10	64QAM	25	0	20.50	20.53	20.61				
10	64QAM	25	12	20.49	20.48	20.48				
10	64QAM	25	25	20.52	20.58	20.52	22	3		
10	64QAM	50	0	20.51	20.51	20.61				
Channel				20425	20525	20625	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	23.51	23.64	23.58	25	0		
5	QPSK	1	12	23.41	23.42	23.42				
5	QPSK	1	24	23.32	23.59	23.52				
5	QPSK	12	0	22.48	22.58	22.40				
5	QPSK	12	7	22.52	22.46	22.45				
5	QPSK	12	13	22.40	22.33	22.33	24	1		
5	QPSK	25	0	22.54	22.57	22.48				
5	16QAM	1	0	22.84	23.03	22.66				
5	16QAM	1	12	22.58	22.71	22.90				
5	16QAM	1	24	22.80	22.84	22.92				
5	16QAM	12	0	21.49	21.46	21.53	23	2		
5	16QAM	12	7	21.58	21.30	21.53				
5	16QAM	12	13	21.53	21.41	21.61				
5	16QAM	25	0	21.58	21.60	21.58				
5	64QAM	1	0	21.63	21.85	21.75				
5	64QAM	1	12	21.61	21.56	21.64	23	2		
5	64QAM	1	24	21.48	21.59	21.85				
5	64QAM	12	0	20.40	20.40	20.48				
5	64QAM	12	7	20.34	20.36	20.36				
5	64QAM	12	13	20.40	20.56	20.41				
5	64QAM	25	0	20.42	20.50	20.55	22	3		
5	64QAM	25	0	20.415	20.525	20.635				
Channel				20415	20525	20635	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	23.54	23.64	23.61	25	0		
3	QPSK	1	8	23.35	23.41	23.40				
3	QPSK	1	14	23.41	23.53	23.48				
3	QPSK	8	0	22.53	22.61	22.42				
3	QPSK	8	4	22.43	22.44	22.40				
3	QPSK	8	7	22.41	22.52	22.40	24	1		
3	QPSK	15	0	22.54	22.56	22.44				
3	16QAM	1	0	22.80	22.93	22.73				
3	16QAM	1	8	22.70	22.78	22.89				
3	16QAM	1	14	22.77	22.83	22.83				
3	16QAM	8	0	21.53	21.37	21.46	23	2		
3	16QAM	8	4	21.57	21.39	21.53				
3	16QAM	8	7	21.53	21.37	21.56				
3	16QAM	15	0	21.59	21.31	21.47				
3	64QAM	1	0	21.63	21.78	21.79				
3	64QAM	1	8	21.65	21.53	21.55	23	2		
3	64QAM	1	14	21.55	21.61	21.88				
3	64QAM	8	0	20.49	20.41	20.60				
3	64QAM	8	4	20.36	20.44	20.36				
3	64QAM	8	7	20.47	20.39	20.40				
3	64QAM	15	0	20.43	20.42	20.48	22	3		
3	64QAM	15	0	20.415	20.525	20.643				
Channel				20407	20525	20643	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.57	23.56	23.57	25	0		
1.4	QPSK	1	3	23.46	23.42	23.43				
1.4	QPSK	1	5	23.37	23.51	23.40				
1.4	QPSK	3	0	23.54	23.60	23.54				
1.4	QPSK	3	1	23.45	23.29	23.49				
1.4	QPSK	3	3	23.46	23.54	23.45	24	1		
1.4	QPSK	6	0	22.43	22.47	22.39				
1.4	16QAM	1	0	22.78	22.99	22.67				
1.4	16QAM	1	3	22.60	22.89	22.80				
1.4	16QAM	1	5	22.87	22.79	22.87				
1.4	16QAM	3	0	22.80	23.02	22.79	24	1		
1.4	16QAM	3	1	22.66	22.79	22.90				
1.4	16QAM	3	3	22.74	22.72	22.86				
1.4	16QAM	6	0	21.50	21.37	21.58				
1.4	64QAM	1	0	21.71	21.77	21.67				
1.4	64QAM	1	3	21.62	21.53	21.63	23	2		
1.4	64QAM	1	5	21.51	21.67	21.83				
1.4	64QAM	3	0	21.61	21.85	21.68				
1.4	64QAM	3	1	21.63	21.59	21.57				
1.4	64QAM	3	3	21.60	21.54	21.91				
1.4	64QAM	6	0	20.45	20.42	20.50	22	3		
1.4	64QAM	6	0	20.45	20.42	20.51				

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	24.5	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.75	23.86	23.77			
20	QPSK	1	49	23.69	23.77	23.70			
20	QPSK	1	99	23.72	23.85	23.71	23.5	1	
20	QPSK	50	0	22.73	22.79	22.76			
20	QPSK	50	24	22.66	22.74	22.73			
20	QPSK	50	50	22.69	22.77	22.71			
20	QPSK	100	0	22.67	22.78	22.69	23.5	1	
20	16QAM	1	0	22.82	22.90	22.95			
20	16QAM	1	49	22.88	22.92	22.85			
20	16QAM	1	99	22.79	23.10	23.13			
20	16QAM	50	0	21.59	21.79	21.72	22.5	2	
20	16QAM	50	24	21.66	21.75	21.69			
20	16QAM	50	50	21.74	21.75	21.71			
20	16QAM	100	0	21.66	21.73	21.71			
20	64QAM	1	0	21.80	22.06	22.05	22.5	2	
20	64QAM	1	49	21.77	21.91	21.85			
20	64QAM	1	99	21.80	21.93	22.13			
20	64QAM	50	0	20.61	20.76	20.76			
20	64QAM	50	24	20.68	20.82	20.71	21.5	3	
20	64QAM	50	50	20.71	20.80	20.70			
20	64QAM	100	0	20.65	20.78	20.72			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	24.5	0	
15	QPSK	1	0	23.67	23.79	23.76			
15	QPSK	1	37	23.59	23.65	23.69			
15	QPSK	1	74	23.64	23.70	23.67			
15	QPSK	36	0	22.67	22.70	22.67	23.5	1	
15	QPSK	36	20	22.65	22.66	22.71			
15	QPSK	36	39	22.66	22.70	22.70			
15	QPSK	75	0	22.58	22.75	22.60			
15	16QAM	1	0	22.67	22.86	22.88	23.5	1	
15	16QAM	1	37	22.83	22.80	22.76			
15	16QAM	1	74	22.70	23.03	23.11			
15	16QAM	36	0	21.50	21.71	21.64			
15	16QAM	36	20	21.61	21.63	21.60	22.5	2	
15	16QAM	36	39	21.62	21.68	21.58			
15	16QAM	75	0	21.60	21.71	21.59			
15	64QAM	1	0	21.69	22.05	22.01			
15	64QAM	1	37	21.73	21.89	21.73	22.5	2	
15	64QAM	1	74	21.67	21.78	22.06			
15	64QAM	36	0	20.57	20.69	20.62			
15	64QAM	36	20	20.58	20.81	20.56			
15	64QAM	36	39	20.56	20.77	20.69	21.5	3	
15	64QAM	75	0	20.51	20.74	20.62			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	24.5	0	
10	QPSK	1	0	23.65	23.79	23.72			
10	QPSK	1	25	23.64	23.69	23.63			
10	QPSK	1	49	23.64	23.70	23.70			
10	QPSK	25	0	22.62	22.66	22.72	23.5	1	
10	QPSK	25	12	22.57	22.67	22.64			
10	QPSK	25	25	22.64	22.63	22.69			
10	QPSK	50	0	22.54	22.73	22.64			
10	16QAM	1	0	22.75	22.80	22.88	23.5	1	
10	16QAM	1	25	22.80	22.88	22.77			
10	16QAM	1	49	22.75	23.08	23.05			
10	16QAM	25	0	21.52	21.73	21.65			
10	16QAM	25	12	21.56	21.64	21.57	22.5	2	
10	16QAM	25	25	21.62	21.67	21.68			
10	16QAM	50	0	21.51	21.67	21.70			
10	64QAM	1	0	21.72	21.98	21.90			
10	64QAM	1	25	21.67	21.81	21.84	22.5	2	
10	64QAM	1	49	21.67	21.81	22.04			
10	64QAM	25	0	20.48	20.74	20.74			
10	64QAM	25	12	20.65	20.73	20.69			
10	64QAM	25	25	20.60	20.72	20.62	21.5	3	
10	64QAM	50	0	20.62	20.72	20.65			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	24.5	0	
5	QPSK	1	0	23.60	23.85	23.65			
5	QPSK	1	12	23.57	23.74	23.62			
5	QPSK	1	24	23.66	23.84	23.68			
5	QPSK	12	0	22.62	22.68	22.67	23.5	1	
5	QPSK	12	7	22.62	22.59	22.72			
5	QPSK	12	13	22.63	22.66	22.59			
5	QPSK	25	0	22.56	22.65	22.65			
5	16QAM	1	0	22.73	22.81	22.89	23.5	1	
5	16QAM	1	12	22.75	22.84	22.72			
5	16QAM	1	24	22.74	22.99	22.99			
5	16QAM	12	0	21.55	21.65	21.67			
5	16QAM	12	7	21.57	21.64	21.58	22.5	2	
5	16QAM	12	13	21.61	21.67	21.65			
5	16QAM	25	0	21.52	21.62	21.60			
5	64QAM	1	0	21.70	22.04	21.98			
5	64QAM	1	12	21.64	21.82	21.77	22.5	2	
5	64QAM	1	24	21.70	21.88	22.01			
5	64QAM	12	0	20.59	20.64	20.62			
5	64QAM	12	7	20.57	20.68	20.67			
5	64QAM	12	13	20.62	20.75	20.57	21.5	3	
5	64QAM	25	0	20.62	20.73	20.68			

Band 7_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	24.5	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.53	23.67	23.55			
20	QPSK	1	49	23.49	23.65	23.50			
20	QPSK	1	99	23.41	23.53	23.51	23.5	1	
20	QPSK	50	0	22.52	22.60	22.51			
20	QPSK	50	24	22.49	22.58	22.39			
20	QPSK	50	50	22.51	22.52	22.47			
20	QPSK	100	0	22.48	22.52	22.43	23.5	1	
20	16QAM	1	0	22.65	22.90	22.70			
20	16QAM	1	49	22.69	22.66	22.70			
20	16QAM	1	99	22.76	22.69	22.80			
20	16QAM	50	0	21.51	21.47	21.46	22.5	2	
20	16QAM	50	24	21.50	21.51	21.42			
20	16QAM	50	50	21.50	21.44	21.46			
20	16QAM	100	0	21.51	21.47	21.44			
20	64QAM	1	0	21.75	21.76	21.68	22.5	2	
20	64QAM	1	49	21.79	21.61	21.71			
20	64QAM	1	99	21.70	21.52	21.65			
20	64QAM	50	0	20.53	20.51	20.43			
20	64QAM	50	24	20.48	20.51	20.45	21.5	3	
20	64QAM	50	50	20.58	20.50	20.41			
20	64QAM	100	0	20.54	20.51	20.41			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	24.5	0	
15	QPSK	1	0	23.51	23.66	23.43			
15	QPSK	1	37	23.37	23.63	23.45			
15	QPSK	1	74	23.33	23.44	23.49			
15	QPSK	36	0	22.50	22.46	22.50	23.5	1	
15	QPSK	36	20	22.43	22.48	22.32			
15	QPSK	36	39	22.44	22.42	22.36			
15	QPSK	75	0	22.39	22.44	22.36			
15	16QAM	1	0	22.62	22.78	22.66	23.5	1	
15	16QAM	1	37	22.63	22.62	22.59			
15	16QAM	1	74	22.65	22.64	22.65			
15	16QAM	36	0	21.36	21.40	21.35			
15	16QAM	36	20	21.44	21.50	21.32	22.5	2	
15	16QAM	36	39	21.56	21.41	21.33			
15	16QAM	75	0	21.65	21.53	21.36			
15	64QAM	1	0	21.68	21.67	21.64			
15	64QAM	1	37	21.68	21.47	21.64	22.5	2	
15	64QAM	1	74	21.61	21.42	21.50			
15	64QAM	36	0	20.48	20.48	20.41			
15	64QAM	36	20	20.36	20.46	20.42			
15	64QAM	36	39	20.51	20.36	20.39	21.5	3	
15	64QAM	75	0	20.47	20.50	20.34			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	24.5	0	
10	QPSK	1	0	23.38	23.55	23.48			
10	QPSK	1	25	23.45	23.63	23.38			
10	QPSK	1	49	23.24	23.50	23.50			
10	QPSK	25	0	22.46	22.58	22.47	23.5	1	
10	QPSK	25	12	22.41	22.43	22.31			
10	QPSK	25	25	22.42	22.42	22.36			
10	QPSK	50	0	22.36	22.50	22.41			
10	16QAM	1	0	22.50	22.77	22.65	23.5	1	
10	16QAM	1	25	22.64	22.51	22.65			
10	16QAM	1	49	22.75	22.60	22.65			
10	16QAM	25	0	21.44	21.39	21.41			
10	16QAM	25	12	21.44	21.39	21.37	22.5	2	
10	16QAM	25	25	21.50	21.36	21.38			
10	16QAM	50	0	21.36	21.45	21.37			
10	64QAM	1	0	21.69	21.65	21.63			
10	64QAM	1	25	21.68	21.52	21.65	22.5	2	
10	64QAM	1	49	21.68	21.49	21.62			
10	64QAM	25	0	20.48	20.41	20.33			
10	64QAM	25	12	20.39	20.42	20.34			
10	64QAM	25	25	20.46	20.40	20.36	21.5	3	
10	64QAM	50	0	20.45	20.46	20.32			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2536	2567.5	24.5	0	
5	QPSK	1	0	23.40	23.66	23.41			
5	QPSK	1	12	23.41	23.62	23.38			
5	QPSK	1	24	23.28	23.38	23.40			
5	QPSK	12	0	22.41	22.48	22.36	23.5	1	
5	QPSK	12	7	22.47	22.48	22.36			
5	QPSK	12	13	22.48	22.43	22.32			
5	QPSK	25	0	22.44	22.44	22.34			
5	16QAM	1	0	22.62	22.78	22.65	23.5	1	
5	16QAM	1	12	21.44	21.39	21.41			
5	16QAM	1	24	22.69	22.62	22.72			
5	16QAM	12	0	21.50	21.45	21.40			
5	16QAM	12	7	21.38	21.50	21.40	22.5	2	
5	16QAM	12	13	21.49	21.35	21.31			
5	16QAM	25	0	21.38	21.41	21.41			
5	64QAM	1	0	21.62	21.67	21.65			
5	64QAM	1	12	21.75	21.46	21.56	22.5	2	
5	64QAM	1	24	21.68	21.39	21.55			
5	64QAM	12	0	20.46	20.43	20.34			
5	64QAM	12	7	20.40	20.41	20.42			
5	64QAM	12	13	20.49	20.40	20.36	21.5	3	
5	64QAM	25	0	20.40	20.41	20.27			

Band 12_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130	24.5	0		
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	23.66	23.72	23.69	23.5	1		
10	QPSK	1	25	23.60	23.64	23.54				
10	QPSK	1	49	23.62	23.43	23.38				
10	QPSK	25	0	22.55	22.60	22.53	23.5	1		
10	QPSK	25	12	22.51	22.52	22.51				
10	QPSK	25	25	22.53	22.56	22.45				
10	QPSK	50	0	22.53	22.58	22.47	22.5	2		
10	16QAM	1	0	22.95	22.63	22.99				
10	16QAM	1	25	22.94	22.69	22.70				
10	16QAM	1	49	22.99	22.76	22.64	22.5	2		
10	16QAM	25	0	21.52	21.64	21.46				
10	16QAM	25	12	21.43	21.53	21.43				
10	16QAM	25	25	21.60	21.54	21.44	22.5	2		
10	16QAM	50	0	21.56	21.56	21.44				
10	64QAM	1	0	21.75	21.73	21.87				
10	64QAM	1	25	21.85	21.90	21.77	22.5	2		
10	64QAM	1	49	21.71	21.69	21.84				
10	64QAM	25	0	20.53	20.50	20.49				
10	64QAM	25	12	20.58	20.52	20.48	21.5	3		
10	64QAM	25	25	20.51	20.49	20.49				
10	64QAM	50	0	20.53	20.52	20.46				
Channel				23035	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				703.5	707.5	713.5	24.5 <th colspan="2" rowspan="3">0</th>	0		
5	QPSK	1	0	23.55	23.70	23.57				
5	QPSK	1	12	23.49	23.55	23.49				
5	QPSK	1	24	23.54	23.34	23.28	23.5	1		
5	QPSK	12	0	22.53	22.51	22.50				
5	QPSK	12	7	22.49	22.49	22.37				
5	QPSK	12	13	22.48	22.51	22.31	23.5	1		
5	QPSK	25	0	22.44	22.52	22.42				
5	16QAM	1	0	22.87	22.57	22.90				
5	16QAM	1	12	22.87	22.61	22.67	23.5	1		
5	16QAM	1	24	22.95	22.68	22.52				
5	16QAM	12	0	21.46	21.59	21.41				
5	16QAM	12	7	21.40	21.50	21.29	22.5	2		
5	16QAM	12	13	21.54	21.43	21.30				
5	16QAM	25	0	21.44	21.42	21.37				
5	64QAM	1	0	21.71	21.71	21.81	22.5	2		
5	64QAM	1	12	21.81	21.88	21.74				
5	64QAM	1	24	21.66	21.65	21.71				
5	64QAM	12	0	20.39	20.36	20.40	21.5	3		
5	64QAM	12	7	20.55	20.46	20.35				
5	64QAM	12	13	20.48	20.39	20.48				
5	64QAM	25	0	20.44	20.39	20.42	21.5	3		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				700.5	707.5	714.5	24.5 <th colspan="2" rowspan="3">0</th>	0		
3	QPSK	1	0	23.58	23.63	23.68				
3	QPSK	1	8	23.53	23.59	23.44				
3	QPSK	1	14	23.56	23.35	23.37	23.5	1		
3	QPSK	8	0	22.43	22.59	22.48				
3	QPSK	8	4	22.46	22.42	22.45				
3	QPSK	8	7	22.49	22.55	22.43	23.5	1		
3	QPSK	15	0	22.48	22.49	22.40				
3	16QAM	1	0	22.91	22.57	22.96				
3	16QAM	1	8	22.91	22.65	22.68	23.5	1		
3	16QAM	1	14	22.93	22.66	22.55				
3	16QAM	8	0	21.47	21.53	21.43				
3	16QAM	8	4	21.42	21.46	21.30	22.5	2		
3	16QAM	8	7	21.55	21.43	21.41				
3	16QAM	15	0	21.49	21.50	21.39				
3	64QAM	1	0	21.64	21.67	21.81	22.5	2		
3	64QAM	1	8	21.81	21.83	21.74				
3	64QAM	1	14	21.68	21.66	21.83				
3	64QAM	8	0	20.52	20.40	20.43	21.5	3		
3	64QAM	8	4	20.48	20.48	20.34				
3	64QAM	8	7	20.43	20.41	20.43				
3	64QAM	15	0	20.40	20.49	20.35	21.5	3		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				699.7	707.5	715.3	24.5 <th colspan="2" rowspan="3">0</th>	0		
1.4	QPSK	1	0	23.56	23.60	23.67				
1.4	QPSK	1	3	23.57	23.60	23.40				
1.4	QPSK	1	5	23.51	23.41	23.25	23.5	1		
1.4	QPSK	3	0	23.65	23.66	23.67				
1.4	QPSK	3	1	23.53	23.62	23.48				
1.4	QPSK	3	3	23.57	23.42	23.27	23.5	1		
1.4	QPSK	6	0	22.39	22.47	22.43				
1.4	16QAM	1	0	22.93	22.51	22.88				
1.4	16QAM	1	3	22.80	22.55	22.61	23.5	1		
1.4	16QAM	1	5	22.87	22.64	22.50				
1.4	16QAM	3	0	22.89	22.48	22.93				
1.4	16QAM	3	1	22.93	22.59	22.63	22.5	2		
1.4	16QAM	3	3	22.85	22.62	22.56				
1.4	16QAM	6	0	21.52	21.51	21.37				
1.4	64QAM	1	0	21.70	21.69	21.79	22.5	2		
1.4	64QAM	1	3	21.74	21.82	21.67				
1.4	64QAM	1	5	21.59	21.56	21.82				
1.4	64QAM	3	0	21.70	21.63	21.79	21.5	2		
1.4	64QAM	3	1	21.79	21.81	21.72				
1.4	64QAM	3	3	21.63	21.54	21.73				
1.4	64QAM	6	0	20.52	20.45	20.44	21.5	3		

Band 17_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800	24.5	0	
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.35	23.40	23.38	23.5	1	
10	QPSK	1	25	23.33	23.36	23.20			
10	QPSK	1	49	23.30	23.23	23.34			
10	QPSK	25	0	22.31	22.33	22.28	23.5	1	
10	QPSK	25	12	22.25	22.31	22.25			
10	QPSK	25	25	22.29	22.21	22.25			
10	QPSK	50	0	22.23	22.25	22.21	23.5	1	
10	16QAM	1	0	22.45	22.25	22.50			
10	16QAM	1	25	22.58	22.41	22.60			
10	16QAM	1	49	22.43	22.42	22.61	22.5	2	
10	16QAM	25	0	21.19	21.21	21.19			
10	16QAM	25	12	21.18	21.32	21.23			
10	16QAM	25	25	21.22	21.27	21.18	22.5	2	
10	16QAM	50	0	21.20	21.29	21.19			
10	64QAM	1	0	21.46	21.32	21.38			
10	64QAM	1	25	21.40	21.52	21.54	21.5	3	
10	64QAM	1	49	21.52	21.34	21.56			
10	64QAM	25	0	20.30	20.18	20.25			
10	64QAM	25	12	20.23	20.22	20.29	21.5	3	
10	64QAM	25	25	20.32	20.22	20.26			
10	64QAM	50	0	20.23	20.20	20.24			
Channel				23785	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5	24.5	0	
5	QPSK	1	0	23.33	23.35	23.23			
5	QPSK	1	12	23.33	23.35	23.09	23.5	1	
5	QPSK	1	24	23.36	23.30	23.24			
5	QPSK	12	0	22.26	22.18	22.22			
5	QPSK	12	7	22.16	22.27	22.18	23.5	1	
5	QPSK	12	13	22.16	22.18	22.22			
5	QPSK	25	0	22.17	22.23	22.12			
5	16QAM	1	0	22.39	22.17	22.48	23.5	1	
5	16QAM	1	12	22.57	22.40	22.52			
5	16QAM	1	24	22.41	22.30	22.46			
5	16QAM	12	0	21.12	21.14	21.07	22.5	2	
5	16QAM	12	7	21.12	21.19	21.11			
5	16QAM	12	13	21.11	21.15	21.09			
5	16QAM	25	0	21.14	21.24	21.12	22.5	2	
5	64QAM	1	0	21.45	21.20	21.35			
5	64QAM	1	12	21.29	21.40	21.44			
5	64QAM	1	24	21.44	21.27	21.56	21.5	3	
5	64QAM	12	0	20.17	20.17	20.09			
5	64QAM	12	7	20.21	20.10	20.23			
5	64QAM	12	13	20.23	20.19	20.24	21.5	3	
5	64QAM	25	0	20.17	20.06	20.13			

Band 26(FCC)_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.82	23.92	23.85	24.5	0	
15	QPSK	1	37	23.72	23.88	23.82			
15	QPSK	1	74	23.77	23.89	23.79			
15	QPSK	36	0	22.77	22.88	22.82	23.5	1	
15	QPSK	36	20	22.71	22.83	22.78			
15	QPSK	36	39	22.74	22.82	22.75			
15	QPSK	75	0	22.71	22.84	22.80	23.5	1	
15	16QAM	1	0	22.99	23.05	23.11			
15	16QAM	1	37	22.80	23.08	22.90			
15	16QAM	1	74	23.00	23.02	23.10	22.5	2	
15	16QAM	36	0	21.65	21.78	21.86			
15	16QAM	36	20	21.76	21.83	21.94			
15	16QAM	36	39	21.76	21.86	21.83	22.5	2	
15	16QAM	75	0	21.75	21.87	21.91			
15	64QAM	1	37	22.08	21.94	22.05			
15	64QAM	1	74	22.13	22.15	22.06	21.5	3	
15	64QAM	36	0	20.77	20.77	20.90			
15	64QAM	36	20	20.74	20.82	20.87			
15	64QAM	36	39	20.82	20.84	20.90			
15	64QAM	75	0	20.73	20.84	20.88			
Channel				26740	26865	26960	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.75	23.83	23.77			
10	QPSK	1	25	23.64	23.84	23.68	24.5	0	
10	QPSK	1	49	23.63	23.83	23.69			
10	QPSK	25	0	22.68	22.76	22.75			
10	QPSK	25	12	22.68	22.78	22.65	23.5	1	
10	QPSK	25	25	22.73	22.79	22.73			
10	QPSK	50	0	22.59	22.80	22.68			
10	16QAM	1	0	22.95	23.03	23.10	23.5	1	
10	16QAM	1	25	22.70	23.03	22.76			
10	16QAM	1	49	22.96	23.01	23.05			
10	16QAM	25	0	21.52	21.67	21.75	22.5	2	
10	16QAM	25	12	21.69	21.69	21.87			
10	16QAM	25	25	21.65	21.71	21.71			
10	16QAM	50	0	21.74	21.73	21.88	22.5	2	
10	64QAM	1	0	21.89	22.04	22.00			
10	64QAM	1	25	21.98	21.92	21.97			
10	64QAM	1	49	22.00	22.05	22.05	21.5	3	
10	64QAM	25	0	20.70	20.82	20.80			
10	64QAM	25	12	20.61	20.70	20.84			
10	64QAM	25	25	20.71	20.79	20.85			
10	64QAM	50	0	20.65	20.77	20.74			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.70	23.90	23.77			
5	QPSK	1	12	23.70	23.86	23.81	24.5	0	
5	QPSK	1	24	23.75	23.81	23.66			
5	QPSK	12	0	22.63	22.78	22.72			
5	QPSK	12	7	22.61	22.68	22.66	23.5	1	
5	QPSK	12	13	22.71	22.68	22.71			
5	QPSK	25	0	22.61	22.82	22.78			
5	16QAM	1	0	22.96	22.95	23.05	23.5	1	
5	16QAM	1	12	22.69	22.99	22.75			
5	16QAM	1	24	22.91	22.92	23.06			
5	16QAM	12	0	21.60	21.64	21.80	22.5	2	
5	16QAM	12	7	21.67	21.68	21.89			
5	16QAM	12	13	21.71	21.85	21.78			
5	16QAM	25	0	21.66	21.76	21.89	22.5	2	
5	64QAM	1	0	21.76	22.00	22.05			
5	64QAM	1	12	22.04	21.81	21.94			
5	64QAM	1	24	22.05	22.09	22.04	21.5	3	
5	64QAM	12	0	20.67	20.72	20.85			
5	64QAM	12	7	20.73	20.79	20.78			
5	64QAM	12	13	20.74	20.78	20.80			
5	64QAM	25	0	20.72	20.83	20.80			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.72	23.84	23.73			
3	QPSK	1	8	23.61	23.82	23.72	24.5	0	
3	QPSK	1	14	23.70	23.88	23.73			
3	QPSK	8	0	22.75	22.85	22.71			
3	QPSK	8	4	22.63	22.76	22.75	23.5	1	
3	QPSK	8	7	22.59	22.69	22.68			
3	QPSK	15	0	22.70	22.80	22.76			
3	16QAM	1	0	22.85	23.03	23.09	23.5	1	
3	16QAM	1	2	22.67	22.96	22.85			
3	16QAM	1	14	22.88	22.88	22.97			
3	16QAM	8	0	21.50	21.63	21.79	22.5	2	
3	16QAM	8	4	21.69	21.68	21.93			
3	16QAM	8	7	21.66	21.73	21.76			
3	16QAM	15	0	21.63	21.73	21.78	22.5	2	
3	64QAM	1	0	21.82	21.98	21.99			
3	64QAM	1	8	21.98	21.84	21.95			
3	64QAM	1	14	22.00	22.08	22.00	21.5	3	
3	64QAM	8	0	20.62	20.62	20.78			
3	64QAM	8	4	20.61	20.81	20.78			
3	64QAM	8	7	20.71	20.74	20.80			
3	64QAM	15	0	20.72	20.73	20.84			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.73	23.80	23.77			
1.4	QPSK	1	3	23.59	23.79	23.73	24.5	0	
1.4	QPSK	1	5	23.65	23.74	23.75			
1.4	QPSK	3	0	23.72	23.77	23.77			
1.4	QPSK	3	1	23.63	23.78	23.72	23.5	1	
1.4	QPSK	3	3	23.63	23.82	23.77			
1.4	QPSK	6	0	22.64	22.70	22.76			
1.4	16QAM	1	0	22.87	23.02	23.03	23.5	1	
1.4	16QAM	1	3	22.65	22.94	22.88			
1.4	16QAM	1	5	22.99	22.89	22.97			
1.4	16QAM	3	0	22.95	22.94	23.10	22.5	2	
1.4	16QAM	3	1	22.68	23.03	22.79			
1.4	16QAM	3	3	22.94	22.93	22.97			
1.4	16QAM	6	0	21.71	21.76	21.81	22.5	2	
1.4	64QAM	1	0	21.81	21.97	22.04			
1.4	64QAM	1	3	22.00	21.87	22.00			
1.4	64QAM	1	5	22.01	22.08	22.01	21.5	3	
1.4	64QAM	3	0	21.89	22.07	21.98			
1.4	64QAM	3	1	21.94	21.87	21.93			
1.4	64QAM	3	3	22.10	22.09	21.97			
1.4	64QAM	6	0	20.68	20.73	20.80			

Band 26(FCC)_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.72	23.75	23.69	24.5	0	
15	QPSK	1	37	23.47	23.57	23.58			
15	QPSK	1	74	23.46	23.55	23.66			
15	QPSK	36	0	22.62	22.66	22.55	23.5	1	
15	QPSK	36	20	22.60	22.51	22.53			
15	QPSK	36	39	22.53	22.46	22.48			
15	QPSK	75	0	22.80	22.62	22.58	23.5	1	
15	16QAM	1	0	22.77	23.00	23.02			
15	16QAM	1	37	23.00	22.97	22.93			
15	16QAM	1	74	22.85	22.96	22.82	22.5	2	
15	16QAM	36	0	21.64	21.53	21.45			
15	16QAM	36	20	21.67	21.47	21.51			
15	16QAM	36	39	21.53	21.47	21.55	22.5	2	
15	16QAM	75	0	21.63	21.48	21.59			
15	16QAM	1	0	21.63	21.37	21.52			
15	64QAM	1	37	21.62	21.60	21.57	21.5	3	
15	64QAM	1	74	21.59	21.56	21.60			
15	64QAM	36	0	20.60	20.52	20.54			
15	64QAM	36	20	20.60	20.49	20.57	21.5	3	
15	64QAM	36	39	20.51	20.55	20.58			
15	64QAM	75	0	20.55	20.48	20.57			
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.69	23.67	23.63	24.5	0	
10	QPSK	1	25	23.40	23.54	23.55			
10	QPSK	1	49	23.33	23.44	23.65			
10	QPSK	25	0	22.56	22.54	22.46	23.5	1	
10	QPSK	25	12	22.57	22.44	22.51			
10	QPSK	25	25	22.42	22.37	22.36			
10	QPSK	50	0	22.56	22.55	22.44	23.5	1	
10	16QAM	1	0	22.71	22.88	22.82			
10	16QAM	1	25	22.92	22.82	22.78			
10	16QAM	1	49	22.77	22.92	22.81	22.5	2	
10	16QAM	25	0	21.49	21.52	21.38			
10	16QAM	25	12	21.56	21.38	21.44			
10	16QAM	25	25	21.52	21.45	21.44	21.5	3	
10	16QAM	50	0	21.42	21.47	21.49			
10	64QAM	1	0	21.51	21.33	21.41			
10	64QAM	1	25	21.52	21.46	21.42	22.5	2	
10	64QAM	1	49	21.56	21.51	21.45			
10	64QAM	25	0	20.42	20.46	20.46			
10	64QAM	25	12	20.49	20.35	20.43	21.5	3	
10	64QAM	25	25	20.42	20.50	20.46			
10	64QAM	50	0	20.42	20.44	20.43			
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.71	23.71	23.63	24.5	0	
5	QPSK	1	12	23.36	23.52	23.57			
5	QPSK	1	24	23.32	23.46	23.64			
5	QPSK	12	0	22.58	22.64	22.62	23.5	1	
5	QPSK	12	7	22.45	22.41	22.50			
5	QPSK	12	13	22.43	22.40	22.40			
5	QPSK	25	0	22.51	22.49	22.55	23.5	1	
5	16QAM	1	0	22.62	22.97	22.90			
5	16QAM	1	12	22.96	22.82	22.87			
5	16QAM	1	24	22.79	22.95	22.76	22.5	2	
5	16QAM	12	0	21.55	21.39	21.43			
5	16QAM	12	7	21.55	21.40	21.48			
5	16QAM	12	13	21.43	21.45	21.51	22.5	2	
5	16QAM	25	0	21.43	21.24	21.45			
5	64QAM	1	0	21.49	21.25	21.43			
5	64QAM	1	12	21.49	21.52	21.43	21.5	3	
5	64QAM	1	24	21.45	21.44	21.49			
5	64QAM	12	0	20.59	20.38	20.39			
5	64QAM	12	7	20.59	20.34	20.43	21.5	3	
5	64QAM	12	13	20.39	20.46	20.48			
5	64QAM	25	0	20.50	20.46	20.55			
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.61	23.63	23.55	24.5	0	
3	QPSK	1	8	23.32	23.48	23.46			
3	QPSK	1	14	23.34	23.53	23.58			
3	QPSK	8	0	22.56	22.51	22.54	23.5	1	
3	QPSK	8	4	22.48	22.41	22.39			
3	QPSK	15	0	22.49	22.56	22.49			
3	16QAM	1	0	22.68	22.92	22.91	23.5	1	
3	16QAM	1	8	22.59	22.87	22.84			
3	16QAM	1	14	22.84	22.92	22.74			
3	16QAM	8	0	21.53	21.40	21.42	22.5	2	
3	16QAM	8	4	21.55	21.45	21.38			
3	16QAM	8	7	21.41	21.41	21.42			
3	16QAM	15	0	21.44	21.37	21.45	22.5	2	
3	64QAM	1	0	21.48	21.31	21.51			
3	64QAM	1	8	21.56	21.56	21.44			
3	64QAM	1	14	21.46	21.53	21.49	21.5	3	
3	64QAM	8	0	20.48	20.49	20.47			
3	64QAM	8	4	20.46	20.47	20.49			
3	64QAM	8	7	20.42	20.33	20.55	21.5	3	
3	64QAM	15	0	20.44	20.37	20.52			
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.71	23.60	23.57	24.5	0	
1.4	QPSK	1	3	23.46	23.45	23.48			
1.4	QPSK	1	5	23.39	23.57	23.54			
1.4	QPSK	3	0	23.58	23.66	23.59	23.5	1	
1.4	QPSK	3	1	23.46	23.56	23.46			
1.4	QPSK	3	3	23.43	23.50	23.53			
1.4	QPSK	6	0	22.55	22.53	22.55	23.5	1	
1.4	16QAM	1	0	22.65	22.98	22.95			
1.4	16QAM	1	3	22.96	22.94	22.80			
1.4	16QAM	1	5	22.75	22.94	22.81	23.5	1	
1.4	16QAM	3	1	22.90	22.87	22.90			
1.4	16QAM	3	3	22.84	22.89	22.74			
1.4	16QAM	6	0	21.56	21.56	21.46	22.5	2	
1.4	64QAM	1	0	21.53	21.29	21.42			
1.4	64QAM	1	3	21.57	21.59	21.55			
1.4	64QAM	3	0	21.57	21.32	21.39	22.5	2	
1.4	64QAM	3	1	21.53	21.54	21.52			
1.4	64QAM	3	3	21.51	21.41	21.55			
1.4	64QAM	6	0	20.48	20.43	20.49	21.5	3	

Band 66_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	23.47	23.45	23.45	24.5	0	
20	QPSK	1	49	23.38	23.39	23.40			
20	QPSK	1	99	23.11	23.29	23.21			
20	QPSK	50	0	22.45	22.46	22.38	23.5	1	
20	QPSK	50	24	22.44	22.39	22.34			
20	QPSK	50	50	22.37	22.31	22.35			
20	QPSK	100	0	22.35	22.43	22.33	23.5	1	
20	16QAM	1	0	22.58	22.46	22.66			
20	16QAM	1	49	22.65	22.30	22.60			
20	16QAM	1	99	22.40	22.46	22.57	22.5	2	
20	16QAM	50	0	21.41	21.42	21.41			
20	16QAM	50	24	21.47	21.42	21.30			
20	16QAM	50	50	21.32	21.32	21.30	22.5	2	
20	16QAM	100	0	21.38	21.33	21.31			
20	64QAM	1	0	21.51	21.58	21.53			
20	64QAM	1	49	21.71	21.70	21.60	22.5	2	
20	64QAM	1	99	21.50	21.49	21.55			
20	64QAM	50	0	20.49	20.42	20.39			
20	64QAM	50	24	20.40	20.39	20.37	21.5	3	
20	64QAM	50	50	20.35	20.37	20.38			
20	64QAM	100	0	20.37	20.36	20.40			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	23.38	23.36	23.42	24.5	0	
15	QPSK	1	37	23.24	23.33	23.30			
15	QPSK	1	74	23.04	23.18	23.16			
15	QPSK	36	0	22.33	22.32	22.32	23.5	1	
15	QPSK	36	20	22.34	22.36	22.32			
15	QPSK	36	39	22.34	22.29	22.20			
15	QPSK	75	0	22.31	22.40	22.29	23.5	1	
15	16QAM	1	0	22.47	22.33	22.56			
15	16QAM	1	37	22.55	22.15	22.58			
15	16QAM	1	74	22.35	22.45	22.53	22.5	2	
15	16QAM	36	0	21.29	21.35	21.26			
15	16QAM	36	20	21.46	21.30	21.15			
15	16QAM	36	39	21.30	21.29	21.29	22.5	2	
15	16QAM	75	0	21.33	21.20	21.29			
15	64QAM	1	0	21.37	21.48	21.40			
15	64QAM	1	37	21.63	21.55	21.46	22.5	2	
15	64QAM	1	74	21.41	21.44	21.52			
15	64QAM	36	0	20.34	20.33	20.36			
15	64QAM	36	20	20.33	20.25	20.22	21.5	3	
15	64QAM	36	39	20.23	20.31	20.27			
15	64QAM	75	0	20.32	20.25	20.29			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	23.26	23.29	23.31	24.5	0	
10	QPSK	1	25	23.13	23.26	23.32			
10	QPSK	1	49	23.07	23.14	23.17			
10	QPSK	25	0	22.44	22.33	22.27	23.5	1	
10	QPSK	25	12	22.30	22.36	22.28			
10	QPSK	25	25	22.24	22.26	22.34			
10	QPSK	50	0	22.32	22.36	22.30	23.5	1	
10	16QAM	1	0	22.48	22.43	22.55			
10	16QAM	1	25	22.54	22.15	22.54			
10	16QAM	1	49	22.37	22.45	22.45	23.5	1	
10	16QAM	25	0	21.34	21.40	21.30			
10	16QAM	25	12	21.39	21.41	21.24			
10	16QAM	25	25	21.28	21.26	21.29	22.5	2	
10	16QAM	50	0	21.27	21.25	21.20			
10	64QAM	1	0	21.45	21.55	21.44			
10	64QAM	1	25	21.62	21.61	21.54	22.5	2	
10	64QAM	1	49	21.39	21.40	21.48			
10	64QAM	25	0	20.44	20.35	20.31			
10	64QAM	25	12	20.39	20.24	20.36	21.5	3	
10	64QAM	25	25	20.25	20.28	20.23			
10	64QAM	50	0	20.34	20.27	20.30			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	23.33	23.33	23.43	24.5	0	
5	QPSK	1	12	23.24	23.29	23.36			
5	QPSK	1	24	23.05	23.19	23.17			
5	QPSK	12	0	22.34	22.34	22.24	23.5	1	
5	QPSK	12	7	22.41	22.24	22.25			
5	QPSK	12	13	22.32	22.25	22.26			
5	QPSK	25	0	22.24	22.39	22.19	23.5	1	
5	16QAM	1	0	22.51	22.39	22.56			
5	16QAM	1	12	22.59	22.25	22.48			
5	16QAM	1	24	22.27	22.40	22.55	22.5	2	
5	16QAM	12	0	21.29	21.27	21.31			
5	16QAM	12	7	21.45	21.39	21.26			
5	16QAM	12	13	21.21	21.30	21.27	22.5	2	
5	16QAM	25	0	21.25	21.23	21.25			
5	64QAM	1	0	21.46	21.48	21.49			
5	64QAM	1	12	21.61	21.66	21.53	22.5	2	
5	64QAM	1	24	21.38	21.37	21.40			
5	64QAM	12	0	20.46	20.29	20.27			
5	64QAM	12	7	20.29	20.34	20.24	21.5	3	
5	64QAM	12	13	20.21	20.22	20.25			
5	64QAM	25	0	20.33	20.35	20.32			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	23.42	23.37	23.39	24.5	0	
3	QPSK	1	8	23.24	23.34	23.33			
3	QPSK	1	14	23.10	23.16	23.07			
3	QPSK	8	0	22.36	22.33	22.28	23.5	1	
3	QPSK	8	4	22.31	22.25	22.24			
3	QPSK	8	7	22.31	22.21	22.25			
3	QPSK	15	0	22.29	22.30	22.23	23.5	1	
3	16QAM	1	0	22.49	22.35	22.52			
3	16QAM	1	8	22.63	22.25	22.55			
3	16QAM	1	14	22.25	22.42	22.42	22.5	2	
3	16QAM	8	0	21.26	21.38	21.31			
3	16QAM	8	4	21.35	21.28	21.17			
3	16QAM	8	7	21.22	21.31	21.17	22.5	2	
3	16QAM	15	0	21.34	21.29	21.23			
3	64QAM	1	0	21.40	21.49	21.44			
3	64QAM	1	8	21.58	21.58	21.53	22.5	2	
3	64QAM	1	14	21.36	21.35	21.51			
3	64QAM	8	0	20.48	20.41	20.29			
3	64QAM	8	4	20.29	20.36	20.30	21.5	3	
3	64QAM	8	7	20.34	20.30	20.23			
3	64QAM	15	0	20.26	20.25	20.30			
Channel				131919	132322	132685	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	23.41	23.38	23.39	24.5	0	
1.4	QPSK	1	3	23.30	23.33	23.36			
1.4	QPSK	1	5	23.08	23.28	23.14			
1.4	QPSK	3	0	23.41	23.45	23.36	23.5	1	
1.4	QPSK	3	1	23.32	23.24	23.35			
1.4	QPSK	3	3	22.97	23.26	23.15			
1.4	QPSK	6	0	22.29	22.29	22.20	23.5	1	
1.4	16QAM	1	0	22.53	22.42	22.55			
1.4	16QAM	1	3	22.52	22.15	22.56	23.5	1	
1.4	16QAM	1	5	22.31	22.35	22.55			
1.4	16QAM	3	0	22.45	22.40	22.44			
1.4	16QAM	3	1	22.55	22.26	22.58	22.5	2	
1.4	16QAM	3	3	22.35	22.39	22.42			
1.4	64QAM	1	0	21.43	21.45	21.41			
1.4	64QAM	1	3	21.68	21.69	21.54	22.5	2	
1.4	64QAM	1	5	21.38	21.41	21.42			
1.4	64QAM	3	0	21.47	21.57	21.52			
1.4	64QAM	3	1	21.64	21.58	21.49	21.5	3	
1.4	64QAM	3	3	21.38	21.47	21.49			
1.4	64QAM	6	0	20.29	20.27	20.34			

LTE Band 71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.62	23.69	23.55	24.5	0	
20	QPSK	1	49	23.49	23.50	23.53			
20	QPSK	1	99	23.58	23.59	23.47			
20	QPSK	50	0	22.69	22.71	22.57	23.5	1	
20	QPSK	50	24	22.64	22.63	22.53			
20	QPSK	50	50	22.61	22.64	22.55			
20	QPSK	100	0	22.61	22.69	22.53	23.5	1	
20	16QAM	1	0	22.85	22.92	22.84			
20	16QAM	1	49	22.82	22.88	22.74			
20	16QAM	1	99	22.77	22.79	22.69	22.5	2	
20	16QAM	50	0	21.75	21.62	21.52			
20	16QAM	50	24	21.63	21.59	21.59			
20	16QAM	50	50	21.65	21.62	21.54	22.5	2	
20	16QAM	100	0	21.65	21.57	21.52			
20	64QAM	1	0	21.69	21.73	21.73			
20	64QAM	1	49	21.87	21.71	21.66	22.5	2	
20	64QAM	1	99	21.63	21.72	21.62			
20	64QAM	50	0	20.68	20.62	20.51			
20	64QAM	50	24	20.66	20.64	20.61	21.5	3	
20	64QAM	50	50	20.69	20.64	20.58			
20	64QAM	100	0	20.64	20.64	20.55			
Channel				133197	133297	133397	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.51	23.45	23.48	24.5	0	
15	QPSK	1	37	23.36	23.33	23.48			
15	QPSK	1	74	23.50	23.51	23.25			
15	QPSK	36	0	22.50	22.54	22.52	23.5	1	
15	QPSK	36	20	22.48	22.45	22.30			
15	QPSK	36	39	22.44	22.54	22.41			
15	QPSK	75	0	22.43	22.60	22.42	23.5	1	
15	16QAM	1	0	22.64	22.79	22.79			
15	16QAM	1	37	22.76	22.69	22.56			
15	16QAM	1	74	22.53	22.56	22.46	22.5	2	
15	16QAM	36	0	21.57	21.49	21.35			
15	16QAM	36	20	21.45	21.54	21.47			
15	16QAM	36	39	21.51	21.56	21.41	22.5	2	
15	16QAM	75	0	21.46	21.42	21.36			
15	64QAM	1	0	21.53	21.62	21.61			
15	64QAM	1	37	21.62	21.55	21.53	22.5	2	
15	64QAM	1	74	21.54	21.63	21.51			
15	64QAM	36	0	20.44	20.37	20.44			
15	64QAM	36	20	20.50	20.54	20.50	21.5	3	
15	64QAM	36	39	20.53	20.43	20.39			
15	64QAM	75	0	20.52	20.41	20.35			
Channel				133172	133297	133422	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	0	23.56	23.47	23.48	24.5	0	
10	QPSK	1	25	23.27	23.32	23.42			
10	QPSK	1	49	23.34	23.51	23.27			
10	QPSK	25	0	22.51	22.63	22.40	23.5	1	
10	QPSK	25	12	22.46	22.41	22.46			
10	QPSK	25	25	22.36	22.55	22.35			
10	QPSK	50	0	22.41	22.47	22.44	23.5	1	
10	16QAM	1	0	22.79	22.69	22.77			
10	16QAM	1	25	22.73	22.70	22.57			
10	16QAM	1	49	22.53	22.64	22.48	22.5	2	
10	16QAM	25	0	21.52	21.53	21.36			
10	16QAM	25	12	21.43	21.36	21.39			
10	16QAM	25	25	21.53	21.54	21.40	22.5	2	
10	16QAM	50	0	21.59	21.49	21.32			
10	64QAM	1	0	21.55	21.59	21.62			
10	64QAM	1	25	21.79	21.64	21.50	22.5	2	
10	64QAM	1	49	21.49	21.51	21.55			
10	64QAM	25	0	20.54	20.39	20.35			
10	64QAM	25	12	20.41	20.42	20.50	21.5	3	
10	64QAM	25	25	20.50	20.50	20.44			
10	64QAM	50	0	20.54	20.46	20.45			
Channel				133147	133297	133447	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	23.53	23.56	23.34	24.5	0	
5	QPSK	1	12	23.43	23.45	23.48			
5	QPSK	1	24	23.43	23.43	23.42			
5	QPSK	12	0	22.63	22.51	22.36	23.5	1	
5	QPSK	12	7	22.44	22.47	22.44			
5	QPSK	12	13	22.41	22.53	22.37			
5	QPSK	25	0	22.47	22.62	22.29	23.5	1	
5	16QAM	1	0	22.76	22.76	22.60			
5	16QAM	1	12	22.66	22.76	22.62			
5	16QAM	1	24	22.71	22.54	22.47	22.5	2	
5	16QAM	12	0	21.50	21.46	21.45			
5	16QAM	12	7	21.46	21.53	21.47			
5	16QAM	12	13	21.60	21.50	21.43	22.5	2	
5	16QAM	25	0	21.49	21.48	21.39			
5	64QAM	1	0	21.60	21.59	21.50			
5	64QAM	1	12	21.74	21.46	21.52	22.5	2	
5	64QAM	1	24	21.51	21.56	21.46			
5	64QAM	12	0	20.63	20.47	20.36			
5	64QAM	12	7	20.56	20.50	20.37	21.5	3	
5	64QAM	12	13	20.44	20.59	20.35			
5	64QAM	25	0	20.57	20.58	20.47			

Band 38_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq)	Power Middle Ch. (Freq)	Power High Ch. (Freq)	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	21.73	21.76	21.72	23	0	
20	QPSK	1	49	21.66	21.58	21.66			
20	QPSK	1	99	21.63	21.75	21.64			
20	QPSK	36	0	21.68	21.76	21.65			
20	QPSK	50	24	21.58	21.57	21.53	23	0	
20	QPSK	50	50	21.56	21.72	21.81			
20	QPSK	100	0	21.61	21.68	21.63			
20	16QAM	1	0	21.58	21.75	21.68			
20	16QAM	1	49	21.59	21.45	21.63	22.5	0.5	
20	16QAM	1	99	21.56	21.66	21.49			
20	16QAM	50	0	21.18	21.18	21.22			
20	16QAM	50	24	21.11	21.21	21.32			
20	16QAM	100	0	21.15	21.24	21.37	21.5	1.5	
20	16QAM	100	0	21.10	21.18	21.29			
20	64QAM	1	0	20.74	20.84	20.90			
20	64QAM	1	49	20.95	21.05	21.06			
20	64QAM	1	99	21.01	20.99	21.12	22.5	0.5	
20	64QAM	50	0	20.16	20.15	20.21			
20	64QAM	50	24	20.15	20.22	20.31			
20	64QAM	50	50	20.23	20.26	20.40			
20	64QAM	100	0	20.18	20.21	20.29	21.5	1.5	
Channel				37850	38000	38175			
Frequency (MHz)				2572.5	2595	2612.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	21.71	21.71	21.67	23	0	
15	QPSK	1	37	21.55	21.51	21.59			
15	QPSK	1	74	21.51	21.73	21.59			
15	QPSK	36	0	21.61	21.62	21.56			
15	QPSK	36	0	21.54	21.51	21.41	23	0	
15	QPSK	36	39	21.51	21.62	21.49			
15	QPSK	75	0	21.49	21.63	21.54			
15	16QAM	1	0	21.46	21.69	21.64			
15	16QAM	1	37	21.57	21.36	21.49	23	0	
15	16QAM	1	74	21.44	21.51	21.45			
15	16QAM	36	0	21.07	21.07	21.09			
15	16QAM	36	20	21.04	21.13	21.28			
15	16QAM	36	39	21.03	21.17	21.29	22.5	0.5	
15	16QAM	75	0	21.01	21.16	21.23			
15	64QAM	1	0	20.68	20.72	20.83			
15	64QAM	1	37	20.88	20.93	20.99			
15	64QAM	1	74	20.95	20.93	21.10	22.5	0.5	
15	64QAM	36	0	20.07	20.16	20.19			
15	64QAM	36	20	20.01	20.15	20.21			
15	64QAM	36	39	20.16	20.12	20.33			
15	64QAM	75	0	20.13	20.18	20.26	21.5	1.5	
Channel				37850	38000	38200			
Frequency (MHz)				2575	2595	2615	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	21.70	21.71	21.69	23	0	
10	QPSK	1	25	21.62	21.47	21.63			
10	QPSK	1	49	21.57	21.66	21.56			
10	QPSK	25	0	21.56	21.52	21.56			
10	QPSK	25	12	21.48	21.55	21.45	23	0	
10	QPSK	25	25	21.52	21.71	21.56			
10	QPSK	50	0	21.46	21.56	21.51			
10	16QAM	1	0	21.49	21.74	21.60			
10	16QAM	1	25	21.56	21.39	21.61	23	0	
10	16QAM	1	49	21.54	21.65	21.36			
10	16QAM	25	0	21.07	21.16	21.08			
10	16QAM	25	12	21.06	21.20	21.31			
10	16QAM	25	25	21.02	21.23	21.34	22.5	0.5	
10	16QAM	50	0	21.03	21.03	21.18			
10	64QAM	1	0	20.67	20.71	20.82			
10	64QAM	1	25	20.81	20.92	20.99			
10	64QAM	1	49	21.00	20.91	21.02	21.5	0.5	
10	64QAM	25	0	20.10	20.14	20.19			
10	64QAM	25	12	20.02	20.12	20.25			
10	64QAM	25	25	20.16	20.20	20.36			
10	64QAM	50	0	20.07	20.10	20.27	21.5	1.5	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.65	21.68	21.66	23	0	
5	QPSK	1	12	21.57	21.45	21.51			
5	QPSK	1	24	21.59	21.74	21.55			
5	QPSK	12	0	21.54	21.58	21.60			
5	QPSK	12	7	21.47	21.42	21.46	23	0	
5	QPSK	12	13	21.52	21.61	21.51			
5	QPSK	25	0	21.54	21.57	21.55			
5	16QAM	1	0	21.52	21.63	21.59			
5	16QAM	1	12	21.49	21.38	21.51	23	0	
5	16QAM	1	24	21.42	21.55	21.39			
5	16QAM	12	0	21.03	21.06	21.16			
5	16QAM	12	7	21.03	21.10	21.22			
5	16QAM	12	13	21.08	21.13	21.22	22.5	0.5	
5	16QAM	25	0	21.00	21.04	21.23			
5	64QAM	1	0	20.72	20.81	20.84			
5	64QAM	1	12	20.91	20.96	21.03			
5	64QAM	1	24	20.96	20.87	20.98	21.5	0.5	
5	64QAM	12	0	20.12	20.12	20.20			
5	64QAM	12	7	20.07	20.07	20.16			
5	64QAM	12	13	20.12	20.19	20.29			
5	64QAM	25	0	20.04	20.19	20.23	21.5	1.5	

Band 38_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	49	23.52	23.74	23.56	24.5	0	
20	QPSK	1	99	23.58	23.70	23.57			
20	QPSK	50	0	22.55	22.63	22.57			
20	QPSK	50	24	22.51	22.60	22.52	23.5	1	
20	QPSK	50	50	22.50	22.81	22.53			
20	QPSK	100	0	22.53	22.61	22.53			
20	16QAM	1	0	22.58	22.64	22.56	23.5	1	
20	16QAM	1	49	22.57	22.70	22.64			
20	16QAM	1	99	22.80	22.84	22.53			
20	16QAM	50	0	21.57	21.58	21.57	22.5	2	
20	16QAM	50	24	21.57	21.62	21.57			
20	16QAM	50	50	21.60	21.61	21.51			
20	16QAM	100	0	21.56	21.59	21.55	22.5	2	
20	64QAM	1	0	21.35	21.32	21.30			
20	64QAM	1	49	21.30	21.42	21.41			
20	64QAM	1	99	21.43	21.36	21.17	21.5	3	
20	64QAM	50	0	20.56	20.61	20.60			
20	64QAM	50	24	20.59	20.81	20.57			
20	64QAM	50	50	20.63	20.65	20.55			
20	64QAM	100	0	20.60	20.61	20.57			
Channel				37850	38000	38175			
Frequency (MHz)				23.09	23.66	23.12.5			
15	QPSK	1	0	23.02	23.63	23.02	24.5	0	
15	QPSK	1	37	23.47	23.62	23.55			
15	QPSK	1	74	23.46	23.55	23.54			
15	QPSK	36	0	22.42	22.50	22.52	23.5	1	
15	QPSK	36	0	22.44	22.55	22.49			
15	QPSK	36	39	22.46	22.52	22.50			
15	QPSK	75	0	22.42	22.56	22.43	22.5	2	
15	16QAM	1	0	22.53	22.59	22.42			
15	16QAM	1	49	22.52	22.63	22.58			
15	16QAM	1	99	22.53	22.61	22.51	21.5	3	
15	16QAM	1	74	22.65	22.60	22.48			
15	16QAM	36	0	21.54	21.51	21.56			
15	16QAM	36	20	21.45	21.54	21.52			
15	16QAM	36	39	21.46	21.54	21.44	22.5	2	
15	16QAM	75	0	21.51	21.50	21.47			
15	64QAM	1	0	21.33	21.22	21.21			
15	64QAM	1	37	21.17	21.29	21.27	21.5	2	
15	64QAM	1	74	21.36	21.34	21.07			
15	64QAM	36	0	20.45	20.51	20.59			
15	64QAM	36	20	20.57	20.80	20.44	21.5	3	
15	64QAM	36	39	20.58	20.64	20.41			
15	64QAM	75	0	20.55	20.56	20.56			
Channel				37850	38000	38175			
Frequency (MHz)				23.09	23.66	23.12.5			
10	QPSK	1	0	23.45	23.70	23.55	24.5	0	
10	QPSK	1	25	23.45	23.63	23.47			
10	QPSK	1	49	23.46	23.65	23.49			
10	QPSK	1	74	22.41	22.54	22.53	23.5	1	
10	QPSK	25	12	22.39	22.48	22.45			
10	QPSK	25	25	22.45	22.47	22.49			
10	QPSK	50	0	22.45	22.49	22.44	23.5	1	
10	16QAM	1	0	22.46	22.57	22.52			
10	16QAM	1	25	22.62	22.66	22.56			
10	16QAM	1	49	22.65	22.52	22.48	22.5	2	
10	16QAM	25	0	21.50	21.49	21.56			
10	16QAM	25	12	21.48	21.50	21.55			
10	16QAM	25	25	21.42	21.42	21.49	21.5	3	
10	16QAM	50	0	21.42	21.56	21.40			
10	64QAM	1	0	21.27	21.26	21.20			
10	64QAM	1	25	21.17	21.39	21.32	22.5	2	
10	64QAM	1	49	21.42	21.34	21.32			
10	64QAM	25	0	20.44	20.56	20.47			
10	64QAM	25	12	20.57	20.54	20.48	21.5	3	
10	64QAM	25	25	20.54	20.58	20.52			
10	64QAM	50	0	20.54	20.59	20.44			
Channel				37850	38000	38225			
Frequency (MHz)				23.09	23.66	23.17.5			
5	QPSK	1	0	23.02	23.68	23.06	24.5	0	
5	QPSK	1	12	23.51	23.63	23.46			
5	QPSK	1	24	23.48	23.57	23.45			
5	QPSK	12	0	22.51	22.57	22.57	23.5	1	
5	QPSK	12	7	22.47	22.57	22.49			
5	QPSK	12	13	22.43	22.53	22.41			
5	QPSK	25	0	22.39	22.47	22.44	23.5	1	
5	16QAM	1	0	22.46	22.57	22.51			
5	16QAM	1	12	22.64	22.58	22.53			
5	16QAM	1	24	22.65	22.53	22.43	22.5	2	
5	16QAM	12	0	21.52	21.50	21.55			
5	16QAM	12	7	21.52	21.50	21.50			
5	16QAM	12	13	21.56	21.58	21.38	22.5	2	
5	16QAM	25	0	21.44	21.48	21.49			
5	64QAM	1	0	21.20	21.31	21.27			
5	64QAM	1	12	21.19	21.34	21.30	22.5	2	
5	64QAM	1	24	21.37	21.35	21.08			
5	64QAM	12	0	20.50	20.58	20.51			
5	64QAM	12	7	20.51	20.55	20.47	21.5	3	
5	64QAM	12	13	20.56	20.55	20.42			
5	64QAM	25	0	20.45	20.48	20.51			

Band 41_Ant 1												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Time-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	21.70	21.70	22.00	21.85	21.92	23	0		
20	QPSK	1	49	21.72	21.57	21.96	21.79	21.78				
20	QPSK	1	99	21.74	21.57	21.96	21.74	21.90				
20	QPSK	50	0	21.75	21.58	21.99	21.72	21.81				
20	QPSK	50	24	21.67	21.55	21.94	21.69	21.78				
20	QPSK	50	50	21.73	21.55	21.83	21.69	21.78	23	0		
20	QPSK	100	0	21.70	21.59	21.86	21.81	21.83				
20	16QAM	1	0	21.65	21.57	21.98	21.81	21.87				
20	16QAM	1	49	21.65	21.56	21.82	21.72	21.84				
20	16QAM	1	99	21.70	21.49	21.82	21.65	21.88				
20	16QAM	1	99	21.70	21.49	21.82	21.65	21.88	22.5	0.5		
20	16QAM	50	0	21.01	20.90	21.40	21.04	21.35				
20	16QAM	50	24	21.00	20.92	21.43	21.10	21.36				
20	16QAM	50	50	21.00	20.95	21.38	21.21	21.42				
20	16QAM	100	0	21.00	20.89	21.49	21.13	21.26				
20	64QAM	1	0	20.82	20.56	21.10	20.78	21.01	22.5	0.5		
20	64QAM	1	49	20.83	20.74	21.12	20.94	21.12				
20	64QAM	1	99	20.83	20.69	21.08	20.95	21.19				
20	64QAM	50	0	19.98	19.89	20.44	20.16	20.32				
20	64QAM	50	24	19.99	19.90	20.44	20.16	20.32				
20	64QAM	50	50	19.99	19.94	20.45	20.19	20.35	21.5	1.5		
20	64QAM	100	0	19.98	19.93	20.44	20.19	20.35				
Channel				39725	40173	40620	41108	41515			Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.5	2546.3	2593	2637.8	2682.5				
15	QPSK	1	0	21.68	21.59	21.95	21.73	21.87	23	0		
15	QPSK	1	37	21.59	21.47	21.93	21.78	21.73				
15	QPSK	1	74	21.73	21.54	21.81	21.66	21.78				
15	QPSK	36	0	21.65	21.56	21.92	21.61	21.72				
15	QPSK	36	20	21.58	21.40	21.98	21.57	21.68				
15	QPSK	36	39	21.59	21.52	21.74	21.65	21.65	23	0		
15	QPSK	75	0	21.63	21.44	21.77	21.75	21.74				
15	16QAM	1	0	21.51	21.51	21.87	21.79	21.72				
15	16QAM	1	37	21.50	21.46	21.86	21.68	21.78				
15	16QAM	1	74	21.63	21.39	21.77	21.50	21.85				
15	16QAM	36	0	21.00	20.76	20.95	21.30	21.26	22.5	0.5		
15	16QAM	36	20	20.88	20.78	21.09	21.35	21.37				
15	16QAM	36	39	20.88	20.88	21.17	21.38	21.32				
15	16QAM	75	0	20.93	20.83	21.09	21.22	21.38				
15	64QAM	1	0	20.77	20.54	20.77	20.88	21.06				
15	64QAM	1	37	20.76	20.72	20.87	20.99	21.08	22.5	0.5		
15	64QAM	1	74	20.55	20.88	20.88	21.05	20.94				
15	64QAM	36	0	19.83	19.79	20.86	20.16	20.12				
15	64QAM	36	20	19.92	19.81	20.14	20.25	20.41				
15	64QAM	36	39	19.88	19.81	20.09	20.28	20.31				
15	64QAM	75	0	19.83	19.88	20.15	20.22	20.41	21.5	1.5		
Channel				39700	40160	40620	41080	41540			Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685				
10	QPSK	1	0	21.75	21.58	21.88	21.81	21.61	23	0		
10	QPSK	1	25	21.57	21.42	21.86	21.75	21.77				
10	QPSK	1	49	21.61	21.54	21.91	21.67	21.88				
10	QPSK	25	0	21.60	21.53	21.88	21.61	21.75				
10	QPSK	25	12	21.59	21.43	21.83	21.58	21.72				
10	QPSK	25	25	21.69	21.47	21.70	21.64	21.75	23	0		
10	QPSK	50	0	21.59	21.47	21.77	21.77	21.68				
10	16QAM	1	0	21.54	21.44	21.93	21.79	21.86				
10	16QAM	1	25	21.50	21.44	21.71	21.59	21.51				
10	16QAM	1	49	21.61	21.37	21.70	21.59	21.76				
10	16QAM	25	0	20.98	20.89	20.96	21.30	21.39	22.5	0.5		
10	16QAM	25	12	20.91	20.91	21.03	21.30	21.28				
10	16QAM	25	25	20.88	20.91	21.17	21.33	21.34				
10	16QAM	50	0	20.88	20.88	20.98	21.18	21.39				
10	64QAM	1	0	20.76	20.65	20.73	20.86	21.02				
10	64QAM	1	25	20.69	20.62	20.80	21.11	21.03	22.5	0.5		
10	64QAM	1	49	20.50	20.59	20.94	21.13	21.20				
10	64QAM	25	0	19.92	19.86	20.08	20.29	20.32				
10	64QAM	25	12	19.93	19.83	20.07	20.21	20.36				
10	64QAM	25	25	19.98	19.83	20.12	20.26	20.40				
10	64QAM	50	0	19.84	19.79	20.18	20.25	20.38	21.5	1.5		
Channel				39675	40148	40620	41093	41565			Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5				
5	QPSK	1	0	21.74	21.60	21.85	21.79	21.91	24.5	0		
5	QPSK	1	12	21.66	21.54	21.93	21.66	21.70				
5	QPSK	1	24	21.67	21.56	21.85	21.68	21.78				
5	QPSK	12	0	21.71	21.55	21.94	21.68	21.77				
5	QPSK	12	7	21.52	21.48	21.79	21.64	21.73				
5	QPSK	12	13	21.63	21.41	21.74	21.58	21.66	23	0		
5	QPSK	25	0	21.68	21.45	21.81	21.72	21.77				
5	16QAM	1	0	21.56	21.48	21.90	21.69	21.74				
5	16QAM	1	12	21.58	21.43	21.76	21.71	21.53				
5	16QAM	1	24	21.63	21.41	21.67	21.53	21.82				
5	16QAM	12	0	20.91	20.81	20.93	21.29	21.29	22.5	0.5		
5	16QAM	12	7	20.85	20.91	21.09	21.32	21.29				
5	16QAM	12	13	20.86	20.88	21.09	21.39	21.28				
5	16QAM	25	0	20.95	20.83	21.11	21.15	21.47				
5	64QAM	1	0	20.70	21.90	20.76	20.90	20.97				
5	64QAM	1	12	20.82	20.68	20.84	21.11	21.11	22.5	0.5		
5	64QAM	1	24	20.53	20.55	20.85	21.15	20.98				
5	64QAM	12	0	19.93	19.77	20.02	20.24	20.29				
5	64QAM	12	7	19.90	19.82	20.05	20.26	20.34	21.5	1.5		
5	64QAM	12	13	19.92	19.82	20.06	20.22	20.31				
5	64QAM	25	0	19.93	19.86	20.10	20.22	20.38				

Part 96_Band 48_Ant 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)			
Channel				55340	55830	56150	56640					
Frequency (MHz)				3560	3609	3641	3690					
20	QPSK	1	0	17.95	17.83	17.80	17.78	18.5	0			
20	QPSK	1	49	17.89	17.70	17.65	17.72					
20	QPSK	1	99	17.76	17.66	17.75	17.68					
20	QPSK	50	0	17.81	17.80	17.70	17.75					
20	QPSK	50	24	17.83	17.76	17.67	17.73					
20	QPSK	50	50	17.77	17.78	17.67	17.84	18.5	0			
20	QPSK	100	0	17.88	17.84	17.62	17.78					
20	16QAM	1	0	17.82	17.81	17.57	17.83					
20	16QAM	1	49	17.75	17.78	17.73	17.77					
20	16QAM	1	99	17.73	17.70	17.67	17.79					
20	16QAM	50	0	17.71	17.69	17.67	17.76	18.5	0			
20	16QAM	50	24	17.77	17.72	17.76	17.78					
20	16QAM	50	50	17.80	17.74	17.64	17.81					
20	16QAM	100	0	17.86	17.78	17.75	17.86					
20	64QAM	1	0	17.70	17.67	17.64	17.87					
20	64QAM	1	49	17.74	17.79	17.72	17.74	18.5	0			
20	64QAM	1	99	17.79	17.87	17.63	17.84					
20	64QAM	50	0	17.73	17.70	17.65	17.80					
20	64QAM	50	24	17.76	17.75	17.71	17.85					
20	64QAM	50	50	17.76	17.66	17.71	17.89					
20	64QAM	100	0	17.87	17.71	17.66	17.79	Turn-up limit (dBm)	MPR (dB)			
Channel				55350	55830	56160	56650					
Frequency (MHz)				3527.5	3607	3642	3692.5					
15	QPSK	1	0	17.93	17.71	17.74	17.74	18.5	0			
15	QPSK	1	37	17.74	17.62	17.64	17.62					
15	QPSK	1	74	17.68	17.61	17.68	17.60					
15	QPSK	36	0	17.85	17.69	17.68	17.69					
15	QPSK	36	20	17.75	17.57	17.67	17.53					
15	QPSK	36	39	17.64	17.77	17.57	17.53	18.5	0			
15	QPSK	75	0	17.87	17.80	17.47	17.72					
15	16QAM	1	0	17.81	17.75	17.56	17.70					
15	16QAM	1	37	17.85	17.78	17.72	17.72					
15	16QAM	1	74	17.59	17.63	17.66	17.67					
15	16QAM	36	0	17.80	17.62	17.57	17.61	18.5	0			
15	16QAM	36	20	17.64	17.70	17.70	17.75					
15	16QAM	36	39	17.67	17.72	17.61	17.74					
15	16QAM	75	0	17.74	17.75	17.68	17.54					
15	64QAM	1	0	17.68	17.64	17.53	17.84					
15	64QAM	1	37	17.62	17.78	17.58	17.71	18.5	0			
15	64QAM	1	74	17.67	17.83	17.58	17.73					
15	64QAM	36	0	17.87	17.68	17.51	17.74					
15	64QAM	36	20	17.67	17.64	17.65	17.73					
15	64QAM	36	39	17.63	17.60	17.57	17.75					
15	64QAM	75	0	17.80	17.59	17.57	17.68	Turn-up limit (dBm)	MPR (dB)			
Channel				55290	55815	56170	56660					
Frequency (MHz)				3525	3607.5	3642.5	3692.5					
10	QPSK	1	0	17.89	17.74	17.68	17.63	18.5	0			
10	QPSK	1	25	17.80	17.65	17.50	17.65					
10	QPSK	1	49	17.68	17.64	17.63	17.60					
10	QPSK	25	0	17.83	17.69	17.58	17.70					
10	QPSK	25	12	17.78	17.67	17.47	17.71					
10	QPSK	25	25	17.73	17.75	17.63	17.53	18.5	0			
10	QPSK	50	0	17.80	17.72	17.60	17.67					
10	16QAM	1	0	17.73	17.75	17.45	17.76					
10	16QAM	1	25	17.60	17.69	17.64	17.74					
10	16QAM	1	49	17.70	17.69	17.58	17.74					
10	16QAM	25	0	17.67	17.66	17.53	17.72	18.5	0			
10	16QAM	25	12	17.65	17.60	17.69	17.61					
10	16QAM	25	25	17.79	17.67	17.62	17.77					
10	16QAM	50	0	17.77	17.75	17.69	17.54					
10	64QAM	1	0	17.62	17.63	17.60	17.75					
10	64QAM	1	25	17.71	17.68	17.63	17.72	18.5	0			
10	64QAM	1	49	17.64	17.63	17.61	17.78					
10	64QAM	25	0	17.58	17.62	17.54	17.79					
10	64QAM	25	12	17.75	17.68	17.70	17.71					
10	64QAM	25	25	17.63	17.56	17.63	17.82					
10	64QAM	50	0	17.80	17.63	17.62	17.68	Turn-up limit (dBm)	MPR (dB)			
Channel				55265	55810	56170	56715					
Frequency (MHz)				3552.5	3607	3643	3697.5					
5	QPSK	1	0	17.80	17.76	17.65	17.85	18.5	0			
5	QPSK	1	12	17.75	17.57	17.61	17.84					
5	QPSK	1	24	17.65	17.55	17.67	17.82					
5	QPSK	12	0	17.86	17.68	17.62	17.87					
5	QPSK	12	7	17.80	17.59	17.57	17.63					
5	QPSK	12	13	17.75	17.69	17.56	17.58	18.5	0			
5	QPSK	25	0	17.84	17.80	17.48	17.77					
5	16QAM	1	0	17.73	17.74	17.51	17.69					
5	16QAM	1	12	17.66	17.63	17.64	17.64					
5	16QAM	1	24	17.58	17.65	17.65	17.72					
5	16QAM	12	0	17.66	17.60	17.64	17.69	18.5	0			
5	16QAM	12	7	17.72	17.59	17.63	17.70					
5	16QAM	12	13	17.79	17.64	17.56	17.78					
5	16QAM	25	0	17.76	17.74	17.73	17.58					
5	64QAM	1	0	17.55	17.58	17.80	17.75					
5	64QAM	1	12	17.71	17.76	17.63	17.73	18.5	0			
5	64QAM	1	24	17.72	17.75	17.52	17.81					
5	64QAM	12	0	17.63	17.62	17.50	17.69					
5	64QAM	12	7	17.74	17.71	17.69	17.84					
5	64QAM	12	13	17.78	17.61	17.52	17.80					
5	64QAM	25	0	17.82	17.65	17.53	17.78	18.5	0			

Part 96_Band 48_Ant 3													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)				
Channel				55340	55360	56150	56640						
Frequency (MHz)				3560	3609	3641	3690						
20	QPSK	1	0	22.58	22.40	22.52	22.45	23	0				
20	QPSK	1	49	22.49	22.39	22.50	22.32	23	0				
20	QPSK	1	99	22.51	22.38	22.50	22.30	23					
20	QPSK	50	0	21.57	21.42	21.55	21.45	23					
20	QPSK	50	24	21.43	21.28	21.44	21.37	23					
20	QPSK	50	50	21.46	21.37	21.42	21.27	23	22				
20	QPSK	100	0	21.55	21.31	21.44	21.38	23					
20	16QAM	1	0	21.53	21.32	21.47	21.29	23					
20	16QAM	1	49	21.50	21.34	21.45	21.24	23					
20	16QAM	50	24	21.50	21.26	21.44	21.26	23	22				
20	16QAM	50	50	20.55	20.38	20.53	20.43	23					
20	16QAM	50	24	20.44	20.33	20.44	20.34	23					
20	16QAM	50	50	20.44	20.29	20.52	20.30	23					
20	16QAM	100	0	20.54	20.27	20.42	20.31	23	21				
20	64QAM	1	0	20.54	20.27	20.45	20.39	23					
20	64QAM	1	49	20.46	20.28	20.50	20.31	23					
20	64QAM	1	99	20.46	20.35	20.52	20.42	23					
20	64QAM	50	24	19.50	19.44	19.48	19.45	23	21				
20	64QAM	50	50	19.50	19.41	19.49	19.30	23					
20	64QAM	50	50	19.53	19.32	19.51	19.38	23					
20	64QAM	100	0	19.54	19.40	19.45	19.31	23					
Channel				55350	55360	56150	56640	Turn-up limit (dBm)	MPR (dB)				
Frequency (MHz)				3567.5 <th>3609<th>3642<th>3695.5<th colspan="5"></th></th></th></th>	3609 <th>3642<th>3695.5<th colspan="5"></th></th></th>	3642 <th>3695.5<th colspan="5"></th></th>	3695.5 <th colspan="5"></th>						
15	QPSK	1	0	22.48	22.19	22.45	22.43	23	23				
15	QPSK	1	37	22.38	22.17	22.48	22.28	23					
15	QPSK	1	74	22.45	22.09	22.47	22.19	23					
15	QPSK	36	0	21.46	21.22	21.40	21.39	23					
15	QPSK	36	20	21.38	21.09	21.39	21.28	23	22				
15	QPSK	36	36	21.45	21.13	21.27	21.24	23					
15	QPSK	75	0	21.47	21.05	21.36	21.31	23					
15	16QAM	1	0	21.50	21.11	21.38	21.14	23					
15	16QAM	1	37	21.42	21.10	21.39	21.16	23	22				
15	16QAM	1	74	21.43	21.10	21.29	21.29	23					
15	16QAM	36	0	20.54	20.17	20.50	20.42	23					
15	16QAM	36	20	20.30	20.10	20.37	20.30	23					
15	16QAM	36	36	20.30	20.09	20.50	20.27	23	21				
15	16QAM	75	0	20.32	20.14	20.39	20.37	23					
15	64QAM	1	0	20.50	20.01	20.35	20.26	23					
15	64QAM	1	37	20.35	20.07	20.44	20.30	23					
15	64QAM	1	74	20.35	20.07	20.44	20.30	23	21				
15	64QAM	36	0	19.55	19.19	19.48	19.31	23					
15	64QAM	36	20	19.45	19.17	19.45	19.20	23					
15	64QAM	36	36	19.48	19.05	19.36	19.28	23					
15	64QAM	75	0	19.42	19.02	19.30	19.16	23	20				
Channel				55360	55375	56150	56640	Turn-up limit (dBm)		MPR (dB)			
Frequency (MHz)				35655 <th>35675</th> <th>3642.5<th>3695<th colspan="5"></th></th></th>	35675	3642.5 <th>3695<th colspan="5"></th></th>	3695 <th colspan="5"></th>						
10	QPSK	1	0	22.47	22.20	22.49	22.37	23		23			
10	QPSK	1	25	22.45	22.22	22.44	22.19	23					
10	QPSK	1	49	22.43	22.19	22.39	22.15	23					
10	QPSK	25	0	21.42	21.20	21.41	21.38	23					
10	QPSK	25	12	21.39	21.03	21.29	21.21	23	22				
10	QPSK	25	25	21.43	21.02	21.27	21.24	23					
10	QPSK	50	0	21.45	21.03	21.43	21.29	23					
10	QPSK	50	25	21.45	21.01	21.40	21.24	23					
10	16QAM	25	0	21.39	21.01	21.33	21.18	23	22				
10	16QAM	1	49	21.47	21.07	21.39	21.24	23					
10	16QAM	25	0	20.45	20.07	20.47	20.29	23					
10	16QAM	25	12	20.38	20.06	20.29	20.23	23					
10	16QAM	25	25	20.38	20.06	20.29	20.23	23	21				
10	16QAM	50	0	20.27	20.12	20.29	20.30	23					
10	64QAM	1	0	20.45	20.07	20.38	20.34	23					
10	64QAM	1	25	20.34	20.13	20.43	20.17	23					
10	64QAM	1	49	20.34	20.11	20.43	20.31	23	21				
10	64QAM	25	0	19.56	19.23	19.53	19.35	23					
10	64QAM	25	12	19.56	19.19	19.48	19.19	23					
10	64QAM	25	25	19.44	19.12	19.40	19.30	23					
10	64QAM	50	0	19.47	19.17	19.32	19.23	23	20				
Channel				55365	55370	56151	56715	Turn-up limit (dBm)		MPR (dB)			
Frequency (MHz)				35652.5 <th>3607<th>3643<th>3697.5<th colspan="5"></th></th></th></th>	3607 <th>3643<th>3697.5<th colspan="5"></th></th></th>	3643 <th>3697.5<th colspan="5"></th></th>	3697.5 <th colspan="5"></th>						
5	QPSK	1	0	22.46	22.28	22.50	22.34	23		23			
5	QPSK	1	12	22.41	22.22	22.51	22.21	23					
5	QPSK	1	25	22.42	22.08	22.46	22.17	23					
5	QPSK	12	0	21.47	21.18	21.41	21.35	23					
5	QPSK	12	7	21.33	21.04	21.31	21.26	23	22				
5	QPSK	12	13	21.36	21.14	21.28	21.13	23					
5	QPSK	25	0	21.49	21.04	21.35	21.28	23					
5	16QAM	1	0	21.43	21.13	21.43	21.24	23					
5	16QAM	1	12	21.47	21.08	21.36	21.18	23	22				
5	16QAM	1	24	21.44	21.01	21.32	21.31	23					
5	16QAM	12	0	20.51	20.11	20.50	20.32	23					
5	16QAM	12	13	20.50	20.13	20.49	20.35	23					
5	16QAM	12	25	20.30	20.05	20.48	20.24	23	21				
5	16QAM	25	0	20.27	20.02	20.28	20.30	23					
5	64QAM	1	0	20.41	20.05	20.37	20.31	23					
5	64QAM	1	12	20.39	20.04	20.38	20.31	23					
5	64QAM	1	24	20.37	20.19	20.45	20.38	23	21				
5	64QAM	12	0	19.51	19.21	19.46	19.30	23					
5	64QAM	12	7	19.49	19.20	19.45	19.22	23					
5	64QAM	12	13	19.48	19.19	19.44	19.36	23					
5	64QAM	12	25	19.47	19.20	19.30	19.19	23	20				
5	64QAM	25	0	19.41	19.17	19.30	19.19	23					

Part 96_Band 48_Ant 7															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)						
Channel				55340	55330	55150	55640								
Frequency (MHz)				3560	3609	3641	3690								
20	QPSK	1	0	23.36	23.07	23.26	23.18	24.5	0						
20	QPSK	1	49	23.25	22.97	23.23	23.10								
20	QPSK	1	99	23.22	22.97	23.24	23.07								
20	QPSK	50	0	22.35	22.14	22.26	22.22								
20	QPSK	50	24	22.27	21.99	22.11	22.16	23.5	1						
20	QPSK	50	50	22.29	22.10	22.17	22.10								
20	QPSK	100	0	22.33	22.09	22.09	22.17								
20	16QAM	1	49	22.24	22.07	22.08	22.12								
20	16QAM	1	99	22.31	22.01	22.21	22.18	23.5	1						
20	16QAM	50	0	22.22	22.06	22.14	22.14								
20	16QAM	50	24	21.28	21.03	21.17	21.15								
20	16QAM	50	50	21.17	20.91	21.06	21.11								
20	16QAM	100	0	21.23	21.06	21.07	21.10	22.5	2						
20	16QAM	100	0	21.26	20.88	21.05	21.13								
20	64QAM	1	0	21.25	20.91	21.07	21.02								
20	64QAM	1	49	21.14	20.97	21.02	21.14								
20	64QAM	1	99	21.22	20.95	21.02	21.10	22.5	2						
20	64QAM	50	0	20.33	20.09	20.20	20.19								
20	64QAM	50	24	20.31	19.96	20.13	20.13								
20	64QAM	50	50	20.21	19.97	20.07	20.07								
20	64QAM	100	0	20.26	19.98	20.07	20.15	21.5	3						
Channel				55315	55300	55100	55605					Tune-up limit (dBm)			
Frequency (MHz)				3557.5	3608	3642	3692.5								
15	QPSK	1	0	23.27	22.94	23.13	23.04					24.5	0		
15	QPSK	1	37	23.16	22.89	23.15	22.96								
15	QPSK	1	74	23.07	22.89	23.11	22.92								
15	QPSK	36	0	22.28	22.13	22.20	22.20								
15	QPSK	36	20	22.14	21.90	22.07	22.02	23.5	1						
15	QPSK	36	39	22.21	22.00	22.06	22.00								
15	QPSK	75	0	22.30	22.04	22.00	22.07								
15	16QAM	1	0	22.17	22.03	21.95	22.08								
15	16QAM	1	37	22.26	21.96	22.19	22.04	23.5	1						
15	16QAM	1	74	22.19	21.94	22.02	22.07								
15	16QAM	36	0	21.18	20.91	21.16	21.14								
15	16QAM	36	20	21.05	20.79	21.05	21.09								
15	16QAM	36	39	21.15	20.96	20.97	20.96	22.5	2						
15	16QAM	75	0	21.21	20.87	20.94	20.99								
15	64QAM	1	0	21.14	20.77	20.94	20.93								
15	64QAM	1	37	21.01	20.85	21.00	21.13								
15	64QAM	1	74	21.15	20.91	20.92	21.08	22.5	2						
15	64QAM	36	0	20.26	19.97	20.06	20.18								
15	64QAM	36	20	20.26	19.81	20.11	20.00								
15	64QAM	36	39	20.15	19.91	19.94	20.06								
15	64QAM	75	0	20.18	19.95	19.97	20.08	Tune-up limit (dBm)							
Channel				55290	55815	56165	56650								
Frequency (MHz)				3520	3607.5	3642.5	3695								
10	QPSK	1	0	23.28	22.98	23.20	23.12	24.5	0						
10	QPSK	1	25	23.19	22.83	23.11	23.05								
10	QPSK	1	49	23.07	22.83	23.23	22.97								
10	QPSK	25	0	22.24	22.11	22.08	22.12								
10	QPSK	25	12	22.15	21.93	22.04	22.02	23.5	1						
10	QPSK	25	25	22.23	22.04	22.13	21.96								
10	QPSK	50	0	22.30	21.98	21.97	22.10								
10	16QAM	1	0	22.16	21.92	22.06	22.01								
10	16QAM	1	25	22.15	21.97	22.07	22.04	23.5	1						
10	16QAM	1	49	22.10	22.05	22.07	22.11								
10	16QAM	25	0	21.24	20.92	21.07	21.00								
10	16QAM	25	12	21.07	20.77	20.96	21.05								
10	16QAM	25	25	21.14	20.91	21.02	20.95	22.5	2						
10	16QAM	50	0	21.22	20.81	20.99	21.03								
10	64QAM	1	0	21.17	20.81	20.97	20.90								
10	64QAM	1	25	20.99	20.90	20.89	21.13								
10	64QAM	1	49	21.19	20.88	20.97	21.09	21.5	3						
10	64QAM	25	0	20.30	19.94	20.06	20.07								
10	64QAM	25	12	20.22	19.92	20.01	19.98								
10	64QAM	25	25	20.12	19.92	19.96	19.92								
10	64QAM	50	0	20.18	19.84	19.97	20.02	Tune-up limit (dBm)							
Channel				55265	55810	56170	56715								
Frequency (MHz)				3552.5	3607	3643	3697.5								
5	QPSK	1	0	23.33	22.99	23.22	23.08	24.5	0						
5	QPSK	1	12	23.13	22.95	23.19	22.99								
5	QPSK	1	24	23.11	22.85	23.20	22.93								
5	QPSK	12	0	22.23	22.09	22.19	22.14								
5	QPSK	12	7	22.15	21.88	22.08	22.14	23.5	1						
5	QPSK	12	13	22.16	22.08	22.02	22.09								
5	QPSK	25	0	22.27	21.97	22.00	22.11								
5	16QAM	1	0	22.15	22.04	21.93	22.10								
5	16QAM	1	12	22.21	21.89	22.12	22.13	23.5	1						
5	16QAM	1	24	22.06	21.92	22.05	22.02								
5	16QAM	12	0	21.19	20.91	21.07	21.13								
5	16QAM	12	7	21.12	20.84	20.93	21.04								
5	16QAM	12	13	21.20	20.88	20.95	20.90	22.5	2						
5	16QAM	25	0	21.19	20.82	21.03	21.08								
5	64QAM	1	0	21.15	20.76	21.02	20.96								
5	64QAM	1	12	21.04	20.92	20.90	21.02								
5	64QAM	1	24	21.13	20.80	20.91	21.01	22.5	2						
5	64QAM	12	0	20.26	20.02	20.12	20.09								
5	64QAM	12	7	20.18	19.87	20.08	20.00								
5	64QAM	12	13	20.09	19.93	20.03	19.93								
5	64QAM	25	0	20.22	19.93	19.96	20.02								

Reduced Power Mode for ECI15

GSM850_Ant 0	Burst Average Power (dBm)			Tuneup Limit (dBm)	Frame-Average Power (dBm)			Tuneup Limit (dBm)
	TX Channel	128	189	251	128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8
GSM 1 Tx slot		32.35	32.41	32.49	33.50	23.35	23.41	23.49
GPRS 1 Tx slot		32.31	32.38	32.46	33.50	23.31	23.38	23.46
GPRS 2 Tx slots		30.42	30.43	30.58	31.50	24.42	24.43	24.58
GPRS 3 Tx slots		28.21	28.27	28.36	29.50	23.95	24.01	24.10
GPRS 4 Tx slots		27.12	27.23	27.21	28.50	24.12	24.23	24.21
EDGE 1 Tx slot		26.98	26.98	27.05	28.00	17.98	17.98	18.05
EDGE 2 Tx slots		25.82	25.85	25.96	27.00	19.82	19.85	19.96
EDGE 3 Tx slots		23.62	23.52	23.64	24.50	19.36	19.26	19.38
EDGE 4 Tx slots		22.31	22.46	22.57	23.50	19.31	19.46	19.57

GSM1900_Ant 1	Burst Average Power (dbm)			Tune-up	Frame-Average Power (dbm)			Tune-up
TX Channel	512	661	810	Limit (dbm)	512	661	810	Limit (dbm)
Frequency (MHz)	1850.2	1860	1869.8	1850.2	1850.2	1860	1869.8	1850.2
GSM 1 Tx slot	29.24	29.55	29.51	30.50	20.26	20.58	20.51	21.50
GPRS 1 Tx slot	29.24	29.53	29.47	30.50	20.24	20.53	20.47	21.50
GPRS 2 Tx slots	27.42	27.72	27.77	28.50	21.42	21.72	21.77	22.50
GPRS 3 Tx slots	26.21	26.47	26.53	27.50	21.95	22.21	22.27	23.24
GPRS 4 Tx slots	24.98	25.14	25.32	26.50	21.98	22.14	22.32	23.50
EDGE 1 Tx slot	25.82	25.82	25.81	27.00	16.82	16.82	16.81	18.00
EDGE 2 Tx slots	24.49	24.71	24.65	26.00	16.49	16.71	16.65	18.24
EDGE 3 Tx slots	22.15	22.23	22.28	23.50	17.89	17.97	18.02	19.24
EDGE 4 Tx slots	20.87	20.82	21.05	22.00	17.87	17.82	18.05	19.00

GSM1900_Ant 4	Burst Average Power (dBm)				Tune-up Limit	Frame-Average Power (dBm)				Tune-up Limit
TX Channel	512	661	810			512	661	810		
Frequency (MHz)	1850.2	1860	1869.8			1850.2	1860	1869.8		
GSM 1 Tx slot	28.91	28.99	28.99			19.79	19.87	19.95	20.50	
GPRS 1 Tx slot	28.75	28.87	28.95		29.50	19.75	19.87	19.95	20.50	
GPRS 2 Tx slots	26.99	27.11	27.19		27.50	20.99	21.11	21.19	21.50	
GPRS 3 Tx slots	25.79	25.91	25.99		26.50	21.53	21.65	21.73	22.24	
GPRS 4 Tx slots	24.46	24.58	24.66		25.50	21.46	21.58	21.66	22.50	
EDGE 1 Tx slot	24.75	24.87	24.95		26.00	15.75	15.87	15.95	17.00	
EDGE 2 Tx slots	23.44	23.56	23.64		25.00	17.44	17.56	17.64	18.24	
EDGE 3 Tx slots	21.16	21.28	21.36		22.50	16.90	17.02	17.10	18.24	
EDGE 4 Tx slots	19.77	19.89	19.97		21.00	16.77	16.89	16.97	18.00	

Band		WCDMA II_Ant-1			Tune-up Limit (dBm)	WCDMA IV_Ant-1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.95	22.00	21.98	23.00	23.82	23.85	23.79	25.00
3GPP Rel 99	RMC 12.2Kbps	22.05	22.15	22.12	23.00	23.87	23.93	23.84	25.00
3GPP Rel 6	HSDPA Subtest-1	21.09	21.21	21.23	22.00	23.08	23.18	23.15	24.00
3GPP Rel 6	HSDPA Subtest-2	21.06	21.12	21.26	22.00	23.01	23.13	23.11	24.00
3GPP Rel 6	HSDPA Subtest-3	20.63	20.62	20.82	21.50	22.60	22.69	22.64	23.50
3GPP Rel 6	HSDPA Subtest-4	20.58	20.61	20.74	21.50	22.53	22.62	22.57	23.50
3GPP Rel 6	DC-HSDPA Subtest-1	20.97	21.12	21.18	22.00	22.96	23.07	23.01	24.00
3GPP Rel 6	DC-HSDPA Subtest-2	21.01	21.06	21.22	22.00	22.87	23.04	23.06	24.00
3GPP Rel 6	DC-HSDPA Subtest-3	20.62	20.57	20.72	21.50	22.55	22.55	22.62	23.50
3GPP Rel 6	DC-HSDPA Subtest-4	20.53	20.55	20.59	21.50	22.51	22.48	22.48	23.50
3GPP Rel 6	HSUPA Subtest-1	19.13	19.23	19.18	20.00	21.07	21.15	21.19	22.00
3GPP Rel 6	HSUPA Subtest-2	19.13	19.23	19.22	20.00	21.11	21.21	21.20	22.00
3GPP Rel 6	HSUPA Subtest-3	20.15	20.20	20.21	21.00	22.09	22.20	22.20	23.00
3GPP Rel 6	HSUPA Subtest-4	18.66	18.75	18.73	20.00	20.57	20.69	20.68	22.00
3GPP Rel 6	HSUPA Subtest-5	20.10	20.20	20.20	22.00	22.10	22.20	22.20	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.03	19.12	19.19	20.50	21.19	21.26	21.23	22.50

Band		WCDMA II_Ant-4			Tune-up Limit (dBm)	WCDMA IV_Ant-4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.48	20.51	20.45	21.50	21.29	21.32	21.27	22.50
3GPP Rel 99	RMC 12.2Kbps	20.53	20.56	20.50	21.50	21.35	21.37	21.30	22.50
3GPP Rel 6	HSDPA Subtest-1	19.75	19.86	19.96	20.50	20.67	20.69	20.76	21.50
3GPP Rel 6	HSDPA Subtest-2	19.75	19.86	19.91	20.50	20.64	20.66	20.73	21.50
3GPP Rel 6	HSDPA Subtest-3	19.25	19.33	19.44	20.00	20.14	20.20	20.25	21.00
3GPP Rel 6	HSDPA Subtest-4	19.27	19.36	19.44	20.00	20.14	20.15	20.21	21.00
3GPP Rel 6	DC-HSDPA Subtest-1	19.62	19.67	19.82	20.50	20.61	20.60	20.57	21.50
3GPP Rel 6	DC-HSDPA Subtest-2	19.63	19.71	19.80	20.50	20.50	20.49	20.63	21.50
3GPP Rel 6	DC-HSDPA Subtest-3	19.14	19.27	19.35	20.00	19.96	20.06	20.13	21.00
3GPP Rel 6	DC-HSDPA Subtest-4	19.10	19.26	19.32	20.00	20.09	19.95	20.07	21.00
3GPP Rel 6	HSUPA Subtest-1	17.82	17.91	17.95	18.50	18.38	18.73	18.72	19.50
3GPP Rel 6	HSUPA Subtest-2	17.82	17.87	17.93	18.50	18.40	18.67	18.76	19.50
3GPP Rel 6	HSUPA Subtest-3	18.83	18.87	18.92	19.50	19.55	19.70	19.70	20.50
3GPP Rel 6	HSUPA Subtest-4	17.28	17.35	17.48	18.50	18.17	18.20	18.31	19.50
3GPP Rel 6	HSUPA Subtest-5	18.80	18.90	19.00	20.50	19.70	19.72	19.70	21.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.74	17.78	17.75	19.00	18.64	18.72	18.61	20.00

Band		WCDMA V_Ant-0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.80	23.87	23.83	25.00
3GPP Rel 99	RMC 12.2Kbps	23.84	23.95	23.91	25.00
3GPP Rel 6	HSDPA Subtest-1	22.96	22.94	22.92	24.00
3GPP Rel 6	HSDPA Subtest-2	22.89	23.06	22.96	24.00
3GPP Rel 6	HSDPA Subtest-3	22.53	22.61	22.55	23.50
3GPP Rel 6	HSDPA Subtest-4	22.38	22.56	22.51	23.50
3GPP Rel 6	DC-HSDPA Subtest-1	22.84	22.90	22.91	24.00
3GPP Rel 6	DC-HSDPA Subtest-2	22.83	22.99	22.89	24.00
3GPP Rel 6	DC-HSDPA Subtest-3	22.47	22.51	22.41	23.50
3GPP Rel 6	DC-HSDPA Subtest-4	22.31	22.46	22.41	23.50
3GPP Rel 6	HSUPA Subtest-1	20.90	20.94	20.97	22.00
3GPP Rel 6	HSUPA Subtest-2	20.95	20.98	20.98	22.00
3GPP Rel 6	HSUPA Subtest-3	21.94	21.97	21.98	23.00
3GPP Rel 6	HSUPA Subtest-4	20.45	20.43	20.56	22.00
3GPP Rel 6	HSUPA Subtest-5	22.30	22.10	22.00	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.82	20.89	20.88	22.50

GSM850_Ant 4	Burst Average Power (dbm)				Tune-up Limit	Frame-Average Power (dbm)				Tune-up Limit
Tx Channel	128	189	251			128	189	251		
Frequency (MHz)	824.2	836.4	848.8			824.2	836.4	848.8		
GSM 1 Tx slot	32.05	32.26	32.11		33.00	23.05	23.26	23.11	24.00	
GPRS 1 Tx slot	32.01	32.21	32.05		33.00	23.01	23.21	23.05	24.00	
GPRS 2 Tx slots	30.12	30.26	30.13		31.00	24.12	24.26	24.13	25.00	
GPRS 3 Tx slots	27.86	28.04	27.92		29.00	23.60	23.78	23.66	24.74	
GPRS 4 Tx slots	26.72	26.87	26.77		28.00	23.72	23.87	23.77	25.00	
EDGE 1 Tx slot	26.82	26.77	26.77		27.50	17.82	17.77	17.77	20.50	
EDGE 2 Tx slots	25.70	25.68	25.65		26.50	19.70	19.68	19.65	20.50	
EDGE 3 Tx slots	23.43	23.48	23.32		24.50	19.17	19.22	19.06	20.24	
EDGE 4 Tx slots	22.27	22.27	22.24		23.50	19.27	19.27	19.24	20.50	

GSM1900_Ant 2	Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)				Tune-up Limit (dBm)
	TX Channel	512	661	810		512	661	810		
Frequency (MHz)		1850.2	1860	1869.8		1850.2	1860	1869.8		
GSM 1 Tx slot		28.68	28.79	28.74		30.50	20.68	20.79	20.74	
GPRS 1 Tx slot		28.66	28.77	28.73		30.50	20.66	20.77	20.73	
GPRS 2 Tx slots		27.78	27.86	27.90		28.50	21.78	21.86	21.90	
GPRS 3 Tx slots		26.58	26.68	26.65		27.50	22.32	22.42	22.39	
GPRS 4 Tx slots		25.27	25.35	25.38		26.50	22.27	22.35	22.38	
EDGE 1 Tx slot		25.99	26.14	26.06		27.00	16.99	17.14	17.06	
EDGE 2 Tx slots		24.78	24.88	24.84		26.00	16.78	16.88	16.84	
EDGE 3 Tx slots		22.54	22.60	22.58		23.50	18.28	18.34	18.32	
EDGE 4 Tx slots		21.26	21.31	21.29		22.00	18.26	18.31	18.29	

	Band		WCDMA II_Ant-2			Tune-up Limit (dBm)	WCDMA IV_Ant-2			Tune-up Limit (dBm)
	TX Channel		9262	9400	9538		1312	1413	1513	
	Rx Channel		9662	9800	9938		1537	1638	1738	
	Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.96	24.07	23.92	25.00	23.77	23.83	23.80	25.00	
3GPP Rel 99	RMC 12.2Kbps	24.05	24.10	24.03	25.00	23.82	23.90	23.88	25.00	
3GPP Rel 6	HSDPA Subtest-1	23.20	23.32	23.26	24.00	23.18	23.16	23.08	24.00	
3GPP Rel 6	HSDPA Subtest-2	23.23	23.30	23.25	24.00	23.15	23.14	23.11	24.00	
3GPP Rel 6	HSDPA Subtest-3	22.78	22.78	22.80	23.50	22.71	22.67	22.66	23.50	
3GPP Rel 6	HSDPA Subtest-4	22.74	22.79	22.77	23.50	22.70	22.62	22.65	23.50	
3GPP Rel 8	DC-HSDPA Subtest-1	23.11	23.24	23.25	24.00	23.07	23.13	23.00	24.00	
3GPP Rel 8	DC-HSDPA Subtest-2	23.17	23.15	23.13	24.00	23.14	23.12	23.06	24.00	
3GPP Rel 8	DC-HSDPA Subtest-3	22.74	22.76	22.66	23.50	22.56	22.65	22.61	23.50	
3GPP Rel 8	DC-HSDPA Subtest-4	22.62	22.68	22.70	23.50	22.63	22.55	22.50	23.50	
3GPP Rel 6	HSUPA Subtest-1	21.25	21.32	21.28	22.00	21.02	20.87	20.83	22.00	
3GPP Rel 6	HSUPA Subtest-2	21.19	21.35	21.31	22.00	21.03	20.94	20.80	22.00	
3GPP Rel 6	HSUPA Subtest-3	22.29	22.20	22.24	23.00	21.84	21.88	21.81	23.00	
3GPP Rel 6	HSUPA Subtest-4	20.78	20.75	20.80	22.00	20.37	20.44	20.33	22.00	
3GPP Rel 6	HSUPA Subtest-5	22.20	22.40	22.30	24.00	22.02	22.11	22.08	24.00	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.11	21.25	21.16	22.50	20.98	21.00	20.86	22.50	

Band 2_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	21.83	21.86	21.80	23	0		
20	QPSK	1	49	21.73	21.78	21.68				
20	QPSK	1	99	21.77	21.84	21.65				
20	QPSK	50	0	21.76	21.84	21.78	23	0		
20	QPSK	50	24	21.69	21.83	21.73				
20	QPSK	50	50	21.73	21.78	21.71				
20	QPSK	100	0	21.77	21.80	21.66	23	0		
20	16QAM	1	0	21.78	21.75	21.72				
20	16QAM	1	99	21.72	21.79	21.67				
20	16QAM	1	99	21.78	21.79	21.77	22.5	0.5		
20	16QAM	50	0	21.39	21.35	21.37				
20	16QAM	50	24	21.36	21.39	21.33				
20	16QAM	50	50	21.33	21.36	21.32	22.5	0.5		
20	16QAM	100	0	21.34	21.35	21.33				
20	64QAM	1	0	21.64	21.49	21.52				
20	64QAM	1	49	21.60	21.59	21.51	22.5	0.5		
20	64QAM	1	99	21.44	21.48	21.49				
20	64QAM	50	0	20.40	20.37	20.40				
20	64QAM	50	24	20.39	20.41	20.36	21.5	1.5		
20	64QAM	50	50	20.35	20.37	20.33				
20	64QAM	100	0	20.37	20.36	20.34				
Channel				18675	18800	19025	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	18800	1902.5				
15	QPSK	1	0	21.70	21.78	21.75	23	0		
15	QPSK	1	37	21.60	21.74	21.61				
15	QPSK	1	74	21.65	21.72	21.59				
15	QPSK	36	0	21.78	21.71	21.72	23	0		
15	QPSK	36	20	21.57	21.78	21.71				
15	QPSK	36	39	21.68	21.64	21.60				
15	QPSK	75	0	21.71	21.78	21.58	23	0		
15	16QAM	1	0	21.65	21.72	21.70				
15	16QAM	1	37	21.68	21.74	21.65				
15	16QAM	1	74	21.66	21.64	21.74	22.5	0.5		
15	16QAM	36	0	21.29	21.27	21.29				
15	16QAM	36	20	21.33	21.23	21.23				
15	16QAM	36	39	21.24	21.29	21.21	22.5	0.5		
15	16QAM	75	0	21.29	21.22	21.21				
15	64QAM	1	0	21.45	21.53	21.41				
15	64QAM	1	37	21.49	21.59	21.38	22.5	0.5		
15	64QAM	1	74	21.33	21.37	21.39				
15	64QAM	36	0	20.35	20.30	20.26				
15	64QAM	36	20	20.28	20.32	20.21	21.5	1.5		
15	64QAM	36	39	20.31	20.22	20.24				
15	64QAM	75	0	20.27	20.31	20.24				
Channel				18950	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1895	1880	1905				
10	QPSK	1	0	21.75	21.74	21.78	23	0		
10	QPSK	1	25	21.69	21.75	21.60				
10	QPSK	1	49	21.62	21.81	21.52				
10	QPSK	25	0	21.64	21.78	21.76	23	0		
10	QPSK	25	12	21.62	21.71	21.60				
10	QPSK	25	25	21.71	21.68	21.56				
10	QPSK	50	0	21.64	21.68	21.59	23	0		
10	16QAM	1	0	21.69	21.65	21.61				
10	16QAM	1	25	21.71	21.68	21.53				
10	16QAM	1	49	21.65	21.65	21.70	22.5	0.5		
10	16QAM	25	0	21.25	21.25	21.25				
10	16QAM	25	12	21.35	21.31	21.22				
10	16QAM	25	25	21.32	21.32	21.18	22.5	0.5		
10	16QAM	50	0	21.22	21.26	21.24				
10	64QAM	1	0	21.44	21.58	21.37				
10	64QAM	1	25	21.49	21.45	21.47	22.5	0.5		
10	64QAM	1	49	21.41	21.43	21.48				
10	64QAM	25	0	20.27	20.39	20.33				
10	64QAM	25	12	20.26	20.34	20.21	21.5	1.5		
10	64QAM	25	25	20.25	20.20	20.23				
10	64QAM	50	0	20.28	20.36	20.20				
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	18800	1907.5				
5	QPSK	1	0	21.70	21.74	21.73	23	0		
5	QPSK	1	12	21.61	21.77	21.65				
5	QPSK	1	24	21.69	21.82	21.62				
5	QPSK	12	0	21.67	21.70	21.64	23	0		
5	QPSK	12	7	21.63	21.75	21.65				
5	QPSK	12	13	21.58	21.75	21.67				
5	QPSK	25	0	21.62	21.72	21.62	23	0		
5	16QAM	1	0	21.68	21.71	21.59				
5	16QAM	1	12	21.70	21.75	21.60				
5	16QAM	1	24	21.65	21.70	21.63	22.5	0.5		
5	16QAM	12	0	21.34	21.31	21.30				
5	16QAM	12	7	21.33	21.34	21.19				
5	16QAM	12	13	21.26	21.19	21.19	22.5	0.5		
5	16QAM	25	0	21.28	21.32	21.22				
5	64QAM	1	0	21.44	21.50	21.39				
5	64QAM	1	12	21.54	21.47	21.44	22.5	0.5		
5	64QAM	1	24	21.35	21.34	21.42				
5	64QAM	12	0	20.33	20.37	20.25				
5	64QAM	12	7	20.40	20.29	20.23	21.5	1.5		
5	64QAM	12	13	20.30	20.29	20.30				
5	64QAM	25	0	20.32	20.27	20.21				
Channel				18915	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1891.5	18800	1908.5				
3	QPSK	1	0	21.78	21.83	21.67	23	0		
3	QPSK	1	8	21.60	21.76	21.53				
3	QPSK	1	14	21.64	21.69	21.50				
3	QPSK	8	0	21.68	21.82	21.64	23	0		
3	QPSK	8	4	21.68	21.82	21.68				
3	QPSK	8	7	21.68	21.76	21.67				
3	QPSK	15	0	21.73	21.67	21.62	23	0		
3	16QAM	1	0	21.69	21.64	21.58				
3	16QAM	1	8	21.67	21.74	21.60				
3	16QAM	1	14	21.64	21.66	21.62	22.5	0.5		
3	16QAM	8	0	21.25	21.33	21.34				
3	16QAM	8	4	21.32	21.33	21.22				
3	16QAM	8	7	21.32	21.20	21.20	22.5	0.5		
3	16QAM	15	0	21.30	21.21	21.22				
3	64QAM	1	0	21.38	21.57	21.45				
3	64QAM	1	8	21.50	21.47	21.48	22.5	0.5		
3	64QAM	1	14	21.42	21.42	21.36				
3	64QAM	8	0	20.31	20.31	20.39				
3	64QAM	8	4	20.31	20.30	20.28	21.5	1.5		
3	64QAM	8	7	20.36	20.25	20.18				
3	64QAM	15	0	20.28	20.33	20.33				
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	18800	1909.3				
1.4	QPSK	1	0	21.72	21.83	21.79	23	0		
1.4	QPSK	1	3	21.63	21.66	21.57				
1.4	QPSK	1	5	21.74	21.74	21.52				
1.4	QPSK	3	0	21.75	21.74	21.75	23	0		
1.4	QPSK	3	1	21.64	21.74	21.74				
1.4	QPSK	3	3	21.63	21.78	21.50				
1.4	QPSK	6	0	21.69	21.80	21.68	23	0		
1.4	16QAM	1	0	21.57	21.80	21.69				
1.4	16QAM	1	3	21.63	21.63	21.67				
1.4	16QAM	1	5	21.69	21.71	21.61	23	0		
1.4	16QAM	3	0	21.66	21.72	21.63				
1.4	16QAM	3	1	21.71	21.65	21.68				
1.4	16QAM	3	3	21.64	21.72	21.64	22.5	0.5		
1.4	16QAM	6	0	21.23	21.30	21.19				
1.4	64QAM	1	0	21.39	21.59	21.38				
1.4	64QAM	1	3	21.55	21.53	21.44	22.5	0.5		
1.4	64QAM	1	5	21.47	21.32	21.44				
1.4	64QAM	3	0	21.47	21.59	21.37				
1.4	64QAM	3	1	21.56	21.48	21.44	21.5	1.5		
1.4	64QAM	3	3	21.51	21.47	21.44				
1.4	64QAM	6	0	20.35	20.31	20.30				

Band 4_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	23.25	23.30	23.27	24.5	0	
20	QPSK	1	49	23.22	23.26	23.20			
20	QPSK	1	99	23.11	23.15	23.22			
20	QPSK	50	0	22.20	22.31	22.27	23.5	1	
20	QPSK	50	24	22.27	22.22	22.25			
20	QPSK	50	50	22.21	22.19	22.26			
20	QPSK	100	0	22.24	22.29	22.26	23.5	1	
20	16QAM	1	0	22.52	22.53	22.49			
20	16QAM	1	49	22.53	22.51	22.48			
20	16QAM	1	99	22.44	22.36	22.50	22.5	2	
20	16QAM	50	0	21.23	21.20	21.21			
20	16QAM	50	24	21.26	21.19	21.26			
20	16QAM	50	50	21.22	21.20	21.26	22.5	2	
20	16QAM	100	0	21.22	21.18	21.24			
20	64QAM	1	0	21.34	21.45	21.41			
20	64QAM	1	49	21.42	21.43	21.46	22.5	2	
20	64QAM	1	99	21.27	21.25	21.42			
20	64QAM	50	0	20.24	20.22	20.21			
20	64QAM	50	24	20.27	20.21	20.27	21.5	3	
20	64QAM	50	50	20.21	20.19	20.27			
20	64QAM	100	0	20.23	20.19	20.25			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	23.15	23.16	23.22	24.5	0	
15	QPSK	1	37	23.09	23.16	23.13			
15	QPSK	1	74	23.10	23.03	23.12			
15	QPSK	36	0	22.22	22.17	22.17	23.5	1	
15	QPSK	36	20	22.12	22.19	22.24			
15	QPSK	36	39	22.11	22.06	22.15			
15	QPSK	75	0	22.09	22.21	22.25	23.5	1	
15	16QAM	1	0	22.49	22.41	22.34			
15	16QAM	1	37	22.39	22.49	22.40			
15	16QAM	1	74	22.40	22.30	22.42	22.5	2	
15	16QAM	36	0	21.12	21.05	21.15			
15	16QAM	36	20	21.16	21.05	21.19			
15	16QAM	36	39	21.09	21.13	21.13	22.5	2	
15	16QAM	75	0	21.13	21.10	21.20			
15	64QAM	1	0	21.27	21.39	21.28			
15	64QAM	1	37	21.30	21.38	21.37	22.5	2	
15	64QAM	1	74	21.13	21.21	21.33			
15	64QAM	36	0	20.17	20.18	20.07			
15	64QAM	36	20	20.26	20.20	20.26	21.5	3	
15	64QAM	36	39	20.11	20.05	20.21			
15	64QAM	75	0	20.20	20.08	20.20			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	23.14	23.18	23.18	24.5	0	
10	QPSK	1	25	23.07	23.12	23.19			
10	QPSK	1	49	23.06	23.07	23.19			
10	QPSK	25	0	22.16	22.21	22.21	23.5	1	
10	QPSK	25	12	22.14	22.11	22.10			
10	QPSK	25	25	22.14	22.14	22.18			
10	QPSK	50	0	22.18	22.14	22.14	23.5	1	
10	16QAM	1	0	22.39	22.43	22.38			
10	16QAM	1	25	22.51	22.47	22.42			
10	16QAM	1	49	22.37	22.34	22.47	22.5	2	
10	16QAM	25	0	21.18	21.19	21.07			
10	16QAM	25	12	21.15	21.09	21.17			
10	16QAM	25	25	21.07	21.13	21.25	22.5	2	
10	16QAM	50	0	21.17	21.14	21.20			
10	64QAM	1	0	21.25	21.33	21.30			
10	64QAM	1	25	21.38	21.36	21.40	22.5	2	
10	64QAM	1	49	21.17	21.13	21.29			
10	64QAM	25	0	20.13	20.08	20.06			
10	64QAM	25	12	20.23	20.07	20.25	21.5	3	
10	64QAM	25	25	20.12	20.07	20.21			
10	64QAM	50	0	20.15	20.05	20.19			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	23.18	23.18	23.24	24.5	0	
5	QPSK	1	12	23.09	23.18	23.07			
5	QPSK	1	24	23.06	23.00	23.10			
5	QPSK	12	0	22.16	22.21	22.16	23.5	1	
5	QPSK	12	7	22.20	22.16	22.14			
5	QPSK	12	13	22.18	22.15	22.21			
5	QPSK	25	0	22.23	22.28	22.14	23.5	1	
5	16QAM	1	0	22.40	22.41	22.35			
5	16QAM	1	12	22.50	22.37	22.34			
5	16QAM	1	24	22.33	22.35	22.45	22.5	2	
5	16QAM	12	0	21.17	21.06	21.16			
5	16QAM	12	7	21.17	21.07	21.21			
5	16QAM	12	13	21.16	21.07	21.25	22.5	2	
5	16QAM	25	0	21.13	21.05	21.09			
5	64QAM	1	0	21.20	21.39	21.40			
5	64QAM	1	12	21.31	21.36	21.45	22.5	2	
5	64QAM	1	24	21.25	21.11	21.33			
5	64QAM	12	0	20.14	20.20	20.14			
5	64QAM	12	7	20.16	20.11	20.13	21.5	3	
5	64QAM	12	13	20.13	20.16	20.25			
5	64QAM	25	0	20.11	20.11	20.23			
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	23.14	23.15	23.20	24.5	0	
3	QPSK	1	8	23.15	23.21	23.11			
3	QPSK	1	14	22.97	23.07	23.16			
3	QPSK	8	0	22.18	22.20	22.12	23.5	1	
3	QPSK	8	4	22.25	22.18	22.12			
3	QPSK	8	7	22.19	22.18	22.12			
3	QPSK	15	0	22.09	22.12	22.24	23.5	1	
3	16QAM	1	0	22.45	22.40	22.45			
3	16QAM	1	8	22.45	22.47	22.40			
3	16QAM	1	14	22.33	22.22	22.46	22.5	2	
3	16QAM	8	0	21.21	21.08	21.10			
3	16QAM	8	4	21.22	21.10	21.15			
3	16QAM	8	7	21.07	21.09	21.15	22.5	2	
3	16QAM	15	0	21.08	21.06	21.12			
3	64QAM	1	0	21.33	21.43	21.40			
3	64QAM	1	8	21.36	21.29	21.40	22.5	2	
3	64QAM	1	14	21.13	21.12	21.38			
3	64QAM	8	0	20.18	20.15	20.13			
3	64QAM	8	4	20.12	20.13	20.13	21.5	3	
3	64QAM	8	7	20.07	20.04	20.18			
3	64QAM	15	0	20.08	20.08	20.10			
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	23.15	23.22	23.17	24.5	0	
1.4	QPSK	1	3	23.20	23.23	23.16			
1.4	QPSK	1	5	22.98	23.12	23.18			
1.4	QPSK	3	0	23.14	23.25	23.25	23.5	1	
1.4	QPSK	3	1	23.07	23.24	23.19			
1.4	QPSK	3	3	23.01	23.08	23.21			
1.4	QPSK	6	0	22.12	22.26	22.12	23.5	1	
1.4	16QAM	1	0	22.40	22.38	22.36			
1.4	16QAM	1	3	22.48	22.39	22.38			
1.4	16QAM	1	5	22.40	22.35	22.45	23.5	1	
1.4	16QAM	3	0	22.36	22.39	22.45			
1.4	16QAM	3	1	22.51	22.40	22.47			
1.4	16QAM	3	3	22.43	22.30	22.46	22.5	2	
1.4	16QAM	6	0	21.21	21.14	21.14			
1.4	64QAM	1	0	21.33	21.38	21.36			
1.4	64QAM	1	3	21.29	21.37	21.41	22.5	2	
1.4	64QAM	1	5	21.16	21.13	21.36			
1.4	64QAM	3	0	21.22	21.43	21.26			
1.4	64QAM	3	1	21.40	21.28	21.39	21.5	3	
1.4	64QAM	3	3	21.21	21.17	21.35			
1.4	64QAM	6	0	20.16	20.11	20.22			

Band 4_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	23.38	23.40	23.35	24.5	0	
20	QPSK	1	49	23.37	23.29	23.21			
20	QPSK	1	99	23.31	23.26	23.23			
20	QPSK	50	0	22.36	22.39	22.34	23.5	1	
20	QPSK	50	24	22.30	22.37	22.32			
20	QPSK	50	50	22.35	22.29	22.27			
20	QPSK	100	0	22.30	22.35	22.31	23.5	1	
20	16QAM	1	0	22.66	22.44	22.46			
20	16QAM	1	49	22.51	22.46	22.60			
20	16QAM	1	99	22.47	22.60	22.55	22.5	2	
20	16QAM	50	0	21.35	21.38	21.32			
20	16QAM	50	24	21.40	21.28	21.37			
20	16QAM	50	50	21.28	21.30	21.26	22.5	2	
20	16QAM	100	0	21.38	21.32	21.27			
20	64QAM	1	0	21.78	21.71	21.36			
20	64QAM	1	49	21.73	21.43	21.48	22.5	2	
20	64QAM	1	99	21.61	21.47	21.55			
20	64QAM	50	0	20.41	20.46	20.34			
20	64QAM	50	24	20.39	20.34	20.39	21.5	3	
20	64QAM	50	50	20.36	20.33	20.27			
20	64QAM	100	0	20.40	20.33	20.32			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	23.24	23.34	23.25	24.5	0	
15	QPSK	1	37	23.25	23.21	23.19			
15	QPSK	1	74	23.23	23.16	23.12			
15	QPSK	36	0	22.25	22.31	22.33	23.5	1	
15	QPSK	36	20	22.21	22.30	22.18			
15	QPSK	36	39	22.31	22.27	22.16			
15	QPSK	75	0	22.20	22.33	22.29	23.5	1	
15	16QAM	1	0	22.51	22.34	22.33			
15	16QAM	1	37	22.37	22.39	22.48			
15	16QAM	1	74	22.44	22.49	22.52	22.5	2	
15	16QAM	36	0	22.24	21.36	21.27			
15	16QAM	36	20	21.39	21.31	21.32			
15	16QAM	36	39	21.21	21.26	21.18	22.5	2	
15	16QAM	75	0	21.38	21.31	21.20			
15	64QAM	1	0	21.73	21.63	21.31			
15	64QAM	1	37	21.71	21.33	21.44	22.5	2	
15	64QAM	1	74	21.52	21.34	21.44			
15	64QAM	36	0	20.34	20.37	20.33			
15	64QAM	36	20	20.35	20.26	20.30	21.5	3	
15	64QAM	36	39	20.29	20.27	20.21			
15	64QAM	75	0	20.32	20.21	20.21			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	23.24	23.26	23.28	24.5	0	
10	QPSK	1	25	23.27	23.26	23.13			
10	QPSK	1	49	23.28	23.18	23.22			
10	QPSK	25	0	22.23	22.26	22.24	23.5	1	
10	QPSK	25	12	22.18	22.23	22.17			
10	QPSK	25	25	22.27	22.15	22.18			
10	QPSK	50	0	22.21	22.20	22.29	23.5	1	
10	16QAM	1	0	22.52	22.33	22.36			
10	16QAM	1	25	22.41	22.37	22.53			
10	16QAM	1	49	22.46	22.53	22.43	22.5	2	
10	16QAM	25	0	21.30	21.23	21.29			
10	16QAM	25	12	21.27	21.16	21.26			
10	16QAM	25	25	21.14	21.23	21.22	22.5	2	
10	16QAM	50	0	21.25	21.19	21.12			
10	64QAM	1	0	21.64	21.57	21.31			
10	64QAM	1	25	21.62	21.40	21.35	22.5	2	
10	64QAM	1	49	21.52	21.35	21.41			
10	64QAM	25	0	20.32	20.44	20.33			
10	64QAM	25	12	20.35	20.29	20.33	21.5	3	
10	64QAM	25	25	20.31	20.29	20.15			
10	64QAM	50	0	20.36	20.26	20.21			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	23.24	23.36	23.28	24.5	0	
5	QPSK	1	12	23.35	23.22	23.16			
5	QPSK	1	24	23.19	23.12	23.25			
5	QPSK	12	0	22.23	22.29	22.25	23.5	1	
5	QPSK	12	7	22.19	22.19	22.25			
5	QPSK	12	13	22.22	22.25	22.16			
5	QPSK	25	0	22.19	22.34	22.28	23.5	1	
5	16QAM	1	0	22.64	22.30	22.32			
5	16QAM	1	12	22.46	22.34	22.47			
5	16QAM	1	24	22.35	22.57	22.48	22.5	2	
5	16QAM	12	0	21.30	21.31	21.25			
5	16QAM	12	7	21.38	21.25	21.24			
5	16QAM	12	13	21.13	21.23	21.15	22.5	2	
5	16QAM	25	0	21.35	21.31	21.25			
5	16QAM	1	0	21.69	21.67	21.35			
5	64QAM	1	12	21.65	21.41	21.46	22.5	2	
5	64QAM	1	24	21.46	21.34	21.51			
5	64QAM	12	0	20.31	20.31	20.15			
5	64QAM	12	12	20.29	20.26	20.38	21.5	3	
5	64QAM	12	13	20.24	20.21	20.20			
5	64QAM	25	0	20.32	20.29	20.29			
Channel				19985	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	23.32	23.27	23.33	24.5	0	
3	QPSK	1	8	23.24	23.16	23.06			
3	QPSK	1	14	23.19	23.12	23.22			
3	QPSK	8	0	22.30	22.37	22.32	23.5	1	
3	QPSK	8	4	22.27	22.28	22.21			
3	QPSK	8	7	22.25	22.20	22.20			
3	QPSK	15	0	22.61	22.24	22.24	23.5	1	
3	16QAM	1	0	22.64	22.40	22.40			
3	16QAM	1	8	22.41	22.42	22.50			
3	16QAM	1	14	22.38	22.45	22.44	22.5	2	
3	16QAM	8	0	21.34	21.25	21.25			
3	16QAM	8	4	21.26	21.26	21.27			
3	16QAM	8	7	21.26	21.29	21.24	22.5	2	
3	16QAM	15	0	21.34	21.30	21.25			
3	64QAM	1	0	21.74	21.65	21.34			
3	64QAM	1	8	21.71	21.38	21.36	22.5	2	
3	64QAM	1	14	21.56	21.34	21.51			
3	64QAM	8	0	20.31	20.31	20.32			
3	64QAM	8	4	20.34	20.27	20.31	21.5	3	
3	64QAM	8	7	20.33	20.23	20.22			
3	64QAM	15	0	20.39	20.21	20.31			
Channel				19907	20175	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	23.36	23.28	23.22	24.5	0	
1.4	QPSK	1	3	23.25	23.16	23.11			
1.4	QPSK	1	6	23.21	23.13	23.22			
1.4	QPSK	3	0	23.31	23.38	23.27	23.5	1	
1.4	QPSK	3	1	23.26	23.24	23.17			
1.4	QPSK	3	3	23.24	23.23	23.13			
1.4	QPSK	6	0	22.20	22.23	22.16	23.5	1	
1.4	16QAM	1	0	22.56	22.40	22.32			
1.4	16QAM	1	3	22.40	22.35	22.47			
1.4	16QAM	1	5	22.36	22.58	22.40	23.5	1	
1.4	16QAM	3	0	21.65	21.36	20.39			
1.4	16QAM	3	1	22.44	22.36	22.59			
1.4	16QAM	3	3	22.41	22.58	22.42	22.5	2	
1.4	16QAM	6	0	21.28	21.29	21.26			
1.4	64QAM	1	0	21.65	21.69	21.34			
1.4	64QAM	1	3	21.58	21.40	21.40	22.5	2	
1.4	64QAM	1	5	21.60	21.35	21.53			
1.4	64QAM	3	0	21.66	21.70	21.35			
1.4	64QAM	3	1	21.65	21.36	21.44	21.5	3	
1.4	64QAM	3	3	21.57	21.45	21.49			
1.4	64QAM	6	0	20.27	20.23	20.24			

Band 5_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.78	23.87	23.86	25	0		
10	QPSK	1	25	23.66	23.74	23.53				
10	QPSK	1	49	23.70	23.82	23.74				
10	QPSK	25	0	22.64	22.77	22.74				
10	QPSK	25	12	22.63	22.67	22.72				
10	QPSK	25	25	22.63	22.69	22.70	24	1		
10	QPSK	50	0	22.67	22.75	22.73				
10	16QAM	1	0	22.74	22.93	22.97				
10	16QAM	1	25	22.74	22.74	23.02				
10	16QAM	1	49	22.71	23.00	22.97				
10	16QAM	25	0	21.66	21.63	21.74	23	2		
10	16QAM	25	12	21.60	21.71	21.69				
10	16QAM	25	25	21.60	21.78	21.71				
10	16QAM	50	0	21.62	21.73	21.71				
10	64QAM	1	0	21.93	22.06	21.96				
10	64QAM	1	25	21.85	21.77	21.95	23	2		
10	64QAM	1	49	21.84	21.98	21.81				
10	64QAM	25	0	20.60	20.73	20.66				
10	64QAM	25	12	20.52	20.62	20.69				
10	64QAM	25	25	20.66	20.68	20.81				
10	64QAM	50	0	20.63	20.68	20.74	22	3		
Channel				20425	20525	20625				
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	23.75	23.85	23.83	25	0		
5	QPSK	1	12	23.54	23.73	23.39				
5	QPSK	1	24	23.65	23.77	23.62				
5	QPSK	12	0	22.60	22.72	22.61				
5	QPSK	12	7	22.51	22.56	22.71				
5	QPSK	12	13	22.55	22.62	22.62	24	1		
5	QPSK	25	0	22.56	22.62	22.66				
5	16QAM	1	0	22.67	22.80	22.91				
5	16QAM	1	12	22.61	22.62	22.93				
5	16QAM	1	24	22.67	22.90	22.86				
5	16QAM	12	0	21.65	21.54	21.72	23	2		
5	16QAM	12	7	21.56	21.64	21.65				
5	16QAM	12	13	21.57	21.73	21.70				
5	16QAM	25	0	21.61	21.66	21.58				
5	64QAM	1	0	21.89	22.01	21.87				
5	64QAM	1	12	21.75	21.69	21.94	23	2		
5	64QAM	1	24	21.72	21.93	21.76				
5	64QAM	12	0	20.49	20.67	20.60				
5	64QAM	12	7	20.46	20.50	20.58				
5	64QAM	12	13	20.57	20.55	20.72				
5	64QAM	25	0	20.68	20.62	20.74	22	3		
Channel				20415	20525	20635				
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	23.74	23.81	23.76	25	0		
3	QPSK	1	8	23.52	23.66	23.39				
3	QPSK	1	14	23.61	23.69	23.70				
3	QPSK	8	0	22.57	22.76	22.71				
3	QPSK	8	4	22.62	22.59	22.69				
3	QPSK	8	7	22.60	22.61	22.69	24	1		
3	QPSK	15	0	22.59	22.73	22.64				
3	16QAM	1	0	22.62	22.89	22.88				
3	16QAM	1	8	22.72	22.68	22.97				
3	16QAM	1	14	22.68	22.88	22.91				
3	16QAM	8	0	21.65	21.57	21.63	23	2		
3	16QAM	8	4	21.48	21.63	21.63				
3	16QAM	8	7	21.59	21.64	21.64				
3	16QAM	15	0	21.53	21.61	21.56				
3	64QAM	1	0	21.80	21.95	21.95				
3	64QAM	1	8	21.78	21.69	21.88	23	2		
3	64QAM	1	14	21.70	21.85	21.70				
3	64QAM	8	0	20.49	20.66	20.51				
3	64QAM	8	4	20.42	20.48	20.57				
3	64QAM	8	7	20.63	20.65	20.73				
3	64QAM	15	0	20.68	20.59	20.65	22	3		
Channel				20407	20525	20643				
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.69	23.72	23.84	25	0		
1.4	QPSK	1	3	23.51	23.71	23.45				
1.4	QPSK	1	5	23.57	23.77	23.65				
1.4	QPSK	3	0	23.71	23.80	23.85				
1.4	QPSK	3	1	23.63	23.68	23.45				
1.4	QPSK	3	3	23.69	23.70	23.73	24	1		
1.4	QPSK	6	0	22.58	22.61	22.65				
1.4	16QAM	1	0	22.73	22.91	22.88				
1.4	16QAM	1	3	22.64	22.59	23.00				
1.4	16QAM	1	5	22.66	22.86	22.84				
1.4	16QAM	3	0	22.73	22.86	22.87	24	1		
1.4	16QAM	3	1	22.64	22.71	23.01				
1.4	16QAM	3	3	22.59	22.88	22.86				
1.4	16QAM	6	0	21.57	21.64	21.67				
1.4	64QAM	1	0	21.92	21.93	21.87				
1.4	64QAM	1	3	21.82	21.73	21.92	23	2		
1.4	64QAM	1	5	21.80	21.92	21.80				
1.4	64QAM	3	0	21.49	21.75	21.69				
1.4	64QAM	3	1	21.53	21.69	21.70				
1.4	64QAM	3	3	21.98	21.99	21.97				
1.4	64QAM	6	0	20.60	20.59	20.77	22	3		

Band 5_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.63	23.66	23.64	25	0		
10	QPSK	1	25	23.49	23.44	23.50				
10	QPSK	1	49	23.47	23.61	23.57				
10	QPSK	25	0	22.56	22.63	22.55				
10	QPSK	25	12	22.54	22.49	22.50				
10	QPSK	25	25	22.55	22.56	22.47	24	1		
10	QPSK	50	0	22.56	22.60	22.52				
10	16QAM	1	0	22.85	23.05	22.80				
10	16QAM	1	25	22.80	22.81	23.01				
10	16QAM	1	49	22.88	22.87	22.93				
10	16QAM	25	0	21.57	21.47	21.60	23	2		
10	16QAM	25	12	21.62	21.42	21.64				
10	16QAM	25	25	21.61	21.48	21.62				
10	16QAM	50	0	21.61	21.46	21.61				
10	64QAM	1	0	21.75	21.87	21.80				
10	64QAM	1	25	21.76	21.60	21.66	23	2		
10	64QAM	1	49	21.62	21.68	21.94				
10	64QAM	25	0	20.50	20.53	20.61				
10	64QAM	25	12	20.49	20.46	20.48				
10	64QAM	25	25	20.52	20.58	20.52	22	3		
10	64QAM	50	0	20.51	20.51	20.61				
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	23.51	23.64	23.58	25	0		
5	QPSK	1	12	23.41	23.42	23.42				
5	QPSK	1	24	23.32	23.59	23.52				
5	QPSK	12	0	22.48	22.58	22.40				
5	QPSK	12	7	22.52	22.46	22.45				
5	QPSK	12	13	22.40	22.33	22.33	24	1		
5	QPSK	25	0	22.54	22.57	22.48				
5	16QAM	1	0	22.84	23.03	22.66				
5	16QAM	1	12	22.58	22.71	22.90				
5	16QAM	1	24	22.80	22.84	22.92				
5	16QAM	12	0	21.49	21.46	21.53	23	2		
5	16QAM	12	7	21.58	21.30	21.53				
5	16QAM	12	13	21.53	21.41	21.61				
5	16QAM	25	0	21.58	21.60	21.58				
5	64QAM	1	0	21.63	21.85	21.75				
5	64QAM	1	12	21.61	21.56	21.64	23	2		
5	64QAM	1	24	21.48	21.59	21.85				
5	64QAM	12	0	20.40	20.40	20.48				
5	64QAM	12	7	20.34	20.36	20.36				
5	64QAM	12	13	20.40	20.56	20.41				
5	64QAM	25	0	20.42	20.50	20.55	22	3		
5	64QAM	25	0	20.415	20.525	20.635				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	23.54	23.64	23.61	25	0		
3	QPSK	1	8	23.35	23.41	23.40				
3	QPSK	1	14	23.41	23.53	23.48				
3	QPSK	8	0	22.53	22.61	22.42				
3	QPSK	8	4	22.43	22.44	22.40				
3	QPSK	8	7	22.41	22.52	22.40	24	1		
3	QPSK	15	0	22.54	22.56	22.44				
3	16QAM	1	0	22.80	22.93	22.73				
3	16QAM	1	8	22.70	22.78	22.89				
3	16QAM	1	14	22.77	22.83	22.83				
3	16QAM	8	0	21.53	21.37	21.46	23	2		
3	16QAM	8	4	21.57	21.39	21.53				
3	16QAM	8	7	21.53	21.37	21.56				
3	16QAM	15	0	21.59	21.31	21.47				
3	64QAM	1	0	21.63	21.78	21.79				
3	64QAM	1	8	21.65	21.53	21.55	23	2		
3	64QAM	1	14	21.55	21.61	21.88				
3	64QAM	8	0	20.49	20.41	20.60				
3	64QAM	8	4	20.36	20.44	20.36				
3	64QAM	8	7	20.47	20.39	20.40				
3	64QAM	15	0	20.43	20.42	20.48	22	3		
3	64QAM	15	0	20.415	20.525	20.643				
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.57	23.56	23.57	25	0		
1.4	QPSK	1	3	23.46	23.42	23.43				
1.4	QPSK	1	5	23.37	23.51	23.40				
1.4	QPSK	3	0	23.54	23.60	23.54				
1.4	QPSK	3	1	23.45	23.29	23.49				
1.4	QPSK	3	3	23.46	23.54	23.45	24	1		
1.4	QPSK	6	0	22.43	22.47	22.39				
1.4	16QAM	1	0	22.78	22.99	22.67				
1.4	16QAM	1	3	22.60	22.69	22.80				
1.4	16QAM	1	5	22.87	22.79	22.87				
1.4	16QAM	3	0	22.80	23.02	22.79	24	1		
1.4	16QAM	3	1	22.66	22.79	22.90				
1.4	16QAM	3	3	22.74	22.72	22.86				
1.4	16QAM	6	0	21.50	21.37	21.58				
1.4	64QAM	1	0	21.71	21.77	21.67				
1.4	64QAM	1	3	21.62	21.53	21.63	23	2		
1.4	64QAM	1	5	21.51	21.67	21.83				
1.4	64QAM	3	0	21.61	21.85	21.68				
1.4	64QAM	3	1	21.63	21.59	21.57				
1.4	64QAM	3	3	21.60	21.54	21.91				
1.4	64QAM	6	0	20.45	20.42	20.50	22	3		
1.4	64QAM	6	0	20.45	20.42	20.51				

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.75	23.86	23.77	24.5	0	
20	QPSK	1	49	23.69	23.77	23.70			
20	QPSK	1	99	23.72	23.85	23.71			
20	QPSK	50	0	22.73	22.79	22.76	23.5	1	
20	QPSK	50	24	22.66	22.74	22.73			
20	QPSK	50	50	22.69	22.77	22.71			
20	QPSK	100	0	22.67	22.78	22.69	23.5	1	
20	16QAM	1	0	22.82	22.90	22.95			
20	16QAM	1	49	22.88	22.91	22.85			
20	16QAM	1	99	22.79	23.10	23.13	22.5	2	
20	16QAM	50	0	21.59	21.79	21.72			
20	16QAM	50	24	21.66	21.75	21.69			
20	16QAM	50	50	21.74	21.75	21.71	22.5	2	
20	16QAM	100	0	21.66	21.73	21.71			
20	64QAM	1	0	21.80	22.06	22.05			
20	64QAM	1	49	21.77	21.91	21.85	22.5	2	
20	64QAM	1	99	21.80	21.93	22.13			
20	64QAM	50	0	20.61	20.76	20.76			
20	64QAM	50	24	20.68	20.82	20.71	21.5	3	
20	64QAM	50	50	20.71	20.80	20.70			
20	64QAM	100	0	20.65	20.78	20.72			
Channel				20825	21100	21315	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	23.67	23.79	23.76	24.5	0	
15	QPSK	1	37	23.59	23.65	23.69			
15	QPSK	1	74	23.64	23.70	23.67			
15	QPSK	36	0	22.67	22.70	22.67	23.5	1	
15	QPSK	36	20	22.65	22.66	22.71			
15	QPSK	36	39	22.66	22.69	22.70			
15	QPSK	75	0	22.58	22.75	22.60	23.5	1	
15	16QAM	1	0	22.67	22.86	22.88			
15	16QAM	1	37	22.83	22.80	22.76			
15	16QAM	1	74	22.70	23.03	23.11	22.5	2	
15	16QAM	36	0	21.50	21.71	21.64			
15	16QAM	36	20	21.61	21.63	21.60			
15	16QAM	36	39	21.62	21.68	21.58	22.5	2	
15	16QAM	75	0	21.60	21.71	21.59			
15	64QAM	1	0	21.69	22.05	22.01			
15	64QAM	1	37	21.73	21.89	21.73	22.5	2	
15	64QAM	1	74	21.67	21.78	22.06			
15	64QAM	36	0	20.57	20.69	20.62			
15	64QAM	36	20	20.58	20.81	20.56	21.5	3	
15	64QAM	36	39	20.56	20.77	20.69			
15	64QAM	75	0	20.51	20.74	20.62			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	23.65	23.79	23.72	24.5	0	
10	QPSK	1	25	23.64	23.69	23.63			
10	QPSK	1	49	23.64	23.70	23.70			
10	QPSK	25	0	22.62	22.66	22.72	23.5	1	
10	QPSK	25	12	22.57	22.67	22.64			
10	QPSK	25	25	22.64	22.63	22.69			
10	QPSK	50	0	22.54	22.73	22.64	23.5	1	
10	16QAM	1	0	22.75	22.80	22.88			
10	16QAM	1	25	22.80	22.88	22.77			
10	16QAM	1	49	22.75	23.08	23.05	22.5	2	
10	16QAM	25	0	21.52	21.73	21.65			
10	16QAM	25	12	21.56	21.64	21.57			
10	16QAM	25	25	21.62	21.67	21.68	22.5	2	
10	16QAM	50	0	21.51	21.67	21.70			
10	64QAM	1	0	21.72	21.98	21.90			
10	64QAM	1	25	21.67	21.81	21.84	22.5	2	
10	64QAM	1	49	21.67	21.81	22.04			
10	64QAM	25	0	20.48	20.74	20.74			
10	64QAM	25	12	20.65	20.73	20.69	21.5	3	
10	64QAM	25	25	20.60	20.72	20.62			
10	64QAM	50	0	20.62	20.72	20.65			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	23.60	23.85	23.65	24.5	0	
5	QPSK	1	12	23.57	23.74	23.62			
5	QPSK	1	24	23.66	23.84	23.68			
5	QPSK	12	0	22.62	22.68	22.67	23.5	1	
5	QPSK	12	7	22.62	22.59	22.72			
5	QPSK	12	13	22.63	22.66	22.59			
5	QPSK	25	0	22.56	22.65	22.65	23.5	1	
5	16QAM	1	0	22.73	22.81	22.89			
5	16QAM	1	12	22.75	22.84	22.72			
5	16QAM	1	24	22.74	22.99	22.99	22.5	2	
5	16QAM	12	0	21.55	21.65	21.67			
5	16QAM	12	7	21.57	21.64	21.58			
5	16QAM	12	13	21.61	21.67	21.65	22.5	2	
5	16QAM	25	0	21.52	21.62	21.60			
5	64QAM	1	0	21.70	22.04	21.98			
5	64QAM	1	12	21.64	21.82	21.77	22.5	2	
5	64QAM	1	24	21.70	21.88	22.01			
5	64QAM	12	0	20.59	20.64	20.62			
5	64QAM	12	7	20.57	20.68	20.67	21.5	3	
5	64QAM	12	13	20.62	20.75	20.57			
5	64QAM	25	0	20.62	20.73	20.68			

Band 7_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	21.55	21.60	21.52	22.5	0	
20	QPSK	1	49	21.53	21.48	21.41			
20	QPSK	1	99	21.50	21.55	21.42			
20	QPSK	50	0	21.48	21.55	21.45	22.5	0	
20	QPSK	50	24	21.47	21.48	21.40			
20	QPSK	50	50	21.45	21.53	21.43			
20	QPSK	100	0	21.40	21.48	21.42	22.5	0	
20	16QAM	1	0	21.41	21.49	21.47			
20	16QAM	1	49	21.42	21.57	21.47			
20	16QAM	1	99	21.52	21.54	21.43	22.5	0	
20	16QAM	50	0	21.47	21.50	21.46			
20	16QAM	50	24	21.54	21.54	21.41			
20	16QAM	50	50	21.52	21.47	21.51	22.5	0	
20	16QAM	100	0	21.52	21.56	21.37			
20	64QAM	1	0	21.52	21.54	21.48			
20	64QAM	1	49	21.46	21.49	21.46	22.5	0	
20	64QAM	1	99	21.53	21.54	21.40			
20	64QAM	50	0	20.53	20.51	20.43			
20	64QAM	50	24	20.48	20.51	20.45	21.5	1	
20	64QAM	50	50	20.58	20.51	20.41			
20	64QAM	100	0	20.54	20.51	20.41			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	21.45	21.48	21.51	22.5	0	
15	QPSK	1	37	21.52	21.42	21.39			
15	QPSK	1	74	21.42	21.42	21.34			
15	QPSK	36	0	21.41	21.48	21.31	22.5	0	
15	QPSK	36	20	21.37	21.44	21.35			
15	QPSK	36	39	21.41	21.39	21.32			
15	QPSK	75	0	21.37	21.38	21.29	22.5	0	
15	16QAM	1	0	21.32	21.36	21.32			
15	16QAM	1	37	21.32	21.32	21.45			
15	16QAM	1	74	21.41	21.42	21.33	22.5	0	
15	16QAM	36	0	21.35	21.48	21.36			
15	16QAM	36	20	21.42	21.39	21.30			
15	16QAM	36	39	21.40	21.42	21.40	22.5	0	
15	16QAM	75	0	21.45	21.46	21.24			
15	64QAM	1	0	21.45	21.46	21.47			
15	64QAM	1	37	21.35	21.35	21.48	22.5	0	
15	64QAM	1	74	21.43	21.48	21.28			
15	64QAM	36	0	20.48	20.48	20.41			
15	64QAM	36	20	20.36	20.46	20.42	21.5	1	
15	64QAM	36	39	20.51	20.36	20.39			
15	64QAM	75	0	20.47	20.50	20.34			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	21.51	21.59	21.42	22.5	0	
10	QPSK	1	25	21.43	21.41	21.38			
10	QPSK	1	49	21.40	21.49	21.36			
10	QPSK	25	0	21.41	21.49	21.32	22.5	0	
10	QPSK	25	12	21.33	21.47	21.33			
10	QPSK	25	25	21.35	21.49	21.36			
10	QPSK	50	0	21.33	21.43	21.27	22.5	0	
10	16QAM	1	0	21.32	21.34	21.43			
10	16QAM	1	25	21.36	21.49	21.41			
10	16QAM	1	49	21.44	21.49	21.29	22.5	0	
10	16QAM	25	0	21.43	21.42	21.45			
10	16QAM	25	12	21.45	21.47	21.36			
10	16QAM	25	25	21.40	21.45	21.45	22.5	0	
10	16QAM	50	0	21.42	21.49	21.35			
10	64QAM	1	0	21.37	21.45	21.40			
10	64QAM	1	25	21.35	21.41	21.35	22.5	0	
10	64QAM	1	49	21.49	21.52	21.25			
10	64QAM	25	0	20.48	20.41	20.33			
10	64QAM	25	12	20.39	20.42	20.34	21.5	1	
10	64QAM	25	25	20.45	20.46	20.38			
10	64QAM	50	0	20.45	20.46	20.32			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	21.43	21.54	21.48	22.5	0	
5	QPSK	1	12	21.38	21.39	21.33			
5	QPSK	1	24	21.42	21.47	21.32			
5	QPSK	12	0	21.46	21.40	21.31	22.5	0	
5	QPSK	12	7	21.41	21.43	21.26			
5	QPSK	12	13	21.41	21.46	21.29			
5	QPSK	25	0	21.37	21.42	21.37	22.5	0	
5	16QAM	1	0	21.38	21.46	21.38			
5	16QAM	1	12	21.34	21.47	21.34			
5	16QAM	1	24	21.39	21.51	21.28	22.5	0	
5	16QAM	12	0	21.43	21.44	21.31			
5	16QAM	12	7	21.50	21.39	21.32			
5	16QAM	12	13	21.46	21.41	21.47	22.5	0	
5	16QAM	25	0	21.38	21.44	21.30			
5	64QAM	1	0	21.42	21.48	21.41			
5	64QAM	1	12	21.41	21.45	21.35	22.5	0	
5	64QAM	1	24	21.58	21.45	21.26			
5	64QAM	12	0	20.46	20.42	20.34			
5	64QAM	12	7	20.40	20.41	20.42	21.5	1	
5	64QAM	12	13	20.49	20.40	20.36			
5	64QAM	25	0	20.40	20.41	20.27			

Band 12_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130	24.5	0		
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	23.66	23.72	23.69				
10	QPSK	1	25	23.60	23.64	23.54				
10	QPSK	1	49	23.62	23.43	23.38	23.5	1		
10	QPSK	25	0	22.55	22.60	22.53				
10	QPSK	25	12	22.51	22.52	22.51				
10	QPSK	25	25	22.53	22.56	22.45				
10	QPSK	50	0	22.53	22.58	22.47	23.5	1		
10	16QAM	1	0	22.95	22.63	22.99				
10	16QAM	1	25	22.94	22.69	22.70				
10	16QAM	1	49	22.99	22.76	22.64				
10	16QAM	25	0	21.52	21.64	21.46	22.5	2		
10	16QAM	25	12	21.43	21.53	21.43				
10	16QAM	25	25	21.60	21.54	21.44				
10	16QAM	50	0	21.56	21.56	21.44				
10	64QAM	1	0	21.75	21.73	21.87	22.5	2		
10	64QAM	1	25	21.85	21.90	21.77				
10	64QAM	1	49	21.71	21.69	21.84				
10	64QAM	25	0	20.53	20.50	20.49				
10	64QAM	25	12	20.58	20.52	20.48	21.5	3		
10	64QAM	25	25	20.51	20.49	20.49				
10	64QAM	50	0	20.53	20.52	20.46				
Channel				23035	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				703.5	707.5	713.5	24.5	0		
5	QPSK	1	0	23.55	23.70	23.57				
5	QPSK	1	12	23.49	23.55	23.49				
5	QPSK	1	24	23.54	23.34	23.28				
5	QPSK	12	0	22.53	22.51	22.50	23.5	1		
5	QPSK	12	7	22.49	22.49	22.37				
5	QPSK	12	13	22.48	22.51	22.31				
5	QPSK	25	0	22.44	22.52	22.42				
5	16QAM	1	0	22.87	22.57	22.90	23.5	1		
5	16QAM	1	12	22.87	22.61	22.67				
5	16QAM	1	24	22.95	22.68	22.52				
5	16QAM	12	0	21.46	21.59	21.41				
5	16QAM	12	7	21.40	21.50	21.29	22.5	2		
5	16QAM	12	13	21.54	21.43	21.30				
5	16QAM	25	0	21.44	21.42	21.37				
5	64QAM	1	0	21.71	21.71	21.81				
5	64QAM	1	12	21.81	21.88	21.74	22.5	2		
5	64QAM	1	24	21.66	21.65	21.71				
5	64QAM	12	0	20.39	20.36	20.40				
5	64QAM	12	7	20.55	20.46	20.35				
5	64QAM	12	13	20.48	20.39	20.48	21.5	3		
5	64QAM	25	0	20.44	20.39	20.42				
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				700.5	707.5	714.5	24.5	0		
3	QPSK	1	0	23.58	23.63	23.68				
3	QPSK	1	8	23.53	23.59	23.44				
3	QPSK	1	14	23.56	23.35	23.37				
3	QPSK	8	0	22.43	22.59	22.48	23.5	1		
3	QPSK	8	4	22.46	22.42	22.45				
3	QPSK	8	7	22.49	22.55	22.43				
3	QPSK	15	0	22.48	22.49	22.40				
3	16QAM	1	0	22.91	22.57	22.96	23.5	1		
3	16QAM	1	8	22.91	22.65	22.68				
3	16QAM	1	14	22.93	22.66	22.55				
3	16QAM	8	0	21.47	21.53	21.43				
3	16QAM	8	4	21.42	21.46	21.30	22.5	2		
3	16QAM	8	7	21.55	21.43	21.41				
3	16QAM	15	0	21.49	21.50	21.39				
3	64QAM	1	0	21.64	21.67	21.81				
3	64QAM	1	8	21.81	21.83	21.74	22.5	2		
3	64QAM	1	14	21.68	21.66	21.83				
3	64QAM	8	0	20.52	20.40	20.43				
3	64QAM	8	4	20.48	20.48	20.34				
3	64QAM	8	7	20.43	20.41	20.43	21.5	3		
3	64QAM	15	0	20.40	20.49	20.35				
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				699.7	707.5	715.3	24.5	0		
1.4	QPSK	1	0	23.56	23.60	23.67				
1.4	QPSK	1	3	23.57	23.60	23.40				
1.4	QPSK	1	5	23.51	23.41	23.25				
1.4	QPSK	3	0	23.65	23.66	23.67	23.5	1		
1.4	QPSK	3	1	23.53	23.62	23.48				
1.4	QPSK	3	3	23.57	23.42	23.27				
1.4	QPSK	6	0	22.39	22.47	22.43				
1.4	16QAM	1	0	22.93	22.51	22.88	23.5	1		
1.4	16QAM	1	3	22.80	22.55	22.61				
1.4	16QAM	1	5	22.87	22.64	22.50				
1.4	16QAM	3	0	22.89	22.48	22.93				
1.4	16QAM	3	1	22.93	22.59	22.63	22.5	2		
1.4	16QAM	3	3	22.85	22.62	22.56				
1.4	16QAM	6	0	21.52	21.51	21.37				
1.4	64QAM	1	0	21.70	21.69	21.79				
1.4	64QAM	1	3	21.74	21.82	21.67	22.5	2		
1.4	64QAM	1	5	21.59	21.56	21.82				
1.4	64QAM	3	0	21.70	21.63	21.79				
1.4	64QAM	3	1	21.79	21.81	21.72				
1.4	64QAM	3	3	21.63	21.54	21.73	21.5	3		
1.4	64QAM	6	0	20.52	20.45	20.44				

Band 17_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				23780	23790	23800					
Frequency (MHz)				709	710	711					
10	QPSK	1	0	23.35	23.40	23.38	24.5		1		
10	QPSK	1	25	23.33	23.36	23.20					
10	QPSK	1	49	23.30	23.23	23.34					
10	QPSK	25	0	22.31	22.33	22.25					
10	QPSK	25	12	22.25	22.31	22.25	23.5		1		
10	QPSK	25	25	22.29	22.21	22.25					
10	QPSK	50	0	22.23	22.25	22.21					
10	16QAM	1	0	22.45	22.25	22.50					
10	16QAM	1	25	22.58	22.41	22.60	23.5		1		
10	16QAM	1	49	22.43	22.42	22.61					
10	16QAM	25	0	21.19	21.21	21.19					
10	16QAM	25	12	21.18	21.32	21.23					
10	16QAM	25	25	21.22	21.27	21.18	22.5		2		
10	16QAM	50	0	21.20	21.29	21.19					
10	64QAM	1	0	21.46	21.32	21.38					
10	64QAM	1	25	21.40	21.52	21.54					
10	64QAM	1	49	21.52	21.34	21.56	22.5		2		
10	64QAM	25	0	20.30	20.16	20.25					
10	64QAM	25	12	20.23	20.22	20.29					
10	64QAM	25	25	20.32	20.22	20.26					
10	64QAM	50	0	20.23	20.20	20.24	21.5		3		
Channel				23755	23790	23825					
Frequency (MHz)				706.5	710	713.5					
5	QPSK	1	0	23.35	23.35	23.24				24.5	
5	QPSK	1	12	23.29	23.25	23.09					
5	QPSK	1	24	23.26	23.10	23.23					
5	QPSK	12	0	22.26	22.18	22.22					
5	QPSK	12	7	22.16	22.27	22.18	23.5		1		
5	QPSK	12	13	22.16	22.18	22.22					
5	QPSK	25	0	22.17	22.23	22.12					
5	16QAM	1	0	22.39	22.17	22.48					
5	16QAM	1	12	22.57	22.40	22.56	23.5		1		
5	16QAM	1	24	22.42	22.36	22.46					
5	16QAM	12	0	21.12	21.14	21.07					
5	16QAM	12	7	21.12	21.19	21.11					
5	16QAM	12	13	21.11	21.15	21.09	22.5		2		
5	16QAM	25	0	21.14	21.24	21.12					
5	64QAM	1	0	21.45	21.20	21.33					
5	64QAM	1	12	21.29	21.40	21.44					
5	64QAM	1	24	21.44	21.27	21.56	22.5		2		
5	64QAM	12	0	20.13	20.09	20.13					
5	64QAM	12	7	20.21	20.10	20.28					
5	64QAM	12	13	20.23	20.19	20.24					
5	64QAM	25	0	20.17	20.06	20.13	21.5		3		

Band 26(FCC)_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.82	23.92	23.85	24.5	0	
15	QPSK	1	37	23.72	23.88	23.82			
15	QPSK	1	74	23.77	23.89	23.79			
15	QPSK	36	0	22.77	22.88	22.82	23.5	1	
15	QPSK	36	20	22.71	22.83	22.78			
15	QPSK	36	39	22.74	22.82	22.75			
15	QPSK	75	0	22.71	22.84	22.80	23.5	1	
15	16QAM	1	0	22.99	23.05	23.11			
15	16QAM	1	37	22.80	23.08	22.90			
15	16QAM	1	74	23.00	23.02	23.10	22.5	2	
15	16QAM	36	0	21.65	21.78	21.86			
15	16QAM	36	20	21.76	21.83	21.94			
15	16QAM	36	39	21.76	21.86	21.83	22.5	2	
15	16QAM	75	0	21.75	21.87	21.91			
15	64QAM	1	0	21.90	22.11	22.08			
15	64QAM	1	37	22.08	21.94	22.05	22.5	2	
15	64QAM	1	74	22.13	22.15	22.06			
15	64QAM	36	0	20.77	20.77	20.90			
15	64QAM	36	20	20.74	20.82	20.87	21.5	3	
15	64QAM	36	39	20.82	20.84	20.90			
15	64QAM	75	0	20.73	20.84	20.88			
Channel				26740	26865	26960	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.75	23.83	23.77			
10	QPSK	1	25	23.64	23.84	23.68	24.5	0	
10	QPSK	1	49	23.63	23.83	23.69			
10	QPSK	25	0	22.68	22.76	22.75			
10	QPSK	25	12	22.68	22.78	22.65	23.5	1	
10	QPSK	25	25	22.73	22.79	22.73			
10	QPSK	50	0	22.59	22.80	22.68			
10	16QAM	1	0	22.95	23.03	23.10	23.5	1	
10	16QAM	1	25	22.70	23.03	22.76			
10	16QAM	1	49	22.99	23.01	23.05			
10	16QAM	25	0	21.52	21.67	21.75	22.5	2	
10	16QAM	25	12	21.69	21.69	21.87			
10	16QAM	25	25	21.65	21.71	21.71			
10	16QAM	50	0	21.74	21.73	21.88	22.5	2	
10	64QAM	1	0	21.89	22.04	22.00			
10	64QAM	1	25	21.98	21.92	21.97			
10	64QAM	1	49	22.00	22.05	22.03	21.5	3	
10	64QAM	25	0	20.70	20.82	20.80			
10	64QAM	25	12	20.61	20.70	20.84			
10	64QAM	25	25	20.71	20.79	20.85	21.5	3	
10	64QAM	50	0	20.65	20.77	20.74			
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.79	23.90	23.77			
5	QPSK	1	12	23.70	23.86	23.81	24.5	0	
5	QPSK	1	24	23.75	23.81	23.66			
5	QPSK	12	0	22.63	22.78	22.72			
5	QPSK	12	7	22.61	22.68	22.66	23.5	1	
5	QPSK	12	13	22.71	22.68	22.71			
5	QPSK	25	0	22.61	22.82	22.78			
5	16QAM	1	0	22.96	22.95	23.05	23.5	1	
5	16QAM	1	12	22.69	22.99	22.75			
5	16QAM	1	24	22.91	22.92	23.06			
5	16QAM	12	0	21.60	21.64	21.80	22.5	2	
5	16QAM	12	7	21.67	21.68	21.89			
5	16QAM	12	13	21.71	21.85	21.79			
5	16QAM	25	0	21.66	21.76	21.89	22.5	2	
5	64QAM	1	0	21.76	22.00	22.05			
5	64QAM	1	12	22.04	21.81	21.94			
5	64QAM	1	24	22.05	22.09	22.04	21.5	3	
5	64QAM	12	0	20.67	20.72	20.85			
5	64QAM	12	7	20.73	20.79	20.78			
5	64QAM	12	13	20.74	20.78	20.80	21.5	3	
5	64QAM	25	0	20.72	20.83	20.80			
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.72	23.84	23.79			
3	QPSK	1	8	23.61	23.82	23.72	24.5	0	
3	QPSK	1	14	23.70	23.88	23.73			
3	QPSK	8	0	22.75	22.85	22.71			
3	QPSK	8	4	22.63	22.76	22.75	23.5	1	
3	QPSK	8	7	22.59	22.69	22.68			
3	QPSK	15	0	22.70	22.80	22.76			
3	16QAM	1	0	22.85	23.03	23.09	23.5	1	
3	16QAM	1	8	22.67	22.98	22.87			
3	16QAM	1	14	22.88	22.88	22.97			
3	16QAM	8	0	21.50	21.63	21.79	22.5	2	
3	16QAM	8	4	21.69	21.68	21.93			
3	16QAM	8	7	21.66	21.73	21.76			
3	16QAM	15	0	21.63	21.73	21.78	22.5	2	
3	64QAM	1	0	21.82	21.98	21.99			
3	64QAM	1	8	21.98	21.84	21.85			
3	64QAM	1	14	22.00	22.08	22.00	21.5	3	
3	64QAM	8	0	20.62	20.62	20.78			
3	64QAM	8	4	20.61	20.81	20.78			
3	64QAM	8	7	20.71	20.74	20.80	21.5	3	
3	64QAM	15	0	20.72	20.73	20.84			
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	23.73	23.80	23.77			
1.4	QPSK	1	3	23.59	23.79	23.73	24.5	0	
1.4	QPSK	1	5	23.65	23.74	23.75			
1.4	QPSK	3	0	23.72	23.77	23.77			
1.4	QPSK	3	1	23.63	23.78	23.72	23.5	1	
1.4	QPSK	3	3	23.63	23.82	23.77			
1.4	QPSK	6	0	22.64	22.70	22.76			
1.4	16QAM	1	0	22.87	23.02	23.03	23.5	1	
1.4	16QAM	1	3	22.65	22.94	22.88			
1.4	16QAM	1	5	22.99	22.89	22.97			
1.4	16QAM	3	0	22.95	22.94	23.10	22.5	2	
1.4	16QAM	3	1	22.68	23.03	22.79			
1.4	16QAM	3	3	22.94	22.93	22.97			
1.4	16QAM	6	0	21.71	21.76	21.81	22.5	2	
1.4	64QAM	1	0	21.81	21.97	22.04			
1.4	64QAM	1	3	22.00	21.87	22.00			
1.4	64QAM	1	5	22.01	22.08	22.01	22.5	2	
1.4	64QAM	3	0	21.89	22.07	21.98			
1.4	64QAM	3	1	21.94	21.87	21.93			
1.4	64QAM	3	3	22.10	22.09	21.97	21.5	3	
1.4	64QAM	6	0	20.68	20.73	20.80			

Band 26(FCC)_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.72	23.75	23.69	24.5	0	
15	QPSK	1	37	23.47	23.57	23.58			
15	QPSK	1	74	23.46	23.55	23.66			
15	QPSK	36	0	22.62	22.66	22.55	23.5	1	
15	QPSK	36	20	22.60	22.51	22.53			
15	QPSK	36	39	22.53	22.46	22.48			
15	QPSK	75	0	22.60	22.62	22.58	23.5	1	
15	16QAM	1	0	22.71	22.60	23.02			
15	16QAM	1	37	23.00	22.97	22.93			
15	16QAM	1	74	22.85	22.96	22.82	22.5	2	
15	16QAM	36	0	21.64	21.53	21.45			
15	16QAM	36	20	21.67	21.47	21.51			
15	16QAM	36	39	21.53	21.47	21.55	21.5	3	
15	16QAM	75	0	21.57	21.48	21.59			
15	16QAM	1	0	21.63	21.37	21.52			
15	16QAM	1	37	21.62	21.60	21.57	22.5	2	
15	16QAM	1	74	21.59	21.56	21.60			
15	16QAM	36	0	20.60	20.52	20.54			
15	16QAM	36	20	20.60	20.49	20.57	21.5	3	
15	16QAM	36	39	20.51	20.55	20.58			
15	16QAM	75	0	20.55	20.48	20.57			
Channel				26740	26865	26990	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.69	23.67	23.63	24.5	0	
10	QPSK	1	25	23.40	23.54	23.55			
10	QPSK	1	49	23.33	23.44	23.65			
10	QPSK	25	0	22.56	22.54	22.48	23.5	1	
10	QPSK	25	12	22.57	22.44	22.51			
10	QPSK	25	25	22.42	22.37	22.36			
10	QPSK	50	0	22.56	22.55	22.44	23.5	1	
10	16QAM	1	0	22.71	22.88	22.88			
10	16QAM	1	25	22.92	22.82	22.78			
10	16QAM	1	49	22.77	22.82	22.81	22.5	2	
10	16QAM	25	0	21.49	21.52	21.58			
10	16QAM	25	12	21.56	21.36	21.44			
10	16QAM	25	25	21.52	21.45	21.44	21.5	3	
10	16QAM	50	0	21.42	21.47	21.49			
10	16QAM	1	0	21.51	21.33	21.41			
10	16QAM	1	25	21.52	21.46	21.42	22.5	2	
10	16QAM	1	49	21.56	21.51	21.45			
10	16QAM	25	0	20.45	20.47	20.46			
10	16QAM	25	12	20.49	20.35	20.43	21.5	3	
10	16QAM	25	25	20.45	20.36	20.48			
10	16QAM	50	0	20.42	20.44	20.43			
Channel				26715	26865	27015	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.71	23.71	23.63	24.5	0	
5	QPSK	1	12	23.36	23.52	23.57			
5	QPSK	1	24	23.32	23.46	23.64			
5	QPSK	12	0	22.58	22.64	22.52	23.5	1	
5	QPSK	12	7	22.45	22.41	22.50			
5	QPSK	12	13	22.50	22.31	22.40			
5	QPSK	25	0	22.51	22.59	22.56	23.5	1	
5	16QAM	1	0	22.62	22.97	22.86			
5	16QAM	1	12	22.96	22.82	22.87			
5	16QAM	1	24	22.79	22.95	22.76	22.5	2	
5	16QAM	12	0	21.55	21.39	21.43			
5	16QAM	12	7	21.55	21.40	21.48			
5	16QAM	12	13	21.43	21.45	21.51	22.5	2	
5	16QAM	25	0	21.43	21.45	21.43			
5	16QAM	1	0	21.51	21.51	21.45			
5	16QAM	1	12	21.40	21.52	21.43	21.5	3	
5	16QAM	1	24	21.45	21.14	21.49			
5	16QAM	12	0	20.59	20.38	20.39			
5	16QAM	12	7	20.59	20.34	20.43	21.5	3	
5	16QAM	12	13	20.39	20.46	20.48			
5	16QAM	25	0	20.50	20.46	20.55			
Channel				26705	26865	27025	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.61	23.63	23.55	24.5	0	
3	QPSK	1	8	23.32	23.48	23.46			
3	QPSK	1	14	23.34	23.35	23.58			
3	QPSK	8	0	22.56	22.57	22.54	23.5	1	
3	QPSK	8	4	22.48	22.41	22.39			
3	QPSK	8	7	22.42	22.32	22.41			
3	QPSK	15	0	22.49	22.56	22.49	23.5	1	
3	16QAM	1	0	22.68	22.92	22.91			
3	16QAM	1	8	22.99	22.87	22.84			
3	16QAM	1	14	22.84	22.92	22.74	22.5	2	
3	16QAM	8	0	21.53	21.40	21.42			
3	16QAM	8	4	21.55	21.45	21.36			
3	16QAM	8	7	21.41	21.41	21.42	22.5	2	
3	16QAM	15	0	21.44	21.37	21.45			
3	16QAM	1	0	21.48	21.31	21.51			
3	16QAM	1	8	21.56	21.56	21.44	21.5	3	
3	16QAM	1	14	21.46	21.53	21.49			
3	16QAM	8	0	20.48	20.49	20.47			
3	16QAM	8	4	20.46	20.47	20.49	21.5	3	
3	16QAM	8	7	20.42	20.53	20.55			
3	16QAM	15	0	20.44	20.37	20.52			
Channel				26697	26865	27033	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.71	23.60	23.57	24.5	0	
1.4	QPSK	1	3	23.46	23.55	23.58			
1.4	QPSK	1	5	23.39	23.47	23.54			
1.4	QPSK	3	0	23.58	23.66	23.59	23.5	1	
1.4	QPSK	3	1	23.46	23.56	23.46			
1.4	QPSK	3	3	23.43	23.50	23.53			
1.4	QPSK	6	0	22.65	22.53	22.55	23.5	1	
1.4	16QAM	1	0	22.65	22.98	22.95			
1.4	16QAM	1	3	22.99	22.94	22.80			
1.4	16QAM	3	0	22.75	22.94	22.81	22.5	2	
1.4	16QAM	3	1	22.90	22.87	22.90			
1.4	16QAM	3	3	22.84	22.89	22.74			
1.4	16QAM	6	0	21.55	21.36	21.46	22.5	2	
1.4	16QAM	3	1	21.53	21.32	21.52			
1.4	16QAM	1	3	21.57	21.59	21.55			
1.4	16QAM	1	5	21.58	21.55	21.48	21.5	3	
1.4	16QAM	3	0	21.57	21.32	21.59			
1.4	16QAM	3	1	21.53	21.54	21.52			
1.4	16QAM	3	3	21.51	21.41	21.55	21.5	3	
1.4	16QAM	6	0	20.48	20.43	20.49			

Band 66_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	23.47	23.45	23.45	24.5	0	
20	QPSK	1	49	23.38	23.39	23.40			
20	QPSK	1	99	23.11	23.29	23.21			
20	QPSK	50	0	22.45	22.46	22.38	23.5	1	
20	QPSK	50	24	22.44	22.39	22.34			
20	QPSK	50	50	22.37	22.31	22.35			
20	QPSK	100	0	22.35	22.43	22.33	23.5	1	
20	16QAM	1	0	22.58	22.46	22.66			
20	16QAM	1	49	22.65	22.30	22.60			
20	16QAM	1	99	22.40	22.46	22.57	22.5	2	
20	16QAM	50	0	21.41	21.42	21.41			
20	16QAM	50	24	21.47	21.42	21.30			
20	16QAM	50	50	21.32	21.32	21.30	22.5	2	
20	16QAM	100	0	21.38	21.33	21.31			
20	64QAM	1	0	21.51	21.58	21.53			
20	64QAM	1	49	21.71	21.70	21.60	22.5	2	
20	64QAM	1	99	21.50	21.49	21.55			
20	64QAM	50	0	20.49	20.42	20.39			
20	64QAM	50	24	20.40	20.39	20.37	21.5	3	
20	64QAM	50	50	20.35	20.37	20.38			
20	64QAM	100	0	20.37	20.36	20.40			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	23.38	23.36	23.42			
15	QPSK	1	37	23.34	23.33	23.30			
15	QPSK	1	74	23.04	23.18	23.16			
15	QPSK	36	0	22.33	22.32	22.32	23.5	1	
15	QPSK	36	20	22.34	22.36	22.32			
15	QPSK	36	39	22.34	22.29	22.20			
15	QPSK	75	0	22.31	22.40	22.19	23.5	1	
15	16QAM	1	0	22.47	22.33	22.56			
15	16QAM	1	37	22.55	22.15	22.58			
15	16QAM	1	74	22.35	22.45	22.53	22.5	2	
15	16QAM	36	0	21.29	21.35	21.26			
15	16QAM	36	20	21.46	21.30	21.15			
15	16QAM	36	39	21.30	21.29	21.29	22.5	2	
15	16QAM	75	0	21.33	21.20	21.29			
15	64QAM	1	0	21.37	21.48	21.40			
15	64QAM	1	37	21.63	21.55	21.46	22.5	2	
15	64QAM	1	74	21.41	21.44	21.52			
15	64QAM	36	0	20.34	20.33	20.36			
15	64QAM	36	20	20.33	20.25	20.22	21.5	3	
15	64QAM	36	39	20.23	20.31	20.27			
15	64QAM	75	0	20.32	20.25	20.29			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715 <th>1745<th>1775</th><th rowspan="2">Tune-up limit (dBm)</th><th colspan="2" rowspan="2">MPR (dB)</th></th>	1745 <th>1775</th> <th rowspan="2">Tune-up limit (dBm)</th> <th colspan="2" rowspan="2">MPR (dB)</th>	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.36	23.39	23.31			
10	QPSK	1	25	23.31	23.36	23.32			
10	QPSK	1	49	23.07	23.14	23.17			
10	QPSK	25	0	22.44	22.33	22.27	23.5	1	
10	QPSK	25	12	22.30	22.36	22.28			
10	QPSK	25	25	22.24	22.26	22.34			
10	QPSK	50	0	22.32	22.36	22.18	23.5	1	
10	16QAM	1	0	22.48	22.43	22.55			
10	16QAM	1	25	22.54	22.15	22.54			
10	16QAM	1	49	22.37	22.45	22.45	22.5	2	
10	16QAM	25	0	21.34	21.40	21.30			
10	16QAM	25	12	21.39	21.41	21.24			
10	16QAM	25	25	21.28	21.26	21.29	22.5	2	
10	16QAM	50	0	21.27	21.21	21.20			
10	64QAM	1	0	21.46	21.55	21.44			
10	64QAM	1	25	21.62	21.61	21.54	22.5	2	
10	64QAM	1	49	21.39	21.40	21.48			
10	64QAM	25	0	20.44	20.35	20.31			
10	64QAM	25	12	20.39	20.24	20.36	21.5	3	
10	64QAM	25	25	20.25	20.28	20.23			
10	64QAM	50	0	20.34	20.27	20.20			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.33	23.33	23.43			
5	QPSK	1	12	23.24	23.29	23.36			
5	QPSK	1	24	23.05	23.19	23.17			
5	QPSK	12	0	22.34	22.34	22.24	23.5	1	
5	QPSK	12	7	22.41	22.24	22.25			
5	QPSK	12	13	22.32	22.25	22.26			
5	QPSK	25	0	22.24	22.39	22.19	23.5	1	
5	16QAM	1	0	22.51	22.39	22.56			
5	16QAM	1	12	22.59	22.26	22.48			
5	16QAM	1	24	22.27	22.29	22.27	22.5	2	
5	16QAM	12	0	21.29	21.27	21.31			
5	16QAM	12	7	21.45	21.39	21.26			
5	16QAM	12	13	21.21	21.30	21.27	22.5	2	
5	16QAM	25	0	21.25	21.23	21.25			
5	64QAM	1	0	21.46	21.48	21.49			
5	64QAM	1	12	21.61	21.66	21.53	22.5	2	
5	64QAM	1	24	21.38	21.37	21.40			
5	64QAM	12	0	20.46	20.29	20.27			
5	64QAM	12	7	20.29	20.34	20.24	21.5	3	
5	64QAM	12	13	20.21	20.22	20.25			
5	64QAM	25	0	20.33	20.35	20.32			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.42	23.37	23.39			
3	QPSK	1	8	23.24	23.34	23.33			
3	QPSK	1	14	23.10	23.16	23.07			
3	QPSK	8	0	22.36	22.33	22.28	23.5	1	
3	QPSK	8	4	22.31	22.25	22.24			
3	QPSK	8	7	22.31	22.21	22.25			
3	QPSK	15	0	22.29	22.30	22.23	23.5	1	
3	16QAM	1	0	22.49	22.35	22.52			
3	16QAM	1	8	22.63	22.25	22.55			
3	16QAM	1	14	22.25	22.42	22.42	22.5	2	
3	16QAM	8	0	21.26	21.38	21.31			
3	16QAM	8	4	21.35	21.28	21.14			
3	16QAM	8	7	21.22	21.31	21.27	22.5	2	
3	16QAM	15	0	21.34	21.29	21.23			
3	64QAM	1	0	21.40	21.49	21.44			
3	64QAM	1	8	21.58	21.58	21.53	22.5	2	
3	64QAM	1	14	21.36	21.35	21.51			
3	64QAM	8	0	20.48	20.41	20.29			
3	64QAM	8	4	20.29	20.36	20.30	21.5	3	
3	64QAM	8	7	20.34	20.30	20.23			
3	64QAM	15	0	20.26	20.25	20.30			
Channel				131919	132322	132685	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	23.41	23.38	23.39			
1.4	QPSK	1	3	23.30	23.33	23.36			
1.4	QPSK	1	5	23.08	23.28	23.14			
1.4	QPSK	3	0	23.41	23.45	23.36	23.5	1	
1.4	QPSK	3	1	23.32	23.24	23.35			
1.4	QPSK	3	3	22.97	23.26	23.15			
1.4	QPSK	6	0	22.29	22.29	22.20	23.5	1	
1.4	16QAM	1	0	22.53	22.42	22.55			
1.4	16QAM	1	3	22.52	22.15	22.56	23.5	1	
1.4	16QAM	1	5	22.31	22.35	22.27			
1.4	16QAM	3	0	22.45	22.40	22.65			
1.4	16QAM	3	3	22.35	22.35	22.65	22.5	2	
1.4	16QAM	3	3	22.35	22.39	22.42			
1.4	16QAM	6	0	21.24	21.29	21.23			
1.4	64QAM	1	0	21.43	21.45	21.41	22.5	2	
1.4	64QAM	1	3	21.68	21.69	21.54			
1.4	64QAM	1	5	21.38	21.41	21.44			
1.4	64QAM	3	0	21.47	21.57	21.52	21.5	3	
1.4	64QAM	3	1	21.64	21.58	21.49			
1.4	64QAM	3	3	21.38	21.47	21.47			
1.4	64QAM	6	0	20.29	20.27	20.34			

LTE Band 71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.62	23.69	23.55	24.5	0	
20	QPSK	1	49	23.49	23.50	23.53			
20	QPSK	1	99	23.58	23.59	23.47			
20	QPSK	50	0	22.69	22.71	22.57	23.5	1	
20	QPSK	50	24	22.64	22.63	22.53			
20	QPSK	50	50	22.61	22.64	22.55			
20	QPSK	100	0	22.61	22.66	22.53	23.5	1	
20	16QAM	1	0	22.85	22.92	22.84			
20	16QAM	1	49	22.82	22.88	22.74			
20	16QAM	1	99	22.77	22.79	22.69	22.5	2	
20	16QAM	50	0	21.75	21.62	21.52			
20	16QAM	50	24	21.63	21.59	21.59			
20	16QAM	50	50	21.65	21.62	21.54	22.5	2	
20	16QAM	100	0	21.65	21.57	21.52			
20	64QAM	1	0	21.69	21.73	21.73			
20	64QAM	1	49	21.87	21.71	21.66	22.5	2	
20	64QAM	1	99	21.63	21.72	21.62			
20	64QAM	50	0	20.68	20.62	20.51			
20	64QAM	50	24	20.66	20.64	20.61	21.5	3	
20	64QAM	50	50	20.69	20.64	20.58			
20	64QAM	100	0	20.64	20.64	20.55			
Channel				133197	133297	133397	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.51	23.45	23.48	24.5	0	
15	QPSK	1	37	23.36	23.33	23.48			
15	QPSK	1	74	23.50	23.51	23.25			
15	QPSK	36	0	22.50	22.54	22.52	23.5	1	
15	QPSK	36	20	22.48	22.45	22.30			
15	QPSK	36	39	22.44	22.54	22.41			
15	QPSK	75	0	22.43	22.60	22.42	23.5	1	
15	16QAM	1	0	22.64	22.79	22.79			
15	16QAM	1	37	22.76	22.66	22.56			
15	16QAM	1	74	22.53	22.56	22.46	22.5	2	
15	16QAM	36	0	21.57	21.49	21.35			
15	16QAM	36	20	21.45	21.54	21.47			
15	16QAM	36	39	21.51	21.56	21.41	22.5	2	
15	16QAM	75	0	21.46	21.42	21.36			
15	64QAM	1	0	21.53	21.62	21.61			
15	64QAM	1	37	21.62	21.55	21.53	22.5	2	
15	64QAM	1	74	21.54	21.63	21.51			
15	64QAM	36	0	20.44	20.37	20.44			
15	64QAM	36	20	20.50	20.54	20.50	21.5	3	
15	64QAM	36	39	20.53	20.43	20.39			
15	64QAM	75	0	20.52	20.41	20.35			
Channel				133172	133297	133422	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	0	23.56	23.47	23.48	24.5	0	
10	QPSK	1	25	23.27	23.32	23.42			
10	QPSK	1	49	23.34	23.51	23.27			
10	QPSK	25	0	22.51	22.63	22.40	23.5	1	
10	QPSK	25	12	22.46	22.41	22.46			
10	QPSK	25	25	22.36	22.55	22.35			
10	QPSK	50	0	22.41	22.47	22.44	23.5	1	
10	16QAM	1	0	22.79	22.69	22.77			
10	16QAM	1	25	22.73	22.70	22.57			
10	16QAM	1	49	22.53	22.64	22.48	22.5	2	
10	16QAM	25	0	21.52	21.53	21.36			
10	16QAM	25	12	21.43	21.36	21.39			
10	16QAM	25	25	21.53	21.56	21.40	22.5	2	
10	16QAM	50	0	21.59	21.49	21.32			
10	64QAM	1	0	21.55	21.59	21.62			
10	64QAM	1	25	21.79	21.64	21.50	22.5	2	
10	64QAM	1	49	21.49	21.51	21.55			
10	64QAM	25	0	20.54	20.39	20.35			
10	64QAM	25	12	20.41	20.42	20.50	21.5	3	
10	64QAM	25	25	20.50	20.50	20.44			
10	64QAM	50	0	20.54	20.46	20.49			
Channel				133147	133297	133447	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	23.53	23.56	23.34	24.5	0	
5	QPSK	1	12	23.43	23.45	23.48			
5	QPSK	1	24	23.43	23.43	23.42			
5	QPSK	12	0	22.63	22.51	22.36	23.5	1	
5	QPSK	12	7	22.44	22.47	22.44			
5	QPSK	12	13	22.41	22.53	22.37			
5	QPSK	25	0	22.47	22.62	22.29	23.5	1	
5	16QAM	1	0	22.76	22.76	22.60			
5	16QAM	1	12	22.66	22.78	22.62			
5	16QAM	1	24	22.71	22.54	22.47	22.5	2	
5	16QAM	12	0	21.50	21.46	21.45			
5	16QAM	12	7	21.46	21.53	21.47			
5	16QAM	12	13	21.60	21.50	21.43	22.5	2	
5	16QAM	25	0	21.49	21.48	21.39			
5	64QAM	1	0	21.60	21.59	21.50			
5	64QAM	1	12	21.74	21.46	21.52	22.5	2	
5	64QAM	1	24	21.51	21.56	21.46			
5	64QAM	12	0	20.63	20.47	20.35			
5	64QAM	12	7	20.56	20.50	20.37	21.5	3	
5	64QAM	12	13	20.44	20.59	20.35			
5	64QAM	25	0	20.57	20.58	20.47			

Band 38_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	23.24	23.35	23.30	24.5	0		
20	QPSK	1	49	23.15	23.22	23.26				
20	QPSK	1	99	23.20	23.34	23.24				
20	QPSK	36	0	22.24	22.30	22.28				
20	QPSK	50	24	22.17	22.19	22.19	23.5	1		
20	QPSK	50	50	22.19	22.25	22.22				
20	QPSK	100	0	22.14	22.27	22.22				
20	16QAM	1	0	22.02	22.09	22.14				
20	16QAM	1	49	22.21	22.25	22.23	23.5	1		
20	16QAM	100	0	22.23	22.37	22.41				
20	16QAM	50	0	21.18	21.18	21.22				
20	16QAM	50	24	21.11	21.21	21.32				
20	16QAM	50	50	21.15	21.24	21.37	22.5	2		
20	16QAM	100	0	21.10	21.18	21.29				
20	64QAM	1	0	20.74	20.84	20.90				
20	64QAM	1	49	20.95	21.05	21.06				
20	64QAM	1	99	21.01	20.99	21.12	22.5	2		
20	64QAM	50	0	20.17	20.26	20.21				
20	64QAM	50	24	20.15	20.22	20.31				
20	64QAM	50	50	20.23	20.26	20.40				
20	64QAM	100	0	20.18	20.21	20.29	23.5	1		
Channel				37850	38000	38175				
Frequency (MHz)				2577.5 <th>2595<th>2612.5</th></th>	2595 <th>2612.5</th>	2612.5				
15	QPSK	1	0	23.21	23.31	23.22	24.5	0		
15	QPSK	1	37	23.05	23.10	23.23				
15	QPSK	1	74	23.11	23.27	23.23				
15	QPSK	36	0	22.19	22.15	22.20				
15	QPSK	36	39	22.11	22.12	22.08	23.5	1		
15	QPSK	36	39	22.17	22.18	22.15				
15	QPSK	75	0	22.12	22.21	22.15				
15	16QAM	1	0	21.91	21.97	22.07				
15	16QAM	1	37	22.11	22.21	22.08	23.5	1		
15	16QAM	1	74	22.11	22.36	22.36				
15	16QAM	36	0	21.07	21.07	21.09				
15	16QAM	36	20	21.04	21.13	21.28				
15	16QAM	36	39	21.03	21.17	21.29	22.5	2		
15	16QAM	75	0	21.01	21.16	21.23				
15	64QAM	1	0	20.68	20.72	20.83				
15	64QAM	1	37	20.88	20.93	20.99				
15	64QAM	1	74	20.95	20.93	21.10	22.5	2		
15	64QAM	36	0	20.07	20.16	20.13				
15	64QAM	36	20	20.01	20.15	20.21				
15	64QAM	36	39	20.16	20.12	20.33				
15	64QAM	75	0	20.13	20.18	20.26	21.5	3		
Channel				37800 <th>38000<th>38200</th></th>	38000 <th>38200</th>	38200				
Frequency (MHz)				2575 <th>2595<th>2615</th></th>	2595 <th>2615</th>	2615				
10	QPSK	1	0	23.17	23.29	23.28	24.5	0		
10	QPSK	1	25	23.08	23.10	23.16				
10	QPSK	1	49	23.07	23.25	23.11				
10	QPSK	25	0	22.09	22.20	22.21				
10	QPSK	25	12	22.14	22.08	22.19	23.5	1		
10	QPSK	25	25	22.11	22.11	22.10				
10	QPSK	50	0	22.01	22.21	22.08				
10	16QAM	1	0	21.89	22.00	22.01				
10	16QAM	1	25	22.09	22.10	22.18	23.5	1		
10	16QAM	1	49	22.16	22.26	22.28				
10	16QAM	25	0	21.07	21.16	21.08				
10	16QAM	25	12	21.06	21.20	21.31				
10	16QAM	25	25	21.02	21.23	21.34	22.5	2		
10	16QAM	50	0	21.03	21.03	21.18				
10	64QAM	1	0	20.67	20.71	20.82				
10	64QAM	1	25	20.81	20.92	20.99				
10	64QAM	1	49	21.00	20.91	21.02	21.5	3		
10	64QAM	25	0	20.10	20.14	20.19				
10	64QAM	25	12	20.02	20.12	20.25				
10	64QAM	25	25	20.16	20.20	20.36				
10	64QAM	50	0	20.07	20.10	20.27	22.5	2		
Channel				37775 <th>38000<th>38225</th></th>	38000 <th>38225</th>	38225				
Frequency (MHz)				2572.5 <th>2595<th>2617.5</th></th>	2595 <th>2617.5</th>	2617.5				
5	QPSK	1	0	23.09	23.24	23.24	24.5	0		
5	QPSK	1	12	23.06	23.14	23.17				
5	QPSK	1	24	23.12	23.24	23.16				
5	QPSK	12	0	22.10	22.22	22.13				
5	QPSK	12	7	22.15	22.11	22.14	23.5	1		
5	QPSK	12	13	22.09	22.11	22.20				
5	QPSK	25	0	22.03	22.23	22.07				
5	16QAM	1	0	21.99	21.95	22.06				
5	16QAM	1	12	22.12	22.22	22.20	23.5	1		
5	16QAM	1	24	22.09	22.27	22.40				
5	16QAM	12	0	21.03	21.06	21.16				
5	16QAM	12	7	21.03	21.10	21.22				
5	16QAM	12	13	21.08	21.13	21.22	22.5	2		
5	16QAM	25	0	21.00	21.04	21.23				
5	64QAM	1	0	20.72	20.81	20.84				
5	64QAM	1	12	20.91	20.96	21.03				
5	64QAM	1	24	20.96	20.87	20.98	21.5	3		
5	64QAM	12	0	20.12	20.12	20.20				
5	64QAM	12	7	20.07	20.07	20.16				
5	64QAM	12	13	20.12	20.19	20.29				
5	64QAM	25	0	20.04	20.19	20.23				

Band 38_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	23.09	23.75	23.67	24.5	0		
20	QPSK	1	49	23.52	23.74	23.56				
20	QPSK	1	99	23.58	23.70	23.57				
20	QPSK	36	0	22.44	22.63	22.40				
20	QPSK	50	24	22.51	22.60	22.52	23.5	1		
20	QPSK	50	50	22.50	22.61	22.53				
20	QPSK	100	0	22.53	22.61	22.53				
20	16QAM	1	0	22.58	22.64	22.56	23.5	1		
20	16QAM	1	49	22.87	22.70	22.64				
20	16QAM	1	99	22.80	22.84	22.53				
20	16QAM	50	0	21.57	21.58	21.57				
20	16QAM	50	24	21.57	21.62	21.57	22.5	2		
20	16QAM	50	50	21.60	21.61	21.51				
20	16QAM	100	0	21.56	21.59	21.55				
20	64QAM	1	0	21.35	21.32	21.30				
20	64QAM	1	49	21.30	21.42	21.41	22.5	2		
20	64QAM	1	99	21.43	21.38	21.17				
20	64QAM	50	0	20.56	20.61	20.60				
20	64QAM	50	24	20.59	20.61	20.57				
20	64QAM	50	50	20.63	20.65	20.55	21.5	3		
20	64QAM	100	0	20.60	20.61	20.57				
Channel				37850	38000	38150				
Frequency (MHz)				2577.5 <th>2595<th>2612.5<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th></th>	2595 <th>2612.5<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	2612.5 <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	23.52	23.83	23.62	24.5	0		
15	QPSK	1	37	23.47	23.62	23.55				
15	QPSK	1	74	23.46	23.55	23.54				
15	QPSK	36	0	22.42	22.50	22.52				
15	QPSK	36	36	22.44	22.54	22.55	23.5	1		
15	QPSK	36	36	22.46	22.52	22.50				
15	QPSK	75	0	22.42	22.56	22.43				
15	16QAM	1	0	22.53	22.59	22.42	23.5	1		
15	16QAM	1	37	22.53	22.59	22.42				
15	16QAM	1	74	22.65	22.60	22.38				
15	16QAM	36	0	21.54	21.51	21.56				
15	16QAM	36	20	21.54	21.54	21.52	22.5	2		
15	16QAM	36	36	21.46	21.54	21.44				
15	16QAM	75	0	21.51	21.50	21.47				
15	64QAM	1	0	21.33	21.22	21.27				
15	64QAM	1	37	21.17	21.29	21.27	22.5	2		
15	64QAM	1	74	21.34	21.21	21.22				
15	64QAM	36	0	20.45	20.51	20.56				
15	64QAM	36	20	20.57	20.60	20.44				
15	64QAM	36	39	20.58	20.64	20.41	21.5	3		
15	64QAM	75	0	20.55	20.56	20.56				
Channel				3777.5	2595	2612.5				Tune-up limit (dBm)
Frequency (MHz)				2577.5 <th>2595<th>2612.5<th></th><th></th><th></th></th></th>	2595 <th>2612.5<th></th><th></th><th></th></th>	2612.5 <th></th> <th></th> <th></th>				
10	QPSK	1	0	23.45	23.70	23.55	24.5	0		
10	QPSK	1	25	23.45	23.63	23.47				
10	QPSK	1	49	23.46	23.65	23.49				
10	QPSK	12	0	22.41	22.54	22.53				
10	QPSK	25	12	22.39	22.48	22.45	23.5	1		
10	QPSK	25	25	22.45	22.47	22.49				
10	QPSK	50	0	22.45	22.49	22.44				
10	16QAM	1	0	22.46	22.57	22.51	23.5	1		
10	16QAM	1	25	22.62	22.66	22.52				
10	16QAM	1	49	22.65	22.52	22.46				
10	16QAM	25	0	21.50	21.49	21.56				
10	16QAM	25	12	21.48	21.50	21.55	22.5	2		
10	16QAM	25	25	21.46	21.48	21.49				
10	16QAM	50	0	21.42	21.56	21.40				
10	64QAM	1	0	21.27	21.26	21.28				
10	64QAM	1	25	21.17	21.39	21.32	22.5	2		
10	64QAM	1	49	21.42	21.34	21.02				
10	64QAM	25	0	20.44	20.56	20.47				
10	64QAM	25	12	20.57	20.54	20.48				
10	64QAM	25	25	20.54	20.58	20.42	21.5	3		
10	64QAM	50	0	20.54	20.58	20.44				
Channel				3777.5	38000	38225				Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	23.52	23.68	23.59	24.5	0		
5	QPSK	1	12	23.51	23.63	23.46				
5	QPSK	1	24	23.43	23.67	23.45				
5	QPSK	12	0	22.31	22.57	22.46				
5	QPSK	12	7	22.47	22.57	22.49	23.5	1		
5	QPSK	12	13	22.43	22.53	22.41				
5	QPSK	25	0	22.39	22.47	22.48				
5	16QAM	1	0	22.46	22.57	22.51	23.5	1		
5	16QAM	1	12	22.64	22.58	22.53				
5	16QAM	1	24	22.65	22.53	22.43				
5	16QAM	12	0	21.52	21.50	21.50				
5	16QAM	12	13	21.52	21.54	21.56	22.5	2		
5	16QAM	12	13	21.56	21.58	21.38				
5	16QAM	25	0	21.44	21.48	21.49				
5	64QAM	1	0	21.20	21.31	21.27				
5	64QAM	1	12	21.19	21.34	21.38	22.5	2		
5	64QAM	1	24	21.37	21.35	21.08				
5	64QAM	12	0	20.50	20.58	20.50				
5	64QAM	12	7	20.61	20.55	20.42				
5	64QAM	12	13	20.51	20.56	20.47	21.5	3		
5	64QAM	25	0	20.45	20.45	20.51				
5	64QAM	25	13	20.45	20.45	20.41				

Band 41_Ant 1													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Time-up limit (dBm)	MPR (dB)			
Channel				39750	40185	40620	41055	41490					
Frequency (MHz)				2506	2549.5	2593	2636.5	2680					
20	QPSK	1	0	23.18	23.03	23.55	23.26	23.43	24.5	0			
20	QPSK	1	49	23.04	22.96	23.53	23.20	23.43					
20	QPSK	1	99	22.93	22.92	23.51	23.06	23.47					
20	QPSK	50	0	22.12	22.10	22.48	22.22	22.43					
20	QPSK	50	24	21.97	21.88	22.42	22.13	22.35	23.5	1			
20	QPSK	50	50	21.94	21.87	22.45	22.15	22.41					
20	QPSK	100	0	22.08	22.00	22.41	22.12	22.30					
20	16QAM	1	0	22.11	22.00	22.43	22.09	22.28					
20	16QAM	1	49	22.05	22.05	22.40	22.18	22.32	23.5	1			
20	16QAM	1	99	21.91	21.88	22.38	22.21	22.35					
20	16QAM	50	0	21.01	20.90	21.40	21.04	21.35					
20	16QAM	50	24	21.00	20.92	21.43	21.10	21.38					
20	16QAM	50	50	21.00	20.95	21.38	21.21	21.42	22.5	2			
20	16QAM	100	0	21.00	20.89	21.49	21.13	21.26					
20	64QAM	1	0	20.82	20.58	21.10	20.78	21.01					
20	64QAM	1	49	20.83	20.74	21.12	20.94	21.12					
20	64QAM	1	99	20.83	20.69	21.08	20.95	21.19	22.5	2			
20	64QAM	50	0	19.98	19.88	20.43	20.14	20.32					
20	64QAM	50	24	19.99	19.90	20.44	20.16	20.32					
20	64QAM	50	50	19.99	19.94	20.45	20.19	20.35					
20	64QAM	100	0	19.98	19.93	20.44	20.19	20.35	21.5	3			
Channel				39725	40173	40620	41055	41490					
Frequency (MHz)				2501.5	2546.3	2593	2637.8	2682.5					
15	QPSK	1	0	23.12	22.87	23.11	23.40	23.53	24.5	0			
15	QPSK	1	37	22.90	22.94	23.12	23.37	23.50					
15	QPSK	1	74	22.86	22.86	23.01	23.45	23.38					
15	QPSK	36	0	22.06	21.97	22.11	22.28	22.40					
15	QPSK	36	0	21.90	21.85	22.08	22.30	22.40	23.5	1			
15	QPSK	36	39	21.90	21.80	22.11	22.31	22.31					
15	QPSK	75	0	21.99	21.86	22.05	22.21	22.38					
15	16QAM	1	0	22.01	21.97	22.08	22.16	22.38					
15	16QAM	1	37	22.00	22.04	22.09	22.26	22.35	23.5	1			
15	16QAM	1	74	21.96	21.96	22.14	22.30	22.28					
15	16QAM	36	0	21.00	20.76	20.95	21.30	21.26					
15	16QAM	36	20	20.88	20.78	21.09	21.35	21.31					
15	16QAM	36	39	20.88	20.88	21.17	21.38	21.32	22.5	2			
15	16QAM	36	0	19.83	19.79	20.98	20.16	20.35					
15	16QAM	36	20	19.92	19.81	20.14	20.25	20.41					
15	16QAM	36	39	19.88	19.81	20.09	20.28	20.31					
15	64QAM	1	0	20.77	20.54	20.77	20.98	21.06	22.5	2			
15	64QAM	1	37	20.76	20.72	20.87	20.99	21.08					
15	64QAM	1	74	20.55	20.68	20.88	21.05	20.94					
15	64QAM	36	0	19.83	19.79	20.98	20.16	20.42					
15	64QAM	36	20	19.92	19.81	20.14	20.25	20.41	21.5	3			
15	64QAM	36	39	19.88	19.81	20.09	20.28	20.31					
15	64QAM	75	0	19.83	19.88	20.15	20.22	20.41					
Channel				39700	40160	40620	41080	41540					
Frequency (MHz)				2501	2547	2593	2639	2685					
10	QPSK	1	0	23.07	22.80	23.22	23.38	23.42	24.5	0			
10	QPSK	1	25	22.97	22.82	23.16	23.38	23.41					
10	QPSK	1	49	22.89	22.88	22.94	23.34	23.43					
10	QPSK	25	0	22.10	22.01	22.17	22.41	22.42					
10	QPSK	25	12	21.94	21.87	22.01	22.29	22.39	23.5	1			
10	QPSK	25	25	21.84	21.81	22.10	22.32	22.31					
10	QPSK	50	0	22.05	21.93	22.11	22.15	22.39					
10	16QAM	1	0	22.06	21.89	22.08	22.13	22.32					
10	16QAM	1	25	21.91	21.94	22.11	22.23	22.39	23.5	1			
10	16QAM	1	49	21.89	21.94	22.09	22.24	22.34					
10	16QAM	25	0	20.98	20.89	20.96	21.30	21.39					
10	16QAM	25	12	20.91	20.91	21.03	21.30	21.28					
10	16QAM	25	25	20.86	20.91	21.17	21.33	21.34	22.5	2			
10	16QAM	50	0	20.88	20.86	20.98	21.18	21.39					
10	64QAM	1	0	20.76	20.65	20.73	20.86	21.02					
10	64QAM	1	25	20.69	20.62	20.80	21.11	21.03					
10	64QAM	1	49	20.50	20.59	20.94	21.13	21.20	22.5	2			
10	64QAM	25	0	19.92	19.86	20.08	20.29	20.32					
10	64QAM	25	12	19.93	19.93	20.07	20.21	20.36					
10	64QAM	25	25	19.98	19.93	20.12	20.26	20.40					
10	64QAM	50	0	19.84	19.79	20.18	20.25	20.38	21.5	3			
Channel				39675	40148	40620	41093	41555					
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5					
5	QPSK	1	0	23.11	22.85	23.11	23.47	23.43	24.5	0			
5	QPSK	1	12	23.03	22.94	23.10	23.26	23.43					
5	QPSK	1	24	22.93	22.77	23.03	23.43	23.42					
5	QPSK	12	0	22.01	21.86	22.21	22.35	22.38					
5	QPSK	12	7	21.86	21.86	22.12	22.28	22.30	23.5	1			
5	QPSK	12	13	21.89	21.86	22.13	22.31	22.30					
5	QPSK	25	0	22.01	21.89	21.97	22.23	22.30					
5	16QAM	1	0	21.99	21.92	21.98	22.27	22.42					
5	16QAM	1	12	21.91	21.90	22.09	22.25	22.35	23.5	1			
5	16QAM	1	24	21.90	21.97	22.12	22.27	22.28					
5	16QAM	12	0	20.91	20.81	20.93	21.29	21.39					
5	16QAM	12	7	20.85	20.91	21.09	21.32	21.29					
5	16QAM	12	13	20.86	20.88	21.09	21.39	21.28	22.5	2			
5	16QAM	25	0	20.95	20.83	21.11	21.15	21.47					
5	64QAM	1	0	20.70	20.60	20.76	20.90	20.97					
5	64QAM	1	12	20.82	20.58	20.84	21.11	21.11					
5	64QAM	1	24	20.53	20.55	20.85	21.15	20.98	21.5	3			
Channel				39675	40148	40620	41093	41555					
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5					

Part 96_Band 48_Ant 1										Part 96_Band 48_Ant 3										Part 96_Band 48_Ant 5											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up limit (dBm)	MPR (dB)	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up limit (dBm)	MPR (dB)	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up limit (dBm)	MPR (dB)		
Channel										Channel										Channel											
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)											
20	QPSK	1	0	19.43	19.40	19.34	19.42	20	0	20	QPSK	1	0	22.53	22.40	22.52	22.55	23	0	20	QPSK	1	0	22.43	22.44	22.37	22.51	23	0		
20	QPSK	1	49	19.41	19.31	19.27	19.27			20	QPSK	1	49	22.49	22.39	22.50	22.32			20	QPSK	1	49	22.41	22.43	22.29	22.33			20	QPSK
20	QPSK	1	99	19.39	19.31	19.28	19.27	20	0	20	QPSK	1	99	22.51	22.38	22.50	22.30	22	1	20	QPSK	1	99	22.21	22.38	22.32	22.37	22	1		
20	QPSK	50	0	19.42	19.35	19.31	19.34			20	QPSK	50	0	21.57	21.42	21.55	21.43			20	QPSK	50	0	21.47	21.43	21.39	21.45			20	QPSK
20	QPSK	50	24	19.43	19.36	19.32	19.39	20	0	20	QPSK	50	24	21.43	21.27	21.41	21.37	22	1	20	QPSK	50	24	21.34	21.38	21.32	21.39	22	1		
20	QPSK	50	50	19.40	19.33	19.28	19.28			20	QPSK	50	50	21.46	21.37	21.42	21.27			20	QPSK	50	50	21.31	21.32	21.32	21.33			20	QPSK
20	QPSK	100	0	19.40	19.36	19.23	19.38	20	0	20	QPSK	100	0	21.55	21.31	21.44	21.38	22	1	20	QPSK	100	0	21.46	21.44	21.31	21.41	22	1		
20	16QAM	1	0	19.42	19.35	19.19	19.34			20	16QAM	1	0	21.53	21.32	21.47	21.29			20	16QAM	1	0	21.43	21.48	21.44	21.47			20	16QAM
20	16QAM	1	49	19.31	19.35	19.30	19.29	20	0	20	16QAM	1	49	21.46	21.39	21.44	21.31	22	1	20	16QAM	1	49	21.34	21.67	21.46	21.52	22	1		
20	16QAM	1	99	19.33	19.31	19.24	19.30			20	16QAM	1	99	21.50	21.28	21.44	21.38			20	16QAM	1	99	21.27	21.52	21.48	21.49			20	16QAM
20	16QAM	50	0	19.33	19.31	19.30	19.40	20	0	20	16QAM	50	0	20.65	20.38	20.53	20.43	21	2	20	16QAM	50	0	20.29	20.37	20.33	20.48	21	2		
20	16QAM	50	24	19.42	19.35	19.30	19.32			20	16QAM	50	24	20.44	20.33	20.44	20.34			20	16QAM	50	24	20.29	20.44	20.35	20.46			20	16QAM
20	16QAM	50	50	19.34	19.36	19.26	19.41	20	0	20	16QAM	50	50	20.41	20.29	20.52	20.39	21	2	20	16QAM	50	50	20.23	20.42	20.31	20.51	21	2		
20	16QAM	100	0	19.41	19.38	19.30	19.27			20	16QAM	100	0	20.41	20.30	20.42	20.41			20	16QAM	100	0	20.25	20.39	20.32	20.48			20	16QAM
20	64QAM	1	0	19.34	19.31	19.26	19.39	20	0	20	64QAM	1	0	20.54	20.27	20.45	20.39	21	2	20	64QAM	1	0	19.92	19.98	19.95	20.07	21	2		
20	64QAM	1	49	19.33	19.39	19.31	19.29			20	64QAM	1	49	20.48	20.29	20.50	20.31			20	64QAM	1	49	19.88	20.06	19.97	20.11			20	64QAM
20	64QAM	1	99	19.34	19.38	19.27	19.38	20	0	20	64QAM	1	99	20.46	20.35	20.52	20.42	21	2	20	64QAM	1	99	19.86	20.02	19.89	20.05	21	2		
20	64QAM	50	0	19.31	19.32	19.30	19.39			20	64QAM	50	0	19.60	19.44	19.58	19.45			20	64QAM	50	0	19.32	19.38	19.35	19.46			20	64QAM
20	64QAM	50	24	19.35	19.36	19.25	19.40	20	0	20	64QAM	50	24	19.59	19.41	19.49	19.39	21	3	20	64QAM	50	24	19.28	19.44	19.35	19.51	20	3		
20	64QAM	50	50	19.40	19.27	19.30	19.40			20	64QAM	50	50	19.53	19.32	19.51	19.38			20	64QAM	50	50	19.17	19.43	19.31	19.53			20	64QAM
20	64QAM	100	0	19.44	19.35	19.31	19.30	20	0	20	64QAM	100	0	19.54	19.40	19.45	19.31	22	1	20	64QAM	100	0	19.22	19.39	19.37	19.49	22	1		
Channel										Channel										Channel											
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)											
15	QPSK	1	0	19.41	19.39	19.20	19.30	20	0	15	QPSK	1	0	22.48	22.19	22.45	22.43	23	0	15	QPSK	1	0	22.38	22.21	22.48	22.28	22	1		
15	QPSK	1	37	19.27	19.21	19.23	19.19			15	QPSK	1	37	22.38	22.17	22.48	22.28			15	QPSK	1	37	22.17	22.24	22.11	22.26			15	QPSK
15	QPSK	1	74	19.30	19.29	19.22	19.23	20	0	15	QPSK	1	74	22.45	22.09	22.47	22.19	22	1	15	QPSK	1	74	22.03	22.31	22.17	22.29	22	1		
15	QPSK	36	20	19.27	19.20	19.20	19.25			15	QPSK	36	20	21.46	21.22	21.40	21.33			15	QPSK	36	20	21.23	21.27	21.26	21.31			15	QPSK
15	QPSK	36	20	19.27	19.20	19.19	19.25	20	0	15	QPSK	36	20	21.36	20.99	21.39	21.28	22	1	15	QPSK	36	20	21.22	21.20	21.09	21.24	22	1		
15	QPSK	36	39	19.39	19.22	19.17	19.25			15	QPSK	36	39	21.45	21.13	21.27	21.21			15	QPSK	36	39	21.12	21.20	21.18	21.19			15	QPSK
15	QPSK	75	0	19.27	19.24	19.22	19.37	20	0	15	QPSK	75	0	21.47	21.05	21.36	21.31	22	1	15	QPSK	75	0	21.32	21.39	21.17	21.31	22	1		
15	16QAM	1	0	19.35	19.28	19.10	19.29			15	16QAM	1	0	21.58	21.11	21.38	21.34			15	16QAM	1	0	20.29	20.46	21.23	21.28			15	16QAM
15	16QAM	1	37	19.28	19.20	19.24	19.25	20	0	15	16QAM	1	37	21.42	21.19	21.39	21.31	22	1	15	16QAM	1	37	21.31	21.40	21.16	21.38	22	1		
15	16QAM	1	74	19.24	19.30	19.13	19.16			15	16QAM	1	74	21.43	21.10	21.29	21.29			15	16QAM	1	74	21.08	21.41	21.41	21.29			15	16QAM
15	16QAM	36	0	19.23	19.20	19.26	19.33	20	0	15	16QAM	36	0	20.54	20.17	20.50	20.42	21	2	15	16QAM	36	0	20.14	20.20	20.21	20.26	21	2		
15	16QAM	36	20	19.27	19.25	19.28	19.23			15	16QAM	36	20	20.30	20.10	20.37	20.30			15	16QAM	36	20	20.06	20.24	20.16	20.32			15	16QAM
15	16QAM	36	39	19.31	19.34	19.15	19.28	20	0	15	16QAM	36	39	20.20	20.14	20.59	20.27	21	2	15	16QAM	36	39	20.15	20.25	20.17	20.27	21	2		
15	16QAM	75	0	19.29	19.33	19.20	19.23			15	16QAM	75	0	20.32	20.14	20.39	20.37			15	16QAM	75	0	20.09	20.16	20.22	20.32			15	16QAM
15	64QAM	1	0	19.21	19.22	19.21	19.29	20	0	15	64QAM	1	0	20.50	20.01	20.35	20.26	21	2	15	64QAM	1	0	19.79	19.74	19.81	20.00	21	2		
15	64QAM	1	37	19.19	19.33	19.30	19.19			15	64QAM	1	37	20.35	20.07	20.44	20.30			15	64QAM	1	37	19.74	19.83	19.82	19.83			15	64QAM
15	64QAM	1	74	19.28	19.26	19.28	19.27	20	0	15	64QAM	1	74	20.35	20.16	20.41	20.35	21	2	15	64QAM	1	74	19.80	19.94	19.86	19.88	21	2		
15	64QAM	36	0	19.24	19.21	19.19	19.25			15	64QAM	36	0	19.55	19.19	19.48	19.31			15	64QAM	36	0	19.11	19.19	19.30	19.41			15	64QAM
15	64QAM	36	20	19.25	19.33	19.14	19.34	20	0	15	64QAM	36	20	19.45	19.17	19.45	19.20	21	3	15	64QAM	36	20	19.17	19.33	19.19	19.34	20	3		
15	64QAM	36	39	19.25	19.22	19.27	19.36			15	64QAM	36	39	19.48	19.05	19.36	19.28			15	64QAM	36	39	18.92	19.18	19.07	19.35			15	64QAM
15	64QAM	75	0	19.28	19.26	19.17	19.23	20	0	15	64QAM	75	0	19.43	19.12	19.35	19.30	21	3	15	64QAM	75	0	19.25	19.27	19.31	19.30	20	3		
Channel										Channel										Channel											
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)											
10	QPSK	1	0	19.42	19.31	19.33	19.36	20	0	10	QPSK	1	0	22.47	22.20	22.49	22.37	23	0	10	QPSK	1	0	22.21	22.21	22.17	22.32	23	0		
10	QPSK	1	25	19.40	19.19	19.17	19.25																								

Part 96_Band 48_Ant 7											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Low Middle Ch./ Freq.	Power High Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				55340	55830	56150	55640	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3560	3609	3641	3690				
20	QPSK	1	0	23.36	23.07	23.27	23.18	24.5	0		
20	QPSK	1	49	23.25	22.97	23.23	23.10				
20	QPSK	1	99	23.22	22.97	23.24	23.07				
20	QPSK	50	0	22.35	22.14	22.22	22.22				
20	QPSK	50	24	22.27	22.02	22.11	22.16	23.5	1		
20	QPSK	50	50	22.29	22.10	22.17	22.10				
20	QPSK	100	0	22.33	22.09	22.09	22.17				
20	16QAM	1	49	22.24	22.07	22.08	22.12				
20	16QAM	1	99	22.31	22.01	22.21	22.18	23.5	1		
20	16QAM	1	99	22.22	22.06	22.14	22.14				
20	16QAM	50	0	21.28	21.03	21.17	21.15				
20	16QAM	50	24	21.17	20.91	21.06	21.11				
20	16QAM	50	50	21.23	21.00	21.07	21.03	22.5	2		
20	16QAM	100	0	21.26	20.88	21.05	21.13				
20	64QAM	1	0	21.25	20.91	21.07	21.02				
20	64QAM	1	99	21.14	20.97	21.02	21.14				
20	64QAM	1	99	21.22	20.95	21.02	21.10	22.5	2		
20	64QAM	50	0	20.33	20.09	20.20	20.19				
20	64QAM	50	24	20.31	19.96	20.13	20.13				
20	64QAM	50	50	20.21	19.97	20.07	20.07				
20	64QAM	100	0	20.26	19.98	20.07	20.15	21.5	3		
Channel				55315	55800	56160	55650				
Frequency (MHz)				3567.5	3609	3642	3692.5	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	23.27	22.94	23.13	23.04	24.5	0		
15	QPSK	1	37	23.16	22.89	23.15	22.96				
15	QPSK	1	74	23.07	22.89	23.11	22.92				
15	QPSK	36	0	22.28	22.13	22.20	22.20				
15	QPSK	36	20	22.14	21.90	22.07	22.02	23.5	1		
15	QPSK	36	39	22.21	22.00	22.06	22.00				
15	QPSK	75	0	22.30	22.04	22.00	22.07				
15	16QAM	1	0	22.17	22.03	21.95	22.08				
15	16QAM	1	37	22.26	21.96	22.19	22.04	23.5	1		
15	16QAM	1	74	22.19	21.94	22.02	22.07				
15	16QAM	36	0	21.18	20.91	21.16	21.14				
15	16QAM	36	20	21.05	20.79	21.05	21.09				
15	16QAM	36	39	21.15	20.96	20.97	20.96	22.5	2		
15	16QAM	75	0	21.21	20.97	20.94	20.90				
15	64QAM	1	0	21.14	20.77	20.94	20.93				
15	64QAM	1	37	21.01	20.83	21.00	21.13				
15	64QAM	1	74	21.15	20.91	20.92	21.08	22.5	2		
15	64QAM	36	0	20.26	19.97	20.06	20.16				
15	64QAM	36	20	20.26	19.81	20.11	20.00				
15	64QAM	36	39	20.15	19.91	19.94	20.06				
15	64QAM	75	0	20.18	19.95	19.97	20.08	21.5	3		
Channel				55300	55815	56170	55715				
Frequency (MHz)				3555	3607.5	3642.5	3695	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	0	23.28	22.98	23.20	23.12	24.5	0		
10	QPSK	1	25	23.19	22.83	23.11	23.05				
10	QPSK	1	49	23.07	22.83	23.23	22.97				
10	QPSK	25	0	22.24	22.11	22.08	22.12				
10	QPSK	25	12	22.15	21.93	22.04	22.02	23.5	1		
10	QPSK	25	25	22.23	22.04	22.13	21.96				
10	QPSK	50	0	22.30	21.98	21.97	22.10				
10	16QAM	1	0	22.16	21.92	22.06	22.01				
10	16QAM	1	25	22.15	21.97	22.07	22.04	23.5	1		
10	16QAM	1	49	22.10	22.05	22.07	22.11				
10	16QAM	25	0	21.24	20.92	21.07	21.00				
10	16QAM	25	12	21.07	20.77	20.96	21.05				
10	16QAM	25	25	21.14	20.91	21.02	20.95	22.5	2		
10	16QAM	50	0	21.22	20.81	20.99	21.03				
10	64QAM	1	0	21.17	20.81	20.97	20.90				
10	64QAM	1	25	20.99	20.90	20.89	21.13				
10	64QAM	1	49	21.19	20.88	20.97	21.09	21.5	3		
10	64QAM	25	0	20.30	19.94	20.08	20.07				
10	64QAM	25	12	20.22	19.92	20.01	19.98				
10	64QAM	25	25	20.12	19.92	19.96	19.92				
10	64QAM	50	0	20.18	19.84	19.97	20.02	Tune-up limit (dBm)	MPR (dB)		
Channel				55265	55810	56170	55715				
Frequency (MHz)				3552.5	3607	3643	3697.5				
5	QPSK	1	0	23.33	22.99	23.22	23.08	24.5	0		
5	QPSK	1	12	23.13	22.95	23.16	22.99				
5	QPSK	1	24	23.11	22.85	23.20	22.93				
5	QPSK	12	0	22.23	22.09	22.19	22.14				
5	QPSK	12	7	22.15	21.88	22.08	22.14	23.5	1		
5	QPSK	12	13	22.16	22.08	22.02	22.09				
5	QPSK	25	0	22.27	21.97	22.00	22.11				
5	16QAM	1	0	22.15	22.04	21.93	22.10				
5	16QAM	1	12	22.21	21.89	22.12	22.13	23.5	1		
5	16QAM	1	24	22.06	21.92	22.05	22.02				
5	16QAM	12	0	21.19	20.91	21.07	21.13				
5	16QAM	12	7	21.12	20.84	20.93	21.04				
5	16QAM	12	13	21.20	20.88	20.95	20.90	22.5	2		
5	16QAM	25	0	21.19	20.82	21.03	21.08				
5	64QAM	1	0	21.15	20.76	21.02	20.96				
5	64QAM	1	12	21.04	20.90	20.90	21.02				
5	64QAM	1	24	21.13	20.80	20.91	21.01	21.5	3		
5	64QAM	12	0	20.26	20.02	20.12	20.09				
5	64QAM	12	7	20.18	19.87	20.08	20.00				
5	64QAM	12	13	20.09	19.93	20.03	19.93				
5	64QAM	25	0	20.22	19.93	19.96	20.02				

Reduced Power Mode for EC116

GSM850_Ant 0	Burst Average Power (dBm)			Tuneup Limit (dBm)	Frame-Average Power (dBm)			Tuneup Limit (dBm)
	TX Channel	128	189		251	128	189	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8
GSM 1 Tx slot		32.35	32.41	32.49	33.50	23.35	23.41	23.49
GPRS 1 Tx slot		32.31	32.38	32.46	33.50	23.31	23.38	23.46
GPRS 2 Tx slots		30.42	30.43	30.58	31.50	24.42	24.43	24.58
GPRS 3 Tx slots		28.21	28.27	28.36	29.50	23.95	24.01	24.10
GPRS 4 Tx slots		27.12	27.23	27.21	28.50	24.12	24.23	24.21
EDGE 1 Tx slot		26.98	26.98	27.05	28.00	17.98	17.98	18.05
EDGE 2 Tx slots		25.82	25.85	25.96	27.00	19.82	19.85	19.96
EDGE 3 Tx slots		23.62	23.52	23.64	24.50	19.36	19.26	19.38
EDGE 4 Tx slots		22.31	22.46	22.57	23.50	19.31	19.46	19.57

GSM1900_Ant 1	Burst Average Power (dbm)			Tune-up	Frame-Average Power (dbm)			Tune-up
TX Channel	512	661	810	Limit (dbm)	512	661	810	Limit (dbm)
Frequency (MHz)	1850.2	1860	1869.8		1850.2	1860	1869.8	
GSM 1 Tx slot	29.26	29.56	29.51	30.50	20.26	20.56	20.51	21.50
GPRS 1 Tx slot	29.24	29.53	29.47	30.50	20.24	20.53	20.47	21.50
GPRS 2 Tx slots	27.42	27.72	27.77	28.50	21.42	21.72	21.77	22.50
GPRS 3 Tx slots	26.21	26.47	26.53	27.50	21.95	22.21	22.27	23.24
GPRS 4 Tx slots	24.98	25.14	25.32	26.50	21.98	22.14	22.32	23.50
EDGE 1 Tx slot	25.82	25.82	25.81	27.00	16.82	16.82	16.81	17.50
EDGE 2 Tx slots	24.49	24.71	24.65	26.00	16.49	16.71	16.65	20.00
EDGE 3 Tx slots	22.15	22.23	22.28	23.50	17.89	17.97	18.02	19.24
EDGE 4 Tx slots	20.87	20.82	21.05	22.00	17.87	17.82	18.05	19.00

GSM1900_Ant 4	Burst Average Power (dBm)				Tune-up Limit	Frame-Average Power (dBm)				Tune-up Limit
TX Channel	512 661 810				Limit (dBm)	512 661 810				Limit (dBm)
Frequency (MHz)	1850.2	1860	1869.8		(dBm)	1850.2	1860	1869.8		(dBm)
GPRS 1 Tx slot	27.19	27.30	27.31	28.00		18.19	18.30	18.31	19.00	
GPRS 2 Tx slots	25.47	25.52	25.62	26.00		18.19	18.30	18.31	19.00	
GPRS 3 Tx slots	24.22	24.31	24.43	25.00		19.47	19.52	19.62	20.00	
GPRS 4 Tx slots	22.96	23.03	23.08	24.00		19.96	20.05	20.17	20.74	
EDGE 1 Tx slot	23.20	23.31	23.34	24.50		14.20	14.31	14.34	15.50	
EDGE 2 Tx slots	21.81	22.04	22.12	23.50		15.81	15.96	16.04	16.74	
EDGE 3 Tx slots	19.58	19.66	19.72	21.00		15.32	15.40	15.46	16.74	
EDGE 4 Tx slots	18.21	18.38	18.34	19.50		15.21	15.38	15.34	16.50	

Band		WCDMA II_Ant-1			Tune-up Limit (dBm)	WCDMA IV_Ant-1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.89	19.85	19.96	21.00	23.82	23.85	23.79	25.00
3GPP Rel 99	RMTC 12.2Kbps	19.97	20.05	20.02	21.00	23.87	23.93	23.84	25.00
3GPP Rel 6	HSDPA Subtest-1	18.98	19.11	19.19	20.00	23.08	23.18	23.15	24.00
3GPP Rel 6	HSDPA Subtest-2	18.92	19.01	19.15	20.00	23.01	23.13	23.11	24.00
3GPP Rel 6	HSDPA Subtest-3	18.50	18.48	18.70	19.50	22.60	22.69	22.64	23.50
3GPP Rel 6	HSDPA Subtest-4	18.52	18.51	18.73	19.50	22.53	22.62	22.57	23.50
3GPP Rel 6	DC-HSDPA Subtest-1	18.87	19.04	19.14	20.00	22.96	23.07	23.01	24.00
3GPP Rel 6	DC-HSDPA Subtest-2	18.96	18.96	19.12	20.00	22.87	23.04	23.06	24.00
3GPP Rel 6	DC-HSDPA Subtest-3	18.47	18.56	18.59	19.50	22.55	22.55	22.62	23.50
3GPP Rel 6	DC-HSDPA Subtest-4	18.44	18.52	18.57	19.50	22.51	22.48	22.48	23.50
3GPP Rel 6	HSUPA Subtest-1	17.12	17.11	17.06	18.00	21.07	21.15	21.19	22.00
3GPP Rel 6	HSUPA Subtest-2	17.06	17.08	17.14	18.00	21.11	21.21	21.20	22.00
3GPP Rel 6	HSUPA Subtest-3	18.11	18.05	18.20	19.00	22.09	22.20	22.20	23.00
3GPP Rel 6	HSUPA Subtest-4	16.65	16.66	16.67	18.00	20.57	20.69	20.68	22.00
3GPP Rel 6	HSUPA Subtest-5	18.12	18.15	18.09	20.00	22.10	22.20	22.20	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.90	17.08	17.06	18.50	21.19	21.26	21.23	22.50

Band		WCDMA II_Ant-4			Tune-up Limit (dBm)	WCDMA IV_Ant-4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.91	18.91	18.89	20.00	19.75	19.77	19.73	21.00
3GPP Rel 99	RMTC 12.2Kbps	18.93	18.96	18.97	20.00	19.84	19.90	19.93	21.00
3GPP Rel 6	HSDPA Subtest-1	18.12	18.35	18.36	19.00	19.16	19.18	19.23	20.00
3GPP Rel 6	HSDPA Subtest-2	18.24	18.35	18.26	19.00	19.00	19.12	19.14	20.00
3GPP Rel 6	HSDPA Subtest-3	17.62	17.73	17.83	18.50	18.55	18.60	18.61	19.50
3GPP Rel 6	HSDPA Subtest-4	17.66	17.71	17.90	18.50	18.56	18.60	18.65	19.50
3GPP Rel 6	DC-HSDPA Subtest-1	17.98	18.11	18.22	19.00	19.06	18.96	19.05	20.00
3GPP Rel 6	DC-HSDPA Subtest-2	18.11	18.18	18.16	19.00	18.91	18.93	19.11	20.00
3GPP Rel 6	DC-HSDPA Subtest-3	17.61	17.65	17.79	18.50	18.35	18.53	18.48	19.50
3GPP Rel 6	DC-HSDPA Subtest-4	17.51	17.70	17.67	18.50	18.53	18.35	18.56	19.50
3GPP Rel 6	HSUPA Subtest-1	16.28	16.30	16.30	17.00	16.79	17.17	17.12	18.00
3GPP Rel 6	HSUPA Subtest-2	16.27	16.29	16.42	17.00	16.82	17.10	17.13	18.00
3GPP Rel 6	HSUPA Subtest-3	17.30	17.29	17.29	18.00	18.04	18.06	18.10	19.00
3GPP Rel 6	HSUPA Subtest-4	15.83	15.80	15.87	17.00	15.59	16.67	16.80	18.00
3GPP Rel 6	HSUPA Subtest-5	17.21	17.32	17.48	19.00	18.19	18.20	18.13	20.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.10	16.18	16.10	17.50	17.01	17.12	17.04	18.50

Band		WCDMA V_Ant-0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.80	23.87	23.83	25.00
3GPP Rel 99	RMTC 12.2Kbps	23.84	23.95	23.91	25.00
3GPP Rel 6	HSDPA Subtest-1	22.96	22.94	22.92	24.00
3GPP Rel 6	HSDPA Subtest-2	22.89	23.06	22.96	24.00
3GPP Rel 6	HSDPA Subtest-3	22.53	22.61	22.55	23.50
3GPP Rel 6	HSDPA Subtest-4	22.38	22.56	22.51	23.50
3GPP Rel 6	DC-HSDPA Subtest-1	22.84	22.90	22.91	24.00
3GPP Rel 6	DC-HSDPA Subtest-2	22.83	22.99	22.89	24.00
3GPP Rel 6	DC-HSDPA Subtest-3	22.47	22.51	22.41	23.50
3GPP Rel 6	DC-HSDPA Subtest-4	22.31	22.46	22.41	23.50
3GPP Rel 6	HSUPA Subtest-1	20.90	20.94	20.97	22.00
3GPP Rel 6	HSUPA Subtest-2	20.95	20.98	20.98	22.00
3GPP Rel 6	HSUPA Subtest-3	21.94	21.97	21.98	23.00
3GPP Rel 6	HSUPA Subtest-4	20.45	20.43	20.56	22.00
3GPP Rel 6	HSUPA Subtest-5	22.30	22.10	22.00	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.82	20.89	20.88	22.50

GSM850_Ant 4	Burst Average Power (dbm)				Tune-up Limit	Frame-Average Power (dbm)				Tuneup Limit (dbm)
Tx Channel	128	189	251			128	189	251		
Frequency (MHz)	824.2	836.4	848.8		(dBm)	824.2	836.4	848.8		
GSM 1 Tx slot	32.05	32.26	32.11			23.05	23.26	23.11	24.00	
GPRS 1 Tx slot	32.01	32.21	32.05			33.00	23.01	23.05	24.00	
GPRS 2 Tx slots	30.12	30.26	30.13			31.00	24.12	24.26	24.13	
GPRS 3 Tx slots	27.86	28.04	27.92			29.00	23.60	23.78	23.66	
GPRS 4 Tx slots	26.72	26.87	26.77			28.00	23.72	23.87	23.77	
EDGE 1 Tx slot	26.82	26.77	26.77			27.50	17.82	17.77	17.77	
EDGE 2 Tx slots	25.70	25.68	25.65			26.50	19.70	19.68	19.65	
EDGE 3 Tx slots	23.43	23.48	23.32			24.50	19.17	19.22	19.06	
EDGE 4 Tx slots	22.27	22.27	22.24			23.50	19.27	19.27	19.24	

GSM1900_Ant 2	Burst Average Power (dbm)			Tune-up	Frame-Average Power (dbm)			Tune-up
Tx Channel	512	661	810	Limit (dbm)	512	661	810	Limit (dbm)
Frequency (MHz)	1850.2	1860	1869.8	1850.2	1860	1869.8		
GSM 1 Tx slot	28.68	28.79	28.74	30.50	20.68	20.79	20.74	21.50
GPRS 1 Tx slot	28.66	28.77	28.73	30.50	20.66	20.77	20.73	21.50
GPRS 2 Tx slots	27.78	27.86	27.90	28.50	21.78	21.86	21.90	22.50
GPRS 3 Tx slots	26.58	26.68	26.65	27.50	22.32	22.42	22.39	23.24
GPRS 4 Tx slots	25.27	25.35	25.38	26.50	22.27	22.35	22.38	23.50
EDGE 1 Tx slot	25.99	26.14	26.06	27.00	16.99	17.14	17.06	18.00
EDGE 2 Tx slots	24.78	24.88	24.84	26.00	16.78	16.88	16.84	17.25
EDGE 3 Tx slots	22.54	22.60	22.58	23.50	18.28	18.34	18.32	19.24
EDGE 4 Tx slots	21.26	21.31	21.29	22.00	18.26	18.31	18.29	19.00

Band		WCDMA II_Ant-2			Tune-up Limit (dBm)	WCDMA IV_Ant-2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.96	24.07	23.92	25.00	23.77	23.83	23.80	25.00
3GPP Rel 99	RMTC 12.2Kbps	24.05	24.10	24.03	25.00	23.82	23.90	23.88	25.00
3GPP Rel 6	HSDPA Subtest-1	23.20	23.32	23.26	24.00	23.18	23.16	23.08	24.00
3GPP Rel 6	HSDPA Subtest-2	23.23	23.30	23.25	24.00	23.15	23.14	23.11	24.00
3GPP Rel 6	HSDPA Subtest-3	22.78	22.78	22.80	23.50	22.71	22.67	22.66	23.50
3GPP Rel 6	HSDPA Subtest-4	22.74	22.79	22.77	23.50	22.70	22.62	22.65	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.11	23.24	23.25	24.00	23.07	23.13	23.00	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.17	23.15	23.13	24.00	23.14	23.12	23.06	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.74	22.76	22.66	23.50	22.56	22.65	22.61	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.62	22.68	22.70	23.50	22.63	22.55	22.50	23.50
3GPP Rel 6	HSUPA Subtest-1	21.25	21.32	21.28	22.00	21.02	20.87	20.83	22.00
3GPP Rel 6	HSUPA Subtest-2	21.19	21.35	21.31	22.00	21.03	20.94	20.80	22.00
3GPP Rel 6	HSUPA Subtest-3	22.29	22.20	22.24	23.00	21.84	21.88	21.81	23.00
3GPP Rel 6	HSUPA Subtest-4	20.78	20.75	20.80	22.00	20.37	20.44	20.33	22.00
3GPP Rel 6	HSUPA Subtest-5	22.20	22.40	22.30	24.00	22.02	22.11	22.08	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.11	21.25	21.16	22.50	20.98	21.01	20.86	22.50

Band 2_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	20.25	20.32	20.29	21.5	0		
20	QPSK	1	49	20.10	20.20	20.15				
20	QPSK	1	99	20.15	20.23	20.14				
20	QPSK	50	0	20.22	20.30	20.27	21.5	0		
20	QPSK	50	24	20.04	20.28	20.13				
20	QPSK	50	50	20.13	20.19	20.12				
20	QPSK	100	0	20.21	20.26	20.13	21.5	0		
20	16QAM	1	0	20.17	20.12	20.21				
20	16QAM	1	49	20.12	20.21	20.14				
20	16QAM	1	99	20.23	20.28	20.15	21.5	0		
20	16QAM	50	0	20.22	20.28	20.17				
20	16QAM	50	24	20.22	20.23	20.20				
20	16QAM	50	50	19.97	20.09	20.10	21.5	0		
20	16QAM	100	0	20.00	20.10	20.02				
20	64QAM	1	0	20.20	20.18	20.24				
20	64QAM	1	49	20.03	20.25	20.11	21.5	0		
20	64QAM	1	99	20.10	20.18	20.08				
20	64QAM	50	0	20.20	20.25	20.05				
20	64QAM	50	24	20.12	20.01	20.16	21.5	0		
20	64QAM	50	50	19.99	20.06	20.06				
20	64QAM	100	0	20.11	20.13	20.13				
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	18800	1902.5				
15	QPSK	1	0	20.22	20.22	20.18	21.5	0		
15	QPSK	1	37	19.99	20.17	20.04				
15	QPSK	1	74	20.13	20.14	20.06				
15	QPSK	36	0	20.15	20.22	20.24	21.5	0		
15	QPSK	36	20	20.03	20.13	20.05				
15	QPSK	36	39	20.11	20.04	20.03				
15	QPSK	75	0	20.13	20.10	20.12	21.5	0		
15	16QAM	1	0	20.14	20.09	20.13				
15	16QAM	1	37	20.00	20.13	20.01				
15	16QAM	1	74	20.08	20.14	20.10	21.5	0		
15	16QAM	36	0	20.07	20.14	20.13				
15	16QAM	36	20	20.10	20.21	20.12				
15	16QAM	36	39	19.85	19.98	20.06	21.5	0		
15	16QAM	75	0	19.95	20.06	20.00				
15	64QAM	1	0	20.05	20.11	20.17				
15	64QAM	1	37	20.01	20.17	20.00	21.5	0		
15	64QAM	1	74	20.03	20.07	19.95				
15	64QAM	36	0	20.10	20.16	20.02				
15	64QAM	36	20	20.11	19.94	20.02	21.5	0		
15	64QAM	36	39	19.87	20.00	20.02				
15	64QAM	75	0	20.08	20.08	20.11				
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	0	20.24	20.24	20.21	21.5	0		
10	QPSK	1	25	20.01	20.07	20.05				
10	QPSK	1	49	20.06	20.18	20.10				
10	QPSK	25	0	20.17	20.16	20.14	21.5	0		
10	QPSK	25	12	19.93	20.15	19.98				
10	QPSK	25	25	20.10	20.07	20.07				
10	QPSK	50	0	20.08	20.21	20.01	21.5	0		
10	16QAM	1	0	20.09	20.09	20.18				
10	16QAM	1	25	20.09	20.20	20.05				
10	16QAM	1	49	20.08	20.17	20.02	21.5	0		
10	16QAM	25	0	20.21	20.19	20.06				
10	16QAM	25	12	20.18	20.19	20.11				
10	16QAM	25	25	19.85	20.04	20.06	21.5	0		
10	16QAM	50	0	19.93	20.01	19.87				
10	64QAM	1	0	20.17	20.03	20.23				
10	64QAM	1	25	19.96	20.11	20.10	21.5	0		
10	64QAM	1	49	19.86	20.16	19.95				
10	64QAM	25	0	20.18	20.16	19.97				
10	64QAM	25	12	20.09	19.93	20.04	21.5	0		
10	64QAM	25	25	19.87	20.00	20.03				
10	64QAM	50	0	20.02	19.98	20.05				
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	0	20.24	20.18	20.16	21.5	0		
5	QPSK	1	12	20.02	20.12	20.13				
5	QPSK	1	24	20.09	20.21	20.02				
5	QPSK	12	0	20.21	20.21	20.18	21.5	0		
5	QPSK	12	7	20.00	20.26	20.03				
5	QPSK	12	13	20.00	20.07	20.04				
5	QPSK	25	0	20.18	20.24	20.10	21.5	0		
5	16QAM	1	0	20.13	20.08	20.06				
5	16QAM	1	12	19.97	20.09	20.09				
5	16QAM	1	24	20.08	20.19	20.06	21.5	0		
5	16QAM	12	0	20.07	20.23	20.16				
5	16QAM	12	7	20.08	20.15	20.07				
5	16QAM	12	13	19.94	20.08	20.08	21.5	0		
5	16QAM	25	0	19.92	20.04	19.98				
5	64QAM	1	0	20.12	20.05	20.20				
5	64QAM	1	12	20.02	20.11	20.02	21.5	0		
5	64QAM	1	24	20.08	20.10	19.99				
5	64QAM	12	0	20.13	20.16	20.02				
5	64QAM	12	7	20.05	19.88	20.14	21.5	0		
5	64QAM	12	13	19.84	19.91	20.03				
5	64QAM	25	0	19.97	20.07	20.08				
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1851.5	1880	1908.5				
3	QPSK	1	0	20.21	20.25	20.21	21.5	0		
3	QPSK	1	8	20.09	20.17	20.12				
3	QPSK	1	14	20.05	20.15	20.11				
3	QPSK	8	0	20.07	20.22	20.24	21.5	0		
3	QPSK	8	4	19.94	20.23	19.99				
3	QPSK	8	7	20.09	20.19	20.09				
3	QPSK	15	0	20.16	20.15	19.99	21.5	0		
3	16QAM	1	0	20.13	20.11	20.07				
3	16QAM	1	8	20.08	20.07	20.05				
3	16QAM	1	14	20.22	20.25	20.10	21.5	0		
3	16QAM	8	0	20.21	20.13	20.06				
3	16QAM	8	4	20.10	20.16	20.09				
3	16QAM	8	7	19.93	19.94	20.00	21.5	0		
3	16QAM	15	0	19.93	20.00	19.93				
3	64QAM	1	0	20.16	20.14	20.10				
3	64QAM	1	8	19.95	20.17	19.96	21.5	0		
3	64QAM	1	14	19.95	20.04	20.06				
3	64QAM	8	0	20.16	20.10	19.96				
3	64QAM	8	4	20.06	19.98	20.08	21.5	0		
3	64QAM	8	7	19.89	19.91	19.96				
3	64QAM	15	0	20.08	20.00	20.11				
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	18800	1903.3				
1.4	QPSK	1	0	20.14	20.26	20.28	21.5	0		
1.4	QPSK	1	3	20.07	20.16	20.05				
1.4	QPSK	1	3	20.01	20.15	20.04				
1.4	QPSK	3	0	20.20	20.21	20.26	21.5	0		
1.4	QPSK	3	1	20.01	20.25	20.21				
1.4	QPSK	3	3	19.99	20.18	20.02				
1.4	QPSK	6	0	20.19	20.24	19.98	21.5	0		
1.4	16QAM	1	0	20.16	19.97	20.09				
1.4	16QAM	1	3	20.04	20.06	20.05				
1.4	16QAM	1	5	20.19	20.23	20.03	21.5	0		
1.4	16QAM	3	0	20.12	20.16	20.17				
1.4	16QAM	3	1	20.16	20.19	20.12				
1.4	16QAM	3	3	19.90	20.08	20.04	21.5	0		
1.4	64QAM	1	0	19.95	20.03	19.97				
1.4	64QAM	1	3	19.92	20.23	20.11				
1.4	64QAM	1	5	19.98	20.12	19.94	21.5	0		
1.4	64QAM	3	0	20.13	20.16	19.97				
1.4	64QAM	3	3	20.02	19.97	20.13				
1.4	64QAM	3	3	19.94	19.99	19.91	21.5	0		
1.4	64QAM	6	0	19.99	20.01	20.10				

Band 4_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	23.25	23.30	23.27	24.5	0	
20	QPSK	1	49	23.22	23.26	23.20			
20	QPSK	1	99	23.11	23.15	23.22			
20	QPSK	50	0	22.29	22.31	22.27	23.5	1	
20	QPSK	50	24	22.27	22.22	22.25			
20	QPSK	50	50	22.21	22.19	22.26			
20	QPSK	100	0	22.24	22.29	22.26	23.5	1	
20	16QAM	1	49	22.52	22.53	22.49			
20	16QAM	1	99	22.53	22.51	22.48			
20	16QAM	1	49	22.44	22.36	22.50	22.5	2	
20	16QAM	50	0	21.23	21.20	21.21			
20	16QAM	50	24	21.26	21.19	21.26			
20	16QAM	50	50	21.22	21.20	21.26	22.5	2	
20	16QAM	100	0	21.22	21.18	21.24			
20	64QAM	1	0	21.34	21.45	21.41			
20	64QAM	1	49	21.42	21.43	21.46	22.5	2	
20	64QAM	1	99	21.27	21.25	21.42			
20	64QAM	50	0	20.24	20.22	20.21			
20	64QAM	50	24	20.27	20.21	20.27	21.5	3	
20	64QAM	50	50	20.21	20.19	20.27			
20	64QAM	100	0	20.23	20.19	20.25			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	23.15	23.16	23.22	24.5	0	
15	QPSK	1	37	23.09	23.16	23.13			
15	QPSK	1	74	23.10	23.03	23.12			
15	QPSK	36	0	22.22	22.17	22.17	23.5	1	
15	QPSK	36	20	22.12	22.19	22.24			
15	QPSK	36	39	22.11	22.06	22.15			
15	QPSK	75	0	22.09	22.21	22.25	23.5	1	
15	16QAM	1	0	22.49	22.41	22.34			
15	16QAM	1	37	22.39	22.49	22.40			
15	16QAM	1	74	22.40	22.30	22.42	22.5	2	
15	16QAM	36	0	21.12	21.05	21.15			
15	16QAM	36	20	21.16	21.05	21.19			
15	16QAM	36	39	21.09	21.13	21.13	22.5	2	
15	16QAM	75	0	21.13	21.10	21.20			
15	64QAM	1	0	21.27	21.39	21.28			
15	64QAM	1	37	21.30	21.38	21.37	22.5	2	
15	64QAM	1	74	21.13	21.21	21.33			
15	64QAM	36	0	20.17	20.18	20.07			
15	64QAM	36	20	20.26	20.20	20.26	21.5	3	
15	64QAM	36	39	20.11	20.05	20.21			
15	64QAM	75	0	20.20	20.08	20.20			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	23.14	23.18	23.18	24.5	0	
10	QPSK	1	25	23.07	23.12	23.19			
10	QPSK	1	49	23.06	23.07	23.19			
10	QPSK	25	0	22.16	22.21	22.21	23.5	1	
10	QPSK	25	12	22.14	22.11	22.10			
10	QPSK	25	25	22.14	22.14	22.18			
10	QPSK	50	0	22.18	22.14	22.14	23.5	1	
10	16QAM	1	0	22.39	22.43	22.38			
10	16QAM	1	25	22.51	22.47	22.42			
10	16QAM	1	49	22.37	22.34	22.47	22.5	2	
10	16QAM	25	0	21.18	21.19	21.07			
10	16QAM	25	12	21.15	21.09	21.17			
10	16QAM	25	25	21.07	21.13	21.25	22.5	2	
10	16QAM	50	0	21.17	21.14	21.20			
10	64QAM	1	0	21.25	21.33	21.30			
10	64QAM	1	25	21.38	21.36	21.40	22.5	2	
10	64QAM	1	49	21.17	21.13	21.29			
10	64QAM	25	0	20.13	20.08	20.06			
10	64QAM	25	12	20.23	20.07	20.25	21.5	3	
10	64QAM	25	25	20.12	20.07	20.21			
10	64QAM	50	0	20.15	20.05	20.19			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	23.18	23.18	23.24	24.5	0	
5	QPSK	1	12	23.09	23.18	23.24			
5	QPSK	1	24	23.06	23.00	23.10			
5	QPSK	12	0	22.14	22.24	22.16	23.5	1	
5	QPSK	12	7	22.20	22.16	22.21			
5	QPSK	12	13	22.18	22.15	22.24			
5	QPSK	25	0	22.23	22.28	22.14	23.5	1	
5	16QAM	1	0	22.40	22.41	22.35			
5	16QAM	1	12	22.50	22.37	22.34			
5	16QAM	1	24	22.33	22.35	22.45	22.5	2	
5	16QAM	12	0	21.17	21.07	21.16			
5	16QAM	12	7	21.17	21.07	21.21			
5	16QAM	12	13	21.16	21.07	21.25	22.5	2	
5	16QAM	25	0	21.13	21.05	21.09			
5	64QAM	1	0	21.20	21.39	21.40			
5	64QAM	1	12	21.31	21.36	21.45	22.5	2	
5	64QAM	1	24	21.25	21.11	21.33			
5	64QAM	12	0	20.14	20.20	20.14			
5	64QAM	12	7	20.16	20.11	20.14	21.5	3	
5	64QAM	12	13	20.13	20.16	20.25			
5	64QAM	25	0	20.11	20.11	20.23			
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	23.14	23.15	23.20	24.5	0	
3	QPSK	1	8	23.15	23.21	23.11			
3	QPSK	1	14	22.97	23.07	23.16			
3	QPSK	8	0	22.18	22.20	22.12	23.5	1	
3	QPSK	8	4	22.25	22.18	22.12			
3	QPSK	8	7	22.19	22.18	22.12			
3	QPSK	15	0	22.09	22.27	22.24	23.5	1	
3	16QAM	1	0	22.45	22.40	22.45			
3	16QAM	1	8	22.45	22.47	22.40			
3	16QAM	1	14	22.33	22.22	22.46	22.5	2	
3	16QAM	8	0	21.21	21.08	21.10			
3	16QAM	8	4	21.22	21.10	21.15			
3	16QAM	8	7	21.07	21.09	21.15	22.5	2	
3	16QAM	15	0	21.08	21.06	21.12			
3	64QAM	1	0	21.30	21.43	21.29			
3	64QAM	1	8	21.36	21.29	21.40	22.5	2	
3	64QAM	1	14	21.13	21.12	21.38			
3	64QAM	8	0	20.18	20.15	20.13			
3	64QAM	8	4	20.12	20.13	20.13	21.5	3	
3	64QAM	8	7	20.07	20.04	20.18			
3	64QAM	15	0	20.08	20.08	20.10			
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	23.15	23.22	23.17	24.5	0	
1.4	QPSK	1	3	23.20	23.23	23.16			
1.4	QPSK	1	5	22.98	23.12	23.18			
1.4	QPSK	3	0	23.14	23.25	23.25	23.5	1	
1.4	QPSK	3	1	23.07	23.24	23.19			
1.4	QPSK	3	3	23.01	23.08	23.21			
1.4	QPSK	6	0	22.12	22.26	22.12	23.5	1	
1.4	16QAM	1	0	22.40	22.38	22.36	23.5	1	
1.4	16QAM	1	3	22.48	22.39	22.38			
1.4	16QAM	1	5	22.40	22.35	22.45			
1.4	16QAM	3	0	22.38	22.42	22.39	22.5	2	
1.4	16QAM	3	1	22.51	22.40	22.47			
1.4	16QAM	3	3	22.43	22.30	22.46			
1.4	64QAM	1	0	21.23	21.38	21.36	22.5	2	
1.4	64QAM	1	3	21.29	21.37	21.41			
1.4	64QAM	1	5	21.16	21.13	21.36			
1.4	64QAM	3	0	21.22	21.43	21.26	22.5	2	
1.4	64QAM	3	1	21.40	21.28	21.30			
1.4	64QAM	3	3	21.21	21.17	21.35			
1.4	64QAM	6	0	20.16	20.11	20.22	21.5	3	

Band 5_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.76	23.87	23.86	25	0		
10	QPSK	1	25	23.66	23.74	23.53				
10	QPSK	1	49	23.70	23.82	23.74				
10	QPSK	25	0	22.64	22.77	22.74	24	1		
10	QPSK	25	12	22.63	22.67	22.72				
10	QPSK	25	25	22.63	22.69	22.70				
10	QPSK	50	0	22.67	22.75	22.73	24	1		
10	16QAM	1	0	22.74	22.93	22.97				
10	16QAM	1	25	22.74	22.74	23.02				
10	16QAM	1	49	22.71	23.00	22.97	23	2		
10	16QAM	25	0	21.66	21.63	21.74				
10	16QAM	25	12	21.60	21.71	21.69				
10	16QAM	25	25	21.60	21.78	21.71	23	2		
10	16QAM	50	0	21.62	21.73	21.71				
10	64QAM	1	0	21.93	22.06	21.96				
10	64QAM	1	25	21.85	21.77	21.95	23	2		
10	64QAM	1	49	21.84	21.98	21.81				
10	64QAM	25	0	20.60	20.73	20.66				
10	64QAM	25	12	20.52	20.62	20.69	22	3		
10	64QAM	25	25	20.66	20.68	20.81				
10	64QAM	50	0	20.63	20.68	20.74				
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	23.75	23.85	23.83	25	0		
5	QPSK	1	12	23.54	23.73	23.39				
5	QPSK	1	24	23.65	23.77	23.62				
5	QPSK	12	0	22.60	22.72	22.61	24	1		
5	QPSK	12	7	22.51	22.56	22.71				
5	QPSK	12	13	22.55	22.62	22.62				
5	QPSK	25	0	22.56	22.62	22.62	24	1		
5	16QAM	1	0	22.67	22.80	22.91				
5	16QAM	1	12	22.61	22.62	22.93				
5	16QAM	1	24	22.67	22.90	22.86	23	2		
5	16QAM	12	0	21.65	21.54	21.72				
5	16QAM	12	7	21.56	21.64	21.65				
5	16QAM	12	13	21.57	21.73	21.70	23	2		
5	16QAM	25	0	21.61	21.66	21.58				
5	64QAM	1	0	21.89	22.01	21.87				
5	64QAM	1	12	21.75	21.69	21.94	23	2		
5	64QAM	1	24	21.72	21.93	21.76				
5	64QAM	12	0	20.49	20.67	20.60				
5	64QAM	12	7	20.46	20.50	20.58	22	3		
5	64QAM	12	13	20.57	20.55	20.72				
5	64QAM	25	0	20.68	20.62	20.74				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	23.74	23.81	23.76	25	0		
3	QPSK	1	8	23.52	23.66	23.39				
3	QPSK	1	14	23.61	23.69	23.70				
3	QPSK	8	0	22.57	22.76	22.71	24	1		
3	QPSK	8	4	22.62	22.59	22.69				
3	QPSK	8	7	22.60	22.61	22.69				
3	QPSK	15	0	22.59	22.73	22.64	24	1		
3	16QAM	1	0	22.62	22.89	22.88				
3	16QAM	1	8	22.72	22.68	22.97				
3	16QAM	1	14	22.68	22.88	22.91	23	2		
3	16QAM	8	0	21.65	21.57	21.63				
3	16QAM	8	4	21.48	21.63	21.63				
3	16QAM	8	7	21.59	21.64	21.64	23	2		
3	16QAM	15	0	21.53	21.61	21.56				
3	64QAM	1	0	21.80	21.95	21.95				
3	64QAM	1	8	21.78	21.69	21.88	23	2		
3	64QAM	1	14	21.70	21.85	21.70				
3	64QAM	8	0	20.49	20.66	20.51				
3	64QAM	8	4	20.42	20.48	20.57	22	3		
3	64QAM	8	7	20.63	20.65	20.73				
3	64QAM	15	0	20.68	20.59	20.65				
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.69	23.72	23.84	25	0		
1.4	QPSK	1	3	23.51	23.71	23.45				
1.4	QPSK	1	5	23.57	23.77	23.65				
1.4	QPSK	3	0	23.71	23.80	23.85	24	1		
1.4	QPSK	3	1	23.63	23.68	23.45				
1.4	QPSK	3	3	23.69	23.70	23.73				
1.4	QPSK	6	0	22.58	22.61	22.65	24	1		
1.4	16QAM	1	0	22.73	22.91	22.88				
1.4	16QAM	1	3	22.64	22.59	23.00				
1.4	16QAM	1	5	22.66	22.86	22.84	24	1		
1.4	16QAM	3	0	22.73	22.86	22.87				
1.4	16QAM	3	1	22.64	22.71	23.01				
1.4	16QAM	3	3	22.59	22.88	22.86	23	2		
1.4	16QAM	6	0	21.57	21.64	21.67				
1.4	64QAM	1	0	21.92	21.93	21.87				
1.4	64QAM	1	3	21.82	21.73	21.92	23	2		
1.4	64QAM	1	5	21.80	21.92	21.80				
1.4	64QAM	3	0	21.49	21.75	21.69				
1.4	64QAM	3	1	21.53	21.69	21.70	22	3		
1.4	64QAM	3	3	21.98	21.99	21.97				
1.4	64QAM	6	0	20.60	20.59	20.77				

Band 5_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.63	23.66	23.64	25	0	
10	QPSK	1	25	23.49	23.44	23.50			
10	QPSK	1	49	23.47	23.61	23.57			
10	QPSK	25	0	22.59	22.63	22.55	24	1	
10	QPSK	25	12	22.54	22.49	22.50			
10	QPSK	25	25	22.55	22.56	22.47			
10	QPSK	50	0	22.56	22.60	22.52	24	1	
10	16QAM	1	0	22.85	23.05	22.80			
10	16QAM	1	25	22.71	22.81	23.01			
10	16QAM	1	49	22.88	22.87	22.93	23	2	
10	16QAM	25	0	21.57	21.47	21.60			
10	16QAM	25	12	21.62	21.42	21.64			
10	16QAM	25	25	21.61	21.48	21.62	23	2	
10	16QAM	50	0	21.61	21.46	21.61			
10	64QAM	1	0	21.75	21.87	21.80			
10	64QAM	1	25	21.76	21.60	21.66	23	2	
10	64QAM	1	49	21.62	21.68	21.64			
10	64QAM	25	0	20.60	20.51	20.61			
10	64QAM	25	12	20.40	20.48	20.48	22	3	
10	64QAM	25	25	20.52	20.58	20.52			
10	64QAM	50	0	20.51	20.50	20.61			
Channel				20425	20505	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.51	23.64	23.58	25	0	
5	QPSK	1	12	23.41	23.42	23.42			
5	QPSK	1	24	23.32	23.59	23.52			
5	QPSK	12	0	22.48	22.58	22.40	24	1	
5	QPSK	12	7	22.52	22.46	22.45			
5	QPSK	12	13	22.40	22.39	22.33			
5	QPSK	25	0	22.54	22.57	22.48	24	1	
5	16QAM	1	0	22.84	23.03	22.96			
5	16QAM	1	12	22.58	22.71	22.60			
5	16QAM	1	24	22.80	22.84	22.92	23	2	
5	16QAM	12	0	21.49	21.46	21.53			
5	16QAM	12	7	21.58	21.30	21.51			
5	16QAM	12	13	21.53	21.41	21.63	23	2	
5	16QAM	25	0	21.58	21.39	21.58			
5	64QAM	1	0	21.63	21.81	21.75			
5	64QAM	1	12	21.61	21.56	21.64	23	2	
5	64QAM	1	24	21.48	21.59	21.85			
5	64QAM	12	0	20.40	20.40	20.48			
5	64QAM	12	7	20.34	20.36	20.36	22	3	
5	64QAM	12	13	20.40	20.56	20.41			
5	64QAM	25	0	20.42	20.50	20.55			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	23.54	23.64	23.61	25	0	
3	QPSK	1	8	23.35	23.41	23.40			
3	QPSK	1	14	23.44	23.53	23.48			
3	QPSK	8	0	22.53	22.61	22.42	24	1	
3	QPSK	8	4	22.43	22.44	22.40			
3	QPSK	8	7	22.41	22.52	22.40			
3	QPSK	15	0	22.54	22.56	22.44	24	1	
3	16QAM	1	0	22.80	22.93	22.73			
3	16QAM	1	8	22.70	22.78	22.89			
3	16QAM	1	14	22.77	22.83	22.83	23	2	
3	16QAM	8	0	21.53	21.37	21.46			
3	16QAM	8	7	21.57	21.31	21.53			
3	16QAM	8	13	21.53	21.37	21.56	23	2	
3	16QAM	15	0	21.59	21.31	21.47			
3	64QAM	1	0	21.63	21.78	21.79			
3	64QAM	1	8	21.65	21.53	21.55	23	2	
3	64QAM	1	14	21.55	21.61	21.88			
3	64QAM	8	0	20.49	20.41	20.60			
3	64QAM	8	4	20.36	20.44	20.36	22	3	
3	64QAM	8	7	20.49	20.47	20.40			
3	64QAM	15	0	20.43	20.42	20.48			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.57	23.56	23.57	25	0	
1.4	QPSK	1	3	23.46	23.42	23.40			
1.4	QPSK	1	5	23.37	23.51	23.43			
1.4	QPSK	3	0	23.54	23.60	23.54	24	1	
1.4	QPSK	3	1	23.45	23.29	23.49			
1.4	QPSK	3	3	23.46	23.54	23.45			
1.4	QPSK	6	0	22.43	22.47	22.39	24	1	
1.4	16QAM	1	0	22.78	22.99	22.67			
1.4	16QAM	1	3	22.40	22.87	22.89			
1.4	16QAM	1	5	22.87	22.79	22.87	24	1	
1.4	16QAM	3	0	22.80	23.02	22.79			
1.4	16QAM	3	1	22.66	22.79	22.90			
1.4	16QAM	3	3	22.74	22.72	22.86	23	2	
1.4	16QAM	6	0	21.50	21.37	21.58			
1.4	64QAM	1	0	21.71	21.77	21.67			
1.4	64QAM	1	3	21.62	21.53	21.63	23	2	
1.4	64QAM	1	5	21.57	21.67	21.53			
1.4	64QAM	3	0	21.61	21.85	21.68			
1.4	64QAM	3	1	21.63	21.59	21.57	22	3	
1.4	64QAM	3	3	21.60	21.54	21.91			
1.4	64QAM	6	0	20.45	20.42	20.50			

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.75	23.86	23.77	24.5	0	
20	QPSK	1	49	23.69	23.77	23.70			
20	QPSK	1	99	23.72	23.85	23.71			
20	QPSK	50	0	22.73	22.79	22.76	23.5	1	
20	QPSK	50	24	22.66	22.74	22.73			
20	QPSK	50	50	22.69	22.77	22.71			
20	QPSK	100	0	22.67	22.73	22.69			
20	16QAM	1	0	22.82	22.90	22.95	23.5	1	
20	16QAM	1	49	22.88	22.91	22.85			
20	16QAM	1	99	22.79	23.10	23.13			
20	16QAM	50	0	21.59	21.79	21.72			
20	16QAM	50	24	21.66	21.75	21.69	22.5	2	
20	16QAM	50	50	21.74	21.75	21.71			
20	16QAM	100	0	21.66	21.73	21.71			
20	64QAM	1	0	21.80	22.06	22.05	22.5	2	
20	64QAM	1	49	21.77	21.91	21.85			
20	64QAM	1	99	21.80	21.93	22.13			
20	64QAM	50	0	20.61	20.76	20.76			
20	64QAM	50	24	20.68	20.82	20.71	21.5	3	
20	64QAM	50	50	20.71	20.80	20.70			
20	64QAM	100	0	20.65	20.76	20.72			
Channel				20925	21100	21315	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	23.67	23.79	23.76	24.5	0	
15	QPSK	1	37	23.59	23.65	23.69			
15	QPSK	1	74	23.64	23.70	23.67			
15	QPSK	36	0	22.67	22.70	22.67	23.5	1	
15	QPSK	36	20	22.65	22.66	22.71			
15	QPSK	36	39	22.66	22.69	22.70			
15	QPSK	75	0	22.58	22.75	22.60	23.5	1	
15	16QAM	1	0	22.67	22.86	22.88			
15	16QAM	1	37	22.83	22.80	22.76	22.5	2	
15	16QAM	1	74	22.70	23.03	23.11			
15	16QAM	36	0	21.50	21.71	21.64			
15	16QAM	36	20	21.61	21.63	21.60	22.5	2	
15	16QAM	36	39	21.62	21.68	21.58			
15	16QAM	75	0	21.60	21.71	21.59			
15	64QAM	1	0	21.69	22.05	22.01	22.5	2	
15	64QAM	1	37	21.73	21.89	21.73			
15	64QAM	1	74	21.67	21.78	22.06			
15	64QAM	36	0	20.57	20.69	20.62	21.5	3	
15	64QAM	36	20	20.58	20.81	20.56			
15	64QAM	36	39	20.56	20.77	20.69			
15	64QAM	75	0	20.51	20.74	20.62			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	23.65	23.79	23.72	24.5	0	
10	QPSK	1	25	23.64	23.69	23.63			
10	QPSK	1	49	23.64	23.70	23.70			
10	QPSK	25	0	22.62	22.66	22.72	23.5	1	
10	QPSK	25	12	22.57	22.67	22.64			
10	QPSK	25	25	22.64	22.63	22.69			
10	QPSK	50	0	22.54	22.73	22.64			
10	16QAM	1	0	22.75	22.80	22.88	23.5	1	
10	16QAM	1	25	22.80	22.88	22.77			
10	16QAM	1	49	22.75	23.08	23.05			
10	16QAM	25	0	21.52	21.73	21.65			
10	16QAM	25	12	21.56	21.64	21.57	22.5	2	
10	16QAM	25	25	21.62	21.67	21.68			
10	16QAM	50	0	21.51	21.67	21.70			
10	64QAM	1	0	21.72	21.98	21.90	22.5	2	
10	64QAM	1	25	21.67	21.81	21.84			
10	64QAM	1	49	21.67	21.81	22.04			
10	64QAM	25	0	20.48	20.74	20.74			
10	64QAM	25	12	20.65	20.73	20.69	21.5	3	
10	64QAM	25	25	20.60	20.72	20.62			
10	64QAM	50	0	20.62	20.72	20.65			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	23.60	23.85	23.65	24.5	0	
5	QPSK	1	12	23.57	23.74	23.62			
5	QPSK	1	24	23.66	23.84	23.68			
5	QPSK	12	0	22.62	22.68	22.67	23.5	1	
5	QPSK	12	7	22.62	22.59	22.72			
5	QPSK	12	13	22.63	22.66	22.59			
5	QPSK	25	0	22.56	22.65	22.65	23.5	1	
5	16QAM	1	0	22.73	22.81	22.89			
5	16QAM	1	12	22.75	22.84	22.72	22.5	2	
5	16QAM	1	24	22.74	22.99	22.99			
5	16QAM	12	0	21.55	21.65	21.67			
5	16QAM	12	7	21.57	21.64	21.58	22.5	2	
5	16QAM	12	13	21.61	21.67	21.65			
5	16QAM	25	0	21.52	21.62	21.60			
5	64QAM	1	0	21.70	22.04	21.98	22.5	2	
5	64QAM	1	12	21.64	21.82	21.77			
5	64QAM	1	24	21.70	21.88	22.01			
5	64QAM	12	0	20.59	20.64	20.62	21.5	3	
5	64QAM	12	7	20.57	20.68	20.67			
5	64QAM	12	13	20.62	20.75	20.57			
5	64QAM	25	0	20.62	20.73	20.68			

Band 7_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	20.05	20.06	19.96	21		0
20	QPSK	1	49	20.02	19.95	19.87			
20	QPSK	1	99	19.98	19.94	19.85			
20	QPSK	50	0	20.00	20.06	19.90	21		0
20	QPSK	50	24	19.96	19.85	19.79			
20	QPSK	50	50	19.89	20.02	19.79			
20	QPSK	100	0	19.87	19.96	19.84	21		0
20	16QAM	1	0	19.83	19.96	19.89			
20	16QAM	1	49	19.91	20.02	19.90			
20	16QAM	1	99	19.88	19.95	19.85	21		0
20	16QAM	50	0	19.85	19.86	19.87			
20	16QAM	50	24	19.89	20.03	19.81			
20	16QAM	50	50	20.01	19.85	19.92	21		0
20	16QAM	100	0	19.98	20.00	19.73			
20	64QAM	1	0	19.96	19.96	19.93			
20	64QAM	1	49	19.86	19.95	19.95	21		0
20	64QAM	1	99	20.00	20.03	19.85			
20	64QAM	50	0	19.92	20.03	19.78			
20	64QAM	50	24	19.96	20.00	19.96	21		0
20	64QAM	50	50	19.91	19.84	19.88			
20	64QAM	100	0	20.01	20.02	19.89			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	19.96	19.96	19.93	21		0
15	QPSK	1	37	19.90	19.81	19.73			
15	QPSK	1	74	19.94	19.89	19.79			
15	QPSK	36	0	19.88	19.93	19.65	21		0
15	QPSK	36	20	19.93	19.78	19.76			
15	QPSK	36	39	19.74	19.92	19.65			
15	QPSK	75	0	19.77	19.83	19.79	21		0
15	16QAM	1	0	19.73	19.87	19.81			
15	16QAM	1	37	19.80	19.88	19.83			
15	16QAM	1	74	19.73	19.89	19.78	21		0
15	16QAM	36	0	19.74	19.74	19.74			
15	16QAM	36	20	19.86	19.97	19.70			
15	16QAM	36	39	19.98	19.71	19.81	21		0
15	16QAM	75	0	19.82	19.86	19.80			
15	64QAM	1	0	19.82	19.81	19.80			
15	64QAM	1	37	19.84	19.87	19.83	21		0
15	64QAM	1	74	19.92	20.01	19.84			
15	64QAM	36	0	19.81	19.95	19.72			
15	64QAM	36	20	19.85	19.93	19.81	21		0
15	64QAM	36	39	19.79	19.69	19.75			
15	64QAM	75	0	19.90	19.97	19.78			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	19.90	20.00	19.92	21		0
10	QPSK	1	25	19.94	19.91	19.86			
10	QPSK	1	49	19.93	19.82	19.73			
10	QPSK	25	0	19.88	20.00	19.73	21		0
10	QPSK	25	12	19.81	19.75	19.66			
10	QPSK	25	25	19.77	19.90	19.76			
10	QPSK	50	0	19.81	19.95	19.79	21		0
10	16QAM	1	0	19.74	19.87	19.88			
10	16QAM	1	25	19.84	19.95	19.81			
10	16QAM	1	49	19.81	19.81	19.73	21		0
10	16QAM	25	0	19.70	19.94	19.73			
10	16QAM	25	12	19.81	19.73	19.67			
10	16QAM	25	25	19.97	19.73	19.78	21		0
10	16QAM	50	0	19.93	19.92	19.68			
10	64QAM	1	0	19.83	19.81	19.78			
10	64QAM	1	25	19.83	19.91	19.81	21		0
10	64QAM	1	49	19.90	19.91	19.75			
10	64QAM	25	0	19.81	19.91	19.77			
10	64QAM	25	12	19.86	19.93	19.81	21		0
10	64QAM	25	25	19.87	19.86	19.86			
10	64QAM	50	0	19.93	19.88	19.69			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	19.97	19.97	19.97	21		0
5	QPSK	1	12	20.00	19.92	19.81			
5	QPSK	1	24	19.95	19.91	19.84			
5	QPSK	12	0	19.96	19.94	19.75	21		0
5	QPSK	12	7	19.92	19.74	19.77			
5	QPSK	12	13	19.78	19.92	19.72			
5	QPSK	25	0	19.79	19.90	19.73	21		0
5	16QAM	1	0	19.86	19.97	19.87			
5	16QAM	1	12	19.88	19.91	19.80			
5	16QAM	1	24	19.87	19.89	19.81	21		0
5	16QAM	12	0	19.79	19.80	19.80			
5	16QAM	12	7	19.81	20.02	19.76			
5	16QAM	12	13	19.90	19.77	19.77	21		0
5	16QAM	25	0	19.84	19.91	19.63			
5	64QAM	1	0	19.90	19.83	19.92			
5	64QAM	1	12	19.74	19.94	19.84	21		0
5	64QAM	1	24	19.82	19.92	19.73			
5	64QAM	12	0	19.83	19.86	19.75			
5	64QAM	12	7	19.87	19.94	19.86	21		0
5	64QAM	12	13	19.82	19.83	19.80			
5	64QAM	25	0	20.00	19.96	19.71			

Band 12_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130	24.5	0		
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	23.66	23.72	23.69				
10	QPSK	1	25	23.60	23.64	23.54				
10	QPSK	1	49	23.62	23.43	23.38	23.5	1		
10	QPSK	25	0	22.55	22.60	22.53				
10	QPSK	25	12	22.51	22.52	22.51				
10	QPSK	25	25	22.53	22.56	22.45				
10	QPSK	50	0	22.53	22.58	22.47	23.5	1		
10	16QAM	1	0	22.95	22.63	22.99				
10	16QAM	1	25	22.94	22.69	22.70				
10	16QAM	1	49	22.99	22.76	22.64				
10	16QAM	25	0	21.52	21.64	21.46	22.5	2		
10	16QAM	25	12	21.43	21.53	21.43				
10	16QAM	25	25	21.60	21.54	21.44				
10	16QAM	50	0	21.56	21.56	21.44				
10	64QAM	1	0	21.75	21.73	21.87	22.5	2		
10	64QAM	1	25	21.85	21.90	21.77				
10	64QAM	1	49	21.71	21.69	21.84				
10	64QAM	25	0	20.53	20.50	20.49				
10	64QAM	25	12	20.58	20.52	20.48	21.5	3		
10	64QAM	25	25	20.51	20.49	20.49				
10	64QAM	50	0	20.53	20.52	20.46				
Channel				23035	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				703.5	707.5	713.5	24.5	0		
5	QPSK	1	0	23.55	23.70	23.57				
5	QPSK	1	12	23.49	23.55	23.49				
5	QPSK	1	24	23.54	23.34	23.28				
5	QPSK	12	0	22.53	22.51	22.50	23.5	1		
5	QPSK	12	7	22.49	22.49	22.37				
5	QPSK	12	13	22.48	22.51	22.31				
5	QPSK	25	0	22.44	22.52	22.42				
5	16QAM	1	0	22.87	22.57	22.90	23.5	1		
5	16QAM	1	12	22.87	22.61	22.67				
5	16QAM	1	24	22.95	22.68	22.52				
5	16QAM	12	0	21.46	21.59	21.41				
5	16QAM	12	7	21.40	21.50	21.29	22.5	2		
5	16QAM	12	13	21.54	21.43	21.30				
5	16QAM	25	0	21.44	21.42	21.37				
5	64QAM	1	0	21.71	21.71	21.81				
5	64QAM	1	12	21.81	21.88	21.74	22.5	2		
5	64QAM	1	24	21.66	21.65	21.71				
5	64QAM	12	0	20.39	20.36	20.40				
5	64QAM	12	7	20.55	20.46	20.35				
5	64QAM	12	13	20.48	20.39	20.48	21.5	3		
5	64QAM	25	0	20.44	20.39	20.42				
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				700.5	707.5	714.5	24.5	0		
3	QPSK	1	0	23.58	23.63	23.68				
3	QPSK	1	8	23.53	23.59	23.44				
3	QPSK	1	14	23.56	23.35	23.37				
3	QPSK	8	0	22.43	22.59	22.48	23.5	1		
3	QPSK	8	4	22.46	22.42	22.45				
3	QPSK	8	7	22.49	22.55	22.43				
3	QPSK	15	0	22.48	22.49	22.40				
3	16QAM	1	0	22.91	22.57	22.96	23.5	1		
3	16QAM	1	8	22.91	22.65	22.68				
3	16QAM	1	14	22.93	22.66	22.55				
3	16QAM	8	0	21.47	21.53	21.43				
3	16QAM	8	4	21.42	21.46	21.30	22.5	2		
3	16QAM	8	7	21.55	21.43	21.41				
3	16QAM	15	0	21.49	21.50	21.39				
3	64QAM	1	0	21.64	21.67	21.81				
3	64QAM	1	8	21.81	21.83	21.74	22.5	2		
3	64QAM	1	14	21.68	21.66	21.83				
3	64QAM	8	0	20.52	20.40	20.43				
3	64QAM	8	4	20.48	20.48	20.34				
3	64QAM	8	7	20.43	20.41	20.43	21.5	3		
3	64QAM	15	0	20.40	20.49	20.35				
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				699.7	707.5	715.3	24.5	0		
1.4	QPSK	1	0	23.56	23.60	23.67				
1.4	QPSK	1	3	23.57	23.60	23.40				
1.4	QPSK	1	5	23.51	23.41	23.25				
1.4	QPSK	3	0	23.65	23.66	23.67	23.5	1		
1.4	QPSK	3	1	23.53	23.62	23.48				
1.4	QPSK	3	3	23.57	23.42	23.27				
1.4	QPSK	6	0	22.39	22.47	22.43				
1.4	16QAM	1	0	22.93	22.51	22.88	23.5	1		
1.4	16QAM	1	3	22.80	22.55	22.61				
1.4	16QAM	1	5	22.87	22.64	22.50				
1.4	16QAM	3	0	22.89	22.48	22.93				
1.4	16QAM	3	1	22.93	22.59	22.63	22.5	2		
1.4	16QAM	3	3	22.85	22.62	22.56				
1.4	16QAM	6	0	21.52	21.51	21.37				
1.4	64QAM	1	0	21.70	21.69	21.79				
1.4	64QAM	1	3	21.74	21.82	21.67	22.5	2		
1.4	64QAM	1	5	21.59	21.56	21.62				
1.4	64QAM	3	0	21.70	21.63	21.79				
1.4	64QAM	3	1	21.79	21.81	21.72				
1.4	64QAM	3	3	21.63	21.54	21.73	21.5	3		
1.4	64QAM	6	0	20.52	20.45	20.44				

Band 17_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23780	23790	23800	24.5	0		
Frequency (MHz)				709	710	711				
10	QPSK	1	0	23.35	23.40	23.38	23.5	1		
10	QPSK	1	25	23.33	23.36	23.20				
10	QPSK	1	49	23.30	23.23	23.34				
10	QPSK	25	0	22.31	22.33	22.25				
10	QPSK	25	12	22.25	22.31	22.25	23.5	1		
10	QPSK	25	25	22.29	22.21	22.25				
10	QPSK	50	0	22.23	22.25	22.21				
10	16QAM	1	0	22.45	22.25	22.50				
10	16QAM	1	25	22.58	22.41	22.60	22.5	2		
10	16QAM	1	49	22.43	22.42	22.61				
10	16QAM	25	0	21.19	21.21	21.19				
10	16QAM	25	12	21.18	21.32	21.23				
10	16QAM	25	25	21.22	21.27	21.18	22.5	2		
10	16QAM	50	0	21.20	21.29	21.19				
10	64QAM	1	0	21.46	21.32	21.38				
10	64QAM	1	25	21.40	21.52	21.54				
10	64QAM	1	49	21.52	21.34	21.56	21.5	3		
10	64QAM	25	0	20.30	20.16	20.25				
10	64QAM	25	12	20.23	20.22	20.29				
10	64QAM	25	25	20.32	20.22	20.26				
10	64QAM	50	0	20.23	20.20	20.24	Channel			
Frequency (MHz)				23785	23790	23825	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				706.5	710	713.5	24.5	0		
Frequency (MHz)				706.5	710	713.5				
5	QPSK	1	0	23.33	23.35	23.23	23.5	1		
5	QPSK	1	12	23.33	23.36	23.09				
5	QPSK	1	24	23.26	23.10	23.24				
5	QPSK	12	0	22.26	22.18	22.22				
5	QPSK	12	7	22.16	22.27	22.18	23.5	1		
5	QPSK	12	13	22.16	22.18	22.22				
5	QPSK	25	0	22.17	22.23	22.12				
5	16QAM	1	0	22.39	22.17	22.48				
5	16QAM	1	12	22.57	22.40	22.52	23.5	1		
5	16QAM	1	24	22.41	22.19	22.46				
5	16QAM	12	0	21.12	21.14	21.07				
5	16QAM	12	7	21.12	21.19	21.11				
5	16QAM	12	13	21.11	21.15	21.09	22.5	2		
5	16QAM	25	0	21.14	21.24	21.12				
5	64QAM	1	0	21.45	21.20	21.35				
5	64QAM	1	12	21.29	21.40	21.44				
5	64QAM	1	24	21.44	21.27	21.56	22.5	2		
5	64QAM	12	0	20.17	20.17	20.09				
5	64QAM	12	7	20.21	20.10	20.23				
5	64QAM	12	13	20.23	20.19	20.24				
5	64QAM	25	0	20.17	20.06	20.13	21.5	3		

Band 26(FCC)_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	24.5	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.82	23.92	23.85	23.5	1	
15	QPSK	1	37	23.72	23.88	23.82			
15	QPSK	1	74	23.77	23.89	23.79			
15	QPSK	36	0	22.77	22.88	22.82	23.5	1	
15	QPSK	36	20	22.71	22.83	22.78			
15	QPSK	36	39	22.74	22.82	22.75			
15	QPSK	75	0	22.71	22.84	22.80	23.5	1	
15	16QAM	1	0	22.99	23.05	23.11			
15	16QAM	1	37	22.80	23.08	22.90			
15	16QAM	1	74	23.00	23.02	23.10	22.5	2	
15	16QAM	36	0	21.65	21.78	21.86			
15	16QAM	36	20	21.76	21.83	21.94			
15	16QAM	36	39	21.76	21.86	21.83	22.5	2	
15	16QAM	75	0	21.75	21.87	21.91			
15	16QAM	1	0	21.90	22.11	22.08			
15	64QAM	1	37	22.08	21.94	22.05	22.5	2	
15	64QAM	1	74	22.13	22.15	22.06			
15	64QAM	36	0	20.77	20.77	20.90			
15	64QAM	36	20	20.74	20.82	20.87	21.5	3	
15	64QAM	36	39	20.82	20.84	20.90			
15	64QAM	75	0	20.73	20.84	20.88			
Channel				26740	26865	26960	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	24.5	0	
10	QPSK	1	0	23.75	23.83	23.77			
10	QPSK	1	25	23.64	23.84	23.68	23.5	1	
10	QPSK	1	49	23.63	23.83	23.69			
10	QPSK	25	0	22.68	22.76	22.75			
10	QPSK	25	12	22.68	22.78	22.65	23.5	1	
10	QPSK	25	25	22.73	22.79	22.73			
10	QPSK	50	0	22.59	22.80	22.68			
10	16QAM	1	0	22.95	23.03	23.10	23.5	1	
10	16QAM	1	25	22.70	23.03	22.76			
10	16QAM	1	49	22.99	23.01	23.05			
10	16QAM	25	0	21.52	21.67	21.75	22.5	2	
10	16QAM	25	12	21.69	21.69	21.87			
10	16QAM	25	25	21.65	21.71	21.71			
10	16QAM	50	0	21.74	21.73	21.88	22.5	2	
10	64QAM	1	0	21.89	22.04	22.00			
10	64QAM	1	25	21.98	21.92	21.97			
10	64QAM	1	49	22.00	22.05	22.05	21.5	3	
10	64QAM	25	0	20.70	20.82	20.80			
10	64QAM	25	12	20.61	20.70	20.84			
10	64QAM	25	25	20.71	20.79	20.85	21.5	3	
10	64QAM	50	0	20.65	20.77	20.74			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	24.5	0	
5	QPSK	1	0	23.79	23.90	23.77			
5	QPSK	1	12	23.70	23.86	23.81	23.5	1	
5	QPSK	1	24	23.75	23.81	23.66			
5	QPSK	12	0	22.63	22.78	22.72			
5	QPSK	12	7	22.61	22.68	22.66	23.5	1	
5	QPSK	12	13	22.71	22.68	22.71			
5	QPSK	25	0	22.61	22.82	22.78			
5	16QAM	1	0	22.96	22.95	23.05	23.5	1	
5	16QAM	1	12	22.69	22.99	22.75			
5	16QAM	1	24	22.91	22.92	23.06			
5	16QAM	12	0	21.60	21.64	21.80	22.5	2	
5	16QAM	12	7	21.67	21.68	21.89			
5	16QAM	12	13	21.71	21.85	21.79			
5	16QAM	25	0	21.66	21.76	21.89	22.5	2	
5	64QAM	1	0	21.76	22.00	22.05			
5	64QAM	1	12	22.04	21.81	21.94			
5	64QAM	1	24	22.05	22.09	22.04	21.5	3	
5	64QAM	12	0	20.67	20.72	20.85			
5	64QAM	12	7	20.73	20.79	20.78			
5	64QAM	12	13	20.74	20.78	20.80	21.5	3	
5	64QAM	25	0	20.72	20.83	20.80			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5	24.5	0	
3	QPSK	1	0	23.72	23.84	23.79			
3	QPSK	1	8	23.61	23.82	23.72	23.5	1	
3	QPSK	1	14	23.70	23.88	23.73			
3	QPSK	8	0	22.75	22.85	22.71			
3	QPSK	8	4	22.63	22.76	22.75	23.5	1	
3	QPSK	8	7	22.59	22.69	22.68			
3	QPSK	15	0	22.70	22.80	22.76			
3	16QAM	1	0	22.85	23.03	23.09	23.5	1	
3	16QAM	1	8	22.67	22.96	22.85			
3	16QAM	1	14	22.88	22.88	22.71			
3	16QAM	8	0	21.50	21.63	21.79	22.5	2	
3	16QAM	8	4	21.69	21.68	21.93			
3	16QAM	8	7	21.66	21.73	21.76			
3	16QAM	15	0	21.63	21.73	21.78	22.5	2	
3	64QAM	1	0	21.82	21.98	21.99			
3	64QAM	1	8	21.98	21.84	21.85			
3	64QAM	1	14	22.00	22.08	22.00	21.5	3	
3	64QAM	8	0	20.62	20.62	20.78			
3	64QAM	8	4	20.61	20.81	20.78			
3	64QAM	8	7	20.71	20.74	20.80	21.5	3	
3	64QAM	15	0	20.72	20.73	20.84			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3	24.5	0	
1.4	QPSK	1	0	23.73	23.80	23.77			
1.4	QPSK	1	3	23.59	23.79	23.73	23.5	1	
1.4	QPSK	1	5	23.65	23.74	23.75			
1.4	QPSK	3	0	23.72	23.77	23.75			
1.4	QPSK	3	1	23.63	23.78	23.72	23.5	1	
1.4	QPSK	3	3	23.63	23.82	23.77			
1.4	QPSK	6	0	22.64	22.70	22.76			
1.4	16QAM	1	0	22.87	23.02	23.03	23.5	1	
1.4	16QAM	1	3	22.65	22.94	22.88			
1.4	16QAM	1	5	22.99	22.89	22.97			
1.4	16QAM	3	0	22.95	22.94	23.10	22.5	2	
1.4	16QAM	3	1	22.68	23.03	22.79			
1.4	16QAM	3	3	22.94	22.93	22.97			
1.4	16QAM	6	0	21.71	21.76	21.81	22.5	2	
1.4	64QAM	1	0	21.81	21.97	22.04			
1.4	64QAM	1	3	22.00	21.87	22.00			
1.4	64QAM	1	5	22.01	22.08	22.01	22.5	2	
1.4	64QAM	3	0	21.89	22.07	21.98			
1.4	64QAM	3	1	21.94	21.87	21.93			
1.4	64QAM	3	3	22.10	22.09	21.97	21.5	3	
1.4	64QAM	6	0	20.68	20.73	20.80			

Band 26(FCC)_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				26765	26865	26965	24.5	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.72	23.75	23.69	23.5	1	
15	QPSK	1	37	23.47	23.57	23.58			
15	QPSK	1	74	23.46	23.55	23.66			
15	QPSK	36	0	22.62	22.66	22.55	23.5	1	
15	QPSK	36	20	22.60	22.51	22.53			
15	QPSK	36	39	22.53	22.46	22.48			
15	QPSK	75	0	22.60	22.62	22.58	23.5	1	
15	QPSK	1	0	22.77	23.00	23.02			
15	16QAM	1	37	23.00	22.97	22.93			
15	16QAM	1	74	22.85	22.96	22.82	22.5	2	
15	16QAM	36	0	21.64	21.53	21.45			
15	16QAM	36	20	21.67	21.47	21.51			
15	16QAM	36	39	21.53	21.47	21.55	22.5	2	
15	16QAM	75	0	21.57	21.48	21.59			
15	16QAM	1	0	21.55	21.37	21.52			
15	64QAM	1	37	21.62	21.60	21.57	21.5	3	
15	64QAM	1	74	21.59	21.56	21.60			
15	64QAM	36	0	20.60	20.52	20.54			
15	64QAM	36	20	20.60	20.49	20.57	21.5	3	
15	64QAM	36	39	20.51	20.55	20.58			
15	64QAM	75	0	20.55	20.48	20.57			
Channel				26740	26865	26990	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	24.5	0	
10	QPSK	1	0	23.69	23.67	23.63			
10	QPSK	1	25	23.40	23.54	23.55	23.5	1	
10	QPSK	1	49	23.33	23.44	23.65			
10	QPSK	25	0	22.56	22.54	22.46			
10	QPSK	25	12	22.57	22.44	22.51	23.5	1	
10	QPSK	25	25	22.42	22.37	22.36			
10	QPSK	50	0	22.56	22.55	22.46			
10	16QAM	1	0	22.71	22.88	22.88	23.5	1	
10	16QAM	1	25	22.92	22.82	22.78			
10	16QAM	1	49	22.77	22.82	22.81			
10	16QAM	25	0	21.46	21.52	21.58	22.5	2	
10	16QAM	25	12	21.56	21.36	21.44			
10	16QAM	25	25	21.52	21.45	21.44			
10	16QAM	50	0	21.42	21.47	21.49	22.5	2	
10	64QAM	1	0	21.51	21.33	21.41			
10	64QAM	1	25	21.52	21.46	21.42			
10	64QAM	1	49	21.56	21.51	21.45	21.5	3	
10	64QAM	25	0	20.45	20.47	20.46			
10	64QAM	25	12	20.46	20.55	20.53			
10	64QAM	25	25	20.42	20.50	20.46	21.5	3	
10	64QAM	50	0	20.42	20.44	20.43			
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5	24.5	0	
5	QPSK	1	0	23.71	23.71	23.63			
5	QPSK	1	12	23.36	23.52	23.57	23.5	1	
5	QPSK	1	24	23.32	23.46	23.64			
5	QPSK	12	0	22.58	22.64	22.52			
5	QPSK	12	7	22.45	22.41	22.50	23.5	1	
5	QPSK	12	13	22.50	22.31	22.50			
5	QPSK	25	0	22.51	22.49	22.56			
5	16QAM	1	0	22.62	22.97	22.90	23.5	1	
5	16QAM	1	12	22.96	22.82	22.87			
5	16QAM	1	24	22.79	22.95	22.76			
5	16QAM	12	0	21.55	21.39	21.43	22.5	2	
5	16QAM	12	7	21.55	21.40	21.48			
5	16QAM	12	13	21.43	21.45	21.51			
5	16QAM	25	0	21.43	21.45	21.45	22.5	2	
5	64QAM	1	0	21.51	21.33	21.43			
5	64QAM	1	12	21.49	21.52	21.43			
5	64QAM	1	24	21.45	21.44	21.49	21.5	3	
5	64QAM	12	0	20.59	20.38	20.39			
5	64QAM	12	7	20.59	20.34	20.43			
5	64QAM	12	13	20.39	20.46	20.48	21.5	3	
5	64QAM	25	0	20.50	20.46	20.55			
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5	24.5	0	
3	QPSK	1	0	23.61	23.63	23.56			
3	QPSK	1	8	23.34	23.48	23.46	23.5	1	
3	QPSK	1	14	23.34	23.53	23.46			
3	QPSK	8	0	22.56	22.51	22.54			
3	QPSK	8	4	22.48	22.41	22.39	23.5	1	
3	QPSK	8	7	22.42	22.32	22.41			
3	QPSK	15	0	22.49	22.56	22.49			
3	16QAM	1	0	22.68	22.92	22.91	23.5	1	
3	16QAM	1	8	22.99	22.87	22.84			
3	16QAM	1	14	22.84	22.92	22.74			
3	16QAM	8	0	21.53	21.40	21.42	22.5	2	
3	16QAM	8	4	21.55	21.45	21.36			
3	16QAM	8	7	21.41	21.31	21.42			
3	16QAM	15	0	21.44	21.37	21.45	22.5	2	
3	64QAM	1	0	21.48	21.31	21.51			
3	64QAM	1	8	21.56	21.56	21.44			
3	64QAM	1	14	21.46	21.53	21.49	21.5	3	
3	64QAM	8	0	20.48	20.49	20.47			
3	64QAM	8	4	20.46	20.47	20.49			
3	64QAM	8	7	20.42	20.53	20.55	21.5	3	
3	64QAM	8	15	20.44	20.37	20.52			
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3	24.5	0	
1.4	QPSK	1	0	23.71	23.60	23.57			
1.4	QPSK	1	3	23.46	23.55	23.48	23.5	1	
1.4	QPSK	1	5	23.39	23.47	23.54			
1.4	QPSK	3	0	23.58	23.66	23.59			
1.4	QPSK	3	1	23.46	23.56	23.46	23.5	1	
1.4	QPSK	3	3	23.43	23.50	23.53			
1.4	QPSK	6	0	22.55	22.53	22.55			
1.4	16QAM	1	0	22.65	22.98	22.95	23.5	1	
1.4	16QAM	1	3	22.99	22.94	22.80			
1.4	16QAM	1	5	22.75	22.94	22.81			
1.4	16QAM	3	0	22.66	22.88	22.91	22.5	2	
1.4	16QAM	3	1	22.90	22.87	22.90			
1.4	16QAM	3	3	22.84	22.89	22.74			
1.4	64QAM	1	0	21.55	21.36	21.46	22.5	2	
1.4	64QAM	1	1	21.53	21.29	21.42			
1.4	64QAM	1	3	21.57	21.59	21.55			
1.4	64QAM	1	5	21.58	21.55	21.48	22.5	2	
1.4	64QAM	3	0	21.57	21.32	21.39			
1.4	64QAM	3	1	21.53	21.54	21.52			
1.4	64QAM	3	3	21.51	21.41	21.55	21.5	3	
1.4	64QAM	6	0	20.48	20.43	20.49			

Band 66_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	23.47	23.48	23.45	24.5	0	
20	QPSK	1	49	23.38	23.39	23.40			
20	QPSK	1	99	23.11	23.29	23.21			
20	QPSK	50	0	22.45	22.46	22.36	23.5	1	
20	QPSK	50	24	22.44	22.39	22.34			
20	QPSK	50	50	22.37	22.32	22.35			
20	QPSK	100	0	22.35	22.43	22.33	23.5	1	
20	16QAM	1	0	22.58	22.46	22.66			
20	16QAM	1	49	22.65	22.30	22.60			
20	16QAM	1	99	22.40	22.46	22.57	22.5	2	
20	16QAM	50	0	21.41	21.42	21.41			
20	16QAM	50	24	21.47	21.42	21.30			
20	16QAM	50	50	21.32	21.32	21.30	22.5	2	
20	16QAM	100	0	21.38	21.31	21.30			
20	64QAM	1	0	21.51	21.58	21.53			
20	64QAM	1	49	21.71	21.70	21.60	22.5	2	
20	64QAM	1	99	21.50	21.49	21.55			
20	64QAM	50	0	20.49	20.42	20.39			
20	64QAM	50	24	20.40	20.39	20.37	21.5	3	
20	64QAM	50	50	20.35	20.37	20.38			
20	64QAM	100	0	20.37	20.36	20.40			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	23.38	23.36	23.42	24.5	0	
15	QPSK	1	37	23.34	23.33	23.30			
15	QPSK	1	74	23.04	23.18	23.16			
15	QPSK	36	0	22.33	22.32	22.32	23.5	1	
15	QPSK	36	20	22.34	22.36	22.32			
15	QPSK	36	39	22.34	22.29	22.20			
15	QPSK	75	0	22.31	22.40	22.19	23.5	1	
15	16QAM	1	0	22.47	22.33	22.56			
15	16QAM	1	37	22.55	22.15	22.58			
15	16QAM	1	74	22.35	22.45	22.53	22.5	2	
15	16QAM	36	0	21.29	21.35	21.26			
15	16QAM	36	20	21.46	21.30	21.15			
15	16QAM	36	39	21.30	21.29	21.29	22.5	2	
15	16QAM	75	0	21.33	21.20	21.29			
15	64QAM	1	0	21.37	21.48	21.40			
15	64QAM	1	37	21.63	21.55	21.46	22.5	2	
15	64QAM	1	74	21.41	21.44	21.52			
15	64QAM	36	0	20.34	20.33	20.36			
15	64QAM	36	20	20.33	20.25	20.22	21.5	3	
15	64QAM	36	39	20.23	20.31	20.27			
15	64QAM	75	0	20.32	20.25	20.29			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	23.36	23.39	23.31	24.5	0	
10	QPSK	1	25	23.31	23.36	23.32			
10	QPSK	1	49	23.07	23.14	23.17			
10	QPSK	25	0	22.44	22.33	22.27	23.5	1	
10	QPSK	25	12	22.30	22.36	22.28			
10	QPSK	25	25	22.24	22.26	22.34			
10	QPSK	50	0	22.32	22.36	22.18	23.5	1	
10	16QAM	1	0	22.48	22.43	22.55			
10	16QAM	1	25	22.54	22.15	22.54			
10	16QAM	1	49	22.37	22.45	22.45	22.5	2	
10	16QAM	25	0	21.34	21.40	21.21			
10	16QAM	25	12	21.39	21.41	21.24			
10	16QAM	25	25	21.28	21.26	21.29	22.5	2	
10	16QAM	50	0	21.27	21.21	21.20			
10	64QAM	1	0	21.46	21.55	21.44			
10	64QAM	1	25	21.62	21.61	21.54	22.5	2	
10	64QAM	1	49	21.39	21.40	21.48			
10	64QAM	25	0	20.44	20.35	20.31			
10	64QAM	25	12	20.39	20.24	20.36	21.5	3	
10	64QAM	25	25	20.25	20.28	20.23			
10	64QAM	50	0	20.34	20.27	20.30			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	23.33	23.33	23.43	24.5	0	
5	QPSK	1	12	23.24	23.29	23.36			
5	QPSK	1	24	23.05	23.19	23.17			
5	QPSK	12	0	22.34	22.34	22.24	23.5	1	
5	QPSK	12	7	22.41	22.24	22.25			
5	QPSK	12	13	22.32	22.25	22.26			
5	QPSK	25	0	22.24	22.39	22.19	23.5	1	
5	16QAM	1	0	22.51	22.39	22.56			
5	16QAM	1	12	22.59	22.26	22.48			
5	16QAM	1	24	22.27	22.40	22.27	22.5	2	
5	16QAM	12	0	21.29	21.27	21.31			
5	16QAM	12	7	21.45	21.39	21.26			
5	16QAM	12	13	21.21	21.30	21.27	22.5	2	
5	16QAM	25	0	21.25	21.23	21.25			
5	64QAM	1	0	21.46	21.48	21.49			
5	64QAM	1	12	21.61	21.66	21.53	22.5	2	
5	64QAM	1	24	21.38	21.37	21.40			
5	64QAM	12	0	20.46	20.29	20.27			
5	64QAM	12	7	20.29	20.34	20.24	21.5	3	
5	64QAM	12	13	20.21	20.22	20.25			
5	64QAM	25	0	20.33	20.35	20.32			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	23.42	23.37	23.39	24.5	0	
3	QPSK	1	8	23.24	23.34	23.33			
3	QPSK	1	14	23.10	23.16	23.07			
3	QPSK	8	0	22.36	22.33	22.28	23.5	1	
3	QPSK	8	4	22.31	22.25	22.24			
3	QPSK	8	7	22.31	22.21	22.25			
3	QPSK	15	0	22.29	22.30	22.23	23.5	1	
3	16QAM	1	0	22.49	22.35	22.52			
3	16QAM	1	8	22.63	22.25	22.55			
3	16QAM	1	14	22.25	22.42	22.42	22.5	2	
3	16QAM	8	0	21.26	21.38	21.31			
3	16QAM	8	4	21.35	21.28	21.14			
3	16QAM	8	7	21.22	21.31	21.17	22.5	2	
3	16QAM	15	0	21.34	21.29	21.23			
3	64QAM	1	0	21.40	21.49	21.44			
3	64QAM	1	8	21.58	21.58	21.53	22.5	2	
3	64QAM	1	14	21.36	21.35	21.51			
3	64QAM	8	0	20.48	20.41	20.29			
3	64QAM	8	4	20.29	20.36	20.30	21.5	3	
3	64QAM	8	7	20.34	20.30	20.23			
3	64QAM	15	0	20.26	20.25	20.30			
Channel				131919	132322	132685	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	23.41	23.38	23.39	24.5	0	
1.4	QPSK	1	3	23.30	23.33	23.36			
1.4	QPSK	1	5	23.08	23.28	23.14			
1.4	QPSK	3	0	23.41	23.45	23.36	23.5	1	
1.4	QPSK	3	1	23.32	23.24	23.35			
1.4	QPSK	3	3	22.97	23.26	23.15			
1.4	QPSK	6	0	22.29	22.29	22.20	23.5	1	
1.4	16QAM	1	0	22.53	22.42	22.55			
1.4	16QAM	1	3	22.52	22.15	22.56	23.5	1	
1.4	16QAM	1	5	22.31	22.35	22.55			
1.4	16QAM	3	0	22.45	22.40	22.44			
1.4	16QAM	3	1	22.55	22.22	22.58	22.5	2	
1.4	16QAM	3	3	22.35	22.39	22.42			
1.4	16QAM	6	0	21.24	21.29	21.23			
1.4	64QAM	1	0	21.43	21.45	21.41	22.5	2	
1.4	64QAM	1	3	21.68	21.69	21.54			
1.4	64QAM	1	5	21.34	21.41	21.44			
1.4	64QAM	3	0	21.47	21.57	21.52	22.5	2	
1.4	64QAM	3	1	21.64	21.64	21.58			
1.4	64QAM	3	3	21.38	21.47	21.49			
1.4	64QAM	6	0	20.29	20.27	20.34	21.5	3	

LTE Band 71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.62	23.69	23.55	24.5	0	
20	QPSK	1	49	23.49	23.50	23.53			
20	QPSK	1	99	23.58	23.59	23.47			
20	QPSK	50	0	22.65	22.71	22.57	23.5	1	
20	QPSK	50	24	22.64	22.63	22.53			
20	QPSK	50	50	22.61	22.64	22.55			
20	QPSK	100	0	22.61	22.63	22.53	23.5	1	
20	16QAM	1	0	22.85	22.92	22.84			
20	16QAM	1	49	22.82	22.88	22.74			
20	16QAM	1	99	22.77	22.79	22.69	22.5	2	
20	16QAM	50	0	21.75	21.62	21.52			
20	16QAM	50	24	21.63	21.59	21.59			
20	16QAM	50	50	21.65	21.62	21.54	22.5	2	
20	16QAM	100	0	21.65	21.57	21.52			
20	64QAM	1	0	21.69	21.73	21.73			
20	64QAM	1	49	21.87	21.71	21.66	22.5	2	
20	64QAM	1	99	21.63	21.72	21.62			
20	64QAM	50	0	20.68	20.62	20.51			
20	64QAM	50	24	20.66	20.64	20.61	21.5	3	
20	64QAM	50	50	20.69	20.64	20.58			
20	64QAM	100	0	20.64	20.64	20.55			
Channel				133197	133297	133397	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.51	23.45	23.48	24.5	0	
15	QPSK	1	37	23.36	23.33	23.48			
15	QPSK	1	74	23.50	23.51	23.25			
15	QPSK	36	0	22.50	22.54	22.52	23.5	1	
15	QPSK	36	20	22.48	22.45	22.30			
15	QPSK	36	39	22.44	22.54	22.41			
15	QPSK	75	0	22.43	22.60	22.42	23.5	1	
15	16QAM	1	0	22.64	22.79	22.79			
15	16QAM	1	37	22.76	22.69	22.59			
15	16QAM	1	74	22.53	22.56	22.46	22.5	2	
15	16QAM	36	0	21.57	21.49	21.35			
15	16QAM	36	20	21.45	21.54	21.47			
15	16QAM	36	39	21.51	21.56	21.41	22.5	2	
15	16QAM	75	0	21.46	21.42	21.36			
15	64QAM	1	0	21.53	21.62	21.61			
15	64QAM	1	37	21.62	21.55	21.53	22.5	2	
15	64QAM	1	74	21.54	21.63	21.51			
15	64QAM	36	0	20.44	20.37	20.44			
15	64QAM	36	20	20.50	20.54	20.50	21.5	3	
15	64QAM	36	39	20.53	20.43	20.39			
15	64QAM	75	0	20.52	20.41	20.35			
Channel				133172	133297	133422	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	0	23.56	23.47	23.48	24.5	0	
10	QPSK	1	25	23.27	23.32	23.42			
10	QPSK	1	49	23.34	23.51	23.27			
10	QPSK	25	0	22.51	22.63	22.40	23.5	1	
10	QPSK	25	12	22.46	22.41	22.46			
10	QPSK	25	25	22.36	22.55	22.35			
10	QPSK	50	0	22.41	22.47	22.44	23.5	1	
10	16QAM	1	0	22.79	22.69	22.77			
10	16QAM	1	25	22.73	22.70	22.57			
10	16QAM	1	49	22.53	22.64	22.48	22.5	2	
10	16QAM	25	0	21.52	21.53	21.36			
10	16QAM	25	12	21.43	21.36	21.39			
10	16QAM	25	25	21.53	21.54	21.40	22.5	2	
10	16QAM	50	0	21.59	21.49	21.32			
10	64QAM	1	0	21.55	21.58	21.62			
10	64QAM	1	25	21.73	21.64	21.50	22.5	2	
10	64QAM	1	49	21.49	21.51	21.55			
10	64QAM	25	0	20.54	20.39	20.35			
10	64QAM	25	12	20.41	20.42	20.50	21.5	3	
10	64QAM	25	25	20.50	20.50	20.44			
10	64QAM	50	0	20.54	20.46	20.45			
Channel				133147	133297	133447	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	23.53	23.56	23.34	24.5	0	
5	QPSK	1	12	23.43	23.45	23.48			
5	QPSK	1	24	23.43	23.43	23.42			
5	QPSK	12	0	22.63	22.51	22.36	23.5	1	
5	QPSK	12	7	22.44	22.47	22.44			
5	QPSK	12	13	22.41	22.53	22.37			
5	QPSK	25	0	22.47	22.62	22.29	23.5	1	
5	16QAM	1	0	22.76	22.76	22.60			
5	16QAM	1	12	22.66	22.76	22.62			
5	16QAM	1	24	22.71	22.54	22.47	22.5	2	
5	16QAM	12	0	21.50	21.46	21.45			
5	16QAM	12	7	21.46	21.53	21.47			
5	16QAM	12	13	21.60	21.50	21.43	22.5	2	
5	16QAM	25	0	21.49	21.48	21.39			
5	64QAM	1	0	21.60	21.59	21.50			
5	64QAM	1	12	21.74	21.46	21.52	22.5	2	
5	64QAM	1	24	21.51	21.56	21.46			
5	64QAM	12	0	20.63	20.47	20.35			
5	64QAM	12	7	20.56	20.50	20.37	21.5	3	
5	64QAM	12	13	20.44	20.59	20.35			
5	64QAM	25	0	20.57	20.58	20.47			

Band 38_Ant 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				37650	38000	38150						
Frequency (MHz)				2168	2176	2172						
20	QPSK	1	0	21.73	21.76	21.72	23	0				
20	QPSK	1	49	21.66	21.58	21.66						
20	QPSK	1	99	21.63	21.75	21.64						
20	QPSK	50	0	21.68	21.76	21.65						
20	QPSK	49	24	21.58	21.57	21.53	23	0				
20	QPSK	50	50	21.56	21.72	21.61						
20	QPSK	100	0	21.61	21.68	21.63						
20	16QAM	1	0	21.58	21.75	21.66						
20	16QAM	1	49	21.59	21.45	21.63	22.5	0.5				
20	16QAM	1	99	21.56	21.66	21.49						
20	16QAM	50	0	21.18	21.18	21.22						
20	16QAM	50	24	21.11	21.21	21.32						
20	16QAM	50	50	21.15	21.24	21.37	22.5	0.5				
20	64QAM	1	0	21.18	21.18	21.29						
20	64QAM	1	49	20.95	21.05	21.06						
20	64QAM	1	99	21.01	20.99	21.12						
20	64QAM	50	0	20.16	20.15	20.21	21.5	1.5				
20	64QAM	50	24	20.15	20.22	20.31						
20	64QAM	50	50	20.23	20.26	20.40						
20	64QAM	100	0	20.18	20.21	20.29						
Channel				38000	38150	38225			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5						
15	QPSK	1	0	21.71	21.71	21.67	23	0				
15	QPSK	1	37	21.55	21.51	21.59						
15	QPSK	1	74	21.51	21.73	21.59						
15	QPSK	36	0	21.61	21.62	21.56						
15	QPSK	36	39	21.54	21.51	21.41	23	0				
15	QPSK	36	39	21.51	21.62	21.49						
15	QPSK	75	0	21.49	21.63	21.54						
15	16QAM	1	0	21.46	21.69	21.64						
15	16QAM	1	37	21.57	21.36	21.49	23	0				
15	16QAM	1	74	21.44	21.51	21.45						
15	16QAM	36	0	21.07	21.07	21.09						
15	16QAM	36	20	21.04	21.13	21.28						
15	16QAM	36	39	21.03	21.17	21.29	22.5	0.5				
15	16QAM	75	0	21.01	21.16	21.23						
15	64QAM	1	0	20.68	20.72	20.83						
15	64QAM	1	37	20.88	20.93	20.99						
15	64QAM	1	74	20.95	20.93	21.10	22.5	0.5				
15	64QAM	36	0	20.07	20.16	20.13						
15	64QAM	36	20	20.01	20.15	20.21						
15	64QAM	36	39	20.16	20.12	20.33						
15	64QAM	75	0	20.13	20.18	20.26	21.5	1.5				
Channel				38225	38400	38475			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5						
10	QPSK	1	0	21.70	21.71	21.69			23	0		
10	QPSK	1	25	21.62	21.47	21.63						
10	QPSK	1	49	21.57	21.66	21.56						
10	QPSK	25	0	21.56	21.52	21.56						
10	QPSK	25	12	21.48	21.55	21.45	23	0				
10	QPSK	25	25	21.52	21.71	21.56						
10	QPSK	50	0	21.46	21.56	21.51						
10	16QAM	1	0	21.49	21.74	21.60						
10	16QAM	1	25	21.56	21.39	21.61	23	0				
10	16QAM	1	49	21.54	21.65	21.36						
10	16QAM	25	0	21.07	21.16	21.08						
10	16QAM	25	12	21.06	21.20	21.31						
10	16QAM	25	25	21.02	21.23	21.34	22.5	0.5				
10	16QAM	50	0	21.03	21.03	21.18						
10	64QAM	1	0	20.67	20.71	20.82						
10	64QAM	1	25	20.81	20.92	20.99						
10	64QAM	1	49	21.00	20.91	21.02	21.5	1.5				
10	64QAM	25	0	20.10	20.14	20.19						
10	64QAM	25	12	20.02	20.12	20.25						
10	64QAM	25	25	20.16	20.20	20.36						
10	64QAM	50	0	20.07	20.10	20.27						
Channel				37775	38000	38225	Tune-up limit (dBm)		MPR (dB)			
Frequency (MHz)				2572.5	2595	2617.5						
5	QPSK	1	0	21.65	21.68	21.66	23	0				
5	QPSK	1	12	21.57	21.45	21.51						
5	QPSK	1	24	21.59	21.74	21.55						
5	QPSK	12	0	21.54	21.58	21.60						
5	QPSK	12	7	21.47	21.42	21.46	23	0				
5	QPSK	12	13	21.52	21.61	21.51						
5	QPSK	25	0	21.54	21.57	21.55						
5	16QAM	1	0	21.52	21.63	21.59						
5	16QAM	1	12	21.49	21.38	21.51	23	0				
5	16QAM	1	24	21.42	21.55	21.39						
5	16QAM	12	0	21.03	21.06	21.16						
5	16QAM	12	7	21.03	21.10	21.22						
5	16QAM	12	13	21.08	21.13	21.22	22.5	0.5				
5	16QAM	25	0	21.00	21.04	21.23						
5	64QAM	1	0	20.72	20.81	20.84						
5	64QAM	1	12	20.91	20.96	21.03						
5	64QAM	1	24	20.96	20.87	20.98	21.5	1.5				
5	64QAM	12	0	20.12	20.12	20.20						
5	64QAM	12	7	20.07	20.07	20.16						
5	64QAM	12	13	20.12	20.19	20.29						
5	64QAM	25	0	20.04	20.19	20.23						

Band 38_Ant 2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.09	23.75	23.07	24.5	0		
20	QPSK	1	49	23.52	23.74	23.56				
20	QPSK	1	99	23.58	23.70	23.57				
20	QPSK	36	0	22.45	22.63	22.42				
20	QPSK	50	24	22.51	22.60	22.52	23.5	1		
20	QPSK	50	50	22.50	22.81	22.53				
20	QPSK	100	0	22.53	22.61	22.53				
20	16QAM	1	0	22.58	22.64	22.56	23.5	1		
20	16QAM	1	49	22.87	22.70	22.84				
20	16QAM	1	99	22.80	22.84	22.53				
20	16QAM	50	0	21.57	21.58	21.57				
20	16QAM	50	24	21.57	21.62	21.57	22.5	2		
20	16QAM	50	50	21.60	21.61	21.51				
20	16QAM	100	0	21.56	21.59	21.55				
20	64QAM	1	0	21.35	21.32	21.30				
20	64QAM	1	49	21.30	21.42	21.41	22.5	2		
20	64QAM	1	99	21.43	21.36	21.17				
20	64QAM	50	0	20.56	20.61	20.60	21.5	3		
20	64QAM	50	24	20.59	20.61	20.57				
20	64QAM	50	50	20.63	20.65	20.55				
20	64QAM	100	0	20.60	20.61	20.57				
Channel				2577.5	2595	2612.5	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)										
15	QPSK	1	0	23.02	23.63	23.02	24.5	0		
15	QPSK	1	37	23.47	23.62	23.55				
15	QPSK	1	74	23.46	23.55	23.54				
15	QPSK	36	0	22.42	22.50	22.52				
15	QPSK	50	24	22.44	22.48	22.55	23.5	1		
15	QPSK	36	39	22.45	22.52	22.50				
15	QPSK	75	0	22.42	22.56	22.43				
15	16QAM	1	0	22.53	22.59	22.42	22.5	1		
15	16QAM	1	37	22.53	22.62	22.49				
15	16QAM	1	74	22.65	22.60	22.58				
15	16QAM	36	0	21.54	21.51	21.56				
15	16QAM	36	20	21.45	21.54	21.52	22.5	2		
15	16QAM	36	39	21.46	21.54	21.44				
15	16QAM	75	0	21.51	21.50	21.47				
15	64QAM	1	0	21.33	21.22	21.27				
15	64QAM	1	37	21.17	21.29	21.27	22.5	2		
15	64QAM	1	74	21.34	21.21	21.27				
15	64QAM	36	0	20.45	20.51	20.56	21.5	3		
15	64QAM	36	20	20.57	20.60	20.44				
15	64QAM	36	39	20.58	20.64	20.41				
15	64QAM	75	0	20.55	20.56	20.56				
Channel				2577.5	2595	2612.5	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)										
10	QPSK	1	0	23.45	23.70	23.55	24.5	0		
10	QPSK	1	25	23.45	23.63	23.47				
10	QPSK	1	49	23.46	23.65	23.49				
10	QPSK	12	0	22.41	22.54	22.43				
10	QPSK	25	12	22.39	22.48	22.45	23.5	1		
10	QPSK	25	25	22.45	22.47	22.49				
10	QPSK	50	0	22.45	22.49	22.44				
10	16QAM	1	0	22.46	22.51	22.41	22.5	1		
10	16QAM	1	25	22.62	22.66	22.56				
10	16QAM	1	49	22.65	22.52	22.46				
10	16QAM	25	0	21.50	21.49	21.56				
10	16QAM	25	12	21.49	21.50	21.55	22.5	2		
10	16QAM	50	0	21.55	21.46	21.49				
10	16QAM	50	25	21.42	21.56	21.40				
10	64QAM	1	0	21.27	21.26	21.28				
10	64QAM	1	25	21.17	21.39	21.32	22.5	2		
10	64QAM	1	49	21.42	21.31	21.02				
10	64QAM	25	0	20.44	20.56	20.47	21.5	3		
10	64QAM	25	12	20.57	20.54	20.48				
10	64QAM	25	25	20.54	20.58	20.52				
10	64QAM	50	0	20.54	20.59	20.54				
Channel				2377.5	2400.0	2422.5	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)										
5	QPSK	1	0	23.02	23.68	23.09	24.5	0		
5	QPSK	1	12	23.51	23.63	23.46				
5	QPSK	12	24	23.48	23.57	23.45				
5	QPSK	12	0	22.51	22.57	22.46				
5	QPSK	12	7	22.47	22.57	22.49	23.5	1		
5	QPSK	12	13	22.43	22.53	22.41				
5	QPSK	25	0	22.39	22.47	22.41				
5	16QAM	1	0	22.42	22.51	22.41	23.5	1		
5	16QAM	1	12	22.64	22.58	22.53				
5	16QAM	1	24	22.65	22.53	22.43				
5	16QAM	12	0	21.52	21.50	21.50				
5	16QAM	12	7	21.52	21.51	21.56	22.5	2		
5	16QAM	12	13	21.56	21.58	21.38				
5	16QAM	25	0	21.44	21.48	21.49				
5	64QAM	1	0	21.20	21.31	21.27				
5	64QAM	1	12	21.19	21.34	21.38	22.5	2		
5	64QAM	1	24	21.37	21.35	21.08				
5	64QAM	12	0	20.50	20.58	20.50	21.5	3		
5	64QAM	12	13	20.51	20.55	20.42				
5	64QAM	25	0	20.56	20.56	20.47				
5	64QAM	25	12	20.45	20.46	20.51				

Band 41_Ant 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Time-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41450				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	21.70	21.70	22.00	21.85	21.52	23	0		
20	QPSK	1	49	21.72	21.57	21.96	21.79	21.57				
20	QPSK	1	99	21.74	21.57	21.96	21.74	21.90				
20	QPSK	50	0	21.75	21.58	21.99	21.72	21.81				
20	QPSK	50	24	21.68	21.56	21.98	21.75	21.84	23	0		
20	QPSK	50	50	21.73	21.55	21.83	21.69	21.78				
20	QPSK	100	0	21.70	21.59	21.86	21.81	21.83				
20	16QAM	1	0	21.65	21.57	21.98	21.81	21.87				
20	16QAM	1	49	21.65	21.56	21.82	21.72	21.81	22.5	0.5		
20	16QAM	1	99	21.70	21.49	21.82	21.65	21.88				
20	16QAM	50	0	21.01	20.90	21.40	21.04	21.35				
20	16QAM	50	24	21.00	20.92	21.43	21.10	21.36				
20	16QAM	50	50	21.00	20.95	21.38	21.21	21.42	21.5	1.5		
20	16QAM	100	0	21.00	20.89	21.49	21.13	21.26				
20	64QAM	1	0	20.82	20.56	21.10	20.78	21.01				
20	64QAM	1	49	20.83	20.74	21.12	20.94	21.12				
20	64QAM	1	99	20.83	20.69	21.08	20.95	21.19	22.5	0		
20	64QAM	50	0	19.98	19.81	20.43	20.14	20.32				
20	64QAM	50	24	19.99	19.90	20.44	20.16	20.32				
20	64QAM	50	50	19.99	19.94	20.45	20.19	20.35				
20	64QAM	100	0	19.98	19.93	20.44	20.19	20.35	21.5	0		
Channel				39725	40173	40620	41108	41515				
Frequency (MHz)				2501.5	2546.3	2593	2637.8	2682.5				
15	QPSK	1	0	21.68	21.59	21.85	21.73	21.87	23	0		
15	QPSK	1	37	21.59	21.47	21.93	21.68	21.73				
15	QPSK	1	74	21.73	21.54	21.81	21.66	21.78				
15	QPSK	36	0	21.65	21.56	21.92	21.61	21.72				
15	QPSK	36	0	21.58	21.40	21.98	21.57	21.68	23	0		
15	QPSK	36	39	21.59	21.52	21.74	21.65	21.65				
15	QPSK	75	0	21.63	21.44	21.77	21.75	21.74				
15	16QAM	1	0	21.51	21.51	21.87	21.79	21.72				
15	16QAM	1	37	21.50	21.46	21.86	21.66	21.70	22.5	0.5		
15	16QAM	1	74	21.63	21.39	21.77	21.50	21.85				
15	16QAM	36	0	21.00	20.76	20.95	21.30	21.26				
15	16QAM	36	20	20.88	20.78	21.09	21.35	21.37				
15	16QAM	36	39	20.88	20.88	21.17	21.38	21.32	21.5	1.5		
15	16QAM	75	0	20.93	20.83	21.09	21.22	21.38				
15	64QAM	1	0	20.77	20.54	20.77	20.98	21.06				
15	64QAM	1	37	20.76	20.72	20.87	20.99	21.08				
15	64QAM	1	74	20.55	20.88	20.88	21.05	20.94	22.5	0		
15	64QAM	36	0	19.83	19.79	20.86	20.16	21.01				
15	64QAM	36	20	19.92	19.81	20.14	20.25	20.41				
15	64QAM	36	39	19.88	19.81	20.09	20.28	20.31				
15	64QAM	75	0	19.83	19.88	20.15	20.22	20.41	21.5	0		
Channel				39700	40160	40620	41080	41540				
Frequency (MHz)				2501	2547	2593	2639	2685				
10	QPSK	1	0	21.75	21.58	21.88	21.81	21.61	23	0		
10	QPSK	1	25	21.57	21.42	21.86	21.75	21.77				
10	QPSK	1	49	21.61	21.54	21.91	21.67	21.88				
10	QPSK	25	0	21.60	21.53	21.88	21.61	21.75				
10	QPSK	25	12	21.59	21.43	21.83	21.58	21.72	23	0		
10	QPSK	25	25	21.69	21.47	21.70	21.64	21.75				
10	QPSK	50	0	21.59	21.47	21.77	21.77	21.68				
10	16QAM	1	0	21.54	21.44	21.93	21.79	21.86				
10	16QAM	1	25	21.50	21.44	21.71	21.59	21.51	23	0		
10	16QAM	1	49	21.61	21.37	21.70	21.59	21.76				
10	16QAM	25	0	20.76	20.69	20.76	21.30	21.29				
10	16QAM	25	12	20.91	20.91	21.03	21.30	21.28				
10	16QAM	25	25	20.86	20.91	21.17	21.33	21.34	22.5	0.5		
10	16QAM	50	0	20.88	20.86	20.98	21.18	21.39				
10	64QAM	1	0	20.76	20.65	20.73	20.86	21.02				
10	64QAM	1	25	20.69	20.62	20.80	21.11	21.03				
10	64QAM	1	49	20.50	20.59	20.94	21.13	21.20	21.5	1.5		
10	64QAM	25	0	19.92	19.86	20.08	20.29	20.32				
10	64QAM	25	12	19.93	19.83	20.07	20.21	20.36				
10	64QAM	25	25	19.98	19.83	20.12	20.26	20.40				
10	64QAM	50	0	19.84	19.79	20.18	20.25	20.38	21.5	0		
Channel				39675 <th>40148</th> <th>40620</th> <th>41093</th> <th>41565</th> <th colspan="2"></th>	40148	40620	41093	41565				
Frequency (MHz)				2498.5 <th>2545.8<th>2593<th>2640.30</th><th>2687.5</th><th colspan="2"></th></th></th>	2545.8 <th>2593<th>2640.30</th><th>2687.5</th><th colspan="2"></th></th>	2593 <th>2640.30</th> <th>2687.5</th> <th colspan="2"></th>	2640.30	2687.5				
5	QPSK	1	0	21.74	21.60	21.85	21.79	21.91	24.5	0		
5	QPSK	1	12	21.66	21.54	21.93	21.66	21.70				
5	QPSK	1	24	21.67	21.56	21.85	21.68	21.78				
5	QPSK	12	0	21.71	21.55	21.94	21.68	21.77				
5	QPSK	12	7	21.52	21.48	21.79	21.64	21.73	23	0		
5	QPSK	12	13	21.63	21.41	21.74	21.58	21.66				
5	QPSK	25	0	21.68	21.45	21.81	21.72	21.77				
5	16QAM	1	0	21.56	21.48	21.90	21.69	21.74				
5	16QAM	1	12	21.58	21.43	21.76	21.71	21.53	23	0		
5	16QAM	1	24	21.63	21.41	21.67	21.53	21.62				
5	16QAM	12	0	20.91	20.81	20.93	21.29	21.29				
5	16QAM	12	7	20.85	20.91	21.09	21.32	21.29				
5	16QAM	12	13	20.86	20.88	21.09	21.39	21.28	22.5	0.5		
5	16QAM	25	0	20.95	20.83	21.11	21.15	21.47				
5	64QAM	1	0	20.70	21.90	20.76	20.90	20.97				
5	64QAM	1	12	20.82	20.68	20.84	21.11	21.11				
5	64QAM	1	24	20.53	20.55	20.85	21.15	20.98	21.5	1.5		
5	64QAM	12	0	19.93	19.77	20.02	20.24	20.29				
5	64QAM	12	7	19.90	19.82	20.05	20.26	20.34				
5	64QAM	12	13	19.94	19.82	20.06	20.22	20.31				
5	64QAM	25	0	19.83	19.86	20.10	20.22	20.38				

Band 41_Ant 2												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Time-up limit (dBm)	MPR (dB)		

Part 96_Band 48_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)		
Channel				55340	55830	56150	56640				
Frequency (MHz)				3560	3609	3641	3690				
20	QPSK	1	0	17.95	17.83	17.80	17.78	18.5	0		
20	QPSK	1	49	17.89	17.70	17.65	17.72				
20	QPSK	1	99	17.76	17.66	17.75	17.68				
20	QPSK	50	24	17.83	17.71	17.62	17.73				
20	QPSK	50	50	17.77	17.78	17.67	17.84				
20	QPSK	100	0	17.88	17.84	17.62	17.78	18.5	0		
20	16QAM	1	0	17.82	17.81	17.57	17.83				
20	16QAM	1	49	17.75	17.78	17.73	17.77				
20	16QAM	1	99	17.73	17.70	17.67	17.79				
20	16QAM	50	0	17.71	17.69	17.67	17.76				
20	16QAM	50	24	17.77	17.72	17.76	17.78	18.5	0		
20	16QAM	50	50	17.80	17.74	17.64	17.81				
20	16QAM	100	0	17.86	17.78	17.75	17.86				
20	64QAM	1	0	17.70	17.67	17.64	17.87				
20	64QAM	1	49	17.74	17.79	17.72	17.74				
20	64QAM	1	99	17.79	17.78	17.63	17.84	18.5	0		
20	64QAM	50	0	17.73	17.70	17.65	17.80				
20	64QAM	50	24	17.76	17.75	17.71	17.85				
20	64QAM	50	50	17.76	17.66	17.71	17.89				
20	64QAM	100	0	17.87	17.71	17.66	17.79				
Channel				55315	55830	56160	56650	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3557.5	3609	3642	3692.5				
15	QPSK	1	0	17.93	17.71	17.74	17.74	18.5	0		
15	QPSK	1	37	17.74	17.62	17.64	17.62				
15	QPSK	1	74	17.68	17.61	17.68	17.60				
15	QPSK	36	0	17.85	17.69	17.68	17.69				
15	QPSK	36	39	17.74	17.77	17.57	17.53				
15	QPSK	75	0	17.87	17.80	17.47	17.72	18.5	0		
15	16QAM	1	0	17.81	17.75	17.56	17.70				
15	16QAM	1	37	17.85	17.78	17.72	17.72				
15	16QAM	1	74	17.69	17.63	17.66	17.67				
15	16QAM	36	0	17.80	17.62	17.57	17.61				
15	16QAM	36	20	17.64	17.70	17.70	17.75	18.5	0		
15	16QAM	36	39	17.67	17.72	17.61	17.74				
15	16QAM	75	0	17.74	17.75	17.68	17.54				
15	64QAM	1	0	17.68	17.64	17.53	17.84				
15	64QAM	1	37	17.62	17.78	17.58	17.71				
15	64QAM	1	74	17.67	17.83	17.58	17.73	18.5	0		
15	64QAM	36	0	17.87	17.68	17.51	17.74				
15	64QAM	36	20	17.67	17.64	17.65	17.73				
15	64QAM	36	39	17.83	17.60	17.57	17.75				
15	64QAM	75	0	17.80	17.59	17.57	17.68				
Channel				55290	55815	56165	56660	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3555	3607.5	3643	3692.5				
10	QPSK	1	0	17.89	17.74	17.68	17.63	18.5	0		
10	QPSK	1	25	17.80	17.65	17.50	17.65				
10	QPSK	1	49	17.68	17.64	17.63	17.60				
10	QPSK	25	0	17.83	17.69	17.58	17.70				
10	QPSK	25	12	17.78	17.67	17.47	17.71				
10	QPSK	25	25	17.73	17.75	17.63	17.53	18.5	0		
10	QPSK	50	0	17.80	17.72	17.60	17.67				
10	16QAM	1	0	17.73	17.75	17.45	17.76				
10	16QAM	1	25	17.60	17.69	17.64	17.74				
10	16QAM	1	49	17.70	17.69	17.58	17.74				
10	16QAM	25	0	17.67	17.66	17.53	17.72	18.5	0		
10	16QAM	25	12	17.65	17.60	17.69	17.61				
10	16QAM	25	25	17.79	17.67	17.62	17.77				
10	16QAM	50	0	17.77	17.75	17.69	17.54				
10	16QAM	1	0	17.62	17.63	17.60	17.75				
10	64QAM	1	25	17.71	17.68	17.63	17.72	18.5	0		
10	64QAM	1	49	17.64	17.63	17.61	17.78				
10	64QAM	25	0	17.58	17.62	17.54	17.79				
10	64QAM	25	12	17.75	17.68	17.70	17.71				
10	64QAM	25	25	17.63	17.58	17.63	17.82				
10	64QAM	50	0	17.80	17.63	17.62	17.68	18.5	0		
5	QPSK	1	0	17.80	17.76	17.65	17.85				
5	QPSK	1	12	17.75	17.57	17.61	17.84				
5	QPSK	1	24	17.65	17.54	17.67	17.82				
5	QPSK	12	0	17.86	17.68	17.62	17.87				
5	QPSK	12	7	17.80	17.59	17.57	17.63	18.5	0		
5	QPSK	12	13	17.75	17.69	17.58	17.58				
5	QPSK	25	0	17.84	17.80	17.48	17.77				
5	16QAM	1	0	17.73	17.74	17.51	17.69				
5	16QAM	1	12	17.66	17.63	17.64	17.64				
5	16QAM	1	24	17.58	17.65	17.65	17.72	18.5	0		
5	16QAM	12	0	17.66	17.60	17.64	17.69				
5	16QAM	12	7	17.72	17.59	17.63	17.70				
5	16QAM	12	13	17.79	17.64	17.56	17.78				
5	16QAM	25	0	17.76	17.74	17.73	17.58				
5	64QAM	1	0	17.55	17.58	17.60	17.75	18.5	0		
5	64QAM	1	12	17.71	17.76	17.63	17.75				
5	64QAM	1	24	17.72	17.75	17.52	17.81				
5	64QAM	12	0	17.63	17.62	17.50	17.69				
5	64QAM	12	7	17.74	17.71	17.69	17.84				
5	64QAM	12	13	17.70	17.61	17.62	17.80	18.5	0		
5	64QAM	25	0	17.82	17.67	17.53	17.78				

Part 96_Band 48_Ant 3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)		
Channel				55340	55340	56150	56640				
Frequency (MHz)				3560	3609	3641	3690				
20	QPSK	1	0	22.58	22.40	22.52	22.45	23	0		
20	QPSK	1	49	22.49	22.39	22.50	22.32				
20	QPSK	1	99	22.51	22.38	22.50	22.30				
20	QPSK	50	0	21.37	21.42	21.45	21.35				
20	QPSK	50	24	21.43	21.27	21.41	21.37				
20	QPSK	50	50	21.46	21.37	21.42	21.27	22	1		
20	QPSK	100	0	21.55	21.31	21.44	21.38				
20	16QAM	1	0	21.53	21.32	21.47	21.29				
20	16QAM	1	49	21.45	21.39	21.44	21.31				
20	16QAM	1	99	21.50	21.28	21.44	21.38		22	1	
20	16QAM	50	0	20.55	20.38	20.53	20.43				
20	16QAM	50	24	20.44	20.33	20.44	20.34				
20	16QAM	50	50	20.44	20.33	20.44	20.34				
20	16QAM	100	0	20.41	20.30	20.42	20.41	21		1	
20	64QAM	1	0	20.54	20.27	20.45	20.39				
20	64QAM	1	49	20.46	20.29	20.50	20.31				
20	64QAM	1	99	20.46	20.29	20.46	20.32				
20	64QAM	50	0	19.60	19.44	19.58	19.45		20	3	
20	64QAM	50	24	19.59	19.41	19.49	19.30				
20	64QAM	50	50	19.53	19.32	19.51	19.38				
20	64QAM	100	0	19.54	19.40	19.45	19.31				
Channel				55315	55315	56160	56605	Turn-up limit (dBm)		MPR (dB)	
Frequency (MHz)				3557.5	3608	3642	3692.5 <td colspan="4"></td>				
15	QPSK	1	0	22.46	22.19	22.45	22.43	23	0		
15	QPSK	1	37	22.38	22.17	22.48	22.28				
15	QPSK	1	74	22.45	22.09	22.47	22.19				
15	QPSK	38	0	21.46	21.42	21.45	21.39				
15	QPSK	38	20	21.36	20.99	21.39	21.28				
15	QPSK	38	39	21.45	21.13	21.27	21.24	22	1		
15	QPSK	75	0	21.47	21.06	21.38	21.31				
15	16QAM	1	0	21.50	21.21	21.38	21.14				
15	16QAM	1	37	21.42	21.19	21.39	21.16				
15	16QAM	1	74	21.43	21.10	21.29	21.29		22	1	
15	16QAM	38	0	20.54	20.17	20.50	20.42				
15	16QAM	38	20	20.46	20.09	20.37	20.30				
15	16QAM	38	39	20.29	20.04	20.50	20.27				
15	16QAM	75	0	20.32	20.14	20.38	20.37	21		2	
15	64QAM	1	0	20.50	20.01	20.35	20.26				
15	64QAM	1	37	20.35	20.07	20.44	20.30				
15	64QAM	1	74	20.35	20.07	20.44	20.30				
15	64QAM	38	0	19.55	19.19	19.48	19.31		20	3	
15	64QAM	38	20	19.45	19.17	19.45	19.20				
15	64QAM	38	39	19.48	19.05	19.38	19.28				
15	64QAM	75	0	19.54	19.12	19.30	19.16				
Channel				55300	55315	56165	56660	Turn-up limit (dBm)		MPR (dB)	
Frequency (MHz)				3555	3607.5	3642.5	3695 <td colspan="4"></td>				
10	QPSK	1	0	22.47	22.20	22.49	22.37	23	0		
10	QPSK	1	25	22.45	22.22	22.44	22.19				
10	QPSK	1	49	22.43	22.19	22.45	22.15				
10	QPSK	25	0	21.42	21.25	21.50	21.36				
10	QPSK	25	12	21.39	21.03	21.29	21.31				
10	QPSK	25	25	21.43	21.12	21.27	21.24	22	1		
10	QPSK	50	0	21.45	21.03	21.43	21.29				
10	16QAM	1	0	21.45	21.15	21.43	21.24				
10	16QAM	1	25	21.39	21.11	21.33	21.18				
10	16QAM	1	49	21.47	21.07	21.39	21.24		22	1	
10	16QAM	25	0	20.45	20.17	20.47	20.29				
10	16QAM	25	12	20.36	20.08	20.39	20.23				
10	16QAM	25	25	20.38	20.06	20.37	20.25				
10	16QAM	50	0	20.27	20.12	20.29	20.30	21		2	
10	64QAM	1	0	20.45	20.07	20.38	20.34				
10	64QAM	1	25	20.34	20.05	20.37	20.17				
10	64QAM	1	49	20.41	20.10	20.43	20.31				
10	64QAM	25	0	19.56	19.23	19.53	19.35		20	3	
10	64QAM	25	12	19.56	19.19	19.48	19.19				
10	64QAM	25	25	19.46	19.12	19.40	19.30				
10	64QAM	50	0	19.48	19.11	19.32	19.23				
Channel				55385	55390	56170	56715 <th>Turn-up limit (dBm)</th> <th>MPR (dB)</th> <th colspan="2"></th>	Turn-up limit (dBm)		MPR (dB)	
Frequency (MHz)				3552.5	3607	3643	3697.5 <td colspan="4"></td>				
5	QPSK	1	0	22.46	22.28	22.50	22.34	23	0		
5	QPSK	1	12	22.41	22.22	22.51	22.21				
5	QPSK	1	24	22.51	22.28	22.48	22.17				
5	QPSK	12	0	21.47	21.16	21.41	21.37				
5	QPSK	12	7	21.33	21.04	21.31	21.28				
5	QPSK	12	13	21.36	21.14	21.28	21.13	22	1		
5	QPSK	25	0	21.49	21.19	21.35	21.28				
5	16QAM	1	0	21.43	21.15	21.36	21.28				
5	16QAM	1	12	21.47	21.08	21.36	21.18				
5	16QAM	1	24	21.44	21.01	21.32	21.31		22	1	
5	16QAM	12	0	20.45	20.12	20.40	20.30				
5	16QAM	12	7	20.33	20.05	20.35	20.28				
5	16QAM	12	13	20.30	20.05	20.48	20.24				
5	16QAM	25	0	20.27	20.02	20.28	20.30	21		2	
5	64QAM	1	0	20.41	20.05	20.37	20.31				
5	64QAM	1	12	20.33	20.13	20.38	20.16				
5	64QAM	1	24	20.37	20.19	20.45	20.38				
5	64QAM	12	0	19.51	19.21	19.48	19.30		20	3	
5	64QAM	12	7	19.49	19.20	19.45	19.22				
5	64QAM	12	13	19.43	19.19	19.43	19.35				
5	64QAM	25	0	19.41	19.17	19.30	19.19				

Part 96_Band 48_Ant 7										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				55340	55830	56150	55640	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	23.36	23.07	23.27	23.18	24.5	0	
20	QPSK	1	49	23.25	22.97	23.23	23.10			
20	QPSK	1	99	23.22	22.97	23.24	23.07			
20	QPSK	50	0	22.35	22.14	22.22	22.22			
20	QPSK	50	24	22.27	22.02	22.11	22.16	23.5	1	
20	QPSK	50	50	22.29	22.10	22.17	22.10			
20	QPSK	100	0	22.33	22.09	22.09	22.17			
20	16QAM	1	49	22.24	22.07	22.08	22.12			
20	16QAM	1	99	22.31	22.01	22.21	22.18	23.5	1	
20	16QAM	1	99	22.22	22.06	22.14	22.14			
20	16QAM	50	0	21.28	21.03	21.17	21.15			
20	16QAM	50	24	21.17	20.91	21.06	21.11			
20	16QAM	50	50	21.23	21.00	21.07	21.03	22.5	2	
20	16QAM	100	0	21.26	20.99	21.05	21.13			
20	64QAM	1	0	21.25	20.91	21.07	21.02			
20	64QAM	1	49	21.14	20.97	21.02	21.14			
20	64QAM	1	99	21.22	20.95	21.02	21.10	22.5	2	
20	64QAM	50	0	20.33	20.09	20.20	20.19			
20	64QAM	50	24	20.31	19.96	20.13	20.13			
20	64QAM	50	50	20.21	19.97	20.07	20.07			
20	64QAM	100	0	20.26	19.98	20.07	20.15	21.5	3	
Channel				55315	55800	56160	55605			
Frequency (MHz)				3567.5 <th>3609<th>3642<th>3692.5</th></th></th>	3609 <th>3642<th>3692.5</th></th>	3642 <th>3692.5</th>	3692.5			
15	QPSK	1	0	23.27	22.94	23.13	23.04			
15	QPSK	1	37	23.16	22.89	23.15	22.96			
15	QPSK	1	74	23.07	22.89	23.11	22.92			
15	QPSK	36	0	22.28	22.13	22.20	22.20			
15	QPSK	36	20	22.14	21.90	22.07	22.02	23.5	1	
15	QPSK	36	39	22.21	22.00	22.06	22.00			
15	QPSK	75	0	22.30	22.04	22.00	22.07			
15	16QAM	1	0	22.17	22.03	21.95	22.08			
15	16QAM	1	37	22.26	21.96	22.19	22.04	23.5	1	
15	16QAM	1	74	22.19	21.94	22.02	22.07			
15	16QAM	36	0	21.18	20.91	21.16	21.14			
15	16QAM	36	20	21.05	20.79	21.05	21.09			
15	16QAM	36	39	21.15	20.96	20.97	20.96	22.5	2	
15	16QAM	75	0	21.21	20.97	20.94	20.90			
15	64QAM	1	0	21.14	20.77	20.94	20.93			
15	64QAM	1	37	21.01	20.83	21.00	21.13			
15	64QAM	1	74	21.15	20.91	20.92	21.08	22.5	2	
15	64QAM	36	0	20.26	19.97	20.06	20.16			
15	64QAM	36	20	20.26	19.81	20.11	20.00			
15	64QAM	36	39	20.15	19.91	19.94	20.06			
15	64QAM	75	0	20.18	19.95	19.97	20.08	21.5	3	
Channel				55300	55815	56170	55615			
Frequency (MHz)				3555 <th>3607.5<th>3642.5<th>3695</th></th></th>	3607.5 <th>3642.5<th>3695</th></th>	3642.5 <th>3695</th>	3695			
10	QPSK	1	0	23.28	22.98	23.20	23.12			
10	QPSK	1	25	23.19	22.83	23.11	23.05			
10	QPSK	1	49	23.07	22.83	23.23	22.97			
10	QPSK	25	0	22.24	22.11	22.08	22.12			
10	QPSK	25	12	22.15	21.93	22.04	22.02	23.5	1	
10	QPSK	25	25	22.23	22.04	22.13	21.96			
10	QPSK	50	0	22.30	21.98	21.97	22.10			
10	16QAM	1	0	22.16	21.92	22.06	22.01			
10	16QAM	1	25	22.15	21.97	22.07	22.04	23.5	1	
10	16QAM	1	49	22.10	22.05	22.07	22.11			
10	16QAM	25	0	21.24	20.92	21.07	21.00			
10	16QAM	25	12	21.07	20.77	20.96	21.05			
10	16QAM	25	25	21.14	20.91	21.02	20.95	22.5	2	
10	16QAM	50	0	21.22	20.81	20.99	21.03			
10	64QAM	1	0	21.17	20.81	20.97	20.90			
10	64QAM	1	25	20.99	20.90	20.89	21.13			
10	64QAM	1	49	21.19	20.88	20.97	21.09	22.5	2	
10	64QAM	25	0	20.30	19.94	20.08	20.07			
10	64QAM	25	12	20.22	19.92	20.01	19.98			
10	64QAM	25	25	20.12	19.92	19.96	19.92			
10	64QAM	50	0	20.18	19.84	19.97	20.02	21.5	3	
Channel				55265	55310	56170	55715			
Frequency (MHz)				3552.5 <th>3607<th>3643<th>3697.5</th></th></th>	3607 <th>3643<th>3697.5</th></th>	3643 <th>3697.5</th>	3697.5			
5	QPSK	1	0	23.33	22.99	23.22	23.08			
5	QPSK	1	12	23.13	22.95	23.19	22.99			
5	QPSK	1	24	23.11	22.85	23.20	22.93			
5	QPSK	12	0	22.23	22.09	22.19	22.14			
5	QPSK	12	7	22.15	21.88	22.08	22.14	23.5	1	
5	QPSK	12	13	22.16	22.08	22.02	22.09			
5	QPSK	25	0	22.27	21.97	22.00	22.11			
5	16QAM	1	0	22.15	22.04	21.93	22.10			
5	16QAM	1	12	22.21	21.89	22.12	22.13	23.5	1	
5	16QAM	1	24	22.06	21.92	22.05	22.02			
5	16QAM	12	0	21.19	20.91	21.07	21.13			
5	16QAM	12	7	21.12	20.84	20.93	21.04			
5	16QAM	12	13	21.20	20.88	20.95	20.90	22.5	2	
5	16QAM	25	0	21.19	20.82	21.03	21.08			
5	64QAM	1	0	21.15	20.76	21.02	20.96			
5	64QAM	1	12	21.04	20.90	20.90	21.02			
5	64QAM	1	24	21.13	20.80	20.91	21.01	22.5	2	
5	64QAM	12	0	20.26	20.02	20.12	20.09			
5	64QAM	12	7	20.18	19.87	20.08	20.00			
5	64QAM	12	13	20.09	19.93	20.03	19.93			
5	64QAM	25	0	20.22	19.93	19.96	20.02	21.5	3	

Reduced Power Mode for ECI17

GSM850_Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.35	32.41	32.49	33.50	23.35	23.41	23.49	24.50
GPRS 1 Tx slot		32.31	32.38	32.46	33.50	23.31	23.38	23.46	24.50
GPRS 2 Tx slots		30.42	30.43	30.58	31.50	24.42	24.43	24.58	25.50
GPRS 3 Tx slots		28.21	28.27	28.36	29.50	23.95	24.01	24.10	25.24
GPRS 4 Tx slots		27.12	27.23	27.21	28.50	24.12	24.23	24.21	25.50
EDGE 1 Tx slot		26.98	26.98	27.05	28.00	17.98	17.98	18.05	19.00
EDGE 2 Tx slots		25.82	25.86	25.86	27.00	19.82	19.86	19.86	21.00
EDGE 3 Tx slots		23.62	23.52	23.64	24.50	19.36	19.26	19.38	20.24
EDGE 4 Tx slots		22.31	22.46	22.57	23.50	19.31	19.46	19.57	20.50

GSM1900_Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1869.8		1850.2	1860	1869.8	
GSM 1 Tx slot		29.26	29.56	29.51	30.50	20.26	20.56	20.51	21.50
GPRS 1 Tx slot		29.24	29.53	29.47	30.50	20.24	20.53	20.47	21.50
GPRS 2 Tx slots		27.42	27.72	27.77	28.50	21.42	21.72	21.77	22.50
GPRS 3 Tx slots		26.21	26.47	26.53	27.50	21.95	22.21	22.27	23.24
GPRS 4 Tx slots		24.98	25.14	25.32	26.50	21.98	22.14	22.32	23.50
EDGE 1 Tx slot		25.82	25.82	25.81	27.00	16.82	16.82	16.81	18.00
EDGE 2 Tx slots		24.49	24.71	24.65	26.00	18.49	18.71	18.65	20.00
EDGE 3 Tx slots		22.15	22.23	22.28	23.50	17.89	17.97	18.02	19.24
EDGE 4 Tx slots		20.87	20.82	21.05	22.00	17.87	17.82	18.05	19.00

GSM1900_Ant 4		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1860.2	1860	1869.8		1860.2	1860	1869.8	
GSM 1 Tx slot		29.43	29.69	29.82	30.50	20.43	20.69	20.82	21.50
GPRS 1 Tx slot		29.40	29.67	29.74	30.50	20.40	20.67	20.74	21.50
GPRS 2 Tx slots		27.49	27.87	27.93	28.50	21.49	21.87	21.93	22.50
GPRS 3 Tx slots		26.26	26.57	26.72	27.50	22.00	22.31	22.46	23.24
GPRS 4 Tx slots		24.94	25.06	25.37	26.50	21.94	22.06	22.37	23.50
EDGE 1 Tx slot		25.88	25.84	25.88	27.00	16.88	16.84	16.88	18.00
EDGE 2 Tx slots		24.58	24.52	24.66	26.00	18.58	18.52	18.66	20.00
EDGE 3 Tx slots		22.35	22.78	22.28	23.50	18.09	18.52	18.02	19.24
EDGE 4 Tx slots		20.72	20.71	20.89	22.00	17.72	17.71	17.89	19.00

Band		WCDMA II_Ant-1			Tune-up Limit (dBm)	WCDMA IV_Ant-1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.96	24.03	24.00	25.00	23.82	23.85	23.79	25.00
3GPP Rel 99	RMTC 12.2Kbps	24.02	24.08	24.05	25.00	23.87	23.93	23.84	25.00
3GPP Rel 6	HSDPA Subtest-1	23.18	23.25	23.22	24.00	23.08	23.18	23.15	24.00
3GPP Rel 6	HSDPA Subtest-2	23.21	23.23	23.20	24.00	23.01	23.13	23.11	24.00
3GPP Rel 6	HSDPA Subtest-3	22.75	22.72	22.70	23.50	22.60	22.69	22.64	23.50
3GPP Rel 6	HSDPA Subtest-4	22.69	22.73	22.68	23.50	22.53	22.62	22.57	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.09	23.19	23.15	24.00	22.96	23.07	23.01	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.12	23.08	23.10	24.00	22.87	23.04	23.06	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.66	22.62	22.65	23.50	22.55	22.55	22.62	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.54	22.54	22.66	23.50	22.51	22.46	22.48	23.50
3GPP Rel 6	HSUPA Subtest-1	21.17	21.23	21.20	22.00	21.07	21.15	21.19	22.00
3GPP Rel 6	HSUPA Subtest-2	21.20	21.25	21.21	22.00	21.11	21.21	21.20	22.00
3GPP Rel 6	HSUPA Subtest-3	22.23	22.26	22.22	23.00	22.09	22.20	22.20	23.00
3GPP Rel 6	HSUPA Subtest-4	20.80	20.77	20.71	22.00	20.57	20.69	20.68	22.00
3GPP Rel 6	HSUPA Subtest-5	22.20	22.28	22.20	24.00	22.10	22.20	22.20	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.09	21.15	21.22	22.50	21.19	21.26	21.23	22.50

Band		WCDMA II_Ant-4			Tune-up Limit (dBm)	WCDMA IV_Ant-4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.82	21.95	21.90	23.00	23.78	23.81	23.74	25.00
3GPP Rel 99	RMTC 12.2Kbps	21.97	22.03	21.90	23.00	23.83	23.85	23.75	25.00
3GPP Rel 6	HSDPA Subtest-1	21.17	21.28	21.32	22.00	22.96	23.07	23.09	24.00
3GPP Rel 6	HSDPA Subtest-2	21.20	21.23	21.35	22.00	22.93	23.05	23.10	24.00
3GPP Rel 6	HSDPA Subtest-3	20.72	20.80	20.87	21.50	22.44	22.59	22.60	23.50
3GPP Rel 6	HSDPA Subtest-4	20.69	20.81	20.80	21.50	22.45	22.55	22.53	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.99	21.13	21.20	22.00	22.89	22.93	23.02	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.13	21.16	21.15	22.00	22.89	23.02	22.96	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.56	20.74	20.67	21.50	22.36	22.51	22.58	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.51	20.69	20.62	21.50	22.30	22.46	22.49	23.50
3GPP Rel 6	HSUPA Subtest-1	19.23	19.35	19.33	20.00	20.93	21.04	21.06	22.00
3GPP Rel 6	HSUPA Subtest-2	19.24	19.32	19.37	20.00	20.98	21.09	21.04	22.00
3GPP Rel 6	HSUPA Subtest-3	20.26	20.31	20.32	21.00	22.00	22.09	22.12	23.00
3GPP Rel 6	HSUPA Subtest-4	19.79	19.81	19.82	20.00	20.40	20.62	20.65	22.00
3GPP Rel 6	HSUPA Subtest-5	20.20	20.30	20.40	22.00	22.00	22.10	22.10	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.13	19.24	19.25	20.50	21.11	21.19	21.08	22.50

Band		WCDMA V_Ant-0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.80	23.87	23.83	25.00
3GPP Rel 99	RMTC 12.2Kbps	23.84	23.95	23.91	25.00
3GPP Rel 6	HSDPA Subtest-1	22.96	22.94	22.92	24.00
3GPP Rel 6	HSDPA Subtest-2	22.89	23.06	22.96	24.00
3GPP Rel 6	HSDPA Subtest-3	22.53	22.61	22.55	23.50
3GPP Rel 6	HSDPA Subtest-4	22.38	22.56	22.51	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.84	22.90	22.91	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.83	22.99	22.89	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.47	22.51	22.41	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.31	22.46	22.41	23.50
3GPP Rel 6	HSUPA Subtest-1	20.90	20.94	20.97	22.00
3GPP Rel 6	HSUPA Subtest-2	20.95	20.98	20.98	22.00
3GPP Rel 6	HSUPA Subtest-3	21.94	21.97	21.98	23.00
3GPP Rel 6	HSUPA Subtest-4	20.45	20.43	20.56	22.00
3GPP Rel 6	HSUPA Subtest-5	22.30	22.10	22.00	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.82	20.89	20.88	22.50

GSM850_Ant 4		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.05	32.26	32.11	33.00	23.05	23.26	23.11	24.00
GPRS 1 Tx slot		32.01	32.21	32.05	33.00	23.01	23.21	23.05	24.00
GPRS 2 Tx slots		30.12	30.26	30.13	31.00	24.12	24.26	24.13	25.00
GPRS 3 Tx slots		27.96	28.04	27.92	29.00	23.60	23.78	23.66	24.74
GPRS 4 Tx slots		26.72	26.87	26.77	28.00	23.72	23.87	23.77	25.00
EDGE 1 Tx slot		26.82	26.87	26.77	27.50	17.82	17.77	17.77	18.50
EDGE 2 Tx slots		25.70	25.68	25.65	26.50	19.70	19.68	19.65	20.50
EDGE 3 Tx slots		23.43	23.48	23.32	24.50	19.17	19.22	19.06	20.24
EDGE 4 Tx slots		22.27	22.27	22.24	23.50	19.27	19.27	19.24	20.50

GSM1900_Ant 2		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
Tx Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1869.8		1850.2	1860	1869.8	
GSM 1 Tx slot		29.66	29.79	29.74	30.50	20.66	20.79	20.74	21.50
GPRS 1 Tx slot		29.66	29.77	29.73	30.50	20.66	20.77	20.73	21.50
GPRS 2 Tx slots		27.78	27.86	27.90	28.50	21.78	21.86	21.90	22.50
GPRS 3 Tx slots		26.58	26.68	26.65	27.50	22.32	22.42	22.39	23.24
GPRS 4 Tx slots		25.27	25.35	25.38	26.50	22.27	22.35	22.38	23.50
EDGE 1 Tx slot		25.59	26.14	26.06	27.00	16.99	17.14	17.06	18.00
EDGE 2 Tx slots		24.78	24.88	24.84	25.80	16.78	16.88	16.85	17.80
EDGE 3 Tx slots		22.54	22.60	22.58	23.50	16.28	16.34	16.32	19.24
EDGE 4 Tx slots		21.26	21.31	21.29	22.00	15.26	15.31	15.29	19.00

Band 2_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	23.41	23.43	23.35	24.5	0		
20	QPSK	1	49	23.38	23.40	23.37				
20	QPSK	1	99	23.29	23.32	23.31				
20	QPSK	50	0	22.37	22.40	22.36	23.5	1		
20	QPSK	50	24	22.32	22.35	22.34				
20	QPSK	50	50	22.34	22.37	22.34				
20	QPSK	100	0	22.35	22.37	22.35	23.5	1		
20	16QAM	1	0	22.71	22.57	22.61				
20	16QAM	1	49	22.70	22.57	22.64				
20	16QAM	1	99	22.59	22.52	22.51	22.5	2		
20	16QAM	50	0	21.39	21.35	21.37				
20	16QAM	50	24	21.36	21.39	21.33				
20	16QAM	50	50	21.33	21.36	21.32	21.5	3		
20	16QAM	100	0	21.34	21.35	21.33				
20	64QAM	1	0	21.64	21.49	21.52				
20	64QAM	1	49	21.60	21.59	21.51	22.5	2		
20	64QAM	1	99	21.44	21.48	21.49				
20	64QAM	50	0	20.40	20.37	20.40				
20	64QAM	50	24	20.39	20.41	20.36	21.5	3		
20	64QAM	50	50	20.35	20.37	20.33				
20	64QAM	100	0	20.37	20.36	20.34				
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	1880	1902.5				
15	QPSK	1	0	23.28	23.26	23.23	24.5	0		
15	QPSK	1	37	23.41	23.33	23.25				
15	QPSK	1	74	23.22	23.17	23.17				
15	QPSK	36	0	22.33	22.29	22.35	23.5	1		
15	QPSK	36	20	22.24	22.19	22.22				
15	QPSK	36	39	22.30	22.24	22.23				
15	QPSK	75	0	22.34	22.32	22.23	23.5	1		
15	16QAM	1	0	22.42	22.58	22.50				
15	16QAM	1	37	22.52	22.62	22.56				
15	16QAM	1	74	22.49	22.58	22.39	22.5	2		
15	16QAM	36	0	21.29	21.27	21.29				
15	16QAM	36	20	21.33	21.23	21.23				
15	16QAM	36	39	21.24	21.29	21.21	21.5	3		
15	16QAM	75	0	21.29	21.22	21.21				
15	64QAM	1	0	21.45	21.53	21.41				
15	64QAM	1	37	21.49	21.59	21.38	22.5	2		
15	64QAM	1	74	21.33	21.37	21.39				
15	64QAM	36	0	20.35	20.30	20.26				
15	64QAM	36	20	20.28	20.32	20.21	21.5	3		
15	64QAM	36	39	20.31	20.22	20.24				
15	64QAM	75	0	20.27	20.31	20.24				
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	0	23.29	23.33	23.19	24.5	0		
10	QPSK	1	25	23.35	23.33	23.35				
10	QPSK	1	49	23.29	23.25	23.17				
10	QPSK	25	0	22.36	22.23	22.25	23.5	1		
10	QPSK	25	12	22.29	22.17	22.19				
10	QPSK	25	25	22.27	22.30	22.26				
10	QPSK	50	0	22.27	22.24	22.28	23.5	1		
10	16QAM	1	0	22.54	22.57	22.51				
10	16QAM	1	25	22.53	22.66	22.51				
10	16QAM	1	49	22.48	22.45	22.36	22.5	2		
10	16QAM	25	0	21.25	21.25	21.25				
10	16QAM	25	12	21.35	21.31	21.22				
10	16QAM	25	25	21.32	21.32	21.18	21.5	3		
10	16QAM	50	0	21.22	21.26	21.24				
10	64QAM	1	0	21.44	21.58	21.47				
10	64QAM	1	25	21.49	21.45	21.47	22.5	2		
10	64QAM	1	49	21.41	21.43	21.48				
10	64QAM	25	0	20.27	20.39	20.33				
10	64QAM	25	12	20.26	20.34	20.21	21.5	3		
10	64QAM	25	25	20.25	20.20	20.23				
10	64QAM	50	0	20.28	20.36	20.20				
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	0	23.23	23.33	23.27	24.5	0		
5	QPSK	1	12	23.42	23.39	23.22				
5	QPSK	1	24	23.28	23.21	23.33				
5	QPSK	12	0	22.39	22.25	22.21	23.5	1		
5	QPSK	12	7	22.25	22.19	22.25				
5	QPSK	12	13	22.26	22.22	22.23				
5	QPSK	25	0	22.30	22.33	22.33	23.5	1		
5	16QAM	1	0	22.47	22.62	22.61				
5	16QAM	1	12	22.44	22.56	22.50				
5	16QAM	1	24	22.47	22.53	22.47	22.5	2		
5	16QAM	12	0	21.34	21.31	21.30				
5	16QAM	12	7	21.33	21.34	21.19				
5	16QAM	12	13	21.26	21.19	21.19	21.5	3		
5	16QAM	25	0	21.28	21.32	21.22				
5	64QAM	1	0	21.44	21.50	21.39				
5	64QAM	1	12	21.54	21.47	21.44	22.5	2		
5	64QAM	1	24	21.35	21.34	21.42				
5	64QAM	12	0	20.33	20.37	20.25				
5	64QAM	12	7	20.40	20.29	20.23	21.5	3		
5	64QAM	12	13	20.30	20.29	20.30				
5	64QAM	25	0	20.32	20.27	20.21				
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1851.5	1880	1908.5				
3	QPSK	1	0	23.35	23.30	23.25	24.5	0		
3	QPSK	1	8	23.29	23.37	23.28				
3	QPSK	1	14	23.27	23.14	23.19				
3	QPSK	8	0	22.28	22.29	22.34	23.5	1		
3	QPSK	8	4	22.27	22.21	22.28				
3	QPSK	8	7	22.25	22.22	22.26				
3	QPSK	15	0	22.22	22.22	22.22	23.5	1		
3	16QAM	1	0	22.51	22.62	22.49				
3	16QAM	1	8	22.49	22.64	22.61				
3	16QAM	1	14	22.45	22.58	22.50	22.5	2		
3	16QAM	8	0	21.25	21.33	21.34				
3	16QAM	8	4	21.32	21.33	21.22				
3	16QAM	8	7	21.32	21.20	21.20	21.5	3		
3	16QAM	15	0	21.30	21.21	21.22				
3	64QAM	1	0	21.38	21.57	21.45				
3	64QAM	1	8	21.50	21.47	21.48	22.5	2		
3	64QAM	1	14	21.42	21.42	21.36				
3	64QAM	8	0	20.31	20.31	20.39				
3	64QAM	8	4	20.31	20.30	20.28	21.5	3		
3	64QAM	8	7	20.36	20.25	20.18				
3	64QAM	15	0	20.28	20.33	20.33				
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	1880	1909.3				
1.4	QPSK	1	0	23.36	23.32	23.28	24.5	0		
1.4	QPSK	1	3	23.29	23.36	23.28				
1.4	QPSK	1	23	23.19	23.16	23.14				
1.4	QPSK	3	0	23.26	23.39	23.26	23.5	1		
1.4	QPSK	3	1	23.40	23.29	23.22				
1.4	QPSK	3	1	23.18	23.20	23.20				
1.4	QPSK	6	0	22.22	22.26	22.25	23.5	1		
1.4	16QAM	1	0	22.46	22.70	22.54				
1.4	16QAM	1	3	22.43	22.65	22.59				
1.4	16QAM	1	5	22.39	22.48	22.38	22.5	2		
1.4	16QAM	3	0	22.52	22.62	22.45				
1.4	16QAM	3	1	22.51	22.68	22.52				
1.4	16QAM	3	3	22.47	22.58	22.48	22.5	2		
1.4	16QAM	6	0	21.23	21.30	21.19				
1.4	64QAM	1	0	21.39	21.59	21.38				
1.4	64QAM	1	3	21.55	21.53	21.44	22.5	2		
1.4	64QAM	1	5	21.47	21.32	21.44				
1.4	64QAM	3	0	21.47	21.59	21.37				
1.4	64QAM	3	1	21.56	21.48	21.48	21.5	3		
1.4	64QAM	3	3	21.46	21.31	21.30				
1.4	64QAM	6	0	20.35	20.32	20.39				

Band 4_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	23.25	23.30	23.27	24.5	0	
20	QPSK	1	49	23.22	23.26	23.20			
20	QPSK	1	99	23.11	23.15	23.22			
20	QPSK	50	0	22.29	22.31	22.27	23.5	1	
20	QPSK	50	24	22.27	22.22	22.25			
20	QPSK	50	50	22.21	22.16	22.26			
20	QPSK	100	0	22.24	22.23	22.26	23.5	1	
20	16QAM	1	0	22.52	22.53	22.49			
20	16QAM	1	49	22.53	22.51	22.48			
20	16QAM	1	99	22.44	22.36	22.50	22.5	2	
20	16QAM	50	0	21.23	21.20	21.21			
20	16QAM	50	24	21.26	21.19	21.26			
20	16QAM	50	50	21.22	21.20	21.26	22.5	2	
20	16QAM	100	0	21.22	21.21	21.24			
20	64QAM	1	0	21.34	21.45	21.41			
20	64QAM	1	49	21.42	21.43	21.46	22.5	2	
20	64QAM	1	99	21.27	21.25	21.42			
20	64QAM	50	0	20.24	20.22	20.21			
20	64QAM	50	24	20.27	20.21	20.27	21.5	3	
20	64QAM	50	50	20.21	20.19	20.27			
20	64QAM	100	0	20.23	20.19	20.25			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	23.15	23.16	23.22	24.5	0	
15	QPSK	1	37	23.09	23.16	23.13			
15	QPSK	1	74	23.10	23.03	23.12			
15	QPSK	36	0	22.22	22.17	22.17	23.5	1	
15	QPSK	36	20	22.12	22.19	22.24			
15	QPSK	36	39	22.11	22.06	22.15			
15	QPSK	75	0	22.09	22.21	22.25	23.5	1	
15	16QAM	1	0	22.49	22.41	22.34			
15	16QAM	1	37	22.39	22.49	22.40			
15	16QAM	1	74	22.40	22.30	22.42	22.5	2	
15	16QAM	36	0	21.22	21.05	21.15			
15	16QAM	36	20	21.16	21.05	21.19			
15	16QAM	36	39	21.09	21.13	21.13	22.5	2	
15	16QAM	75	0	21.13	21.10	21.20			
15	64QAM	1	0	21.27	21.39	21.28			
15	64QAM	1	37	21.30	21.38	21.37	22.5	2	
15	64QAM	1	74	21.13	21.21	21.33			
15	64QAM	36	0	20.17	20.18	20.07			
15	64QAM	36	20	20.26	20.20	20.26	21.5	3	
15	64QAM	36	39	20.11	20.05	20.21			
15	64QAM	75	0	20.20	20.08	20.20			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	23.14	23.18	23.18	24.5	0	
10	QPSK	1	25	23.07	23.12	23.19			
10	QPSK	1	49	23.06	23.07	23.19			
10	QPSK	25	0	22.16	22.21	22.21	23.5	1	
10	QPSK	25	12	22.14	22.11	22.18			
10	QPSK	25	25	22.14	22.14	22.14			
10	QPSK	50	0	22.18	22.14	22.14	23.5	1	
10	16QAM	1	0	22.39	22.43	22.38			
10	16QAM	1	25	22.51	22.47	22.42			
10	16QAM	1	49	22.37	22.34	22.47	22.5	2	
10	16QAM	25	0	21.18	21.19	21.07			
10	16QAM	25	12	21.15	21.09	21.17			
10	16QAM	25	25	21.07	21.13	21.25	22.5	2	
10	16QAM	50	0	21.17	21.14	21.20			
10	64QAM	1	0	21.25	21.33	21.30			
10	64QAM	1	25	21.38	21.36	21.40	22.5	2	
10	64QAM	1	49	21.17	21.13	21.29			
10	64QAM	25	0	20.13	20.08	20.06			
10	64QAM	25	12	20.23	20.07	20.25	21.5	3	
10	64QAM	25	25	20.12	20.07	20.21			
10	64QAM	50	0	20.15	20.05	20.20			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	23.16	23.18	23.24	24.5	0	
5	QPSK	1	12	23.09	23.18	23.24			
5	QPSK	1	24	23.06	23.00	23.10			
5	QPSK	12	0	22.14	22.24	22.16	23.5	1	
5	QPSK	12	7	22.20	22.16	22.14			
5	QPSK	12	13	22.18	22.15	22.21			
5	QPSK	25	0	22.23	22.28	22.14	23.5	1	
5	16QAM	1	0	22.40	22.41	22.35			
5	16QAM	1	12	22.50	22.37	22.34			
5	16QAM	1	24	22.33	22.35	22.45	22.5	2	
5	16QAM	12	0	21.17	21.06	21.16			
5	16QAM	12	7	21.17	21.07	21.21			
5	16QAM	12	13	21.16	21.07	21.25	22.5	2	
5	16QAM	25	0	21.13	21.05	21.09			
5	64QAM	1	0	21.20	21.39	21.40			
5	64QAM	1	12	21.31	21.36	21.45	22.5	2	
5	64QAM	1	24	21.25	21.11	21.33			
5	64QAM	12	0	20.14	20.20	20.14			
5	64QAM	12	7	20.16	20.11	20.14	21.5	3	
5	64QAM	12	13	20.13	20.16	20.25			
5	64QAM	25	0	20.11	20.11	20.23			
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	23.14	23.15	23.20	24.5	0	
3	QPSK	1	8	23.15	23.21	23.11			
3	QPSK	1	14	22.97	23.07	23.16			
3	QPSK	8	0	22.18	22.20	22.12	23.5	1	
3	QPSK	8	4	22.25	22.18	22.12			
3	QPSK	8	7	22.19	22.16	22.12			
3	QPSK	15	0	22.09	22.27	22.24	23.5	1	
3	16QAM	1	0	22.45	22.40	22.45			
3	16QAM	1	8	22.45	22.47	22.40			
3	16QAM	1	14	22.33	22.22	22.46	22.5	2	
3	16QAM	8	0	21.21	21.08	21.10			
3	16QAM	8	4	21.22	21.10	21.15			
3	16QAM	8	7	21.07	21.09	21.15	22.5	2	
3	16QAM	15	0	21.08	21.06	21.12			
3	64QAM	1	0	21.30	21.43	21.29			
3	64QAM	1	8	21.36	21.29	21.40	22.5	2	
3	64QAM	1	14	21.13	21.12	21.38			
3	64QAM	8	0	20.18	20.15	20.13			
3	64QAM	8	4	20.12	20.13	20.13	21.5	3	
3	64QAM	8	7	20.07	20.04	20.18			
3	64QAM	15	0	20.08	20.08	20.10			
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	23.15	23.22	23.17	24.5	0	
1.4	QPSK	1	3	23.20	23.16	23.23			
1.4	QPSK	1	5	22.98	23.12	23.18			
1.4	QPSK	3	0	23.14	23.25	23.25	23.5	1	
1.4	QPSK	3	1	23.07	23.24	23.19			
1.4	QPSK	3	3	23.01	23.08	23.21			
1.4	QPSK	6	0	22.12	22.26	22.12	23.5	1	
1.4	16QAM	1	0	22.40	22.38	22.36	23.5	1	
1.4	16QAM	1	3	22.48	22.39	22.38			
1.4	16QAM	1	5	22.40	22.35	22.45			
1.4	16QAM	3	0	22.38	22.36	22.43	22.5	2	
1.4	16QAM	3	1	22.51	22.40	22.47			
1.4	16QAM	3	3	22.43	22.30	22.46			
1.4	64QAM	1	0	21.33	21.38	21.36	22.5	2	
1.4	64QAM	1	3	21.29	21.37	21.41			
1.4	64QAM	1	5	21.21	21.13	21.36			
1.4	64QAM	3	0	21.22	21.43	21.26	21.5	3	
1.4	64QAM	3	1	21.26	21.38	21.30			
1.4	64QAM	3	3	21.21	21.17	21.35			
1.4	64QAM	6	0	20.16	20.11	20.22	21.5	3	

Band 5_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.76	23.87	23.86	25	0		
10	QPSK	1	25	23.66	23.74	23.53				
10	QPSK	1	49	23.70	23.82	23.74				
10	QPSK	25	0	22.64	22.77	22.74				
10	QPSK	25	12	22.63	22.67	22.72				
10	QPSK	25	25	22.63	22.69	22.70	24	1		
10	QPSK	50	0	22.67	22.75	22.73				
10	16QAM	1	0	22.74	22.93	22.97				
10	16QAM	1	25	22.74	22.74	23.02				
10	16QAM	1	49	22.71	23.00	22.97				
10	16QAM	25	0	21.66	21.63	21.74	23	2		
10	16QAM	25	12	21.60	21.71	21.69				
10	16QAM	25	25	21.60	21.78	21.71				
10	16QAM	50	0	21.62	21.73	21.71				
10	64QAM	1	0	21.93	22.06	21.96				
10	64QAM	1	25	21.85	21.77	21.95	23	2		
10	64QAM	1	49	21.84	21.98	21.81				
10	64QAM	25	0	20.60	20.73	20.66				
10	64QAM	25	12	20.52	20.62	20.69				
10	64QAM	25	25	20.66	20.68	20.81				
10	64QAM	50	0	20.63	20.68	20.74	22	3		
Channel				20425	20525	20625				
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	23.75	23.85	23.83	25	0		
5	QPSK	1	12	23.54	23.73	23.39				
5	QPSK	1	24	23.65	23.77	23.62				
5	QPSK	12	0	22.60	22.72	22.61				
5	QPSK	12	7	22.51	22.56	22.71				
5	QPSK	12	13	22.55	22.62	22.62	24	1		
5	QPSK	25	0	22.56	22.62	22.66				
5	16QAM	1	0	22.67	22.80	22.91				
5	16QAM	1	12	22.61	22.62	22.93				
5	16QAM	1	24	22.67	22.90	22.86				
5	16QAM	12	0	21.65	21.54	21.72	23	2		
5	16QAM	12	7	21.56	21.64	21.65				
5	16QAM	12	13	21.57	21.73	21.70				
5	16QAM	25	0	21.61	21.66	21.58				
5	64QAM	1	0	21.89	22.01	21.87				
5	64QAM	1	12	21.75	21.69	21.94	23	2		
5	64QAM	1	24	21.72	21.93	21.76				
5	64QAM	12	0	20.49	20.67	20.60				
5	64QAM	12	7	20.46	20.50	20.58				
5	64QAM	12	13	20.57	20.55	20.72				
5	64QAM	25	0	20.68	20.62	20.74	22	3		
Channel				20415	20525	20635				
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	23.74	23.81	23.76	25	0		
3	QPSK	1	8	23.52	23.66	23.39				
3	QPSK	1	14	23.61	23.69	23.70				
3	QPSK	8	0	22.57	22.76	22.71				
3	QPSK	8	4	22.62	22.59	22.69				
3	QPSK	8	7	22.60	22.61	22.69	24	1		
3	QPSK	15	0	22.59	22.73	22.64				
3	16QAM	1	0	22.62	22.89	22.88				
3	16QAM	1	8	22.72	22.68	22.97				
3	16QAM	1	14	22.68	22.88	22.91				
3	16QAM	8	0	21.65	21.57	21.63	23	2		
3	16QAM	8	4	21.48	21.63	21.63				
3	16QAM	8	7	21.59	21.64	21.64				
3	16QAM	15	0	21.53	21.61	21.56				
3	64QAM	1	0	21.80	21.95	21.95				
3	64QAM	1	8	21.78	21.69	21.88	23	2		
3	64QAM	1	14	21.70	21.85	21.70				
3	64QAM	8	0	20.49	20.66	20.51				
3	64QAM	8	4	20.42	20.48	20.57				
3	64QAM	8	7	20.63	20.65	20.73				
3	64QAM	15	0	20.68	20.59	20.65	22	3		
Channel				20407	20525	20643				
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.69	23.72	23.84	25	0		
1.4	QPSK	1	3	23.51	23.71	23.45				
1.4	QPSK	1	5	23.57	23.77	23.65				
1.4	QPSK	3	0	23.71	23.80	23.85				
1.4	QPSK	3	1	23.63	23.68	23.45				
1.4	QPSK	3	3	23.69	23.70	23.73	24	1		
1.4	QPSK	6	0	22.58	22.61	22.65				
1.4	16QAM	1	0	22.73	22.91	22.88				
1.4	16QAM	1	3	22.64	22.59	23.00				
1.4	16QAM	1	5	22.66	22.86	22.84				
1.4	16QAM	3	0	22.73	22.86	22.87	24	1		
1.4	16QAM	3	1	22.64	22.71	23.01				
1.4	16QAM	3	3	22.59	22.88	22.86				
1.4	16QAM	6	0	21.57	21.64	21.67				
1.4	64QAM	1	0	21.92	21.93	21.87				
1.4	64QAM	1	3	21.82	21.73	21.92	23	2		
1.4	64QAM	1	5	21.80	21.92	21.80				
1.4	64QAM	3	0	21.49	21.75	21.69				
1.4	64QAM	3	1	21.53	21.69	21.70				
1.4	64QAM	3	3	21.98	21.99	21.97				
1.4	64QAM	6	0	20.60	20.59	20.77	22	3		

Band 5_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.63	23.66	23.64	25	0		
10	QPSK	1	25	23.49	23.44	23.50				
10	QPSK	1	49	23.47	23.61	23.57				
10	QPSK	25	0	22.59	22.63	22.55				
10	QPSK	25	12	22.54	22.49	22.50				
10	QPSK	25	25	22.55	22.56	22.47	24	1		
10	QPSK	50	0	22.56	22.60	22.52				
10	16QAM	1	0	22.85	23.05	22.80				
10	16QAM	1	25	22.71	22.81	23.01				
10	16QAM	1	49	22.88	22.87	22.93				
10	16QAM	25	0	21.57	21.47	21.60	23	2		
10	16QAM	25	12	21.62	21.42	21.64				
10	16QAM	25	25	21.61	21.46	21.62				
10	16QAM	50	0	21.61	21.46	21.61				
10	64QAM	1	0	21.75	21.87	21.80				
10	64QAM	1	25	21.76	21.60	21.66	23	2		
10	64QAM	1	49	21.62	21.68	21.94				
10	64QAM	25	0	20.50	20.53	20.61				
10	64QAM	25	12	20.49	20.46	20.48				
10	64QAM	25	25	20.52	20.58	20.52	22	3		
10	64QAM	50	0	20.51	20.51	20.61				
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	23.51	23.64	23.58	25	0		
5	QPSK	1	12	23.41	23.42	23.42				
5	QPSK	1	24	23.32	23.59	23.52				
5	QPSK	12	0	22.48	22.58	22.40				
5	QPSK	12	7	22.52	22.46	22.45				
5	QPSK	12	14	22.43	22.54	22.33	24	1		
5	QPSK	25	0	22.54	22.57	22.93				
5	16QAM	1	0	22.84	23.03	22.66				
5	16QAM	1	12	22.58	22.71	22.90				
5	16QAM	1	24	22.80	22.84	22.92				
5	16QAM	12	0	21.49	21.46	21.53	23	2		
5	16QAM	12	7	21.58	21.30	21.53				
5	16QAM	12	13	21.53	21.41	21.61				
5	16QAM	25	0	21.58	21.56	21.48				
5	64QAM	1	0	21.63	21.85	21.76				
5	64QAM	1	12	21.61	21.55	21.61	23	2		
5	64QAM	1	24	21.48	21.59	21.85				
5	64QAM	12	0	20.40	20.40	20.48				
5	64QAM	12	7	20.34	20.36	20.36				
5	64QAM	12	13	20.40	20.56	20.41	22	3		
5	64QAM	25	0	20.42	20.50	20.55				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	23.54	23.64	23.61	25	0		
3	QPSK	1	8	23.35	23.41	23.40				
3	QPSK	1	14	23.44	23.53	23.48				
3	QPSK	8	0	22.53	22.61	22.42				
3	QPSK	8	4	22.43	22.44	22.40				
3	QPSK	8	7	22.41	22.52	22.40	24	1		
3	QPSK	15	0	22.54	22.56	22.44				
3	16QAM	1	0	22.80	22.93	22.73				
3	16QAM	1	8	22.70	22.78	22.89				
3	16QAM	1	14	22.77	22.83	22.85				
3	16QAM	8	0	21.53	21.24	21.46	23	2		
3	16QAM	8	7	21.57	21.39	21.53				
3	16QAM	8	7	21.53	21.37	21.56				
3	16QAM	15	0	21.59	21.31	21.47				
3	64QAM	1	0	21.63	21.78	21.79				
3	64QAM	1	8	21.65	21.53	21.55	23	2		
3	64QAM	1	14	21.55	21.61	21.88				
3	64QAM	8	0	20.49	20.41	20.36				
3	64QAM	8	4	20.36	20.44	20.60				
3	64QAM	8	7	20.43	20.42	20.46	22	3		
3	64QAM	15	0	20.43	20.42	20.48				
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.57	23.56	23.57	25	0		
1.4	QPSK	1	3	23.46	23.42	23.40				
1.4	QPSK	1	5	23.37	23.51	23.43				
1.4	QPSK	3	0	23.54	23.60	23.54				
1.4	QPSK	3	1	23.45	23.29	23.49				
1.4	QPSK	3	3	23.46	23.54	23.45	24	1		
1.4	QPSK	6	0	22.43	22.47	22.39				
1.4	16QAM	1	0	22.78	22.99	22.67				
1.4	16QAM	1	3	22.40	22.51	22.99				
1.4	16QAM	1	5	22.87	22.79	22.87				
1.4	16QAM	3	0	22.80	23.02	22.79	24	1		
1.4	16QAM	3	1	22.66	22.72	22.92				
1.4	16QAM	3	3	22.74	22.72	22.86				
1.4	16QAM	6	0	21.50	21.37	21.58				
1.4	64QAM	1	0	21.71	21.77	21.67	23	2		
1.4	64QAM	1	3	21.62	21.53	21.63				
1.4	64QAM	1	5	21.57	21.54	21.83				
1.4	64QAM	3	0	21.61	21.85	21.69				
1.4	64QAM	3	1	21.63	21.59	21.57				
1.4	64QAM	3	3	21.60	21.54	21.91	22			
1.4	64QAM	6	0	20.45	20.42	20.50				

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	22	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	21.30	21.38	21.29			
20	QPSK	1	49	21.16	21.30	21.18			
20	QPSK	1	99	21.19	21.29	21.24			
20	QPSK	50	0	21.29	21.35	21.27			
20	QPSK	50	24	21.18	21.32	21.26			
20	QPSK	50	50	21.28	21.24	21.23			
20	QPSK	100	0	21.23	21.31	21.20			
20	16QAM	1	0	21.20	21.31	21.25			
20	16QAM	1	49	21.17	21.27	21.23			
20	16QAM	1	99	21.28	21.30	21.19			
20	16QAM	50	0	21.16	21.23	21.27			
20	16QAM	50	24	21.21	21.33	21.16			
20	16QAM	50	50	21.29	21.35	21.19			
20	16QAM	100	0	21.20	21.33	21.26			
20	64QAM	1	0	21.21	21.24	21.26			
20	64QAM	1	49	21.23	21.26	21.14			
20	64QAM	1	99	21.25	21.32	21.25			
20	64QAM	50	0	20.61	20.76	20.76			
20	64QAM	50	24	20.68	20.82	20.71			
20	64QAM	50	50	20.71	20.80	20.70			
20	64QAM	100	0	20.65	20.78	20.72			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	22	0	
15	QPSK	1	0	21.20	21.26	21.14			
15	QPSK	1	37	21.12	21.17	21.09			
15	QPSK	1	74	21.14	21.28	21.16			
15	QPSK	36	0	21.15	21.26	21.20			
15	QPSK	36	20	21.14	21.27	21.11			
15	QPSK	36	39	21.20	21.20	21.22			
15	QPSK	75	0	21.10	21.29	21.12			
15	16QAM	1	0	21.06	21.27	21.15			
15	16QAM	1	37	21.02	21.20	21.10			
15	16QAM	1	74	21.25	21.16	21.13			
15	16QAM	36	0	21.11	21.21	21.14			
15	16QAM	36	20	21.15	21.31	21.14			
15	16QAM	36	39	21.17	21.23	21.06			
15	16QAM	75	0	21.14	21.23	21.15			
15	64QAM	1	0	21.18	21.22	21.23			
15	64QAM	1	37	21.21	21.13	21.11			
15	64QAM	1	74	21.23	21.23	21.16			
15	64QAM	36	0	20.57	20.69	20.62			
15	64QAM	36	20	20.58	20.81	20.56			
15	64QAM	36	39	20.56	20.77	20.69			
15	64QAM	75	0	20.51	20.74	20.62			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	22	0	
10	QPSK	1	0	21.25	21.28	21.26			
10	QPSK	1	25	21.12	21.19	21.11			
10	QPSK	1	49	21.09	21.22	21.17			
10	QPSK	25	0	21.23	21.21	21.18			
10	QPSK	25	12	21.17	21.19	21.24			
10	QPSK	25	25	21.15	21.11	21.20			
10	QPSK	50	0	21.10	21.22	21.12			
10	16QAM	1	0	21.11	21.24	21.23			
10	16QAM	1	25	21.16	21.22	21.17			
10	16QAM	1	49	21.15	21.15	21.06			
10	16QAM	25	0	21.03	21.10	21.17			
10	16QAM	25	12	21.16	21.18	21.13			
10	16QAM	50	0	21.14	21.24	21.18			
10	64QAM	1	0	21.09	21.11	21.18			
10	64QAM	1	25	21.12	21.13	21.01			
10	64QAM	1	49	21.11	21.18	21.16			
10	64QAM	25	0	20.48	20.74	20.74			
10	64QAM	25	12	20.65	20.73	20.69			
10	64QAM	25	25	20.60	20.72	20.62			
10	64QAM	50	0	20.62	20.72	20.65			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	22	0	
5	QPSK	1	0	21.18	21.36	21.21			
5	QPSK	1	12	21.09	21.26	21.03			
5	QPSK	1	24	21.05	21.20	21.20			
5	QPSK	12	0	21.16	21.25	21.22			
5	QPSK	12	7	21.15	21.23	21.24			
5	QPSK	12	13	21.22	21.10	21.09			
5	QPSK	25	0	21.12	21.26	21.18			
5	16QAM	1	0	21.14	21.16	21.11			
5	16QAM	1	12	21.16	21.15	21.10			
5	16QAM	1	24	21.24	21.24	21.06			
5	16QAM	12	0	21.01	21.21	21.15			
5	16QAM	12	7	21.08	21.24	21.07			
5	16QAM	12	13	21.26	21.27	21.12			
5	16QAM	25	0	21.14	21.28	21.12			
5	64QAM	1	0	21.13	21.17	21.20			
5	64QAM	1	12	21.15	21.25	21.10			
5	64QAM	1	24	21.12	21.25	21.20			
5	64QAM	12	0	20.59	20.64	20.62			
5	64QAM	12	7	20.57	20.68	20.67			
5	64QAM	12	13	20.62	20.75	20.57			
5	64QAM	25	0	20.62	20.73	20.68			

Band 12_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130	24.5	0		
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	23.66	23.72	23.69				
10	QPSK	1	25	23.60	23.64	23.54				
10	QPSK	1	49	23.62	23.43	23.38	23.5	1		
10	QPSK	25	0	22.55	22.60	22.53				
10	QPSK	25	12	22.51	22.52	22.51				
10	QPSK	25	25	22.53	22.56	22.45				
10	QPSK	50	0	22.53	22.58	22.47	23.5	1		
10	16QAM	1	0	22.95	22.63	22.99				
10	16QAM	1	25	22.94	22.69	22.70				
10	16QAM	1	49	22.99	22.76	22.64				
10	16QAM	25	0	21.52	21.64	21.46	22.5	2		
10	16QAM	25	12	21.43	21.53	21.43				
10	16QAM	25	25	21.60	21.54	21.44				
10	16QAM	50	0	21.56	21.56	21.44				
10	64QAM	1	0	21.75	21.73	21.87	22.5	2		
10	64QAM	1	25	21.85	21.90	21.77				
10	64QAM	1	49	21.71	21.69	21.84				
10	64QAM	25	0	20.53	20.50	20.49				
10	64QAM	25	12	20.58	20.52	20.48	21.5	3		
10	64QAM	25	25	20.51	20.49	20.49				
10	64QAM	50	0	20.53	20.52	20.46				
Channel				23035	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				703.5	707.5	713.5	24.5	0		
5	QPSK	1	0	23.55	23.70	23.57				
5	QPSK	1	12	23.49	23.55	23.49				
5	QPSK	1	24	23.54	23.34	23.28				
5	QPSK	12	0	22.53	22.51	22.50	23.5	1		
5	QPSK	12	7	22.49	22.49	22.37				
5	QPSK	12	13	22.48	22.51	22.31				
5	QPSK	25	0	22.44	22.52	22.42				
5	16QAM	1	0	22.87	22.57	22.90	23.5	1		
5	16QAM	1	12	22.87	22.61	22.67				
5	16QAM	1	24	22.95	22.68	22.52				
5	16QAM	12	0	21.46	21.59	21.41				
5	16QAM	12	7	21.40	21.50	21.29	22.5	2		
5	16QAM	12	13	21.54	21.43	21.30				
5	16QAM	25	0	21.44	21.42	21.37				
5	64QAM	1	0	21.71	21.71	21.81				
5	64QAM	1	12	21.81	21.88	21.74	22.5	2		
5	64QAM	1	24	21.66	21.65	21.71				
5	64QAM	12	0	20.39	20.36	20.40				
5	64QAM	12	7	20.55	20.46	20.35				
5	64QAM	12	13	20.48	20.39	20.48	21.5	3		
5	64QAM	25	0	20.44	20.39	20.42				
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				700.5	707.5	714.5	24.5	0		
3	QPSK	1	0	23.58	23.63	23.68				
3	QPSK	1	8	23.53	23.59	23.44				
3	QPSK	1	14	23.56	23.35	23.37				
3	QPSK	8	0	22.43	22.59	22.48	23.5	1		
3	QPSK	8	4	22.46	22.42	22.45				
3	QPSK	8	7	22.49	22.55	22.43				
3	QPSK	15	0	22.48	22.49	22.40				
3	16QAM	1	0	22.91	22.57	22.96	23.5	1		
3	16QAM	1	8	22.91	22.65	22.68				
3	16QAM	1	14	22.93	22.66	22.55				
3	16QAM	8	0	21.47	21.53	21.43				
3	16QAM	8	4	21.42	21.46	21.30	22.5	2		
3	16QAM	8	7	21.55	21.43	21.41				
3	16QAM	15	0	21.49	21.50	21.39				
3	64QAM	1	0	21.64	21.67	21.81				
3	64QAM	1	8	21.81	21.83	21.74	22.5	2		
3	64QAM	1	14	21.68	21.66	21.83				
3	64QAM	8	0	20.52	20.40	20.43				
3	64QAM	8	4	20.48	20.48	20.34				
3	64QAM	8	7	20.43	20.41	20.43	21.5	3		
3	64QAM	15	0	20.40	20.49	20.35				
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				699.7	707.5	715.3	24.5	0		
1.4	QPSK	1	0	23.56	23.60	23.67				
1.4	QPSK	1	3	23.57	23.60	23.40				
1.4	QPSK	1	5	23.51	23.41	23.25				
1.4	QPSK	3	0	23.65	23.66	23.67	23.5	1		
1.4	QPSK	3	1	23.53	23.62	23.48				
1.4	QPSK	3	3	23.57	23.42	23.27				
1.4	QPSK	6	0	22.39	22.47	22.43				
1.4	16QAM	1	0	22.93	22.51	22.88	23.5	1		
1.4	16QAM	1	3	22.80	22.55	22.61				
1.4	16QAM	1	5	22.87	22.64	22.50				
1.4	16QAM	3	0	22.89	22.48	22.93				
1.4	16QAM	3	1	22.93	22.59	22.63	22.5	2		
1.4	16QAM	3	3	22.85	22.62	22.56				
1.4	16QAM	6	0	21.52	21.51	21.37				
1.4	64QAM	1	0	21.70	21.69	21.79				
1.4	64QAM	1	3	21.74	21.82	21.67	22.5	2		
1.4	64QAM	1	5	21.59	21.56	21.82				
1.4	64QAM	3	0	21.70	21.63	21.79				
1.4	64QAM	3	1	21.79	21.81	21.72				
1.4	64QAM	3	3	21.63	21.54	21.73	21.5	3		
1.4	64QAM	6	0	20.52	20.45	20.44				

Band 17_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23780	23790	23800	24.5	0		
Frequency (MHz)				709	710	711				
10	QPSK	1	0	23.35	23.40	23.38	23.5	1		
10	QPSK	1	25	23.33	23.36	23.20				
10	QPSK	1	49	23.30	23.23	23.34				
10	QPSK	25	0	22.31	22.33	22.25				
10	QPSK	25	12	22.25	22.31	22.25	23.5	1		
10	QPSK	25	25	22.29	22.21	22.25				
10	QPSK	50	0	22.23	22.25	22.21				
10	16QAM	1	0	22.45	22.25	22.50				
10	16QAM	1	25	22.58	22.41	22.60	22.5	2		
10	16QAM	1	49	22.43	22.42	22.61				
10	16QAM	25	0	21.19	21.21	21.19				
10	16QAM	25	12	21.18	21.32	21.23				
10	16QAM	25	25	21.22	21.27	21.18	22.5	2		
10	16QAM	50	0	21.20	21.29	21.19				
10	64QAM	1	0	21.46	21.32	21.38				
10	64QAM	1	25	21.40	21.52	21.54				
10	64QAM	1	49	21.52	21.34	21.56	21.5	3		
10	64QAM	25	0	20.30	20.16	20.25				
10	64QAM	25	12	20.23	20.22	20.29				
10	64QAM	25	25	20.32	20.22	20.26				
10	64QAM	50	0	20.23	20.20	20.24	Channel			
Frequency (MHz)				23785	23790	23825	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				706.5	710	713.5	24.5	0		
Frequency (MHz)				706.5	710	713.5				
5	QPSK	1	0	23.33	23.35	23.23	23.5	1		
5	QPSK	1	12	23.33	23.36	23.09				
5	QPSK	1	24	23.26	23.10	23.24				
5	QPSK	12	0	22.26	22.18	22.22				
5	QPSK	12	7	22.16	22.27	22.18	23.5	1		
5	QPSK	12	13	22.16	22.18	22.22				
5	QPSK	25	0	22.17	22.23	22.12				
5	16QAM	1	0	22.39	22.17	22.48				
5	16QAM	1	12	22.57	22.40	22.52	22.5	2		
5	16QAM	1	24	22.41	22.19	22.46				
5	16QAM	12	0	21.12	21.14	21.07				
5	16QAM	12	7	21.12	21.19	21.11				
5	16QAM	12	13	21.11	21.15	21.09	22.5	2		
5	16QAM	25	0	21.14	21.24	21.12				
5	64QAM	1	0	21.45	21.20	21.35				
5	64QAM	1	12	21.29	21.40	21.44				
5	64QAM	1	24	21.44	21.27	21.56	22.5	2		
5	64QAM	12	0	20.17	20.17	20.09				
5	64QAM	12	7	20.21	20.10	20.23				
5	64QAM	12	13	20.23	20.19	20.24				
5	64QAM	25	0	20.17	20.06	20.13	21.5	3		

Band 26(FCC)_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	24.5	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.82	23.92	23.85	23.5	1	
15	QPSK	1	37	23.72	23.88	23.82			
15	QPSK	1	74	23.77	23.89	23.79			
15	QPSK	36	0	22.77	22.86	22.82	23.5	1	
15	QPSK	36	20	22.71	22.86	22.78			
15	QPSK	36	39	22.74	22.82	22.75			
15	QPSK	75	0	22.71	22.84	22.80	23.5	1	
15	16QAM	1	0	22.99	23.05	23.11			
15	16QAM	1	37	22.80	23.08	22.90			
15	16QAM	1	74	23.00	23.02	23.10	22.5	2	
15	16QAM	36	0	21.65	21.78	21.86			
15	16QAM	36	20	21.76	21.83	21.94			
15	16QAM	36	39	21.76	21.86	21.83	22.5	2	
15	16QAM	75	0	21.75	21.87	21.91			
15	16QAM	1	0	21.90	22.11	22.08			
15	64QAM	1	37	22.08	21.94	22.05	22.5	2	
15	64QAM	1	74	22.13	22.15	22.06			
15	64QAM	36	0	20.77	20.77	20.90			
15	64QAM	36	20	20.74	20.82	20.87	21.5	3	
15	64QAM	36	39	20.82	20.84	20.90			
15	64QAM	75	0	20.73	20.84	20.88			
Channel				26740	26865	26960	24.5	0	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.75	23.83	23.77	24.5	0	
10	QPSK	1	25	23.64	23.84	23.68			
10	QPSK	1	49	23.63	23.83	23.69			
10	QPSK	25	0	22.68	22.76	22.75	23.5	1	
10	QPSK	25	12	22.68	22.78	22.65			
10	QPSK	25	25	22.73	22.79	22.73			
10	QPSK	50	0	22.59	22.80	22.68	23.5	1	
10	16QAM	1	0	22.95	23.03	23.10			
10	16QAM	1	25	22.70	23.03	22.76			
10	16QAM	1	49	22.90	23.01	23.05	22.5	2	
10	16QAM	25	0	21.52	21.67	21.75			
10	16QAM	25	12	21.69	21.69	21.87			
10	16QAM	25	25	21.65	21.71	21.71	22.5	2	
10	16QAM	50	0	21.74	21.73	21.88			
10	64QAM	1	0	21.89	22.04	22.00			
10	64QAM	1	25	21.98	21.92	21.97	21.5	3	
10	64QAM	1	49	22.00	22.05	22.03			
10	64QAM	25	0	20.70	20.82	20.80			
10	64QAM	25	12	20.61	20.70	20.84	21.5	3	
10	64QAM	25	25	20.71	20.79	20.85			
10	64QAM	50	0	20.65	20.77	20.74			
Channel				26715	26865	27015	24.5	0	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.71	23.90	23.77	23.5	1	
5	QPSK	1	12	23.70	23.86	23.81			
5	QPSK	1	24	23.75	23.81	23.66			
5	QPSK	12	0	22.63	22.78	22.72	23.5	1	
5	QPSK	12	7	22.61	22.68	22.66			
5	QPSK	12	13	22.71	22.68	22.71			
5	QPSK	25	0	22.61	22.82	22.78	23.5	1	
5	16QAM	1	0	22.96	22.95	23.05			
5	16QAM	1	12	22.69	22.99	22.75			
5	16QAM	1	24	22.91	22.92	23.06	22.5	2	
5	16QAM	12	0	21.60	21.64	21.80			
5	16QAM	12	7	21.67	21.68	21.89			
5	16QAM	12	13	21.71	21.85	21.76	22.5	2	
5	16QAM	25	0	21.66	21.76	21.89			
5	64QAM	1	0	21.76	22.00	22.05			
5	64QAM	1	12	22.04	21.81	21.94	21.5	3	
5	64QAM	1	24	22.05	22.09	22.04			
5	64QAM	12	0	20.67	20.72	20.85			
5	64QAM	12	7	20.73	20.79	20.78	21.5	3	
5	64QAM	12	13	20.74	20.78	20.80			
5	64QAM	25	0	20.72	20.83	20.80			
Channel				26705	26865	27025	24.5	0	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.72	23.84	23.79	23.5	1	
3	QPSK	1	8	23.61	23.82	23.72			
3	QPSK	1	14	23.70	23.88	23.73			
3	QPSK	8	0	22.75	22.85	22.71	23.5	1	
3	QPSK	8	4	22.63	22.76	22.75			
3	QPSK	8	7	22.59	22.69	22.68			
3	QPSK	15	0	22.70	22.80	22.76	23.5	1	
3	16QAM	1	0	22.85	23.03	23.09			
3	16QAM	1	2	22.67	22.96	22.85			
3	16QAM	1	14	22.88	22.88	22.71	22.5	2	
3	16QAM	8	0	21.50	21.63	21.79			
3	16QAM	8	4	21.69	21.68	21.93			
3	16QAM	8	7	21.66	21.73	21.76	22.5	2	
3	16QAM	15	0	21.63	21.73	21.78			
3	64QAM	1	0	21.82	21.98	21.99			
3	64QAM	1	8	21.98	21.84	21.95	21.5	3	
3	64QAM	1	14	22.00	22.08	22.00			
3	64QAM	8	0	20.62	20.62	20.78			
3	64QAM	8	4	20.61	20.81	20.78	21.5	3	
3	64QAM	8	7	20.71	20.74	20.80			
3	64QAM	15	0	20.72	20.73	20.84			
Channel				26697	26865	27033	24.5	0	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.73	23.80	23.77	24.5	0	
1.4	QPSK	1	3	23.59	23.79	23.73			
1.4	QPSK	1	5	23.65	23.74	23.75			
1.4	QPSK	3	0	23.72	23.77	23.75	23.5	1	
1.4	QPSK	3	1	23.63	23.78	23.72			
1.4	QPSK	3	3	23.63	23.82	23.77			
1.4	QPSK	6	0	22.64	22.70	22.76	23.5	1	
1.4	16QAM	1	0	22.87	23.02	23.03			
1.4	16QAM	1	3	22.65	22.94	22.88			
1.4	16QAM	1	5	22.99	22.89	22.97	23.5	1	
1.4	16QAM	3	0	22.95	22.94	23.10			
1.4	16QAM	3	1	22.98	23.03	22.79			
1.4	16QAM	3	3	22.94	22.93	22.97	22.5	2	
1.4	16QAM	6	0	21.71	21.76	21.81			
1.4	64QAM	1	0	21.81	21.97	22.04			
1.4	64QAM	1	3	22.00	21.87	22.00	22.5	2	
1.4	64QAM	1	5	22.01	22.08	22.01			
1.4	64QAM	3	0	21.89	22.07	21.98			
1.4	64QAM	3	1	21.94	21.87	21.93	21.5	3	
1.4	64QAM	3	3	22.10	22.09	21.97			
1.4	64QAM	6	0	20.68	20.73	20.80			

Band 26(FCC)_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	24.5	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.72	23.75	23.69	24.5	0	
15	QPSK	1	37	23.47	23.57	23.58			
15	QPSK	1	74	23.46	23.55	23.66			
15	QPSK	36	0	22.62	22.66	22.55	23.5	1	
15	QPSK	36	20	22.60	22.51	22.53			

Band 66_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	23.47	23.45	23.45	24.5	0	
20	QPSK	1	49	23.38	23.39	23.40			
20	QPSK	1	99	23.11	23.29	23.21			
20	QPSK	50	0	22.45	22.46	22.38	23.5	1	
20	QPSK	50	24	22.44	22.39	22.34			
20	QPSK	50	50	22.37	22.31	22.35			
20	QPSK	100	0	22.35	22.43	22.33	23.5	1	
20	16QAM	1	0	22.58	22.46	22.66			
20	16QAM	1	49	22.65	22.30	22.60			
20	16QAM	1	99	22.40	22.46	22.57	22.5	2	
20	16QAM	50	0	21.41	21.42	21.41			
20	16QAM	50	24	21.47	21.42	21.30			
20	16QAM	50	50	21.32	21.32	21.30	22.5	2	
20	16QAM	100	0	21.38	21.33	21.31			
20	64QAM	1	0	21.51	21.58	21.53			
20	64QAM	1	49	21.71	21.70	21.60	22.5	2	
20	64QAM	1	99	21.50	21.49	21.55			
20	64QAM	50	0	20.49	20.42	20.39			
20	64QAM	50	24	20.40	20.39	20.37	21.5	3	
20	64QAM	50	50	20.35	20.37	20.38			
20	64QAM	100	0	20.37	20.36	20.40			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	23.38	23.36	23.42			
15	QPSK	1	37	23.34	23.33	23.30			
15	QPSK	1	74	23.04	23.18	23.16			
15	QPSK	36	0	22.33	22.32	22.32	23.5	1	
15	QPSK	36	20	22.34	22.36	22.32			
15	QPSK	36	39	22.34	22.29	22.20			
15	QPSK	75	0	22.31	22.40	22.29	23.5	1	
15	16QAM	1	0	22.47	22.33	22.56			
15	16QAM	1	37	22.55	22.15	22.58			
15	16QAM	1	74	22.35	22.45	22.53	22.5	2	
15	16QAM	36	0	21.29	21.35	21.26			
15	16QAM	36	20	21.46	21.30	21.15			
15	16QAM	36	39	21.30	21.29	21.29	22.5	2	
15	16QAM	75	0	21.33	21.20	21.29			
15	64QAM	1	0	21.37	21.48	21.40			
15	64QAM	1	37	21.63	21.55	21.46	22.5	2	
15	64QAM	1	74	21.41	21.44	21.52			
15	64QAM	36	0	20.34	20.33	20.36			
15	64QAM	36	20	20.33	20.25	20.22	21.5	3	
15	64QAM	36	39	20.23	20.31	20.27			
15	64QAM	75	0	20.32	20.25	20.29			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.26	23.29	23.31			
10	QPSK	1	25	23.31	23.26	23.32			
10	QPSK	1	49	23.07	23.14	23.17			
10	QPSK	25	0	22.44	22.33	22.27	23.5	1	
10	QPSK	25	12	22.30	22.36	22.28			
10	QPSK	25	25	22.24	22.26	22.24			
10	QPSK	50	0	22.32	22.36	22.18	23.5	1	
10	16QAM	1	0	22.48	22.43	22.55			
10	16QAM	1	25	22.54	22.15	22.54			
10	16QAM	1	49	22.37	22.45	22.45	22.5	2	
10	16QAM	25	0	21.34	21.40	21.30			
10	16QAM	25	12	21.39	21.41	21.24			
10	16QAM	25	25	21.28	21.26	21.29	22.5	2	
10	16QAM	50	0	21.27	21.29	21.20			
10	64QAM	1	0	21.46	21.55	21.44			
10	64QAM	1	25	21.62	21.61	21.54	22.5	2	
10	64QAM	1	49	21.39	21.40	21.48			
10	64QAM	25	0	20.44	20.35	20.31			
10	64QAM	25	12	20.39	20.24	20.36	21.5	3	
10	64QAM	25	25	20.25	20.28	20.23			
10	64QAM	50	0	20.34	20.27	20.20			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.33	23.33	23.43			
5	QPSK	1	12	23.24	23.29	23.36			
5	QPSK	1	24	23.05	23.19	23.17			
5	QPSK	12	0	22.34	22.34	22.24	23.5	1	
5	QPSK	12	7	22.41	22.24	22.25			
5	QPSK	12	13	22.32	22.25	22.26			
5	QPSK	25	0	22.24	22.39	22.19	23.5	1	
5	16QAM	1	0	22.51	22.39	22.56			
5	16QAM	1	12	22.59	22.25	22.48			
5	16QAM	1	24	22.27	22.40	22.55	22.5	2	
5	16QAM	12	0	21.29	21.27	21.31			
5	16QAM	12	7	21.45	21.39	21.26			
5	16QAM	12	13	21.21	21.30	21.27	22.5	2	
5	16QAM	25	0	21.25	21.23	21.25			
5	64QAM	1	0	21.46	21.48	21.49			
5	64QAM	1	12	21.61	21.66	21.53	22.5	2	
5	64QAM	1	24	21.38	21.37	21.40			
5	64QAM	12	0	20.46	20.29	20.27			
5	64QAM	12	7	20.29	20.34	20.24	21.5	3	
5	64QAM	12	13	20.21	20.22	20.25			
5	64QAM	25	0	20.33	20.35	20.32			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.42	23.37	23.39			
3	QPSK	1	8	23.24	23.34	23.33			
3	QPSK	1	14	23.10	23.16	23.07			
3	QPSK	8	0	22.36	22.33	22.28	23.5	1	
3	QPSK	8	4	22.31	22.25	22.24			
3	QPSK	8	7	22.31	22.21	22.25			
3	QPSK	15	0	22.29	22.30	22.23	23.5	1	
3	16QAM	1	0	22.49	22.35	22.52			
3	16QAM	1	8	22.63	22.25	22.55			
3	16QAM	1	14	22.25	22.42	22.42	22.5	2	
3	16QAM	8	0	21.26	21.38	21.31			
3	16QAM	8	4	21.35	21.28	21.14			
3	16QAM	8	7	21.22	21.31	21.17	22.5	2	
3	16QAM	15	0	21.34	21.29	21.23			
3	64QAM	1	0	21.40	21.49	21.44			
3	64QAM	1	8	21.58	21.58	21.53	22.5	2	
3	64QAM	1	14	21.36	21.35	21.51			
3	64QAM	8	0	20.48	20.41	20.29			
3	64QAM	8	4	20.29	20.36	20.30	21.5	3	
3	64QAM	8	7	20.34	20.30	20.23			
3	64QAM	15	0	20.26	20.25	20.30			
Channel				131919	132322	132685	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	23.41	23.38	23.39			
1.4	QPSK	1	3	23.30	23.33	23.36			
1.4	QPSK	1	5	23.08	23.28	23.14			
1.4	QPSK	3	0	23.41	23.45	23.36	23.5	1	
1.4	QPSK	3	1	23.32	23.24	23.35			
1.4	QPSK	3	3	22.97	23.26	23.15			
1.4	QPSK	6	0	22.29	22.29	22.20	23.5	1	
1.4	16QAM	1	0	22.53	22.42	22.55			
1.4	16QAM	1	3	22.52	22.15	22.56	23.5	1	
1.4	16QAM	1	5	22.31	22.35	22.55			
1.4	16QAM	3	0	22.45	22.40	22.44			
1.4	16QAM	3	1	22.55	22.26	22.58	22.5	2	
1.4	16QAM	3	3	22.35	22.39	22.42			
1.4	16QAM	6	0	21.24	21.29	21.23			
1.4	64QAM	1	0	21.43	21.45	21.41	22.5	2	
1.4	64QAM	1	3	21.68	21.69	21.54			
1.4	64QAM	1	5	21.38	21.41	21.52			
1.4	64QAM	3	0	21.47	21.57	21.44	22.5	2	
1.4	64QAM	3	1	21.64	21.58	21.49			
1.4	64QAM	3	3	21.38	21.47	21.49			
1.4	64QAM	6	0	20.29	20.27	20.34	21.5	3	

LTE Band 71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.62	23.69	23.55	24.5	0	
20	QPSK	1	49	23.49	23.50	23.53			
20	QPSK	1	99	23.58	23.59	23.47			
20	QPSK	50	0	22.65	22.71	22.57	23.5	1	
20	QPSK	50	24	22.64	22.63	22.53			
20	QPSK	50	50	22.61	22.64	22.55			
20	QPSK	100	0	22.61	22.63	22.53	23.5	1	
20	16QAM	1	0	22.85	22.92	22.84			
20	16QAM	1	49	22.82	22.88	22.74			
20	16QAM	1	99	22.77	22.79	22.69	22.5	2	
20	16QAM	50	0	21.75	21.62	21.52			
20	16QAM	50	24	21.63	21.59	21.59			
20	16QAM	50	50	21.65	21.62	21.54	22.5	2	
20	16QAM	100	0	21.65	21.57	21.52			
20	64QAM	1	0	21.69	21.73	21.73			
20	64QAM	1	49	21.87	21.71	21.66	22.5	2	
20	64QAM	1	99	21.63	21.72	21.62			
20	64QAM	50	0	20.68	20.62	20.51			
20	64QAM	50	24	20.66	20.64	20.61	21.5	3	
20	64QAM	50	50	20.69	20.64	20.58			
20	64QAM	100	0	20.64	20.64	20.55			
Channel				133197	133297	133397			
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.51	23.45	23.48	24.5	0	
15	QPSK	1	37	23.36	23.33	23.48			
15	QPSK	1	74	23.50	23.51	23.25			
15	QPSK	36	0	22.50	22.54	22.52	23.5	1	
15	QPSK	36	20	22.48	22.45	22.30			
15	QPSK	36	39	22.44	22.54	22.41			
15	QPSK	75	0	22.43	22.60	22.42	23.5	1	
15	16QAM	1	0	22.64	22.79	22.79			
15	16QAM	1	37	22.76	22.69	22.59			
15	16QAM	1	74	22.53	22.56	22.46	22.5	2	
15	16QAM	36	0	21.57	21.49	21.35			
15	16QAM	36	20	21.45	21.54	21.47			
15	16QAM	36	39	21.51	21.56	21.41	22.5	2	
15	16QAM	75	0	21.46	21.42	21.36			
15	64QAM	1	0	21.53	21.62	21.61			
15	64QAM	1	37	21.82	21.55	21.53	22.5	2	
15	64QAM	1	74	21.54	21.63	21.51			
15	64QAM	36	0	20.44	20.37	20.44			
15	64QAM	36	20	20.50	20.54	20.50	21.5	3	
15	64QAM	36	39	20.53	20.43	20.39			
15	64QAM	75	0	20.52	20.41	20.35			
Channel				133172	133297	133422			
Frequency (MHz)				668	680.5	693			
10	QPSK	1	0	23.56	23.47	23.48	24.5	0	
10	QPSK	1	25	23.27	23.32	23.42			
10	QPSK	1	49	23.34	23.51	23.27			
10	QPSK	25	0	22.51	22.63	22.40	23.5	1	
10	QPSK	25	12	22.46	22.41	22.46			
10	QPSK	25	25	22.36	22.55	22.35			
10	QPSK	50	0	22.41	22.47	22.44	23.5	1	
10	16QAM	1	0	22.79	22.69	22.77			
10	16QAM	1	25	22.73	22.70	22.57			
10	16QAM	1	49	22.53	22.64	22.48	22.5	2	
10	16QAM	25	0	21.52	21.53	21.36			
10	16QAM	25	12	21.43	21.36	21.39			
10	16QAM	25	25	21.53	21.54	21.40	22.5	2	
10	16QAM	50	0	21.59	21.49	21.32			
10	64QAM	1	0	21.55	21.58	21.62			
10	64QAM	1	25	21.73	21.64	21.50	22.5	2	
10	64QAM	1	49	21.49	21.51	21.55			
10	64QAM	25	0	20.54	20.39	20.35			
10	64QAM	25	12	20.41	20.42	20.50	21.5	3	
10	64QAM	25	25	20.50	20.50	20.44			
10	64QAM	50	0	20.54	20.46	20.45			
Channel				133147	133297	133447			
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	23.53	23.56	23.34	24.5	0	
5	QPSK	1	12	23.43	23.45	23.48			
5	QPSK	1	24	23.43	23.43	23.42			
5	QPSK	12	0	22.63	22.51	22.36	23.5	1	
5	QPSK	12	7	22.44	22.47	22.44			
5	QPSK	12	13	22.41	22.53	22.37			
5	QPSK	25	0	22.47	22.62	22.29	23.5	1	
5	16QAM	1	0	22.76	22.76	22.60			
5	16QAM	1	12	22.66	22.78	22.62			
5	16QAM	1	24	22.71	22.54	22.47	22.5	2	
5	16QAM	12	0	21.50	21.46	21.45			
5	16QAM	12	7	21.46	21.53	21.47			
5	16QAM	12	13	21.60	21.50	21.43	22.5	2	
5	16QAM	25	0	21.49	21.48	21.39			
5	64QAM	1	0	21.60	21.59	21.50			
5	64QAM	1	12	21.74	21.46	21.52	22.5	2	
5	64QAM	1	24	21.51	21.56	21.46			
5	64QAM	12	0	20.63	20.47	20.36			
5	64QAM	12	7	20.56	20.50	20.37	21.5	3	
5	64QAM	12	13	20.44	20.59	20.35			
5	64QAM	25	0	20.57	20.58	20.47			

Band 38_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	23.24	23.35	23.30	24.5	0		
20	QPSK	1	49	23.15	23.22	23.26				
20	QPSK	1	99	23.20	23.34	23.24				
20	QPSK	36	0	22.21	22.30	22.25				
20	QPSK	50	24	22.17	22.19	22.20	23.5	1		
20	QPSK	50	50	22.19	22.25	22.22				
20	QPSK	100	0	22.14	22.27	22.22				
20	16QAM	1	0	22.02	22.09	22.14				
20	16QAM	1	49	22.21	22.25	22.23	23.5	1		
20	16QAM	100	0	22.23	22.37	22.41				
20	16QAM	50	0	21.18	21.18	21.22				
20	16QAM	50	24	21.11	21.21	21.32				
20	16QAM	50	50	21.15	21.24	21.37	22.5	2		
20	16QAM	100	0	21.10	21.18	21.29				
20	64QAM	1	0	20.74	20.84	20.90				
20	64QAM	1	49	20.95	21.05	21.06				
20	64QAM	1	99	21.01	20.99	21.12	22.5	2		
20	64QAM	50	0	20.16	20.15	20.21				
20	64QAM	50	24	20.15	20.22	20.31				
20	64QAM	50	50	20.23	20.26	20.40				
20	64QAM	100	0	20.18	20.21	20.29	Time-up limit (dBm)		MPR (dB)	
Channel				37875	38000	38175				
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	23.21	23.31	23.22	24.5	0		
15	QPSK	1	37	23.05	23.10	23.23				
15	QPSK	1	74	23.11	23.27	23.23				
15	QPSK	36	0	22.19	22.15	22.20				
15	QPSK	36	20	22.11	22.12	22.08	23.5	1		
15	QPSK	36	39	22.17	22.18	22.15				
15	QPSK	75	0	22.12	22.21	22.15				
15	16QAM	1	0	21.91	21.97	22.07				
15	16QAM	1	37	22.11	22.21	22.08	23.5	1		
15	16QAM	1	74	22.11	22.36	22.36				
15	16QAM	36	0	21.07	21.07	21.09				
15	16QAM	36	20	21.04	21.13	21.28				
15	16QAM	36	39	21.03	21.17	21.29	22.5	2		
15	16QAM	75	0	21.01	21.16	21.23				
15	64QAM	1	0	20.68	20.72	20.83				
15	64QAM	1	37	20.88	20.93	20.99				
15	64QAM	1	74	20.95	20.93	21.10	22.5	2		
15	64QAM	36	0	20.07	20.16	20.28				
15	64QAM	36	20	20.01	20.15	20.21				
15	64QAM	36	39	20.16	20.12	20.33				
15	64QAM	75	0	20.13	20.18	20.26	Time-up limit (dBm)		MPR (dB)	
Channel				37750	38000	38250				
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	23.17	23.29	23.28	24.5	0		
10	QPSK	1	25	23.08	23.10	23.16				
10	QPSK	1	49	23.07	23.25	23.11				
10	QPSK	25	0	22.09	22.20	22.21				
10	QPSK	25	12	22.14	22.08	22.19	23.5	1		
10	QPSK	25	25	22.11	22.11	22.10				
10	QPSK	50	0	22.01	22.21	22.08				
10	16QAM	1	0	21.89	22.00	22.01				
10	16QAM	1	25	22.09	22.10	22.18	23.5	1		
10	16QAM	1	49	22.16	22.26	22.28				
10	16QAM	25	0	21.07	21.16	21.08				
10	16QAM	25	12	21.06	21.20	21.31				
10	16QAM	25	25	21.02	21.23	21.34	22.5	2		
10	16QAM	50	0	21.03	21.03	21.18				
10	64QAM	1	0	20.67	20.71	20.82				
10	64QAM	1	25	20.81	20.92	20.99				
10	64QAM	1	49	21.00	20.91	21.02	21.5	3		
10	64QAM	25	0	20.10	20.14	20.19				
10	64QAM	25	12	20.02	20.12	20.25				
10	64QAM	25	25	20.16	20.20	20.36				
10	64QAM	50	0	20.07	20.10	20.27	Time-up limit (dBm)		MPR (dB)	
Channel				37775	38000	38225				
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	23.09	23.24	23.24	24.5	0		
5	QPSK	1	12	23.06	23.14	23.17				
5	QPSK	1	24	23.12	23.24	23.16				
5	QPSK	12	0	22.10	22.22	22.13				
5	QPSK	12	7	22.15	22.11	22.14	23.5	1		
5	QPSK	12	13	22.09	22.11	22.20				
5	QPSK	25	0	22.03	22.23	22.07				
5	16QAM	1	0	21.99	21.95	22.06				
5	16QAM	1	12	22.12	22.22	22.20	23.5	1		
5	16QAM	1	24	22.09	22.27	22.40				
5	16QAM	12	0	21.03	21.06	21.16				
5	16QAM	12	7	21.03	21.10	21.22				
5	16QAM	12	13	21.08	21.13	21.22	22.5	2		
5	16QAM	25	0	21.00	21.04	21.23				
5	64QAM	1	0	20.72	20.81	20.84				
5	64QAM	1	12	20.91	20.96	21.03				
5	64QAM	1	24	20.96	20.87	20.98	21.5	3		
5	64QAM	12	0	20.12	20.12	20.20				
5	64QAM	12	7	20.07	20.07	20.16				
5	64QAM	12	13	20.12	20.19	20.29				
5	64QAM	25	0	20.04	20.19	20.23	Time-up limit (dBm)		MPR (dB)	

Band 38_Ant 2											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				37850	38000	38150					
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	23.10	23.22	23.17	24	0			
20	QPSK	1	49	23.01	23.20	23.11					
20	QPSK	1	99	23.06	23.17	23.07					
20	QPSK	36	0	22.55	22.63	22.57					
20	QPSK	50	24	22.51	22.62	22.52	23.5	0.5			
20	QPSK	50	50	22.50	22.61	22.53					
20	QPSK	100	0	22.53	22.61	22.53					
20	16QAM	1	0	22.56	22.64	22.56	23.5	0.5			
20	16QAM	1	49	22.87	22.70	22.64					
20	16QAM	1	99	22.80	22.84	22.53					
20	16QAM	50	0	21.57	21.58	21.57					
20	16QAM	50	24	21.57	21.62	21.57	22.5	1.5			
20	16QAM	50	50	21.60	21.61	21.51					
20	16QAM	100	0	21.56	21.59	21.55					
20	64QAM	1	0	21.35	21.32	21.30					
20	64QAM	1	49	21.30	21.42	21.41	22.5	1.5			
20	64QAM	1	99	21.43	21.36	21.17					
20	64QAM	50	0	20.56	20.61	20.38					
20	64QAM	50	24	20.59	20.61	20.57					
20	64QAM	50	50	20.63	20.65	20.55	21.5	2.5			
20	64QAM	100	0	20.60	20.61	20.57					
Channel				37850	38000	38175	Time-up limit (dBm)				
Frequency (MHz)				2577.5	2595	2615					
15	QPSK	1	0	22.99	23.20	23.04	24	0			
15	QPSK	1	37	22.95	23.06	23.02					
15	QPSK	1	74	22.93	23.06	23.01					
15	QPSK	36	0	22.42	22.50	22.52					
15	QPSK	36	20	22.44	22.54	22.40	23.5	0.5			
15	QPSK	36	39	22.46	22.52	22.50					
15	QPSK	75	0	22.42	22.56	22.43					
15	16QAM	1	0	22.53	22.59	22.42	23.5	0.5			
15	16QAM	1	49	22.83	22.69	22.60					
15	16QAM	1	74	22.65	22.60	22.32					
15	16QAM	36	0	21.54	21.51	21.56					
15	16QAM	36	20	21.54	21.54	21.52	22.5	1.5			
15	16QAM	36	39	21.46	21.56	21.44					
15	16QAM	75	0	21.51	21.50	21.47					
15	64QAM	1	0	21.33	21.22	21.27					
15	64QAM	1	37	21.17	21.29	21.27	22.5	1.5			
15	64QAM	1	74	21.34	21.21	21.22					
15	64QAM	36	0	20.45	20.51	20.36					
15	64QAM	36	20	20.57	20.60	20.44					
15	64QAM	36	39	20.58	20.64	20.41	21.5	2.5			
15	64QAM	75	0	20.55	20.56	20.36					
Channel				37850	38000	38175	Time-up limit (dBm)				
Frequency (MHz)				2575	2595	2615					
10	QPSK	1	0	23.07	23.07	23.15	24	0			
10	QPSK	1	25	22.87	23.17	22.99					
10	QPSK	1	49	22.93	23.04	23.00					
10	QPSK	1	49	22.41	22.54	22.53					
10	QPSK	25	12	22.39	22.48	22.40	23.5	0.5			
10	QPSK	25	25	22.45	22.47	22.49					
10	QPSK	50	0	22.45	22.49	22.44					
10	16QAM	1	0	22.46	22.57	22.41	23.5	0.5			
10	16QAM	1	25	22.62	22.66	22.56					
10	16QAM	1	49	22.65	22.52	22.46					
10	16QAM	25	0	21.50	21.49	21.56					
10	16QAM	25	12	21.48	21.50	21.55	22.5	1.5			
10	16QAM	25	25	21.46	21.56	21.49					
10	16QAM	50	0	21.42	21.56	21.40					
10	64QAM	1	0	21.27	21.26	21.28					
10	64QAM	1	25	21.17	21.39	21.32	22.5	1.5			
10	64QAM	1	49	21.42	21.34	21.02					
10	64QAM	25	0	20.44	20.56	20.47					
10	64QAM	25	12	20.57	20.54	20.48					
10	64QAM	25	25	20.54	20.58	20.42	21.5	2.5			
10	64QAM	50	0	20.54	20.58	20.44					
Channel				37775	38000	38225	Time-up limit (dBm)				
Frequency (MHz)				2572.5	2595	2617.5					
5	QPSK	1	0	23.00	23.09	23.05	24	0			
5	QPSK	1	12	22.94	23.07	23.06					
5	QPSK	1	24	23.03	23.09	22.98					
5	QPSK	12	0	22.21	22.57	22.48					
5	QPSK	12	7	22.47	22.57	22.49	23.5	0.5			
5	QPSK	12	13	22.43	22.53	22.41					
5	QPSK	25	0	22.39	22.47	22.48					
5	16QAM	1	0	22.46	22.57	22.41	23.5	0.5			
5	16QAM	1	12	22.64	22.58	22.53					
5	16QAM	1	24	22.65	22.53	22.43					
5	16QAM	12	0	21.52	21.50	21.50					
5	16QAM	12	7	21.52	21.56	21.45	22.5	1.5			
5	16QAM	12	13	21.56	21.58	21.38					
5	16QAM	25	0	21.44	21.48	21.49					
5	64QAM	1	0	21.20	21.31	21.27					
5	64QAM	1	12	21.19	21.34	21.38	22.5	1.5			
5	64QAM	1	24	21.37	21.35	21.08					
5	64QAM	12	0	20.50	20.58	20.50					
5	64QAM	12	7	20.61	20.55	20.42					
5	64QAM	12	13	20.57	20.56	20.47	21.5	2.5			
5	64QAM	25	0	20.45	20.58	20.51					
5	64QAM	25	12	20.54	20.58	20.42					

Band 41_Ant 1													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Time-up limit (dBm)	MPR (dB)			
Channel				39750	40185	40620	41055	41490					
Frequency (MHz)				2506	2549.5	2593	2636.5	2680					
20	QPSK	1	0	23.18	23.00	23.35	23.20	23.43	24.5	0			
20	QPSK	1	49	23.04	22.96	23.53	23.20	23.43					
20	QPSK	1	99	22.93	22.92	23.51	23.06	23.47	23.5	1			
20	QPSK	50	0	22.12	22.10	22.48	22.22	22.43					
20	QPSK	50	24	21.97	21.88	22.42	22.13	22.35	23.5	1			
20	QPSK	50	50	21.94	21.87	22.45	22.15	22.41					
20	QPSK	100	0	22.08	22.00	22.41	22.12	22.29	23.5	1			
20	16QAM	1	0	22.11	22.00	22.43	22.09	22.28					
20	16QAM	1	49	22.08	22.05	22.40	22.18	22.30	22.5	2			
20	16QAM	1	99	21.91	21.88	22.38	22.21	22.35					
20	16QAM	50	0	21.01	20.90	21.40	21.04	21.35	22.5	2			
20	16QAM	50	24	21.00	20.92	21.43	21.10	21.36					
20	16QAM	50	50	21.00	20.95	21.38	21.21	21.42	21.5	3			
20	16QAM	100	0	21.00	20.98	21.49	21.13	21.26					
20	64QAM	1	0	20.82	20.56	21.10	20.78	21.01	22.5	2			
20	64QAM	1	49	20.83	20.74	21.12	20.94	21.12					
20	64QAM	1	99	20.63	20.69	21.08	20.95	21.19	21.5	3			
20	64QAM	50	0	19.98	19.91	20.43	20.14	20.32					
20	64QAM	50	24	19.99	19.90	20.44	20.16	20.32	21.5	3			
20	64QAM	50	50	19.99	19.94	20.45	20.19	20.35					
20	64QAM	100	0	19.98	19.93	20.44	20.19	20.35					
Channel				39725	40173	40620	41055	41515	Time-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2501.5	2546.3	2593	2637.8	2682.5					
15	QPSK	1	0	23.12	22.87	23.11	23.40	23.53	24.5	0			
15	QPSK	1	37	22.90	22.94	23.12	23.37	23.50					
15	QPSK	1	74	22.86	22.86	23.01	23.45	23.58	23.5	1			
15	QPSK	36	0	22.06	21.97	22.11	22.28	22.40					
15	QPSK	36	20	21.90	21.85	22.08	22.30	22.40	23.5	1			
15	QPSK	36	39	21.90	21.80	22.11	22.31	22.31					
15	QPSK	75	0	21.99	21.95	22.05	22.21	22.38	23.5	1			
15	16QAM	1	0	22.01	21.97	22.08	22.16	22.38					
15	16QAM	1	37	22.00	22.04	22.09	22.26	22.35	22.5	2			
15	16QAM	1	74	21.96	21.98	22.14	22.30	22.39					
15	16QAM	36	0	21.00	20.76	20.95	21.30	21.26	22.5	2			
15	16QAM	36	20	20.88	20.78	21.09	21.35	21.31					
15	16QAM	36	39	20.88	20.88	21.17	21.38	21.32	21.5	3			
15	16QAM	75	0	20.93	20.93	21.09	21.22	21.38					
15	64QAM	1	0	20.77	20.54	20.77	20.98	21.06	22.5	2			
15	64QAM	1	37	20.76	20.72	20.87	20.99	21.08					
15	64QAM	1	74	20.55	20.68	20.88	21.05	20.94	21.5	3			
15	64QAM	36	0	19.83	19.79	20.06	20.26	20.42					
15	64QAM	36	20	19.92	19.81	20.14	20.25	20.41					
15	64QAM	36	39	19.88	19.81	20.09	20.28	20.31					
15	64QAM	75	0	19.83	19.86	20.15	20.22	20.41					
Channel				39700	40160	40620	41080	41540	Time-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2501	2547	2593	2636	2680	24	0			
10	QPSK	1	0	23.07	22.90	23.22	23.38	23.42					
10	QPSK	1	25	22.97	22.82	23.16	23.38	23.41	23.5	1			
10	QPSK	1	49	22.89	22.88	22.94	23.34	23.43					
10	QPSK	25	0	22.10	22.01	22.17	22.41	22.42	23.5	1			
10	QPSK	25	12	21.94	21.87	22.01	22.29	22.39					
10	QPSK	25	25	21.84	21.81	22.10	22.32	22.31	23.5	1			
10	QPSK	50	0	22.05	21.93	22.11	22.15	22.39					
10	16QAM	1	0	22.06	21.89	22.08	22.13	22.32	23.5	1			
10	16QAM	1	25	21.91	21.94	22.11	22.23	22.39					
10	16QAM	1	49	21.89	21.94	22.09	22.24	22.34	22.5	2			
10	16QAM	25	0	20.98	20.89	20.96	21.30	21.39					
10	16QAM	25	12	20.91	20.91	21.03	21.30	21.28	22.5	2			
10	16QAM	25	25	20.86	20.91	21.17	21.33	21.34					
10	16QAM	50	0	20.88	20.86	20.98	21.18	21.39	22.5	2			
10	64QAM	1	0	20.76	20.65	20.73	20.86	21.02					
10	64QAM	1	25	20.69	20.62	20.80	21.11	21.03	21.5	3			
10	64QAM	1	49	20.50	20.59	20.94	21.13	21.20					
10	64QAM	25	0	19.92	19.86	20.08	20.29	20.32					
10	64QAM	25	12	19.93	19.93	20.07	20.21	20.36					
10	64QAM	25	25	19.98	19.93	20.12	20.26	20.40					
10	64QAM	50	0	19.84	19.79	20.18	20.25	20.38					
Channel				39675	40148	40620	41093	41555	Time-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5 <td rowspan="2">24</td> <td rowspan="2">0</td> <td colspan="2"></td>	24	0			
5	QPSK	1	0	23.11	22.85	23.11	23.47	23.43					
5	QPSK	1	12	23.03	22.94	23.10	23.26	23.43	23.5	1			
5	QPSK	1	24	22.93	22.77	23.03	23.43	23.42					
5	QPSK	12	0	22.01	21.86	22.21	22.35	22.38	23.5	1			
5	QPSK	12	7	21.86	21.86	22.12	22.28	22.30					
5	QPSK	12	13	21.89	21.86	22.13	22.31	22.39	23.5	1			
5	QPSK	25	0	22.01	21.89	21.97	22.23	22.30					
5	16QAM	1	0	21.99	21.92	21.98	22.27	22.42	23.5	1			
5	16QAM	1	12	21.91	21.90	22.09	22.25	22.35					
5	16QAM	1	24	21.90	21.97	22.12	22.27	22.28	22.5	2			
5	16QAM	12	0	20.91	20.81	20.93	21.29	21.39					
5	16QAM	12	7	20.85	20.91	21.09	21.32	21.29	22.5	2			
5	16QAM	12	13	20.86	20.88	21.09	21.39	21.28					
5	16QAM	25	0	20.95	20.83	21.11	21.15	21.47	22.5	2			
5	64QAM	1	0	20.70	20.60	20.76	20.90	20.97					
5	64QAM	1	12	20.62	20.58	20.84	21.11	21.11	21.5	3			
5	64QAM	1	24	20.53	20.55	20.85	21.15	20.98					
5	64QAM	12	0	19.93	19.77	20.02	20.24	20.29					
5	64QAM	12	7	19.90	19.82	20.05	20.26	20.34					
5	64QAM	12	13	19.94	19.82	20.06	20.22	20.31					
5	64QAM	25	0	19.83	19.86	20.10	20.22	20.38					

Part 96_Band 48_Ant 1										Part 96_Band 48_Ant 3										Part 96_Band 48_Ant 5																													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up limit (dBm)	MPR (dB)	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up limit (dBm)	MPR (dB)	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Turn-up limit (dBm)	MPR (dB)																				
Channel										Channel										Channel																													
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)																													
20	QPSK	1	0	22.51	22.48	22.43	22.50			20	QPSK	1	0	22.58	22.40	22.32	22.55			20	QPSK	1	0	21.50	21.45	21.39	21.46																						
20	QPSK	1	49	22.49	22.37	22.41	22.41		23	0	20	QPSK	1	49	22.49	22.39	22.50	22.32		23	0	20	QPSK	1	49	21.40	21.43	21.24	21.39		22	0																	
20	QPSK	1	99	22.41	22.41	22.37	22.46			20	QPSK	1	99	22.51	22.38	22.50	22.30			20	QPSK	1	99	21.42	21.39	21.28	21.44			20	QPSK	1	99	21.42	21.39	21.28	21.44												
20	QPSK	50	0	21.56	21.55	21.52	21.48			20	QPSK	50	0	21.57	21.42	21.55	21.43			20	QPSK	50	0	21.47	21.43	21.39	21.45			20	QPSK	50	0	21.47	21.43	21.39	21.45												
20	QPSK	50	24	21.46	21.51	21.50	21.35			20	QPSK	50	24	21.43	21.27	21.41	21.37			20	QPSK	50	24	21.34	21.38	21.32	21.39			20	QPSK	50	24	21.34	21.38	21.32	21.39												
20	QPSK	50	50	21.43	21.51	21.44	21.46			20	QPSK	50	50	21.46	21.37	21.42	21.27			20	QPSK	50	50	21.31	21.32	21.32	21.33			20	QPSK	50	50	21.31	21.32	21.32	21.33												
20	QPSK	100	0	21.56	21.42	21.50	21.48			20	QPSK	100	0	21.55	21.31	21.44	21.38			20	QPSK	100	0	21.46	21.44	21.31	21.41			20	QPSK	100	0	21.46	21.44	21.31	21.41												
20	16QAM	1	0	21.49	21.58	21.57	21.57			20	16QAM	1	0	21.53	21.32	21.47	21.29			20	16QAM	1	0	21.45	21.42	21.24	21.41			20	16QAM	1	0	21.45	21.42	21.24	21.41												
20	16QAM	1	49	21.46	21.54	21.57	21.48			20	16QAM	1	49	21.45	21.38	21.44	21.38			20	16QAM	1	49	21.46	21.34	21.24	21.38			20	16QAM	1	49	21.46	21.34	21.24	21.38												
20	16QAM	1	99	21.49	21.48	21.51	21.46			20	16QAM	1	99	21.50	21.28	21.44	21.36			20	16QAM	1	99	21.41	21.35	21.32	21.40			20	16QAM	1	99	21.41	21.35	21.32	21.40												
20	16QAM	50	0	20.47	20.56	20.59	20.50			20	16QAM	50	0	20.65	20.38	20.53	20.43			20	16QAM	50	0	20.29	20.37	20.33	20.48			20	16QAM	50	0	20.29	20.37	20.33	20.48												
20	16QAM	50	24	20.37	20.51	20.57	20.40			20	16QAM	50	24	20.44	20.33	20.44	20.34			20	16QAM	50	24	20.29	20.44	20.35	20.46			20	16QAM	50	24	20.29	20.44	20.35	20.46												
20	16QAM	100	0	20.37	20.55	20.46	20.35			20	16QAM	100	0	20.41	20.30	20.42	20.41			20	16QAM	100	0	20.25	20.27	20.45	20.39			20	16QAM	100	0	20.25	20.29	20.32	20.48												
20	64QAM	1	0	20.11	20.10	20.22	20.09			20	64QAM	1	0	20.54	20.27	20.45	20.39			20	64QAM	1	0	19.92	19.98	19.95	20.07			20	64QAM	1	0	19.92	19.98	19.95	20.07												
20	64QAM	1	49	20.36	20.51	20.52	20.39		21	2	20	64QAM	1	49	20.48	20.29	20.50	20.31		21	2	20	64QAM	1	49	19.88	19.88	19.97	20.11		21	1	20	64QAM	1	49	19.88	19.88	19.97	20.11		21	1						
20	64QAM	1	99	20.34	20.54	20.47	20.40			20	64QAM	1	99	20.48	20.35	20.52	20.42			20	64QAM	1	99	19.88	19.88	19.97	20.05			20	64QAM	1	99	19.88	19.88	19.97	20.05			20	64QAM	1	99	19.88	19.88	19.97	20.05		
20	64QAM	50	0	19.42	19.52	19.56	19.48			20	64QAM	50	0	19.60	19.41	19.59	19.45			20	64QAM	50	0	19.32	19.38	19.35	19.46			20	64QAM	50	0	19.32	19.38	19.35	19.46			20	64QAM	50	0	19.32	19.38	19.35	19.46		
20	64QAM	50	24	19.37	19.51	19.42	19.33		20	3	20	64QAM	50	24	19.59	19.41	19.49	19.30		20	3	20	64QAM	50	24	19.28	19.44	19.35	19.51		20	2	20	64QAM	50	24	19.28	19.44	19.35	19.51		20	2						
20	64QAM	50	50	19.35	19.41	19.51	19.40			20	64QAM	50	50	19.63	19.32	19.51	19.38			20	64QAM	50	50	19.17	19.43	19.31	19.53			20	64QAM	50	50	19.17	19.43	19.31	19.53			20	64QAM	50	50	19.17	19.43	19.31	19.53		
20	64QAM	100	0	19.34	19.50	19.42	19.39			20	64QAM	100	0	19.54	19.40	19.45	19.31			20	64QAM	100	0	19.22	19.39	19.37	19.49			20	64QAM	100	0	19.22	19.39	19.37	19.49			20	64QAM	100	0	19.22	19.39	19.37	19.49		
Channel										Channel										Channel																													
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)																													
15	QPSK	1	0	22.46	22.35	22.35	22.38			15	QPSK	1	0	22.46	22.19	22.45	22.43			15	QPSK	1	0	21.36	21.41	21.27	21.43			15	QPSK	1	0	21.36	21.41	21.27	21.43												
15	QPSK	1	37	22.43	22.18	22.26	22.27		23	0	15	QPSK	1	37	22.38	22.17	22.48	22.28		23	0	15	QPSK	1	37	21.31	21.34	21.16	21.38		22	0	15	QPSK	1	37	21.31	21.34	21.16	21.38		22	0						
15	QPSK	1	74	22.32	22.28	22.23	22.33			15	QPSK	1	74	22.45	22.09	22.47	22.19			15	QPSK	1	74	21.27	21.37	21.27	21.40			15	QPSK	1	74	21.27	21.37	21.27	21.40												
15	QPSK	36	0	21.44	21.37	21.37	21.35			15	QPSK	36	0	21.46	21.22	21.42	21.38			15	QPSK	36	0	21.23	21.27	21.26	21.33			15	QPSK	36	0	21.23	21.27	21.26	21.33												
15	QPSK	36	20	21.34	21.34	21.31	21.38			15	QPSK	36	20	21.36	20.99	21.39	21.29			15	QPSK	36	20	21.22	21.20	21.09	21.24			15	QPSK	36	20	21.22	21.20	21.09	21.24												
15	QPSK	36	39	21.33	21.31	21.27	21.37		22	1	15	QPSK	36	39	21.45	21.13	21.27	21.21		22	1	15	QPSK	36	39	21.12	21.20	21.18	21.19		22	0	15	QPSK	36	39	21.12	21.20	21.18	21.19		22	0						
15	QPSK	75	0	21.36	21.35	21.41	21.41			15	QPSK	75	0	21.47	21.05	21.36	21.31			15	QPSK	75	0	21.32	21.39	21.17	21.31			15	QPSK	75	0	21.32	21.39	21.17	21.31												
15	16QAM	1	0	21.43	21.39	21.38	21.44			15	16QAM	1	0	21.58	21.11	21.38	21.34			15	16QAM	1	0	21.24	21.27	21.23	21.36			15	16QAM	1	0	21.24	21.27	21.23	21.36												
15	16QAM	1	27	21.34	21.28	21.33	21.33		22	1	15	16QAM	1	27	21.42	21.19	21.39	21.24		22	1	15	16QAM	1	27	21.32	21.24	21.22	21.36		22	0	15	16QAM	1	27	21.32	21.24	21.22	21.36		22	0						
15	16QAM	1	74	21.34	21.31	21.41	21.31			15	16QAM	1	74	21.43	21.10	21.29	21.29			15	16QAM	1	74	21.29	21.26	21.21	21.25			15	16QAM	1	74	21.29	21.26	21.21	21.25												
15	16QAM	36	0	20.42	20.43	20.42	20.45			15	16QAM	36	0	20.54	20.17	20.50	20.42			15	16QAM	36	0	20.14	20.20	20.21	20.26			15	16QAM	36	0	20.14	20.20	20.21	20.26												
15	16QAM	36	20	20.16	20.44	20.48	20.32			15	16QAM	36	20	20.30	20.10	20.37	20.30			15	16QAM	36	20	20.06	20.24	20.16	20.32			15	16QAM	36	20	20.06	20.24	20.16	20.32												
15	16QAM	36	39	20.15	20.29	20.36	20.17			15	16QAM	36	39	20.20	20.24	20.30	20.17			15	16QAM	36	39	20.15	20.25	20.17	20.27			15	16QAM	36	39	20.15	20.25	20.17	20.27												
15	16QAM	75	0	20.20	20.38	20.47	20.29			15	16QAM	75	0	20.32	20.14	20.39	20.27			15	16QAM	75	0	20.09	20.16	20.22	20.32			15	16QAM	75	0	20.09	20.16	20.22	20.32												
15	64QAM	1	0	19.93	19.97	20.02	19.99			15	64QAM	1	0	20.50	20.01	20.35	20.26			15	64QAM	1	0	19.79	19.74	19.81	20.08			15	64QAM	1	0	19.79	19.74	19.81	20.08												
15	64QAM	1	37	20.20	20.33	20.38	20.29		21	2	15	64QAM	1	37	20.35	20.07	20.44	20.30		21	2	15	64QAM	1	37	19.74	19.83	19.82	19.83		21	1	15	64QAM	1	37	19.74	19.83	19.82	19.83		21	1						
15	64QAM	1	74	20.15	20.38	20.45	20.32			15	64QAM	1	74	20.35	20.16	20.41	20.35			15	64QAM	1	74	19.80	19.84	19.86	19.88			15	64QAM	1	74	19.80	19.84	1													

Part 96_Band 48_Ant 7										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				55340	55830	56150	56640	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	22.88	22.68	22.78	22.73	23.5	0	
20	QPSK	1	49	22.70	22.63	22.75	22.63			
20	QPSK	1	99	22.80	22.57	22.72	22.68			
20	QPSK	50	0	22.85	22.64	22.73	22.72			
20	QPSK	50	24	22.77	22.49	22.81	22.66	23.5	0	
20	QPSK	50	50	22.79	22.80	22.87	22.80			
20	QPSK	100	0	22.83	22.59	22.59	22.67			
20	16QAM	1	0	22.74	22.57	22.58	22.62			
20	16QAM	1	49	22.81	22.51	22.71	22.68	23.5	0	
20	16QAM	1	99	22.72	22.56	22.64	22.64			
20	16QAM	50	0	21.78	21.53	21.67	21.65			
20	16QAM	50	24	21.67	21.41	21.56	21.61			
20	16QAM	50	50	21.73	21.50	21.57	21.53	22.5	1	
20	16QAM	100	0	21.76	21.38	21.55	21.63			
20	64QAM	1	0	21.75	21.41	21.57	21.52			
20	64QAM	1	49	21.64	21.47	21.52	21.64			
20	64QAM	1	99	21.72	21.45	21.52	21.60	22.5	1	
20	64QAM	50	0	20.83	20.59	20.70	20.69			
20	64QAM	50	24	20.81	20.46	20.63	20.63			
20	64QAM	50	50	20.71	20.47	20.57	20.57			
20	64QAM	100	0	20.76	20.48	20.57	20.65	Tune-up limit (dBm)	MPR (dB)	
Channel				55315	55800	56160	56650			
Frequency (MHz)				3567.5	3608	3652	3692.5			
15	QPSK	1	0	22.84	22.55	22.70	22.63	23.5	0	
15	QPSK	1	37	22.58	22.55	22.73	22.56			
15	QPSK	1	74	22.70	22.49	22.71	22.63			
15	QPSK	36	0	22.78	22.63	22.70	22.70			
15	QPSK	36	20	22.84	22.40	22.57	22.52	23.5	0	
15	QPSK	36	39	22.71	22.50	22.56	22.50			
15	QPSK	75	0	22.80	22.54	22.50	22.57			
15	16QAM	1	0	22.67	22.53	22.45	22.58			
15	16QAM	1	37	22.78	22.56	22.69	22.54	23.5	0	
15	16QAM	1	74	22.69	22.44	22.52	22.57			
15	16QAM	36	0	21.68	21.41	21.66	21.64			
15	16QAM	36	20	21.55	21.29	21.55	21.59			
15	16QAM	36	39	21.65	21.46	21.47	21.46	22.5	1	
15	16QAM	75	0	21.71	21.37	21.44	21.49			
15	64QAM	1	0	21.64	21.27	21.44	21.43			
15	64QAM	1	37	21.51	21.33	21.50	21.63			
15	64QAM	1	74	21.65	21.41	21.42	21.58	22.5	1	
15	64QAM	36	0	20.76	20.47	20.56	20.68			
15	64QAM	36	20	20.76	20.31	20.61	20.59			
15	64QAM	36	39	20.65	20.41	20.44	20.56			
15	64QAM	75	0	20.68	20.45	20.47	20.58	Tune-up limit (dBm)	MPR (dB)	
Channel				55355	55815	56170	56715			
Frequency (MHz)				3565	3607.5	3642.5	3695			
10	QPSK	1	0	22.78	22.65	22.76	22.72	23.5	0	
10	QPSK	1	25	22.58	22.54	22.70	22.49			
10	QPSK	1	49	22.70	22.48	22.71	22.54			
10	QPSK	25	0	22.74	22.61	22.58	22.62			
10	QPSK	25	12	22.65	22.43	22.54	22.52	23.5	0	
10	QPSK	25	25	22.73	22.54	22.63	22.48			
10	QPSK	50	0	22.80	22.48	22.47	22.60			
10	16QAM	1	0	22.66	22.42	22.56	22.51			
10	16QAM	1	25	22.65	22.47	22.57	22.54	23.5	0	
10	16QAM	1	49	22.80	22.55	22.57	22.61			
10	16QAM	25	0	21.74	21.42	21.57	21.50			
10	16QAM	25	12	21.57	21.27	21.46	21.55			
10	16QAM	25	25	21.64	21.41	21.52	21.45	22.5	1	
10	16QAM	50	0	21.72	21.31	21.49	21.53			
10	64QAM	1	0	21.67	21.31	21.47	21.40			
10	64QAM	1	25	21.49	21.40	21.39	21.63			
10	64QAM	1	49	21.69	21.38	21.47	21.59	21.5	2	
10	64QAM	25	0	20.80	20.44	20.59	20.57			
10	64QAM	25	12	20.72	20.42	20.51	20.48			
10	64QAM	25	25	20.62	20.42	20.46	20.42			
10	64QAM	50	0	20.68	20.34	20.47	20.52	Tune-up limit (dBm)	MPR (dB)	
Channel				55265	55810	56170	56715			
Frequency (MHz)				3552.5	3607	3643	3697.5			
5	QPSK	1	0	22.78	22.62	22.85	22.66	23.5	0	
5	QPSK	1	12	22.88	22.49	22.69	22.48			
5	QPSK	1	24	22.75	22.51	22.66	22.53			
5	QPSK	12	0	22.73	22.59	22.69	22.64			
5	QPSK	12	7	22.65	22.38	22.58	22.64	23.5	0	
5	QPSK	12	13	22.86	22.58	22.52	22.59			
5	QPSK	25	0	22.77	22.47	22.50	22.61			
5	16QAM	1	0	22.65	22.54	22.43	22.60			
5	16QAM	1	12	22.71	22.39	22.62	22.63	23.5	0	
5	16QAM	1	24	22.56	22.42	22.55	22.52			
5	16QAM	12	0	21.69	21.41	21.57	21.63			
5	16QAM	12	7	21.62	21.34	21.43	21.54			
5	16QAM	12	13	21.70	21.48	21.45	21.40	22.5	1	
5	16QAM	25	0	21.69	21.32	21.53	21.58			
5	64QAM	1	0	21.65	21.26	21.52	21.48			
5	64QAM	1	12	21.54	21.42	21.40	21.52			
5	64QAM	1	24	21.63	21.30	21.41	21.51	21.5	2	
5	64QAM	12	0	20.76	20.52	20.62	20.59			
5	64QAM	12	7	20.68	20.37	20.58	20.50			
5	64QAM	12	13	20.59	20.33	20.53	20.43			
5	64QAM	25	0	20.72	20.43	20.46	20.52			

Reduced Power Mode for ECI18

GSM850_Ant 0	Burst Average Power (dBm)			Tuneup Limit (dBm)	Frame-Average Power (dBm)			Tuneup Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.35	32.41	32.49	33.50	23.35	23.41	23.49	24.50
GPRS 1 Tx slot	32.31	32.38	32.46	33.50	23.31	23.38	23.46	24.50
GPRS 2 Tx slots	30.42	30.43	30.58	31.50	24.42	24.43	24.58	25.50
GPRS 3 Tx slots	28.21	28.27	28.36	29.50	23.95	24.01	24.10	25.24
GPRS 4 Tx slots	27.12	27.23	27.21	28.50	24.12	24.23	24.21	25.50
EDGE 1 Tx slot	26.98	26.98	27.05	28.00	17.98	17.98	18.05	21.00
EDGE 2 Tx slots	25.82	25.85	25.95	27.00	19.82	19.85	19.95	21.00
EDGE 3 Tx slots	23.62	23.52	23.64	24.50	19.36	19.26	19.38	20.24
EDGE 4 Tx slots	22.31	22.46	22.57	23.50	19.31	19.46	19.57	20.50

GSM1900_Ant 1	Burst Average Power (dbm)			Tune-up	Frame-Average Power (dbm)			Tune-up
TX Channel	512	661	810	Limit (dbm)	512	661	810	Limit (dbm)
Frequency (MHz)	1850.2	1860	1869.8	30.50	1850.2	1860	1869.8	30.50
GSM 1 Tx slot	29.26	29.56	29.51	30.50	20.26	20.58	20.51	21.50
GPRS 1 Tx slot	29.24	29.53	29.47	30.50	20.24	20.53	20.47	21.50
GPRS 2 Tx slots	27.42	27.72	27.77	28.50	21.42	21.72	21.77	22.50
GPRS 3 Tx slots	26.21	26.47	26.53	27.50	21.95	22.21	22.27	23.24
GPRS 4 Tx slots	24.98	25.14	25.32	26.50	21.98	22.14	22.32	23.50
EDGE 1 Tx slot	25.82	25.82	25.81	27.00	16.82	16.82	16.81	18.00
EDGE 2 Tx slots	24.49	24.71	24.65	26.00	18.49	18.71	18.65	19.24
EDGE 3 Tx slots	22.15	22.23	22.28	23.50	17.89	17.97	18.02	19.24
EDGE 4 Tx slots	20.87	20.82	21.05	22.00	17.87	17.82	18.05	19.24

GSM1900_Ant 4	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	512	661	810	Limit	512	661	810	Limit
Frequency (MHz)	1850.2	1860	1869.8	30.50	1850.2	1860	1869.8	30.50
GSM 1 Tx slot	29.43	29.69	29.82	30.50	20.43	20.69	20.82	21.50
GPRS 1 Tx slot	29.40	29.67	29.74	30.50	20.40	20.67	20.74	21.50
GPRS 2 Tx slots	27.49	27.87	27.93	28.50	21.49	21.87	21.93	22.50
GPRS 3 Tx slots	26.26	26.57	26.72	27.50	22.00	22.31	22.46	23.24
GPRS 4 Tx slots	24.94	25.06	25.37	26.50	21.94	22.06	22.37	23.50
EDGE 1 Tx slot	25.88	25.84	25.88	27.00	16.88	16.84	16.88	18.00
EDGE 2 Tx slots	24.52	24.58	24.56	26.00	18.58	18.56	18.58	20.00
EDGE 3 Tx slots	22.35	22.78	22.28	23.50	18.09	18.52	18.02	19.24
EDGE 4 Tx slots	20.72	20.71	20.89	22.00	17.72	17.71	17.89	19.00

Band		WCDMA II_Ant-1			Tune-up Limit (dBm)	WCDMA IV_Ant-1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.96	24.03	24.00	25.00	23.82	23.85	23.79	25.00
3GPP Rel 99	RMC 12.2Kbps	24.02	24.08	24.05	25.00	23.87	23.93	23.84	25.00
3GPP Rel 6	HSDPA Subtest-1	23.18	23.25	23.22	24.00	23.08	23.18	23.15	24.00
3GPP Rel 6	HSDPA Subtest-2	23.21	23.23	23.20	24.00	23.01	23.13	23.11	24.00
3GPP Rel 6	HSDPA Subtest-3	22.75	22.72	22.70	23.50	22.60	22.69	22.64	23.50
3GPP Rel 6	HSDPA Subtest-4	22.69	22.73	22.68	23.50	22.53	22.62	22.57	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.09	23.19	23.15	24.00	22.96	23.07	23.01	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.12	23.08	23.10	24.00	22.87	23.04	23.06	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.66	22.57	22.65	23.50	22.55	22.55	22.62	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.54	22.54	22.66	23.50	22.51	22.46	22.48	23.50
3GPP Rel 6	HSUPA Subtest-1	21.17	21.23	21.20	22.00	21.07	21.15	21.19	22.00
3GPP Rel 6	HSUPA Subtest-2	21.20	21.25	21.21	22.00	21.11	21.21	21.20	22.00
3GPP Rel 6	HSUPA Subtest-3	22.23	22.26	22.22	23.00	22.09	22.20	22.20	23.00
3GPP Rel 6	HSUPA Subtest-4	20.80	20.77	20.71	22.00	20.57	20.69	20.68	22.00
3GPP Rel 6	HSUPA Subtest-5	22.20	22.28	22.20	24.00	22.10	22.20	22.20	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.09	21.15	21.22	22.50	21.19	21.26	21.23	22.50

Band		WCDMA II_Ant-4			Tune-up Limit (dBm)	WCDMA IV_Ant-4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.39	21.33	21.34	22.50	23.78	23.81	23.74	25.00
3GPP Rel 99	RMC 12.2Kbps	21.44	21.46	21.47	22.50	23.83	23.86	23.78	25.00
3GPP Rel 6	HSDPA Subtest-1	20.58	20.74	20.67	21.50	22.96	23.07	23.09	24.00
3GPP Rel 6	HSDPA Subtest-2	20.61	20.70	20.77	21.50	22.93	23.05	23.10	24.00
3GPP Rel 6	HSDPA Subtest-3	20.10	20.20	20.28	21.00	22.44	22.59	22.60	23.50
3GPP Rel 6	HSDPA Subtest-4	20.05	20.17	20.20	21.00	22.45	22.55	22.53	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.37	20.62	20.68	21.50	22.89	22.93	23.02	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.55	20.57	20.56	21.50	22.89	23.02	22.96	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.96	20.11	20.09	21.00	22.36	22.51	22.58	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.90	20.07	19.97	21.00	22.30	22.46	22.49	23.50
3GPP Rel 6	HSUPA Subtest-1	18.67	18.71	18.76	19.50	20.93	21.04	21.06	22.00
3GPP Rel 6	HSUPA Subtest-2	18.65	18.67	18.79	19.50	20.98	21.09	21.04	22.00
3GPP Rel 6	HSUPA Subtest-3	19.75	19.77	19.67	20.50	22.00	22.09	22.12	23.00
3GPP Rel 6	HSUPA Subtest-4	18.20	18.28	18.31	19.50	20.40	20.62	20.65	22.00
3GPP Rel 6	HSUPA Subtest-5	19.55	19.72	19.76	21.50	22.00	22.10	22.10	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.62	18.60	18.72	20.00	21.11	21.19	21.08	22.50

Band		WCDMA V_Ant-0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.80	23.87	23.83	25.00
3GPP Rel 99	RMC 12.2Kbps	23.84	23.95	23.91	25.00
3GPP Rel 6	HSDPA Subtest-1	22.96	22.94	22.92	24.00
3GPP Rel 6	HSDPA Subtest-2	22.89	23.06	22.96	24.00
3GPP Rel 6	HSDPA Subtest-3	22.53	22.61	22.55	23.50
3GPP Rel 6	HSDPA Subtest-4	22.38	22.56	22.51	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.84	22.90	22.91	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.83	22.99	22.89	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.47	22.51	22.41	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.31	22.46	22.41	23.50
3GPP Rel 6	HSUPA Subtest-1	20.90	20.94	20.97	22.00
3GPP Rel 6	HSUPA Subtest-2	20.95	20.98	20.98	22.00
3GPP Rel 6	HSUPA Subtest-3	21.94	21.97	21.98	23.00
3GPP Rel 6	HSUPA Subtest-4	20.45	20.43	20.56	22.00
3GPP Rel 6	HSUPA Subtest-5	22.30	22.10	22.00	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.82	20.89	20.88	22.50

GSM850_Ant 4	Burst Average Power (dbm)				Tune-up Limit	Frame-Average Power (dbm)				Tune-up Limit
Tx Channel	128	189	251			128	189	251		
Frequency (MHz)	824.2	836.4	848.8			824.2	836.4	848.8		
GSM 1 Tx slot	32.05	32.26	32.11		33.00	23.05	23.26	23.11	24.00	
GPRS 1 Tx slot	32.01	32.21	32.05		33.00	23.01	23.21	23.05	24.00	
GPRS 2 Tx slots	30.12	30.26	30.13		31.00	24.12	24.26	24.13	25.00	
GPRS 3 Tx slots	27.86	28.04	27.92		29.00	23.60	23.78	23.66	24.74	
GPRS 4 Tx slots	26.72	26.87	26.77		28.00	23.72	23.87	23.77	25.00	
EDGE 1 Tx slot	26.82	26.77	26.77		27.50	17.82	17.77	17.77	20.50	
EDGE 2 Tx slots	25.70	25.68	25.65		26.50	19.70	19.68	19.65	20.50	
EDGE 3 Tx slots	23.43	23.48	23.32		24.50	19.17	19.22	19.06	20.24	
EDGE 4 Tx slots	22.27	22.27	22.24		23.50	19.27	19.27	19.24	20.50	

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up	
	TX Channel	512	661	810	Limit	512	661	810	Limit
Frequency (MHz)		1850.2	1860	1869.8		1850.2	1860	1869.8	
GSM 1 Tx slot		29.66	29.79	29.74	30.50	20.66	20.79	20.74	21.50
GPRS 1 Tx slot		29.66	29.77	29.73	30.50	20.66	20.77	20.73	21.50
GPRS 2 Tx slots		27.78	27.86	27.90	28.50	21.78	21.86	21.90	22.50
GPRS 3 Tx slots		26.58	26.68	26.65	27.50	22.32	22.42	22.39	23.24
GPRS 4 Tx slots		25.27	25.35	25.38	26.50	22.27	22.35	22.38	23.50
EDGE 1 Tx slot		25.99	26.14	26.06	27.00	16.99	17.14	17.06	18.00
EDGE 2 Tx slots		24.78	24.88	24.84	26.00	18.78	18.88	18.84	20.00
EDGE 3 Tx slots		22.54	22.60	22.58	23.50	18.28	18.34	18.32	19.24
EDGE 4 Tx slots		21.26	21.31	21.29	22.00	18.26	18.31	18.29	19.00

	Band		WCDMA II_Ant-2			Tune-up Limit (dBm)	WCDMA IV_Ant-2			Tune-up Limit (dBm)
	TX Channel		9262	9400	9538		1312	1413	1513	
	Rx Channel		9662	9800	9938		1537	1638	1738	
	Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.07	20.10	20.05	21.00	23.77	23.83	23.80	25.00	
3GPP Rel 99	RMC 12.2Kbps	20.12	20.14	20.08	21.00	23.82	23.90	23.88	25.00	
3GPP Rel 6	HSDPA Subtest-1	19.04	19.05	19.10	20.00	23.18	23.16	23.08	24.00	
3GPP Rel 6	HSDPA Subtest-2	18.99	19.09	19.10	20.00	23.15	23.14	23.11	24.00	
3GPP Rel 6	HSDPA Subtest-3	18.53	18.63	18.61	19.50	22.71	22.67	22.66	23.50	
3GPP Rel 6	HSDPA Subtest-4	18.54	18.64	18.54	19.50	22.70	22.62	22.65	23.50	
3GPP Rel 8	DC-HSDPA Subtest-1	18.91	18.98	19.05	20.00	23.07	23.13	23.00	24.00	
3GPP Rel 8	DC-HSDPA Subtest-2	18.97	19.08	18.96	20.00	23.14	23.12	23.06	24.00	
3GPP Rel 8	DC-HSDPA Subtest-3	18.52	18.49	18.53	19.50	22.56	22.65	22.61	23.50	
3GPP Rel 8	DC-HSDPA Subtest-4	18.44	18.55	18.48	19.50	22.63	22.55	22.50	23.50	
3GPP Rel 6	HSUPA Subtest-1	17.07	17.17	17.16	18.00	21.02	20.87	20.83	22.00	
3GPP Rel 6	HSUPA Subtest-2	17.09	17.19	17.15	18.00	21.03	20.94	20.80	22.00	
3GPP Rel 6	HSUPA Subtest-3	18.10	18.18	18.16	19.00	21.84	21.88	21.81	23.00	
3GPP Rel 6	HSUPA Subtest-4	16.60	16.74	16.71	18.00	20.37	20.44	20.33	22.00	
3GPP Rel 6	HSUPA Subtest-5	18.10	18.20	18.20	20.00	22.02	22.11	22.08	24.00	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.10	17.20	17.15	18.50	22.08	22.10	20.86	22.50	

Band 2_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	23.41	23.43	23.38	24.5	0		
20	QPSK	1	49	23.38	23.40	23.37				
20	QPSK	1	99	23.29	23.32	23.31				
20	QPSK	50	0	22.37	22.40	22.36	23.5	1		
20	QPSK	50	24	22.32	22.35	22.34				
20	QPSK	50	50	22.34	22.37	22.34				
20	QPSK	100	0	22.35	22.37	22.35	23.5	1		
20	16QAM	1	0	22.71	22.57	22.63				
20	16QAM	1	49	22.70	22.57	22.64				
20	16QAM	1	99	22.59	22.52	22.51	22.5	2		
20	16QAM	50	0	21.39	21.35	21.37				
20	16QAM	50	24	21.36	21.39	21.33				
20	16QAM	50	50	21.33	21.36	21.32	22.5	2		
20	16QAM	100	0	21.34	21.35	21.33				
20	64QAM	1	0	21.64	21.49	21.52				
20	64QAM	1	49	21.60	21.59	21.51	21.5	3		
20	64QAM	1	99	21.44	21.48	21.49				
20	64QAM	50	0	20.40	20.37	20.40				
20	64QAM	50	24	20.39	20.41	20.36	Tune-up limit (dBm)	MPR (dB)		
20	64QAM	50	50	20.35	20.37	20.33				
20	64QAM	100	0	20.37	20.36	20.34				
Channel				18675	18800	19125				
Frequency (MHz)				1857.5	18900	1902.5				
15	QPSK	1	0	23.28	23.26	23.23	24.5	0		
15	QPSK	1	37	23.41	23.33	23.25				
15	QPSK	1	74	23.22	23.17	23.17				
15	QPSK	36	0	22.33	22.29	22.35	23.5	1		
15	QPSK	36	20	22.24	22.19	22.22				
15	QPSK	36	39	22.30	22.24	22.23				
15	QPSK	75	0	22.34	22.32	22.23	23.5	1		
15	16QAM	1	0	22.42	22.58	22.50				
15	16QAM	1	37	22.52	22.62	22.56				
15	16QAM	1	74	22.49	22.58	22.39	22.5	2		
15	16QAM	36	0	21.29	21.27	21.29				
15	16QAM	36	20	21.33	21.23	21.23				
15	16QAM	36	39	21.24	21.29	21.21	21.5	3		
15	16QAM	75	0	21.29	21.22	21.21				
15	64QAM	1	0	21.45	21.53	21.41				
15	64QAM	1	37	21.49	21.59	21.38	22.5	2		
15	64QAM	1	74	21.33	21.37	21.39				
15	64QAM	36	0	20.35	20.30	20.26				
15	64QAM	36	20	20.28	20.32	20.21	21.5	3		
15	64QAM	36	39	20.31	20.22	20.24				
15	64QAM	75	0	20.27	20.31	20.24				
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	18800	1905				
10	QPSK	1	0	23.29	23.33	23.32	24.5	0		
10	QPSK	1	25	23.35	23.33	23.35				
10	QPSK	1	49	23.29	23.25	23.17				
10	QPSK	25	0	22.36	22.23	22.25	23.5	1		
10	QPSK	25	12	22.29	22.17	22.19				
10	QPSK	25	25	22.29	22.30	22.26				
10	QPSK	50	0	22.27	22.24	22.28	23.5	1		
10	16QAM	1	0	22.54	22.57	22.51				
10	16QAM	1	25	22.53	22.66	22.51				
10	16QAM	1	49	22.48	22.45	22.36	22.5	2		
10	16QAM	25	0	21.25	21.25	21.25				
10	16QAM	25	12	21.35	21.31	21.22				
10	16QAM	25	25	21.32	21.32	21.18	22.5	2		
10	16QAM	50	0	21.22	21.26	21.24				
10	64QAM	1	0	21.44	21.58	21.37				
10	64QAM	1	25	21.49	21.45	21.47	21.5	3		
10	64QAM	1	49	21.41	21.43	21.48				
10	64QAM	25	0	20.27	20.39	20.33				
10	64QAM	25	12	20.26	20.34	20.21	Tune-up limit (dBm)	MPR (dB)		
10	64QAM	25	25	20.25	20.20	20.23				
10	64QAM	50	0	20.28	20.36	20.20				
Channel				18625	18900	19175				
Frequency (MHz)				1852.5	18800	1907.5				
5	QPSK	1	0	23.23	23.33	23.27	24.5	0		
5	QPSK	1	12	23.42	23.39	23.22				
5	QPSK	1	24	23.28	23.21	23.38				
5	QPSK	12	0	22.39	22.25	22.21	23.5	1		
5	QPSK	12	7	22.25	22.19	22.25				
5	QPSK	12	13	22.26	22.22	22.23				
5	QPSK	25	0	22.30	22.33	22.33	23.5	1		
5	16QAM	1	0	22.47	22.62	22.61				
5	16QAM	1	12	22.44	22.56	22.50				
5	16QAM	1	24	22.47	22.53	22.47	22.5	2		
5	16QAM	12	0	21.34	21.31	21.30				
5	16QAM	12	7	21.33	21.34	21.19				
5	16QAM	12	13	21.26	21.19	21.19	22.5	2		
5	16QAM	25	0	21.28	21.32	21.22				
5	64QAM	1	0	21.44	21.50	21.39				
5	64QAM	1	12	21.54	21.47	21.44	21.5	3		
5	64QAM	1	24	21.35	21.34	21.42				
5	64QAM	12	0	20.33	20.37	20.25				
5	64QAM	12	7	20.40	20.29	20.23	Tune-up limit (dBm)	MPR (dB)		
5	64QAM	12	13	20.30	20.29	20.30				
5	64QAM	25	0	20.32	20.27	20.21				
Channel				18615	18900	19185				
Frequency (MHz)				1851.5	18800	1908.5				
3	QPSK	1	0	23.35	23.30	23.25	24.5	0		
3	QPSK	1	8	23.29	23.37	23.28				
3	QPSK	1	14	23.27	23.14	23.19				
3	QPSK	8	0	22.28	22.29	22.34	23.5	1		
3	QPSK	8	4	22.27	22.21	22.28				
3	QPSK	8	7	22.26	22.22	22.26				
3	QPSK	15	0	22.22	22.22	22.22	23.5	1		
3	16QAM	1	0	22.51	22.62	22.49				
3	16QAM	1	8	22.49	22.64	22.61				
3	16QAM	1	14	22.45	22.58	22.50	22.5	2		
3	16QAM	8	0	21.25	21.33	21.34				
3	16QAM	8	4	21.32	21.33	21.22				
3	16QAM	8	7	21.32	21.20	21.20	22.5	2		
3	16QAM	15	0	21.30	21.21	21.22				
3	64QAM	1	0	21.38	21.57	21.45				
3	64QAM	1	8	21.50	21.47	21.48	21.5	3		
3	64QAM	1	14	21.42	21.42	21.36				
3	64QAM	8	0	20.31	20.31	20.39				
3	64QAM	8	4	20.31	20.30	20.28	Tune-up limit (dBm)	MPR (dB)		
3	64QAM	8	7	20.36	20.25	20.33				
3	64QAM	15	0	20.28	20.33	20.28				
Channel				18607	18900	19193				
Frequency (MHz)				1850.7	18800	1909.3				
1.4	QPSK	1	0	23.36	23.32	23.28	24.5	0		
1.4	QPSK	1	3	23.29	23.36	23.16				
1.4	QPSK	1	3	23.19	23.18	23.18				
1.4	QPSK	3	0	23.26	23.39	23.26	23.5	1		
1.4	QPSK	3	1	23.40	23.26	23.22				
1.4	QPSK	3	3	23.18	23.20	23.20				
1.4	QPSK	6	0	22.22	22.26	22.25	23.5	1		
1.4	16QAM	1	0	22.46	22.70	22.54				
1.4	16QAM	1	3	22.43	22.65	22.59				
1.4	16QAM	3	0	22.39	22.48	22.38	22.5	2		
1.4	16QAM	3	1	22.52	22.62	22.45				
1.4	16QAM	3	1	22.51	22.68	22.52				
1.4	16QAM	3	3	22.47	22.58	22.48	22.5	2		
1.4	16QAM	6	0	21.23	21.30	21.29				
1.4	64QAM	1	0	21.39	21.59	21.38				
1.4	64QAM	1	3	21.55	21.53	21.44	21.5	2		
1.4	64QAM	1	5	21.47	21.32	21.44				
1.4	64QAM	3	0	21.47	21.59	21.37				
1.4	64QAM	3	1	21.56	21.48	21.48	21.5	3		
1.4	64QAM	3	3	21.46	21.32	21.39				
1.4	64QAM	6	0	20.35	20.31	20.30				

Band 4_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20050	20175	20300				
Frequency (MHz)				1720	1732.5	1745				
20	QPSK	1	0	23.25	23.30	23.27	24.5	0		
20	QPSK	1	49	23.22	23.26	23.20				
20	QPSK	1	99	23.11	23.15	23.22				
20	QPSK	50	0	22.29	22.31	22.27	23.5	1		
20	QPSK	50	24	22.27	22.22	22.25				
20	QPSK	50	50	22.21	22.19	22.26				
20	QPSK	100	0	22.24	22.22	22.26	23.5	1		
20	16QAM	1	0	22.52	22.53	22.49				
20	16QAM	1	49	22.53	22.51	22.48				
20	16QAM	1	99	22.44	22.36	22.50	22.5	2		
20	16QAM	50	0	21.23	21.20	21.21				
20	16QAM	50	24	21.26	21.19	21.26				
20	16QAM	50	50	21.22	21.20	21.26	22.5	2		
20	16QAM	100	0	21.22	21.18	21.24				
20	64QAM	1	0	21.34	21.45	21.41				
20	64QAM	1	49	21.42	21.43	21.46	22.5	2		
20	64QAM	1	99	21.27	21.25	21.42				
20	64QAM	50	0	20.24	20.22	20.21				
20	64QAM	50	24	20.27	20.21	20.27	21.5	3		
20	64QAM	50	50	20.21	20.19	20.27				
20	64QAM	100	0	20.23	20.19	20.25				
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1732.5	1747.5				
15	QPSK	1	0	23.15	23.16	23.22	24.5	0		
15	QPSK	1	37	23.09	23.16	23.13				
15	QPSK	1	74	23.10	23.03	23.12				
15	QPSK	36	0	22.22	22.17	22.17	23.5	1		
15	QPSK	36	20	22.12	22.19	22.24				
15	QPSK	36	39	22.11	22.06	22.15				
15	QPSK	75	0	22.09	22.21	22.25	23.5	1		
15	16QAM	1	0	22.49	22.41	22.34				
15	16QAM	1	37	22.39	22.49	22.40				
15	16QAM	1	74	22.40	22.30	22.42	22.5	1		
15	16QAM	36	0	21.22	21.05	21.15				
15	16QAM	36	20	21.16	21.05	21.19				
15	16QAM	36	39	21.09	21.13	21.13	22.5	2		
15	16QAM	75	0	21.13	21.10	21.20				
15	64QAM	1	0	21.27	21.39	21.28				
15	64QAM	1	37	21.30	21.38	21.37	22.5	2		
15	64QAM	1	74	21.13	21.21	21.33				
15	64QAM	36	0	20.17	20.18	20.07				
15	64QAM	36	20	20.26	20.20	20.26	21.5	3		
15	64QAM	36	39	20.11	20.05	20.21				
15	64QAM	75	0	20.20	20.08	20.20				
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1732.5	1750				
10	QPSK	1	0	23.14	23.18	23.18	24.5	0		
10	QPSK	1	25	23.07	23.12	23.19				
10	QPSK	1	49	23.06	23.07	23.19				
10	QPSK	25	0	22.16	22.21	22.21	23.5	1		
10	QPSK	25	12	22.14	22.11	22.10				
10	QPSK	25	25	22.14	22.14	22.18				
10	QPSK	50	0	22.18	22.14	22.14	23.5	1		
10	16QAM	1	0	22.39	22.43	22.38				
10	16QAM	1	25	22.51	22.47	22.42				
10	16QAM	1	49	22.37	22.34	22.47	22.5	2		
10	16QAM	25	0	21.18	21.19	21.07				
10	16QAM	25	12	21.15	21.09	21.17				
10	16QAM	25	25	21.07	21.13	21.25	22.5	2		
10	16QAM	50	0	21.17	21.14	21.20				
10	64QAM	1	0	21.25	21.33	21.30				
10	64QAM	1	25	21.38	21.36	21.40	22.5	2		
10	64QAM	1	49	21.17	21.13	21.29				
10	64QAM	25	0	20.13	20.08	20.06				
10	64QAM	25	12	20.23	20.07	20.21	21.5	3		
10	64QAM	25	25	20.12	20.07	20.21				
10	64QAM	50	0	20.15	20.05	20.19				
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1732.5	1752.5				
5	QPSK	1	0	23.18	23.18	23.24	24.5	0		
5	QPSK	1	12	23.09	23.18	23.24				
5	QPSK	1	24	23.06	23.18	23.07				
5	QPSK	12	0	22.14	22.24	22.16	23.5	1		
5	QPSK	12	7	22.20	22.16	22.14				
5	QPSK	12	13	22.18	22.15	22.21				
5	QPSK	25	0	22.23	22.28	22.14	23.5	1		
5	16QAM	1	0	22.40	22.41	22.35				
5	16QAM	1	12	22.50	22.37	22.34				
5	16QAM	1	24	22.33	22.35	22.45	22.5	2		
5	16QAM	12	0	21.17	21.06	21.16				
5	16QAM	12	7	21.17	21.07	21.21				
5	16QAM	12	13	21.16	21.07	21.25	22.5	2		
5	16QAM	25	0	21.13	21.05	21.09				
5	64QAM	1	0	21.20	21.39	21.40				
5	64QAM	1	12	21.31	21.36	21.45	22.5	2		
5	64QAM	1	24	21.25	21.11	21.33				
5	64QAM	12	0	20.14	20.20	20.14				
5	64QAM	12	7	20.16	20.11	20.14	21.5	3		
5	64QAM	12	13	20.13	20.16	20.25				
5	64QAM	25	0	20.11	20.11	20.23				
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1732.5	1753.5				
3	QPSK	1	0	23.14	23.15	23.20	24.5	0		
3	QPSK	1	8	23.15	23.21	23.11				
3	QPSK	1	14	22.97	23.07	23.16				
3	QPSK	8	0	22.18	22.20	22.12	23.5	1		
3	QPSK	8	4	22.25	22.18	22.12				
3	QPSK	8	7	22.19	22.18	22.12				
3	QPSK	15	0	22.09	22.27	22.24	23.5	1		
3	16QAM	1	0	22.45	22.40	22.45				
3	16QAM	1	8	22.45	22.47	22.40				
3	16QAM	1	14	22.33	22.22	22.46	22.5	2		
3	16QAM	8	0	21.21	21.08	21.10				
3	16QAM	8	4	21.22	21.10	21.15				
3	16QAM	8	7	21.07	21.09	21.15	22.5	2		
3	16QAM	15	0	21.08	21.06	21.12				
3	64QAM	1	0	21.30	21.43	21.29				
3	64QAM	1	8	21.36	21.29	21.40	22.5	2		
3	64QAM	1	14	21.13	21.12	21.38				
3	64QAM	8	0	20.18	20.15	20.13				
3	64QAM	8	4	20.12	20.13	20.13	21.5	3		
3	64QAM	8	7	20.07	20.04	20.10				
3	64QAM	15	0	20.08	20.08	20.10				
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1732.5	1754.3				
1.4	QPSK	1	0	23.15	23.22	23.17	24.5	0		
1.4	QPSK	1	3	23.20	23.23	23.16				
1.4	QPSK	1	6	23.18	23.12	23.19				
1.4	QPSK	3	0	23.14	23.25	23.25	23.5	1		
1.4	QPSK	3	1	23.07	23.24	23.19				
1.4	QPSK	3	2	23.01	23.08	23.21				
1.4	QPSK	6	0	22.12	22.26	22.12	23.5	1		
1.4	16QAM	1	0	22.40	22.38	22.36				
1.4	16QAM	1	3	22.48	22.39	22.38				
1.4	16QAM	1	6	22.40	22.35	22.45	23.5	1		
1.4	16QAM	3	0	22.38	22.30	22.43				
1.4	16QAM	3	1	22.51	22.40	22.47				
1.4	16QAM	3	2	22.43	22.30	22.46	22.5	2		
1.4	64QAM	1	0	21.33	21.38	21.36				
1.4	64QAM	1	3	21.29	21.37	21.41				
1.4	64QAM	1	5	21.16	21.13	21.36	22.5	2		
1.4	64QAM	3	0	21.22	21.43	21.26				
1.4	64QAM	3	1	21.40	21.28	21.30				
1.4	64QAM	3	2	21.21	21.17	21.35	21.5	3		
1.4	64QAM	6	0	20.16	20.11	20.22				

Band 5_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.78	23.87	23.86	25	0		
10	QPSK	1	25	23.66	23.74	23.53				
10	QPSK	1	49	23.70	23.82	23.74				
10	QPSK	25	0	22.64	22.77	22.74				
10	QPSK	25	12	22.63	22.67	22.72	24	1		
10	QPSK	25	25	22.63	22.69	22.70				
10	QPSK	50	0	22.67	22.75	22.73				
10	16QAM	1	0	22.74	22.93	22.97				
10	16QAM	1	25	22.74	22.74	23.02	24	1		
10	16QAM	1	49	22.71	23.00	22.97				
10	16QAM	25	0	21.66	21.63	21.74				
10	16QAM	25	12	21.60	21.71	21.69				
10	16QAM	25	25	21.60	21.78	21.71	23	2		
10	16QAM	50	0	21.62	21.73	21.71				
10	64QAM	1	0	21.93	22.06	21.96				
10	64QAM	1	25	21.85	21.77	21.95				
10	64QAM	1	49	21.84	21.98	21.81	23	2		
10	64QAM	25	0	20.60	20.73	20.66				
10	64QAM	25	12	20.52	20.62	20.69				
10	64QAM	25	25	20.66	20.68	20.81				
10	64QAM	50	0	20.63	20.68	20.74	22	3		
Channel				20425	20525	20625				
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	23.75	23.85	23.83	25	0		
5	QPSK	1	12	23.54	23.73	23.39				
5	QPSK	1	24	23.65	23.77	23.62				
5	QPSK	12	0	22.60	22.72	22.61				
5	QPSK	12	7	22.51	22.56	22.71	24	1		
5	QPSK	12	13	22.55	22.62	22.62				
5	QPSK	25	0	22.56	22.62	22.66				
5	16QAM	1	0	22.67	22.80	22.91				
5	16QAM	1	12	22.61	22.62	22.39	24	1		
5	16QAM	1	24	22.67	22.90	22.86				
5	16QAM	12	0	21.65	21.54	21.72				
5	16QAM	12	7	21.56	21.64	21.65				
5	16QAM	12	13	21.57	21.73	21.70	23	2		
5	16QAM	25	0	21.61	21.66	21.58				
5	64QAM	1	0	21.89	22.01	21.87				
5	64QAM	1	12	21.75	21.69	21.94				
5	64QAM	1	24	21.72	21.93	21.76	23	2		
5	64QAM	12	0	20.49	20.67	20.60				
5	64QAM	12	7	20.46	20.50	20.58				
5	64QAM	12	13	20.57	20.55	20.72				
5	64QAM	25	0	20.68	20.62	20.74	22	3		
Channel				20415	20525	20635				
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	23.74	23.81	23.76	25	0		
3	QPSK	1	8	23.52	23.66	23.39				
3	QPSK	1	14	23.61	23.69	23.70				
3	QPSK	8	0	22.57	22.76	22.71				
3	QPSK	8	4	22.62	22.59	22.69	24	1		
3	QPSK	8	7	22.60	22.61	22.69				
3	QPSK	15	0	22.59	22.73	22.64				
3	16QAM	1	0	22.62	22.89	22.88				
3	16QAM	1	8	22.72	22.68	22.97	24	1		
3	16QAM	1	14	22.68	22.88	22.91				
3	16QAM	8	0	21.65	21.57	21.63				
3	16QAM	8	4	21.48	21.63	21.63				
3	16QAM	8	7	21.59	21.64	21.64	23	2		
3	16QAM	15	0	21.53	21.61	21.56				
3	64QAM	1	0	21.80	21.95	21.95				
3	64QAM	1	8	21.78	21.69	21.88				
3	64QAM	1	14	21.70	21.85	21.70	23	2		
3	64QAM	8	0	20.49	20.66	20.51				
3	64QAM	8	4	20.42	20.48	20.57				
3	64QAM	8	7	20.63	20.65	20.73				
3	64QAM	15	0	20.68	20.59	20.65	22	3		
Channel				20407	20525	20643				
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.69	23.72	23.84	25	0		
1.4	QPSK	1	3	23.51	23.71	23.45				
1.4	QPSK	1	5	23.57	23.77	23.65				
1.4	QPSK	3	0	23.71	23.80	23.85				
1.4	QPSK	3	1	23.63	23.68	23.45	24	1		
1.4	QPSK	3	3	23.69	23.70	23.73				
1.4	QPSK	6	0	22.58	22.61	22.65				
1.4	16QAM	1	0	22.73	22.91	22.88				
1.4	16QAM	1	3	22.64	22.59	23.00	24	1		
1.4	16QAM	1	5	22.66	22.86	22.84				
1.4	16QAM	3	0	22.73	22.86	22.87				
1.4	16QAM	3	1	22.64	22.71	23.01				
1.4	16QAM	3	3	22.59	22.88	22.86	23	2		
1.4	16QAM	6	0	21.57	21.64	21.67				
1.4	64QAM	1	0	21.92	21.93	21.87				
1.4	64QAM	1	3	21.82	21.73	21.92				
1.4	64QAM	1	5	21.80	21.92	21.80	23	2		
1.4	64QAM	3	0	21.49	21.75	21.69				
1.4	64QAM	3	1	21.53	21.69	21.70				
1.4	64QAM	3	3	21.98	21.99	21.97				
1.4	64QAM	6	0	20.60	20.59	20.77	22	3		
Channel				20407	20525	20643				
Frequency (MHz)				824.7	836.5	848.3				

Band 5_Ant 4												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dbm)	MPR (dB)				
Channel				20450	20525	20600						
Frequency (MHz)				829	836.5	844						
10	QPSK	1	0	23.63	23.66	23.64	25	0				
10	QPSK	1	25	23.49	23.44	23.50						
10	QPSK	1	49	23.47	23.61	23.57						
10	QPSK	25	0	22.55	22.63	22.55						
10	QPSK	25	12	22.54	22.49	22.50	24	1				
10	QPSK	25	25	22.55	22.56	22.47						
10	QPSK	50	0	22.56	22.60	22.52						
10	16QAM	1	0	22.85	23.05	22.80						
10	16QAM	1	25	22.71	22.81	23.01	24	1				
10	16QAM	1	49	22.88	22.87	22.93						
10	16QAM	25	0	21.57	21.47	21.60						
10	16QAM	25	12	21.62	21.42	21.64						
10	16QAM	25	25	21.61	21.48	21.62	23	2				
10	16QAM	50	0	21.61	21.46	21.61						
10	64QAM	1	0	21.75	21.87	21.80						
10	64QAM	1	25	21.76	21.60	21.66						
10	64QAM	1	49	21.62	21.68	21.64	23	2				
10	64QAM	25	0	20.50	20.50	20.51						
10	64QAM	25	12	20.49	20.48	20.48						
10	64QAM	25	25	20.52	20.58	20.52						
10	64QAM	50	0	20.51	20.51	20.51	22	3				
Channel				20425	20525	20625						
Frequency (MHz)				826.5	836.5	846.5						
5	QPSK	1	0	23.51	23.64	23.58			25	0		
5	QPSK	1	12	23.41	23.42	23.42						
5	QPSK	1	24	23.32	23.59	23.52						
5	QPSK	12	0	22.48	22.58	22.40						
5	QPSK	12	7	22.52	22.46	22.45	24	1				
5	QPSK	12	13	22.40	22.33	22.33						
5	QPSK	25	0	22.54	22.57	22.48						
5	16QAM	1	0	22.84	23.03	22.66						
5	16QAM	1	12	22.58	22.71	22.90	24	1				
5	16QAM	1	24	22.80	22.84	22.92						
5	16QAM	12	0	21.49	21.46	21.53						
5	16QAM	12	7	21.58	21.30	21.53						
5	16QAM	12	13	21.53	21.41	21.61	23	2				
5	16QAM	25	0	21.58	21.60	21.58						
5	64QAM	1	0	21.63	21.85	21.75						
5	64QAM	1	12	21.61	21.56	21.64						
5	64QAM	1	24	21.48	21.59	21.85	23	2				
5	64QAM	12	0	20.40	20.40	20.48						
5	64QAM	12	7	20.34	20.36	20.36						
5	64QAM	12	13	20.40	20.56	20.41						
5	64QAM	25	0	20.42	20.50	20.55	22	3				
Channel				20415	20525	20635						
Frequency (MHz)				825.5	836.5	847.5						
3	QPSK	1	0	23.54	23.64	23.61			25	0		
3	QPSK	1	8	23.35	23.41	23.40						
3	QPSK	1	14	23.41	23.53	23.48						
3	QPSK	8	0	22.53	22.61	22.42						
3	QPSK	8	4	22.43	22.44	22.40	24	1				
3	QPSK	8	7	22.41	22.52	22.40						
3	QPSK	15	0	22.54	22.56	22.44						
3	16QAM	1	0	22.80	22.93	22.73						
3	16QAM	1	8	22.70	22.78	22.89	24	1				
3	16QAM	1	14	22.77	22.83	22.83						
3	16QAM	8	0	21.53	21.37	21.46						
3	16QAM	8	4	21.57	21.39	21.53						
3	16QAM	8	7	21.53	21.37	21.56	23	2				
3	16QAM	15	0	21.59	21.31	21.47						
3	64QAM	1	0	21.63	21.78	21.79						
3	64QAM	1	8	21.65	21.53	21.55						
3	64QAM	1	14	21.55	21.61	21.88	23	2				
3	64QAM	8	0	20.49	20.41	20.60						
3	64QAM	8	4	20.36	20.44	20.36						
3	64QAM	8	7	20.47	20.39	20.40						
3	64QAM	15	0	20.43	20.42	20.48	22	3				
Channel				20407	20525	20643						
Frequency (MHz)				824.7	836.5	848.3						
1.4	QPSK	1	0	23.57	23.56	23.57			25	0		
1.4	QPSK	1	3	23.46	23.42	23.40						
1.4	QPSK	1	5	23.37	23.51	23.43						
1.4	QPSK	3	0	23.54	23.60	23.54						
1.4	QPSK	3	1	23.45	23.29	23.49	24	1				
1.4	QPSK	3	3	23.46	23.54	23.45						
1.4	QPSK	6	0	22.43	22.47	22.39						
1.4	16QAM	1	0	22.78	22.99	22.67						
1.4	16QAM	1	3	22.60	22.89	22.80	24	1				
1.4	16QAM	1	5	22.87	22.79	22.87						
1.4	16QAM	3	0	22.80	23.02	22.79						
1.4	16QAM	3	1	22.66	22.79	22.90						
1.4	16QAM	3	3	22.74	22.72	22.86	23	2				
1.4	16QAM	6	0	21.50	21.37	21.58						
1.4	64QAM	1	0	21.71	21.77	21.67						
1.4	64QAM	1	3	21.62	21.53	21.63						
1.4	64QAM	1	5	21.61	21.67	21.63	23	2				
1.4	64QAM	3	0	21.61	21.85	21.68						
1.4	64QAM	3	1	21.63	21.59	21.57						
1.4	64QAM	3	3	21.60	21.54	21.51						
1.4	64QAM	6	0	20.45	20.42	20.50	22	3				

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	20.5	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	19.80	19.87	19.70			
20	QPSK	1	49	19.56	19.70	19.57			
20	QPSK	1	99	19.58	19.75	19.65	20.5	0	
20	QPSK	50	0	19.65	19.76	19.69			
20	QPSK	50	24	19.62	19.69	19.65			
20	QPSK	50	50	19.64	19.62	19.68			
20	QPSK	100	0	19.68	19.75	19.59	20.5	0	
20	16QAM	1	0	19.67	19.73	19.69			
20	16QAM	1	49	19.62	19.71	19.72			
20	16QAM	1	99	19.65	19.65	19.55			
20	16QAM	50	0	19.53	19.62	19.62	20.5	0	
20	16QAM	50	24	19.68	19.74	19.60			
20	16QAM	50	50	19.79	19.81	19.58			
20	16QAM	100	0	19.67	19.78	19.81			
20	64QAM	1	0	19.60	19.65	19.69	20.5	0	
20	64QAM	1	49	19.71	19.73	19.54			
20	64QAM	1	99	19.65	19.81	19.63			
20	64QAM	50	0	19.57	19.74	19.61			
20	64QAM	50	24	19.69	19.60	19.62	20.5	0	
20	64QAM	50	50	19.67	19.74	19.49			
20	64QAM	100	0	19.70	19.73	19.70			
Channel				20850	21100	21350	20.5	0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	19.73	19.75	19.66			
15	QPSK	1	37	19.48	19.61	19.45			
15	QPSK	1	74	19.44	19.74	19.57	20.5	0	
15	QPSK	36	0	19.64	19.68	19.62			
15	QPSK	36	20	19.48	19.63	19.55			
15	QPSK	36	39	19.57	19.56	19.56			
15	QPSK	75	0	19.64	19.68	19.52	20.5	0	
15	16QAM	1	0	19.63	19.66	19.62			
15	16QAM	1	37	19.57	19.62	19.50			
15	16QAM	1	74	19.50	19.62	19.45			
15	16QAM	36	0	19.39	19.53	19.50	20.5	0	
15	16QAM	36	20	19.58	19.63	19.46			
15	16QAM	36	39	19.76	19.77	19.57			
15	16QAM	75	0	19.54	19.65	19.52			
15	64QAM	1	0	19.56	19.57	19.55	20.5	0	
15	64QAM	1	37	19.63	19.69	19.51			
15	64QAM	1	74	19.54	19.70	19.55			
15	64QAM	36	0	19.49	19.67	19.55			
15	64QAM	36	20	19.68	19.47	19.53	20.5	0	
15	64QAM	36	39	19.58	19.73	19.35			
15	64QAM	75	0	19.57	19.60	19.59			
Channel				20800	21100	21400	20.5	0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	19.70	19.84	19.68			
10	QPSK	1	25	19.52	19.65	19.49			
10	QPSK	1	49	19.50	19.71	19.53	20.5	0	
10	QPSK	25	0	19.56	19.64	19.66			
10	QPSK	25	12	19.58	19.60	19.58			
10	QPSK	25	25	19.53	19.51	19.56			
10	QPSK	50	0	19.57	19.62	19.52	20.5	0	
10	16QAM	1	0	19.65	19.58	19.66			
10	16QAM	1	25	19.47	19.59	19.71			
10	16QAM	1	49	19.50	19.53	19.50			
10	16QAM	25	0	19.51	19.60	19.57	20.5	0	
10	16QAM	25	12	19.60	19.71	19.54			
10	16QAM	25	25	19.67	19.75	19.55			
10	16QAM	50	0	19.55	19.66	19.48			
10	64QAM	1	0	19.47	19.60	19.68	20.5	0	
10	64QAM	1	25	19.61	19.63	19.46			
10	64QAM	1	49	19.60	19.78	19.53			
10	64QAM	25	0	19.42	19.70	19.50			
10	64QAM	25	12	19.58	19.59	19.47	20.5	0	
10	64QAM	25	25	19.53	19.65	19.57			
10	64QAM	50	0	19.56	19.63	19.64			
Channel				20775	21100	21425	20.5	0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	19.74	19.76	19.63			
5	QPSK	1	12	19.55	19.60	19.54			
5	QPSK	1	24	19.51	19.67	19.61	20.5	0	
5	QPSK	12	0	19.55	19.63	19.65			
5	QPSK	12	7	19.49	19.58	19.63			
5	QPSK	12	13	19.51	19.47	19.56			
5	QPSK	25	0	19.66	19.66	19.48	20.5	0	
5	16QAM	1	0	19.55	19.66	19.58			
5	16QAM	1	12	19.58	19.57	19.64			
5	16QAM	1	24	19.62	19.58	19.54			
5	16QAM	12	0	19.49	19.52	19.53	20.5	0	
5	16QAM	12	7	19.57	19.70	19.55			
5	16QAM	12	13	19.69	19.70	19.51			
5	16QAM	25	0	19.59	19.67	19.59			
5	64QAM	1	0	19.53	19.58	19.56	20.5	0	
5	64QAM	1	12	19.67	19.66	19.52			
5	64QAM	1	24	19.63	19.71	19.56			
5	64QAM	12	0	19.55	19.62	19.50			
5	64QAM	12	7	19.61	19.54	19.57	20.5	0	
5	64QAM	12	13	19.56	19.70	19.46			
5	64QAM	25	0	19.66	19.59	19.62			

Band 7_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	24.5	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.53	23.67	23.55			
20	QPSK	1	49	23.49	23.65	23.50			
20	QPSK	1	99	23.41	23.53	23.51	23.5	1	
20	QPSK	50	0	22.52	22.60	22.51			
20	QPSK	50	24	22.40	22.56	22.39			
20	QPSK	50	50	22.51	22.52	22.47			
20	QPSK	100	0	22.48	22.52	22.43	23.5	1	
20	16QAM	1	0	22.65	22.90	22.70			
20	16QAM	1	49	22.69	22.66	22.70			
20	16QAM	1	99	22.76	22.69	22.80			
20	16QAM	50	0	21.51	21.47	21.46	22.5	2	
20	16QAM	50	24	21.50	21.51	21.42			
20	16QAM	50	50	21.59	21.44	21.46			
20	16QAM	100	0	21.51	21.47	21.44			
20	64QAM	1	0	21.75	21.76	21.68	22.5	2	
20	64QAM	1	49	21.79	21.61	21.71			
20	64QAM	1	99	21.70	21.52	21.65			
20	64QAM	50	0	20.53	20.51	20.43			
20	64QAM	50	24	20.48	20.51	20.45	21.5	3	
20	64QAM	50	50	20.58	20.51	20.41			
20	64QAM	100	0	20.54	20.51	20.41			
Channel				20850	21100	21350	24.5	0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	23.51	23.66	23.43			
15	QPSK	1	37	23.37	23.63	23.45			
15	QPSK	1	74	23.33	23.44	23.49	23.5	1	
15	QPSK	36	0	22.50	22.46	22.50			
15	QPSK	36	20	22.43	22.48	22.32			
15	QPSK	36	39	22.44	22.42	22.36			
15	QPSK	75	0	22.39	22.44	22.36	23.5	1	
15	16QAM	1	0	22.62	22.78	22.66			

Band 12_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130	24.5	0		
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	23.66	23.72	23.69				
10	QPSK	1	25	23.60	23.64	23.54				
10	QPSK	1	49	23.62	23.43	23.38	23.5	1		
10	QPSK	25	0	22.55	22.60	22.53				
10	QPSK	25	12	22.51	22.52	22.51				
10	QPSK	25	25	22.53	22.56	22.45				
10	QPSK	50	0	22.53	22.58	22.47	23.5	1		
10	16QAM	1	0	22.95	22.63	22.99				
10	16QAM	1	25	22.94	22.69	22.70				
10	16QAM	1	49	22.99	22.76	22.64				
10	16QAM	25	0	21.52	21.64	21.46	22.5	2		
10	16QAM	25	12	21.43	21.53	21.43				
10	16QAM	25	25	21.60	21.54	21.44				
10	16QAM	50	0	21.56	21.56	21.44				
10	64QAM	1	0	21.75	21.73	21.87	22.5	2		
10	64QAM	1	25	21.85	21.90	21.77				
10	64QAM	1	49	21.71	21.69	21.84				
10	64QAM	25	0	20.53	20.50	20.49				
10	64QAM	25	12	20.58	20.52	20.48	21.5	3		
10	64QAM	25	25	20.51	20.49	20.49				
10	64QAM	50	0	20.53	20.52	20.46				
Channel				23035	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				703.5	707.5	713.5	24.5	0		
5	QPSK	1	0	23.55	23.70	23.57				
5	QPSK	1	12	23.49	23.55	23.49				
5	QPSK	1	24	23.54	23.34	23.28				
5	QPSK	12	0	22.53	22.51	22.50	23.5	1		
5	QPSK	12	7	22.49	22.49	22.37				
5	QPSK	12	13	22.48	22.51	22.31				
5	QPSK	25	0	22.44	22.52	22.42				
5	16QAM	1	0	22.87	22.57	22.90	23.5	1		
5	16QAM	1	12	22.87	22.61	22.67				
5	16QAM	1	24	22.95	22.68	22.52				
5	16QAM	12	0	21.46	21.59	21.41				
5	16QAM	12	7	21.40	21.50	21.29	22.5	2		
5	16QAM	12	13	21.54	21.43	21.30				
5	16QAM	25	0	21.44	21.42	21.37				
5	64QAM	1	0	21.71	21.71	21.81				
5	64QAM	1	12	21.81	21.88	21.74	22.5	2		
5	64QAM	1	24	21.66	21.65	21.71				
5	64QAM	12	0	20.39	20.36	20.40				
5	64QAM	12	7	20.55	20.46	20.35				
5	64QAM	12	13	20.48	20.39	20.48	21.5	3		
5	64QAM	25	0	20.44	20.39	20.42				
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				700.5	707.5	714.5	24.5	0		
3	QPSK	1	0	23.58	23.63	23.68				
3	QPSK	1	8	23.53	23.59	23.44				
3	QPSK	1	14	23.56	23.35	23.37				
3	QPSK	8	0	22.43	22.59	22.48	23.5	1		
3	QPSK	8	4	22.46	22.42	22.45				
3	QPSK	8	7	22.49	22.55	22.43				
3	QPSK	15	0	22.48	22.49	22.40				
3	16QAM	1	0	22.91	22.57	22.96	23.5	1		
3	16QAM	1	8	22.91	22.65	22.68				
3	16QAM	1	14	22.93	22.66	22.55				
3	16QAM	8	0	21.47	21.53	21.43				
3	16QAM	8	4	21.42	21.46	21.30	22.5	2		
3	16QAM	8	7	21.55	21.43	21.41				
3	16QAM	15	0	21.49	21.50	21.39				
3	64QAM	1	0	21.64	21.67	21.81				
3	64QAM	1	8	21.81	21.83	21.74	22.5	2		
3	64QAM	1	14	21.68	21.66	21.83				
3	64QAM	8	0	20.52	20.40	20.43				
3	64QAM	8	4	20.48	20.48	20.34				
3	64QAM	8	7	20.43	20.41	20.43	21.5	3		
3	64QAM	15	0	20.40	20.49	20.35				
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				699.7	707.5	715.3	24.5	0		
1.4	QPSK	1	0	23.56	23.60	23.67				
1.4	QPSK	1	3	23.57	23.60	23.40				
1.4	QPSK	1	5	23.51	23.41	23.25				
1.4	QPSK	3	0	23.65	23.66	23.67	23.5	1		
1.4	QPSK	3	1	23.53	23.62	23.48				
1.4	QPSK	3	3	23.57	23.42	23.27				
1.4	QPSK	6	0	22.39	22.47	22.43				
1.4	16QAM	1	0	22.93	22.51	22.88	23.5	1		
1.4	16QAM	1	3	22.80	22.55	22.61				
1.4	16QAM	1	5	22.87	22.64	22.50				
1.4	16QAM	3	0	22.89	22.48	22.93				
1.4	16QAM	3	1	22.93	22.59	22.63	22.5	2		
1.4	16QAM	3	3	22.85	22.62	22.56				
1.4	16QAM	6	0	21.52	21.51	21.37				
1.4	64QAM	1	0	21.70	21.69	21.79				
1.4	64QAM	1	3	21.74	21.82	21.67	22.5	2		
1.4	64QAM	1	5	21.59	21.56	21.82				
1.4	64QAM	3	0	21.70	21.63	21.79				
1.4	64QAM	3	1	21.79	21.81	21.72				
1.4	64QAM	3	3	21.63	21.54	21.73	21.5	3		
1.4	64QAM	6	0	20.52	20.45	20.44				

Band 17_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23780	23790	23800	24.5	0		
Frequency (MHz)				709	710	711				
10	QPSK	1	0	23.35	23.40	23.38	23.5	1		
10	QPSK	1	25	23.33	23.36	23.20				
10	QPSK	1	49	23.30	23.23	23.34				
10	QPSK	25	0	22.31	22.33	22.25				
10	QPSK	25	12	22.25	22.31	22.25	23.5	1		
10	QPSK	25	25	22.29	22.21	22.25				
10	QPSK	50	0	22.23	22.25	22.21				
10	16QAM	1	0	22.45	22.25	22.50				
10	16QAM	1	25	22.58	22.41	22.60	22.5	2		
10	16QAM	1	49	22.43	22.42	22.61				
10	16QAM	25	0	21.19	21.21	21.19				
10	16QAM	25	12	21.18	21.32	21.23				
10	16QAM	25	25	21.22	21.27	21.18	22.5	2		
10	16QAM	50	0	21.20	21.29	21.19				
10	64QAM	1	0	21.46	21.32	21.38				
10	64QAM	1	25	21.40	21.52	21.54				
10	64QAM	1	49	21.52	21.34	21.56	21.5	3		
10	64QAM	25	0	20.30	20.16	20.25				
10	64QAM	25	12	20.23	20.22	20.29				
10	64QAM	25	25	20.32	20.22	20.26				
10	64QAM	50	0	20.23	20.20	20.24	Channel			
Frequency (MHz)				23785	23790	23825	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				706.5	710	713.5	24.5	0		
Frequency (MHz)				706.5	710	713.5				
5	QPSK	1	0	23.33	23.35	23.23	23.5	1		
5	QPSK	1	12	23.33	23.36	23.09				
5	QPSK	1	24	23.36	23.30	23.24				
5	QPSK	12	0	22.26	22.18	22.22				
5	QPSK	12	7	22.16	22.27	22.18	23.5	1		
5	QPSK	12	13	22.16	22.18	22.22				
5	QPSK	25	0	22.17	22.23	22.12				
5	16QAM	1	0	22.39	22.17	22.48				
5	16QAM	1	12	22.57	22.40	22.52	23.5	1		
5	16QAM	1	24	22.41	22.30	22.46				
5	16QAM	12	0	21.12	21.14	21.07				
5	16QAM	12	7	21.12	21.19	21.11				
5	16QAM	12	13	21.11	21.15	21.09	22.5	2		
5	16QAM	25	0	21.14	21.24	21.12				
5	64QAM	1	0	21.45	21.20	21.35				
5	64QAM	1	12	21.29	21.40	21.44				
5	64QAM	1	24	21.44	21.27	21.56	22.5	2		
5	64QAM	12	0	20.17	20.17	20.09				
5	64QAM	12	7	20.21	20.10	20.23				
5	64QAM	12	13	20.23	20.19	20.24				
5	64QAM	25	0	20.17	20.06	20.13	21.5	3		

Band 26(FCC)_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.82	23.92	23.85	24.5	0	
15	QPSK	1	37	23.72	23.88	23.82			
15	QPSK	1	74	23.77	23.89	23.79			
15	QPSK	36	0	22.77	22.88	22.82	23.5	1	
15	QPSK	36	20	22.71	22.83	22.78			
15	QPSK	36	39	22.74	22.82	22.75			
15	QPSK	75	0	22.71	22.84	22.80	23.5	1	
15	16QAM	1	0	22.99	23.05	23.11			
15	16QAM	1	37	22.80	23.08	22.90			
15	16QAM	1	74	23.00	23.02	23.10	22.5	2	
15	16QAM	36	0	21.65	21.78	21.86			
15	16QAM	36	20	21.76	21.83	21.94			
15	16QAM	36	39	21.76	21.86	21.83	22.5	2	
15	16QAM	75	0	21.75	21.87	21.91			
15	64QAM	1	37	22.08	21.94	22.05			
15	64QAM	1	74	22.13	22.15	22.06	21.5	3	
15	64QAM	36	0	20.77	20.77	20.90			
15	64QAM	36	20	20.74	20.82	20.87			
15	64QAM	36	39	20.82	20.84	20.90			
15	64QAM	75	0	20.73	20.84	20.88			
Channel				26740	26865	26960	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.75	23.83	23.77			
10	QPSK	1	25	23.64	23.84	23.68	24.5	0	
10	QPSK	1	49	23.63	23.83	23.69			
10	QPSK	25	0	22.68	22.76	22.75			
10	QPSK	25	12	22.68	22.78	22.65	23.5	1	
10	QPSK	25	25	22.73	22.79	22.73			
10	QPSK	50	0	22.59	22.80	22.68			
10	16QAM	1	0	22.95	23.03	23.10	23.5	1	
10	16QAM	1	25	22.70	23.03	22.76			
10	16QAM	1	49	22.96	23.01	23.05			
10	16QAM	25	0	21.52	21.67	21.75	22.5	2	
10	16QAM	25	12	21.69	21.69	21.87			
10	16QAM	25	25	21.65	21.71	21.71			
10	16QAM	50	0	21.74	21.73	21.88	22.5	2	
10	64QAM	1	0	21.89	22.04	22.00			
10	64QAM	1	25	21.98	21.92	21.97			
10	64QAM	1	49	22.00	22.05	22.05	21.5	3	
10	64QAM	25	0	20.70	20.82	20.80			
10	64QAM	25	12	20.61	20.70	20.84			
10	64QAM	25	25	20.71	20.79	20.85	21.5	3	
10	64QAM	50	0	20.65	20.77	20.74			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.70	23.90	23.77			
5	QPSK	1	12	23.70	23.86	23.81	24.5	0	
5	QPSK	1	24	23.75	23.81	23.66			
5	QPSK	12	0	22.63	22.78	22.72			
5	QPSK	12	7	22.61	22.68	22.66	23.5	1	
5	QPSK	12	13	22.71	22.68	22.71			
5	QPSK	25	0	22.61	22.82	22.78			
5	16QAM	1	0	22.96	22.95	23.05	23.5	1	
5	16QAM	1	12	22.69	22.99	22.75			
5	16QAM	1	24	22.91	22.92	23.06			
5	16QAM	12	0	21.60	21.64	21.80	22.5	2	
5	16QAM	12	7	21.67	21.68	21.89			
5	16QAM	12	13	21.71	21.85	21.79			
5	16QAM	25	0	21.66	21.76	21.89	22.5	2	
5	64QAM	1	0	21.76	22.00	22.05			
5	64QAM	1	12	22.04	21.81	21.94			
5	64QAM	1	24	22.05	22.09	22.04	21.5	3	
5	64QAM	12	0	20.67	20.72	20.85			
5	64QAM	12	7	20.73	20.79	20.78			
5	64QAM	12	13	20.74	20.78	20.80	21.5	3	
5	64QAM	25	0	20.72	20.83	20.80			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.72	23.84	23.79			
3	QPSK	1	8	23.61	23.82	23.72	24.5	0	
3	QPSK	1	14	23.70	23.88	23.73			
3	QPSK	8	0	22.75	22.85	22.71			
3	QPSK	8	4	22.63	22.76	22.75	23.5	1	
3	QPSK	8	7	22.59	22.69	22.68			
3	QPSK	15	0	22.70	22.80	22.76			
3	16QAM	1	0	22.85	23.03	23.09	23.5	1	
3	16QAM	1	8	22.67	22.96	22.85			
3	16QAM	1	14	22.88	22.88	22.97			
3	16QAM	8	0	21.50	21.63	21.79	22.5	2	
3	16QAM	8	4	21.69	21.68	21.93			
3	16QAM	8	7	21.66	21.73	21.76			
3	16QAM	15	0	21.63	21.73	21.78	22.5	2	
3	64QAM	1	0	21.82	21.98	21.99			
3	64QAM	1	8	21.98	21.84	21.95			
3	64QAM	1	14	22.00	22.08	22.00	21.5	3	
3	64QAM	8	0	20.62	20.62	20.78			
3	64QAM	8	4	20.61	20.81	20.78			
3	64QAM	8	7	20.71	20.74	20.80	21.5	3	
3	64QAM	15	0	20.72	20.73	20.84			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.73	23.80	23.77			
1.4	QPSK	1	3	23.59	23.79	23.73	24.5	0	
1.4	QPSK	1	5	23.65	23.74	23.75			
1.4	QPSK	3	0	23.72	23.77	23.77			
1.4	QPSK	3	1	23.63	23.78	23.72	23.5	1	
1.4	QPSK	3	3	23.63	23.82	23.77			
1.4	QPSK	6	0	22.64	22.70	22.76			
1.4	16QAM	1	0	22.87	23.02	23.03	23.5	1	
1.4	16QAM	1	3	22.65	22.94	22.88			
1.4	16QAM	1	5	22.99	22.89	22.97			
1.4	16QAM	3	0	22.95	22.94	23.10	22.5	2	
1.4	16QAM	3	1	22.68	23.03	22.79			
1.4	16QAM	3	3	22.94	22.93	22.97			
1.4	16QAM	6	0	21.71	21.76	21.81	22.5	2	
1.4	64QAM	1	0	21.81	21.97	22.04			
1.4	64QAM	1	3	22.00	21.87	22.00			
1.4	64QAM	1	5	22.01	22.08	22.01	22.5	2	
1.4	64QAM	3	0	21.89	22.07	21.98			
1.4	64QAM	3	1	21.94	21.87	21.93			
1.4	64QAM	3	3	22.10	22.09	21.97	21.5	3	
1.4	64QAM	6	0	20.68	20.73	20.80			

Band 26(FCC)_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.72	23.75	23.69	24.5	0	
15	QPSK	1	37	23.47	23.57	23.58			
15	QPSK	1	74	23.46	23.55	23.66			
15	QPSK	36	0	22.62	22.66	22.55	23.5	1	
15	QPSK	36	20	22.60	22.51	22.53			
15	QPSK	36	39	22.53	22.46	22.48			
15	QPSK	75	0	22.80	22.62	22.58	23.5	1	
15	16QAM	1	0	22.77	23.00	23.02			
15	16QAM	1	37	23.00	22.97	22.93			
15	16QAM	1	74	22.85	22.96	22.82	22.5	2	
15	16QAM	36	0	21.64	21.53	21.45			
15	16QAM	36	20	21.67	21.47	21.51			
15	16QAM	36	39	21.53	21.47	21.55	22.5	2	
15	16QAM	75	0	21.63	21.48	21.59			
15	16QAM	1	0	21.63	21.37	21.52			
15	64QAM	1	37	21.62	21.60	21.57	21.5	3	
15	64QAM	1	74	21.59	21.56	21.60			
15	64QAM	36	0	20.60	20.52	20.54			
15	64QAM	36	20	20.60	20.49	20.57	21.5	3	
15	64QAM	36	39	20.51	20.55	20.58			
15	64QAM	75	0	20.55	20.48	20.57			
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.69	23.67	23.63	24.5	0	
10	QPSK	1	25	23.40	23.54	23.55			
10	QPSK	1	49	23.33	23.44	23.65			
10	QPSK	25	0	22.56	22.54	22.46	23.5	1	
10	QPSK	25	12	22.57	22.44	22.51			
10	QPSK	25	25	22.42	22.37	22.36			
10	QPSK	50	0	22.56	22.55	22.44	23.5	1	
10	16QAM	1	0	22.71	22.88	22.82			
10	16QAM	1	25	22.92	22.82	22.78			
10	16QAM	1	49	22.77	22.92	22.81	22.5	2	
10	16QAM	25	0	21.49	21.52	21.38			
10	16QAM	25	12	21.56	21.38	21.44			
10	16QAM	25	25	21.52	21.45	21.44	21.5	3	
10	16QAM	50	0	21.42	21.47	21.49			
10	64QAM	1	0	21.51	21.33	21.41			
10	64QAM	1	25	21.52	21.46	21.42	22.5	2	
10	64QAM	1	49	21.56	21.51	21.45			
10	64QAM	25	0	20.42	20.46	20.46			
10	64QAM	25	12	20.49	20.35	20.43	21.5	3	
10	64QAM	25	25	20.42	20.50	20.46			
10	64QAM	50	0	20.42	20.44	20.43			
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.71	23.71	23.63	24.5	0	
5	QPSK	1	12	23.36	23.52	23.57			
5	QPSK	1	24	23.32	23.46	23.64			
5	QPSK	12	0	22.58	22.64	22.62	23.5	1	
5	QPSK	12	7	22.45	22.41	22.50			
5	QPSK	12	13	22.42	22.31	22.40			
5	QPSK	25	0	22.51	22.49	22.55	23.5	1	
5	16QAM	1	0	22.62	22.97	22.90			
5	16QAM	1	12	22.96	22.82	22.87			
5	16QAM	1	24	22.79	22.95	22.76	22.5	2	
5	16QAM	12	0	21.55	21.39	21.43			
5	16QAM	12	7	21.55	21.40	21.48			
5	16QAM	12	13	21.43	21.45	21.51	22.5	2	
5	16QAM	25	0	21.43	21.24	21.45			
5	64QAM	1	0	21.49	21.25	21.43			
5	64QAM	1	12	21.49	21.52	21.43	21.5	3	
5	64QAM	1	24	21.45	21.44	21.49			
5	64QAM	12	0	20.59	20.38	20.39			
5	64QAM	12	7	20.59	20.34	20.43	21.5	3	
5	64QAM	12	13	20.39	20.46	20.48			
5	64QAM	25	0	20.50	20.46	20.55			
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.61	23.63	23.55	24.5	0	
3	QPSK	1	8	23.32	23.48	23.46			
3	QPSK	1	14	23.34	23.53	23.58			
3	QPSK	8	0	22.56	22.51	22.54	23.5	1	
3	QPSK	8	4	22.48	22.41	22.39			
3	QPSK	15	0	22.49	22.56	22.49			
3	16QAM	1	0	22.68	22.92	22.91	23.5	1	
3	16QAM	1	8	22.59	22.87	22.84			
3	16QAM	1	14	22.84	22.92	22.74			
3	16QAM	8	0	21.53	21.40	21.42	22.5	2	
3	16QAM	8	4	21.55	21.45	21.38			
3	16QAM	8	7	21.41	21.41	21.42			
3	16QAM	15	0	21.44	21.37	21.45	22.5	2	
3	64QAM	1	0	21.48	21.31	21.51			
3	64QAM	1	8	21.56	21.56	21.44			
3	64QAM	1	14	21.46	21.53	21.49	21.5	3	
3	64QAM	8	0	20.48	20.49	20.47			
3	64QAM	8	4	20.46	20.47	20.49			
3	64QAM	8	7	20.42	20.33	20.55	21.5	3	
3	64QAM	15	0	20.44	20.37	20.52			
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.71	23.60	23.57	24.5	0	
1.4	QPSK	1	3	23.46	23.45	23.48			
1.4	QPSK	1	5	23.39	23.57	23.54			
1.4	QPSK	3	0	23.58	23.66	23.59	23.5	1	
1.4	QPSK	3	1	23.46	23.56	23.46			
1.4	QPSK	3	3	23.43	23.50	23.53			
1.4	QPSK	6	0	22.55	22.53	22.55	23.5	1	
1.4	16QAM	1	0	22.65	22.98	22.95			
1.4	16QAM	1	3	22.96	22.94	22.80			
1.4	16QAM	1	5	22.75	22.94	22.81	23.5	1	
1.4	16QAM	3	1	22.90	22.87	22.90			
1.4	16QAM	3	3	22.84	22.89	22.74			
1.4	16QAM	6	0	21.55	21.56	21.46	22.5	2	
1.4	64QAM	1	0	21.53	21.29	21.42			
1.4	64QAM	1	3	21.57	21.59	21.55			
1.4	64QAM	3	0	21.57	21.32	21.39	22.5	2	
1.4	64QAM	3	1	21.53	21.54	21.52			
1.4	64QAM	3	3	21.51	21.41	21.55			
1.4	64QAM	6	0	20.48	20.43	20.49	21.5	3	

Band 66_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	23.47	23.48	23.45	24.5	0	
20	QPSK	1	49	23.38	23.39	23.40			
20	QPSK	1	99	23.11	23.29	23.21			
20	QPSK	50	0	22.45	22.46	22.38	23.5	1	
20	QPSK	50	24	22.44	22.39	22.34			
20	QPSK	50	50	22.37	22.31	22.35			
20	QPSK	100	0	22.35	22.43	22.33	23.5	1	
20	16QAM	1	0	22.58	22.46	22.66			
20	16QAM	1	49	22.65	22.30	22.60			
20	16QAM	1	99	22.40	22.46	22.57	22.5	2	
20	16QAM	50	0	21.41	21.42	21.41			
20	16QAM	50	24	21.47	21.42	21.30			
20	16QAM	50	50	21.32	21.32	21.30	22.5	2	
20	16QAM	100	0	21.38	21.33	21.31			
20	64QAM	1	0	21.51	21.58	21.53			
20	64QAM	1	49	21.71	21.70	21.60	22.5	2	
20	64QAM	1	99	21.50	21.49	21.55			
20	64QAM	50	0	20.49	20.42	20.39			
20	64QAM	50	24	20.40	20.39	20.37	21.5	3	
20	64QAM	50	50	20.35	20.37	20.38			
20	64QAM	100	0	20.37	20.36	20.40			
Channel				132047	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	23.38	23.36	23.42	24.5	0	
15	QPSK	1	37	23.34	23.33	23.30			
15	QPSK	1	74	23.04	23.18	23.16			
15	QPSK	36	0	22.33	22.32	22.32	23.5	1	
15	QPSK	36	20	22.34	22.34	22.36			
15	QPSK	36	39	22.34	22.29	22.20			
15	QPSK	75	0	22.31	22.40	22.29	23.5	1	
15	16QAM	1	0	22.47	22.33	22.56			
15	16QAM	1	37	22.55	22.15	22.58			
15	16QAM	1	74	22.35	22.45	22.53	22.5	2	
15	16QAM	36	0	21.29	21.35	21.26			
15	16QAM	36	20	21.30	21.29	21.29			
15	16QAM	36	39	21.30	21.29	21.29	22.5	2	
15	16QAM	75	0	21.33	21.20	21.29			
15	64QAM	1	0	21.37	21.48	21.40			
15	64QAM	1	37	21.63	21.55	21.46	22.5	2	
15	64QAM	1	74	21.41	21.44	21.52			
15	64QAM	36	0	20.34	20.33	20.36			
15	64QAM	36	20	20.33	20.25	20.22	21.5	3	
15	64QAM	36	39	20.23	20.30	20.27			
15	64QAM	75	0	20.32	20.25	20.29			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	23.26	23.29	23.31	24.5	0	
10	QPSK	1	25	23.21	23.26	23.23			
10	QPSK	1	49	23.07	23.14	23.17			
10	QPSK	25	0	22.44	22.33	22.27	23.5	1	
10	QPSK	25	12	22.30	22.38	22.28			
10	QPSK	25	25	22.24	22.26	22.34			
10	QPSK	50	0	22.32	22.36	22.18	23.5	1	
10	16QAM	1	0	22.48	22.43	22.55			
10	16QAM	1	25	22.54	22.15	22.54			
10	16QAM	1	49	22.37	22.45	22.45	23.5	1	
10	16QAM	25	0	21.34	21.40	21.30			
10	16QAM	25	12	21.39	21.41	21.24			
10	16QAM	25	25	21.28	21.26	21.29	22.5	2	
10	16QAM	50	0	21.27	21.29	21.20			
10	64QAM	1	0	21.46	21.55	21.44			
10	64QAM	1	25	21.62	21.61	21.54	22.5	2	
10	64QAM	1	49	21.39	21.40	21.48			
10	64QAM	25	0	20.44	20.35	20.31			
10	64QAM	25	12	20.39	20.24	20.36	21.5	3	
10	64QAM	25	25	20.25	20.28	20.23			
10	64QAM	50	0	20.34	20.27	20.20			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	23.33	23.33	23.43	24.5	0	
5	QPSK	1	12	23.24	23.29	23.36			
5	QPSK	1	24	23.05	23.19	23.17			
5	QPSK	12	0	22.34	22.34	22.24	23.5	1	
5	QPSK	12	7	22.41	22.24	22.25			
5	QPSK	12	13	22.32	22.25	22.26			
5	QPSK	25	0	22.24	22.39	22.19	23.5	1	
5	16QAM	1	0	22.51	22.39	22.56			
5	16QAM	1	12	22.59	22.26	22.46			
5	16QAM	1	24	22.27	22.25	22.25	22.5	2	
5	16QAM	12	0	21.29	21.27	21.31			
5	16QAM	12	7	21.45	21.39	21.26			
5	16QAM	12	13	21.21	21.30	21.27	22.5	2	
5	16QAM	25	0	21.25	21.23	21.25			
5	64QAM	1	0	21.46	21.48	21.49			
5	64QAM	1	12	21.61	21.66	21.53	22.5	2	
5	64QAM	1	24	21.38	21.37	21.40			
5	64QAM	12	0	20.46	20.29	20.27			
5	64QAM	12	7	20.29	20.34	20.24	21.5	3	
5	64QAM	12	13	20.21	20.22	20.25			
5	64QAM	25	0	20.33	20.35	20.32			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	23.42	23.37	23.39	24.5	0	
3	QPSK	1	8	23.24	23.34	23.33			
3	QPSK	1	14	23.10	23.16	23.07			
3	QPSK	8	0	22.36	22.33	22.28	23.5	1	
3	QPSK	8	4	22.31	22.25	22.24			
3	QPSK	8	7	22.31	22.21	22.25			
3	QPSK	15	0	22.29	22.30	22.23	23.5	1	
3	16QAM	1	0	22.49	22.35	22.52			
3	16QAM	1	8	22.63	22.25	22.55			
3	16QAM	1	14	22.25	22.42	22.42	22.5	2	
3	16QAM	8	0	21.26	21.38	21.31			
3	16QAM	8	4	21.35	21.28	21.14			
3	16QAM	8	7	21.22	21.31	21.17	22.5	2	
3	16QAM	15	0	21.34	21.29	21.23			
3	64QAM	1	0	21.40	21.49	21.44			
3	64QAM	1	8	21.58	21.58	21.53	22.5	2	
3	64QAM	1	14	21.36	21.35	21.51			
3	64QAM	8	0	20.48	20.41	20.29			
3	64QAM	8	4	20.29	20.36	20.30	21.5	3	
3	64QAM	8	7	20.34	20.30	20.23			
3	64QAM	15	0	20.26	20.25	20.30			
Channel				131979	132322	132685	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	23.41	23.38	23.39	24.5	0	
1.4	QPSK	1	3	23.30	23.33	23.36			
1.4	QPSK	1	5	23.08	23.28	23.14			
1.4	QPSK	3	0	23.41	23.45	23.36	23.5	1	
1.4	QPSK	3	1	23.32	23.24	23.35			
1.4	QPSK	3	3	22.97	23.26	23.15			
1.4	QPSK	6	0	22.29	22.29	22.20	23.5	1	
1.4	16QAM	1	0	22.53	22.42	22.55	23.5	1	
1.4	16QAM	1	5	22.31	22.35	22.55			
1.4	16QAM	3	0	22.45	22.40	22.49			
1.4	16QAM	3	1	22.55	22.26	22.58	22.5	2	
1.4	16QAM	3	3	22.35	22.39	22.42			
1.4	16QAM	6	0	21.24	21.29	21.23			
1.4	64QAM	1	0	21.43	21.45	21.41	22.5	2	
1.4	64QAM	1	3	21.68	21.69	21.54			
1.4	64QAM	1	5	21.38	21.47	21.42			
1.4	64QAM	3	0	21.47	21.57	21.52	22.5	2	
1.4	64QAM	3	1	21.64	21.58	21.49			
1.4	64QAM	3	3	21.38	21.47	21.49			
1.4	64QAM	6	0	20.29	20.27	20.34	21.5	3	

LTE Band 71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.62	23.69	23.55	24.5	0	
20	QPSK	1	49	23.49	23.50	23.53			
20	QPSK	1	99	23.58	23.59	23.47			
20	QPSK	50	0	22.69	22.71	22.57	23.5	1	
20	QPSK	50	24	22.64	22.63	22.53			
20	QPSK	50	50	22.61	22.64	22.55			
20	QPSK	100	0	22.61	22.69	22.53	23.5	1	
20	16QAM	1	0	22.85	22.92	22.84			
20	16QAM	1	49	22.82	22.88	22.74			
20	16QAM	1	99	22.77	22.79	22.69	22.5	2	
20	16QAM	50	0	21.75	21.62	21.52			
20	16QAM	50	24	21.63	21.59	21.59			
20	16QAM	50	50	21.65	21.62	21.54	22.5	2	
20	16QAM	100	0	21.65	21.57	21.52			
20	64QAM	1	0	21.69	21.73	21.73			
20	64QAM	1	49	21.87	21.71	21.66	22.5	2	
20	64QAM	1	99	21.63	21.72	21.62			
20	64QAM	50	0	20.68	20.62	20.51			
20	64QAM	50	24	20.66	20.64	20.61	21.5	3	
20	64QAM	50	50	20.69	20.64	20.58			
20	64QAM	100	0	20.64	20.64	20.55			
Channel				133197	133297	133397	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.51	23.45	23.48	24.5	0	
15	QPSK	1	37	23.36	23.33	23.48			
15	QPSK	1	74	23.50	23.51	23.25			
15	QPSK	36	0	22.50	22.54	22.52	23.5	1	
15	QPSK	36	20	22.48	22.45	22.30			
15	QPSK	36	39	22.44	22.54	22.41			
15	QPSK	75	0	22.43	22.60	22.42	23.5	1	
15	16QAM	1	0	22.64	22.79	22.79			
15	16QAM	1	37	22.76	22.69	22.56			
15	16QAM	1	74	22.53	22.56	22.46	22.5	2	
15	16QAM	36	0	21.57	21.49	21.35			
15	16QAM	36	20	21.45	21.54	21.47			
15	16QAM	36	39	21.51	21.56	21.41	22.5	2	
15	16QAM	75	0	21.46	21.42	21.36			
15	64QAM	1	0	21.53	21.62	21.61			
15	64QAM	1	37	21.82	21.55	21.53	22.5	2	
15	64QAM	1	74	21.54	21.63	21.51			
15	64QAM	36	0	20.44	20.37	20.44			
15	64QAM	36	20	20.50	20.54	20.50	21.5	3	
15	64QAM	36	39	20.53	20.43	20.39			
15	64QAM	75	0	20.52	20.41	20.35			
Channel				133172	133297	133422	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	0	23.56	23.47	23.48	24.5	0	
10	QPSK	1	25	23.27	23.32	23.42			
10	QPSK	1	49	23.34	23.51	23.27			
10	QPSK	25	0	22.51	22.63	22.40	23.5	1	
10	QPSK	25	12	22.46	22.41	22.46			
10	QPSK	25	25	22.36	22.55	22.35			
10	QPSK	50	0	22.41	22.47	22.44	23.5	1	
10	16QAM	1	0	22.79	22.69	22.77			
10	16QAM	1	25	22.73	22.70	22.57			
10	16QAM	1	49	22.53	22.64	22.48	22.5	2	
10	16QAM	25	0	21.52	21.53	21.36			
10	16QAM	25	12	21.43	21.36	21.39			
10	16QAM	25	25	21.53	21.54	21.40	22.5	2	
10	16QAM	50	0	21.59	21.49	21.32			
10	64QAM	1	0	21.55	21.58	21.62			
10	64QAM	1	25	21.79	21.64	21.50	22.5	2	
10	64QAM	1	49	21.49	21.51	21.55			
10	64QAM	25	0	20.54	20.39	20.35			
10	64QAM	25	12	20.41	20.42	20.50	21.5	3	
10	64QAM	25	25	20.50	20.50	20.44			
10	64QAM	50	0	20.54	20.46	20.45			
Channel				133147	133297	133447	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	23.53	23.56	23.34	24.5	0	
5	QPSK	1	12	23.43	23.45	23.48			
5	QPSK	1	24	23.43	23.43	23.42			
5	QPSK	12	0	22.63	22.51	22.36	23.5	1	
5	QPSK	12	7	22.44	22.47	22.44			
5	QPSK	12	13	22.41	22.53	22.37			
5	QPSK	25	0	22.47	22.62	22.29	23.5	1	
5	16QAM	1	0	22.76	22.76	22.60			
5	16QAM	1	12	22.66	22.76	22.62			
5	16QAM	1	24	22.71	22.54	22.47	22.5	2	
5	16QAM	12	0	21.50	21.46	21.45			
5	16QAM	12	7	21.46	21.53	21.47			
5	16QAM	12	13	21.60	21.50	21.43	22.5	2	
5	16QAM	25	0	21.49	21.48	21.39			
5	64QAM	1	0	21.60	21.59	21.50			
5	64QAM	1	12	21.74	21.46	21.52	22.5	2	
5	64QAM	1	24	21.51	21.56	21.46			
5	64QAM	12	0	20.63	20.47	20.36			
5	64QAM	12	7	20.56	20.50	20.37	21.5	3	
5	64QAM	12	13	20.44	20.59	20.35			
5	64QAM	25	0	20.57	20.58	20.47			

Band 38_Ant 1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				37850	38000	38150					
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	23.24	23.35	23.30	24.5	0			
20	QPSK	1	49	23.15	23.22	23.26					
20	QPSK	1	99	23.20	23.34	23.24					
20	QPSK	36	0	22.24	22.30	22.28					
20	QPSK	50	24	22.17	22.19	22.19	23.5	1			
20	QPSK	50	50	22.19	22.25	22.22					
20	QPSK	100	0	22.14	22.27	22.22					
20	16QAM	1	0	22.02	22.09	22.14					
20	16QAM	1	49	22.21	22.26	22.23	23.5	1			
20	16QAM	1	99	22.23	22.37	22.41					
20	16QAM	50	0	21.18	21.18	21.22					
20	16QAM	50	24	21.11	21.21	21.32					
20	16QAM	50	50	21.15	21.24	21.37	22.5	2			
20	16QAM	100	0	21.10	21.18	21.29					
20	64QAM	1	0	20.74	20.84	20.90					
20	64QAM	1	49	20.95	21.05	21.06		22.5	2		
20	64QAM	1	99	21.01	20.99	21.12					
20	64QAM	50	0	20.17	20.26	20.21					
20	64QAM	50	24	20.15	20.22	20.31	21.5	3			
20	64QAM	50	50	20.23	20.26	20.40					
20	64QAM	100	0	20.18	20.21	20.29					
Channel				37875	38000	38175	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2577.5	2595	2612.5					
15	QPSK	1	0	23.21	23.31	23.22	24.5	0			
15	QPSK	1	37	23.05	23.10	23.23					
15	QPSK	1	74	23.11	23.27	23.23					
15	QPSK	36	0	22.19	22.15	22.20					
15	QPSK	36	39	22.17	22.18	22.15	23.5	1			
15	QPSK	75	0	22.12	22.21	22.15					
15	16QAM	1	0	21.91	21.97	22.07					
15	16QAM	1	37	22.11	22.21	22.06					
15	16QAM	1	74	22.11	22.36	22.36	23.5	1			
15	16QAM	36	0	21.07	21.07	21.09					
15	16QAM	36	20	21.04	21.13	21.28					
15	16QAM	36	39	21.03	21.17	21.29		22.5	2		
15	16QAM	75	0	21.01	21.16	21.23					
15	64QAM	1	0	20.68	20.72	20.83					
15	64QAM	1	37	20.88	20.93	20.99	22.5	2			
15	64QAM	1	74	20.95	20.93	21.10					
15	64QAM	36	0	20.07	20.16	20.13					
15	64QAM	36	20	20.01	20.15	20.21	21.5	3			
15	64QAM	36	39	20.16	20.12	20.33					
15	64QAM	75	0	20.13	20.18	20.26					
Channel				37750	38000	38200				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2615					
10	QPSK	1	0	23.17	23.29	23.28	24.5			0	
10	QPSK	1	25	23.08	23.10	23.16					
10	QPSK	1	49	23.07	23.25	23.11					
10	QPSK	25	0	22.09	22.20	22.21		23.5	1		
10	QPSK	25	12	22.14	22.08	22.19					
10	QPSK	25	25	22.11	22.11	22.10					
10	QPSK	50	0	22.01	22.21	22.08	23.5	1			
10	16QAM	1	0	21.89	22.00	22.01					
10	16QAM	1	25	22.09	22.10	22.18		23.5	1		
10	16QAM	1	49	22.16	22.26	22.28					
10	16QAM	25	0	21.07	21.16	21.08					
10	16QAM	25	12	21.06	21.20	21.31	22.5	2			
10	16QAM	25	25	21.02	21.23	21.34					
10	16QAM	50	0	21.03	21.03	21.18					
10	64QAM	1	0	20.67	20.71	20.82	22.5	2			
10	64QAM	1	25	20.81	20.92	20.99					
10	64QAM	1	49	21.00	20.91	21.02					
10	64QAM	25	0	20.10	20.14	20.19		21.5	3		
10	64QAM	25	12	20.02	20.12	20.25					
10	64QAM	25	25	20.16	20.20	20.36					
10	64QAM	50	0	20.07	20.10	20.27					
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2572.5	2595	2617.5					
5	QPSK	1	0	23.09	23.24	23.24	24.5	0			
5	QPSK	1	12	23.06	23.14	23.17					
5	QPSK	1	24	23.12	23.24	23.16					
5	QPSK	12	0	22.10	22.22	22.13		23.5	1		
5	QPSK	12	7	22.15	22.11	22.14					
5	QPSK	12	13	22.09	22.11	22.20					
5	QPSK	25	0	22.03	22.23	22.07	23.5	1			
5	16QAM	1	0	21.99	21.95	22.06					
5	16QAM	1	12	22.12	22.22	22.20					
5	16QAM	1	24	22.09	22.27	22.40		23.5	1		
5	16QAM	12	0	21.03	21.06	21.16					
5	16QAM	12	7	21.03	21.10	21.22					
5	16QAM	12	13	21.08	21.13	21.22	22.5	2			
5	16QAM	25	0	21.00	21.04	21.23					
5	64QAM	1	0	20.72	20.81	20.84		22.5	2		
5	64QAM	1	12	20.91	20.96	21.03					
5	64QAM	1	24	20.96	20.87	20.98					
5	64QAM	12	0	20.12	20.12	20.20		21.5	3		
5	64QAM	12	7	20.07	20.07	20.16					
5	64QAM	12	13	20.12	20.19	20.29					
5	64QAM	25	0	20.04	20.19	20.23					

Band 38_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	21.09	21.70	21.52	22.5	0		
20	QPSK	1	49	21.58	21.68	21.58				
20	QPSK	1	99	21.55	21.63	21.53				
20	QPSK	50	0	21.52	21.67	21.58				
20	QPSK	50	24	21.46	21.63	21.53	22.5	0		
20	QPSK	50	50	21.44	21.54	21.44				
20	QPSK	100	0	21.50	21.62	21.54				
20	16QAM	1	0	21.52	21.65	21.46	22.5	0		
20	16QAM	1	49	21.51	21.61	21.40				
20	16QAM	1	99	21.60	21.57	21.51				
20	16QAM	50	0	21.55	21.63	21.48		22.5	0	
20	16QAM	50	24	21.46	21.62	21.39				
20	16QAM	50	50	21.63	21.61	21.57				
20	16QAM	100	0	21.57	21.61	21.45				
20	64QAM	1	0	21.84	21.84	21.55	22.5	0		
20	64QAM	1	49	21.48	21.55	21.56				
20	64QAM	1	99	21.51	21.57	21.42				
20	64QAM	50	0	20.56	20.61	20.60		21.5	1	
20	64QAM	50	24	20.59	20.61	20.57				
20	64QAM	50	50	20.63	20.65	20.55				
20	64QAM	100	0	20.60	20.61	20.57				
Channel				37850	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	21.59	21.60	21.47	22.5	0		
15	QPSK	1	37	21.48	21.55	21.48				
15	QPSK	1	74	21.54	21.53	21.45				
15	QPSK	36	0	21.41	21.58	21.45		22.5	0	
15	QPSK	36	39	21.33	21.54	21.37				
15	QPSK	36	39	21.40	21.53	21.42				
15	QPSK	75	0	21.35	21.58	21.41	22.5	0		
15	16QAM	1	0	21.46	21.62	21.46				
15	16QAM	1	49	21.41	21.61	21.31				
15	16QAM	1	74	21.48	21.42	21.30		22.5	0	
15	16QAM	36	0	21.46	21.48	21.46				
15	16QAM	36	20	21.43	21.61	21.31				
15	16QAM	36	39	21.52	21.49	21.49				
15	16QAM	75	0	21.50	21.54	21.37	22.5	0		
15	64QAM	1	0	21.58	21.61	21.50				
15	64QAM	1	37	21.38	21.47	21.42				
15	64QAM	36	0	21.39	21.59	21.50		21.5	1	
15	64QAM	36	39	20.45	20.51	20.38				
15	64QAM	36	20	20.57	20.60	20.44				
15	64QAM	36	39	20.58	20.64	20.41				
15	64QAM	75	0	20.55	20.56	20.36				
Channel				37850	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
10	QPSK	1	0	21.55	21.63	21.61	22.5	0		
10	QPSK	1	25	21.43	21.54	21.56				
10	QPSK	1	49	21.47	21.56	21.47				
10	QPSK	1	49	21.40	21.53	21.47		22.5	0	
10	QPSK	25	25	21.36	21.45	21.40				
10	QPSK	50	0	21.41	21.56	21.45				
10	16QAM	1	0	21.46	21.59	21.42	22.5	0		
10	16QAM	1	25	21.36	21.57	21.50				
10	16QAM	1	49	21.47	21.50	21.47				
10	16QAM	25	0	21.53	21.49	21.43		22.5	0	
10	16QAM	25	12	21.45	21.60	21.42				
10	16QAM	25	12	21.41	21.54	21.48				
10	16QAM	50	0	21.51	21.58	21.44				
10	64QAM	1	0	21.56	21.53	21.54	22.5	0		
10	64QAM	1	25	21.41	21.51	21.54				
10	64QAM	1	49	21.41	21.51	21.54				
10	64QAM	25	0	20.44	20.56	20.47		21.5	1	
10	64QAM	25	12	20.57	20.54	20.48				
10	64QAM	25	25	20.54	20.58	20.52				
10	64QAM	50	0	20.54	20.58	20.54				
Channel				3777.5	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	21.64	21.69	21.52	22.5	0		
5	QPSK	1	12	21.54	21.57	21.50				
5	QPSK	1	24	21.48	21.56	21.45				
5	QPSK	12	0	21.38	21.63	21.49		22.5	0	
5	QPSK	12	7	21.41	21.54	21.43				
5	QPSK	12	13	21.35	21.44	21.39				
5	QPSK	25	0	21.39	21.60	21.50	22.5	0		
5	16QAM	1	0	21.46	21.59	21.42				
5	16QAM	1	12	21.44	21.59	21.39				
5	16QAM	1	24	21.45	21.47	21.45		22.5	0	
5	16QAM	12	0	21.48	21.62	21.46				
5	16QAM	12	7	21.34	21.55	21.35				
5	16QAM	12	13	21.48	21.57	21.43				
5	64QAM	1	0	21.50	21.59	21.36	22.5	0		
5	64QAM	1	12	21.42	21.47	21.49				
5	64QAM	1	24	21.50	21.47	21.27				
5	64QAM	12	0	20.50	20.58	20.51		21.5	1	
5	64QAM	12	7	20.61	20.55	20.42				
5	64QAM	12	13	20.51	20.56	20.57				
5	64QAM	25	0	20.45	20.58	20.51				

Band 41_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Time-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2638.5	2680		
20	QPSK	1	0	23.18	22.93	23.15	23.20	23.48	24.5	0
20	QPSK	1	49	23.04	22.96	23.53	23.20	23.43		
20	QPSK	1	99	22.93	22.92	23.51	23.06	23.47		
20	QPSK	50	0	22.12	22.10	22.48	22.22	22.43		
20	QPSK	50	24	21.97	21.88	22.42	22.13	22.35	23.5	1
20	QPSK	50	50	21.94	21.87	22.45	22.15	22.41		
20	QPSK	100	0	22.08	22.00	22.41	22.12	22.20		
20	16QAM	1	0	22.11	22.00	22.43	22.09	22.22		
20	16QAM	1	49	22.08	22.05	22.46	22.18	22.32	23.5	1
20	16QAM	1	99	21.91	21.88	22.38	22.21	22.35		
20	16QAM	50	0	21.01	20.90	21.40	21.04	21.35		
20	16QAM	50	24	21.00	20.92	21.43	21.10	21.38		
20	16QAM	50	50	21.00	20.95	21.38	21.21	21.42	22.5	2
20	16QAM	100	0	21.00	20.89	21.49	21.13	21.26		
20	64QAM	1	0	20.82	20.58	21.10	20.78	21.01		
20	64QAM	1	49	20.83	20.74	21.12	20.94	21.12		
20	64QAM	1	99	20.83	20.69	21.08	20.95	21.19	21.5	3
20	64QAM	50	0	19.98	19.88	20.43	20.14	20.32		
20	64QAM	50	24	19.99	19.90	20.44	20.16	20.32		
20	64QAM	50	50	19.99	19.94	20.45	20.19	20.35		
20	64QAM	100	0	19.98	19.93	20.44	20.19	20.35		
Channel				39725	40173	40620	41055	41515	Time-up limit (dBm)	
Frequency (MHz)				2621.5	2664.5	2693	2673.8	2682.5		
15	QPSK	1	0	23.12	22.87	23.11	23.40	23.53	24.5	0
15	QPSK	1	37	22.90	22.94	23.12	23.37	23.50		
15	QPSK	1	74	22.86	22.86	23.01	23.45	23.38		
15	QPSK	36	0	22.06	21.97	22.11	22.28	22.40		
15	QPSK	36	20	21.90	21.85	22.08	22.30	22.40	23.5	1
15	QPSK	36	39	21.90	21.80	22.11	22.31	22.31		
15	QPSK	75	0	21.99	21.85	22.05	22.21	22.38		
15	16QAM	1	0	22.01	21.97	22.06	22.16	22.38		
15	16QAM	1	37	22.00	22.04	22.09	22.26	22.35	23.5	1
15	16QAM	1	74	21.96	21.86	22.14	22.30	22.28		
15	16QAM	36	0	21.00	20.76	20.95	21.30	21.26		
15	16QAM	36	20	20.88	20.78	21.09	21.35	21.31		
15	16QAM	36	39	20.88	20.88	21.17	21.38	21.32	22.5	2
15	16QAM	75	0	20.93	20.83	21.09	21.22	21.38		
15	64QAM	1	0	20.77	20.54	20.77	20.98	21.06		
15	64QAM	1	37	20.76	20.72	20.87	20.99	21.08		
15	64QAM	1	74	20.55	20.68	20.88	21.05	20.94	21.5	3
15	64QAM	36	0	19.83	19.79	20.06	20.26	20.35		
15	64QAM	36	20	19.92	19.81	20.14	20.25	20.41		
15	64QAM	36	39	19.88	19.81	20.09	20.28	20.31		
15	64QAM	75	0	19.83	19.88	20.15	20.22	20.41		
Channel				39700	40160	40620	41080	41540	Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				2201	2247	2293	2339	2385		
10	QPSK	1	0	23.07	22.80	23.22	23.38	23.42	24.5	0
10	QPSK	1	25	22.97	22.82	23.16	23.38	23.41		
10	QPSK	1	49	22.89	22.88	22.94	23.34	23.43		
10	QPSK	25	0	22.10	22.01	22.17	22.41	22.42		
10	QPSK	25	12	21.94	21.87	22.01	22.29	22.39	23.5	1
10	QPSK	25	25	21.84	21.81	22.10	22.32	22.31		
10	QPSK	50	0	22.05	21.93	22.11	22.15	22.39		
10	16QAM	1	0	22.06	21.89	22.08	22.13	22.32		
10	16QAM	1	25	21.91	21.94	22.11	22.23	22.35	23.5	1
10	16QAM	1	49	21.89	21.94	22.09	22.24	22.34		
10	16QAM	25	0	20.98	20.89	20.96	21.30	21.39		
10	16QAM	25	12	20.91	20.91	21.03	21.30	21.28		
10	16QAM	25	25	20.86	20.91	21.17	21.33	21.34	22.5	2
10	16QAM	50	0	20.88	20.86	20.98	21.18	21.39		
10	64QAM	1	0	20.76	20.65	20.73	20.86	21.02		
10	64QAM	1	25	20.69	20.62	20.80	21.11	21.03		
10	64QAM	1	49	20.50	20.59	20.94	21.13	21.09	21.5	3
10	64QAM	25	0	19.92	19.80	20.08	20.29	20.32		
10	64QAM	25	12	19.93	19.93	20.07	20.21	20.36		
10	64QAM	25	25	19.98	19.93	20.12	20.26	20.40		
10	64QAM	50	0	19.84	19.79	20.18	20.25	20.38		
Channel				39675	40148	40620	41093	41555	Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	23.11	22.85	23.11	23.47	23.43	24.5	0
5	QPSK	1	12	23.03	22.94	23.10	23.26	23.43		
5	QPSK	1	24	22.93	22.77	23.03	23.43	23.42		
5	QPSK	12	0	22.01	21.86	22.21	22.35	22.38		
5	QPSK	12	7	21.86	21.86	22.12	22.28	22.30	23.5	1
5	QPSK	12	13	21.89	21.86	22.13	22.31	22.30		
5	QPSK	25	0	22.01	21.89	21.97	22.23	22.30		
5	16QAM	1	0	21.99	21.92	21.98	22.27	22.42		
5	16QAM	1	12	21.91	21.90	22.09	22.25	22.35	23.5	1
5	16QAM	1	24	21.90	21.97	22.12	22.27	22.28		
5	16QAM	12	0	20.91	20.81	20.93	21.29	21.39		
5	16QAM	12	7	20.85	20.91	21.09	21.32	21.29		
5	16QAM	12	13	20.86	20.88	21.09	21.39	21.28	22.5	2
5	16QAM	25	0	20.95	20.83	21.11	21.15	21.47		
5	64QAM	1	0	20.70	22.00	20.76	20.80	20.97		
5	64QAM	1	12	20.82	20.58	20.84	21.11	21.11		
5	64QAM	1	24	20.53	20.55	20.85	21.15	20.98	21.5	3
5	64QAM	12	0	19.93	19.77	20.02	20.24	20.29		
5	64QAM	12	7	19.90	19.82	20.05	20.26	20.34	21.5	3
5	64QAM	12	13	19.92	19.92	20.06	20.27	20.36		
5	64QAM	25	0	19.93	19.86	20.19	20.22	20.38		
5	64QAM	25	12	19.93	19.86	20.19	20.22	20.38		

Part 96_Band 48_Ant 1											Part 96_Band 48_Ant 3											Part 96_Band 48_Ant 5													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)		BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)		BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)				
Channel										Channel										Channel															
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)															
20	QPSK	1	0	22.51	22.48	22.43	22.50			23	0	20	QPSK	1	0	22.58	22.40	22.52	22.45			23	0	20	QPSK	1	0	19.98	19.92	19.83	19.95				
20	QPSK	1	49	22.49	22.37	22.41	22.41			20	QPSK	1	49	22.49	22.39	22.50	22.32			20	QPSK	1	49	19.76	19.82	19.87	19.76								
20	QPSK	1	99	22.41	22.41	22.37	22.46			20	QPSK	1	99	22.51	22.38	22.50	22.30			20	QPSK	1	99	19.91	19.88	19.77	19.88								
20	QPSK	50	0	21.56	21.56	21.46	21.46			20	QPSK	50	0	21.57	21.39	21.59	21.40			20	QPSK	50	0	19.79	19.63	19.72	19.73								
20	QPSK	50	24	21.46	21.51	21.50	21.35			20	QPSK	50	24	21.43	21.27	21.41	21.37			20	QPSK	50	24	19.82	19.73	19.79	19.85								
20	QPSK	50	50	21.43	21.51	21.44	21.46			20	QPSK	50	50	21.46	21.37	21.42	21.27			20	QPSK	50	50	19.80	19.76	19.80	19.72								
20	QPSK	100	0	21.56	21.42	21.50	21.48			20	QPSK	100	0	21.55	21.31	21.44	21.38			20	QPSK	100	0	19.94	19.80	19.78	19.81								
20	16QAM	1	0	21.49	21.58	21.57	21.57			22	1	20	16QAM	1	0	21.53	21.32	21.47	21.29			22	1	20	16QAM	1	0	19.80	19.76	19.82	19.80				
20	16QAM	1	49	21.44	21.54	21.46	21.48			20	16QAM	1	49	21.45	21.39	21.44	21.31			20	16QAM	1	49	19.82	19.71	19.81	19.81								
20	16QAM	1	99	21.49	21.48	21.51	21.48			20	16QAM	1	99	21.50	21.28	21.44	21.38			20	16QAM	1	99	19.80	19.77	19.85	19.86								
20	16QAM	50	0	20.47	20.56	20.59	20.50			20	16QAM	50	0	20.55	20.38	20.53	20.43			20	16QAM	50	0	19.84	19.77	19.76	19.84								
20	16QAM	50	24	20.37	20.51	20.57	20.40			21	2	20	16QAM	50	24	20.44	20.33	20.44	20.34			20	16QAM	50	24	19.78	19.63	19.75	19.84						
20	16QAM	50	50	20.36	20.65	20.46	20.35			20	16QAM	50	50	20.44	20.29	20.52	20.30			20	16QAM	50	50	19.72	19.72	19.73	19.69								
20	16QAM	100	0	20.37	20.54	20.55	20.36			20	16QAM	100	0	20.41	20.30	20.42	20.41			20	16QAM	100	0	19.85	19.69	19.63	19.75								
20	64QAM	1	0	20.11	20.10	20.22	20.09			20	64QAM	1	0	20.54	20.27	20.45	20.39			20	64QAM	1	0	19.78	19.64	19.75	19.75								
20	64QAM	1	49	20.36	20.51	20.52	20.39			21	2	20	64QAM	1	49	20.46	20.29	20.50	20.31			21	2	20	64QAM	1	49	19.71	19.64	19.76	19.60				
20	64QAM	1	99	20.34	20.54	20.47	20.40			20	64QAM	1	99	20.48	20.35	20.52	20.42			20	64QAM	1	99	19.80	19.72	19.72	19.75								
20	64QAM	50	0	19.42	19.52	19.56	19.48			20	64QAM	50	0	19.60	19.41	19.58	19.45			20	64QAM	50	0	19.82	19.38	19.35	19.46								
20	64QAM	50	24	19.37	19.51	19.42	19.33			20	64QAM	50	24	19.59	19.41	19.49	19.30			20	64QAM	50	24	19.28	19.44	19.35	19.51								
20	64QAM	50	50	19.35	19.41	19.51	19.40			20	64QAM	50	50	19.63	19.32	19.51	19.38			20	64QAM	50	50	19.17	19.43	19.31	19.53								
20	64QAM	100	0	19.34	19.50	19.42	19.39			20	64QAM	100	0	19.54	19.40	19.45	19.31			20	64QAM	100	0	19.22	19.39	19.37	19.49								
Channel										Channel										Channel															
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)															
15	QPSK	1	0	22.46	22.35	22.35	22.38			23	0	15	QPSK	1	0	22.48	22.19	22.45	22.43			23	0	15	QPSK	1	0	19.93	19.83	19.82	19.93				
15	QPSK	1	37	22.43	22.18	22.26	22.27			15	QPSK	1	37	22.38	22.17	22.48	22.28			15	QPSK	1	37	19.73	19.71	19.64	19.67								
15	QPSK	1	74	22.32	22.28	22.23	22.33			15	QPSK	1	74	22.45	22.09	22.47	22.19			15	QPSK	1	74	19.86	19.83	19.72	19.83								
15	QPSK	36	0	21.44	21.37	21.47	21.36			15	QPSK	36	0	21.46	21.22	21.40	21.39			15	QPSK	36	0	19.95	19.67	19.77	19.91								
15	QPSK	36	20	21.34	21.34	21.41	21.19			15	QPSK	36	20	21.38	21.09	21.39	21.29			15	QPSK	36	20	19.79	19.63	19.72	19.73								
15	QPSK	36	39	21.33	21.31	21.27	21.37			15	QPSK	36	39	21.45	21.13	21.27	21.24			15	QPSK	36	39	19.75	19.70	19.65	19.62								
15	QPSK	75	0	21.36	21.35	21.41	21.41			15	QPSK	75	0	21.47	21.05	21.36	21.31			15	QPSK	75	0	19.83	19.73	19.66	19.70								
15	16QAM	1	0	21.43	21.39	21.38	21.44			15	16QAM	1	0	21.50	21.11	21.38	21.14			15	16QAM	1	0	19.78	19.66	19.76	19.77								
15	16QAM	1	37	21.34	21.38	21.36	21.33			15	16QAM	1	37	21.42	21.19	21.39	21.24			15	16QAM	1	37	19.82	19.59	19.52	19.56								
15	16QAM	1	74	21.34	21.31	21.41	21.31			15	16QAM	1	74	21.43	21.10	21.29	21.29			15	16QAM	1	74	19.77	19.73	19.56	19.71								
15	16QAM	36	0	20.42	20.43	20.42	20.45			15	16QAM	36	0	20.54	20.17	20.50	20.42			15	16QAM	36	0	19.92	19.76	19.64	19.82								
15	16QAM	36	20	20.18	20.44	20.48	20.32			15	16QAM	36	20	20.30	20.10	20.37	20.30			15	16QAM	36	20	19.68	19.52	19.71	19.74								
15	16QAM	36	39	20.16	20.47	20.29	20.17			15	16QAM	36	39	20.29	20.04	20.50	20.27			15	16QAM	36	39	19.59	19.69	19.68	19.66								
15	16QAM	75	0	20.20	20.38	20.47	20.39			15	16QAM	75	0	20.32	20.14	20.32	20.37			15	16QAM	75	0	19.81	19.65	19.49	19.66								
15	64QAM	1	0	19.93	19.97	20.02	19.99			15	64QAM	1	0	20.50	20.01	20.35	20.26			15	64QAM	1	0	19.74	19.61	19.74	19.60								
15	64QAM	1	37	20.20	20.33	20.38	20.29			15	64QAM	1	37	20.35	20.07	20.44	20.30			15	64QAM	1	37	19.56	19.49	19.70	19.60								
15	64QAM	1	74	20.10	20.38	20.35	20.32			15	64QAM	1	74	20.35	20.16	20.41	20.30			15	64QAM	1	74	19.75	19.64	19.74	19.61								
15	64QAM	36	0	19.27	19.47	19.46	19.42			15	64QAM	36	0	19.55	19.19	19.48	19.31			15	64QAM	36	0	19.29	19.34	19.20	19.40								
15	64QAM	36	20	19.28	19.41	19.24	19.23			20	3	15	64QAM	36	20	19.45	19.17	19.45	19.28			20	3	15	64QAM	36	20	19.27	19.40	19.31	19.38				
15	64QAM	36	39	19.15	19.36	19.33	19.32			15	64QAM	36	39	19.48	19.05	19.36	19.20			15	64QAM	36	39	19.12	19.33	19.26	19.38								
15	64QAM	75	0	19.15	19.43	19.30	19.32			15	64QAM	75	0	19.47	19.12	19.30	19.16			15	64QAM	75	0	19.07	19.27	19.19	19.40								
Channel										Channel										Channel															
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)															
5	QPSK	1	0	22.31	22.22	22.27	22.26			23	0	5	QPSK	1	0	22.47	22.20	22.49	22.37			23	0	5	QPSK	1	0	19.83	19.78	19.78	19.82				
5	QPSK	1	25	22.34	22.21	22.36	22.27			20	QPSK	1	25	22.45	22.22	22.44	22.21			20	QPSK	1	25	19.66	19.73	19.66	19.71								
5	QPSK	1	49	22.27	22.38	22.36	22.33			20	QPSK	1	49	22.43	22.18	22.39	22.29			20	QPSK	1	49	19.82	19.77	19.62	19.83								
5	QPSK	25	0	21.50	21.50	21.47	21.35			20	QPSK	25	0	21.42	21.25	21.60	21.36			20	QPSK	25	0	19.95	19.71	19.75	19.83								
5	QPSK	25	12	21.32	21.35	21.35	21.15			22	1	20	QPSK	25	12	21.39	21.03	21.29	21.21			22	1	20	QPSK	25	12								

Part 96_Band 48_Ant 7										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				55340	55350	55150	55640			
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	21.35	21.20	21.19	21.22	22	0	
20	QPSK	1	49	21.18	21.10	21.17	21.06			
20	QPSK	1	99	21.25	20.92	21.08	21.06			
20	QPSK	50	0	21.30	21.16	21.16	21.20			
20	QPSK	50	24	21.24	20.93	21.06	21.12	22	0	
20	QPSK	50	50	21.28	20.85	21.07	21.08			
20	QPSK	100	0	21.24	21.13	21.10	21.15			
20	16QAM	1	49	21.21	21.15	21.14	21.10		22	
20	16QAM	1	99	21.12	20.85	21.14	21.00			
20	16QAM	1	99	21.21	20.78	20.93	20.91			
20	16QAM	50	0	21.28	21.14	21.11	21.10			
20	16QAM	50	24	21.16	20.78	21.05	21.11	22	0	
20	16QAM	50	50	21.14	20.87	20.97	20.99			
20	16QAM	100	0	21.12	21.03	21.05	21.00			
20	64QAM	1	0	21.15	21.15	21.10	21.11		22	
20	64QAM	1	49	21.22	20.79	21.03	21.10			
20	64QAM	1	99	21.16	20.87	20.97	21.03			
20	64QAM	50	0	20.93	20.59	20.70	20.68			
20	64QAM	50	24	20.81	20.46	20.63	20.63	21.5	0.5	
20	64QAM	50	50	20.71	20.47	20.57	20.57			
20	64QAM	100	0	20.76	20.48	20.57	20.65			
Channel				55315	55350	55160	55650	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3527.5	3609	36100	3692.5			
15	QPSK	1	0	21.32	21.10	21.05	21.08	22	0	
15	QPSK	1	37	21.05	21.08	21.05	20.97			
15	QPSK	1	74	21.15	20.86	21.03	20.97			
15	QPSK	36	0	21.22	21.11	21.05	21.08			
15	QPSK	36	36	21.21	20.81	20.92	21.04	22	0	
15	QPSK	36	39	21.26	20.93	20.96	20.97			
15	QPSK	75	0	21.11	21.01	20.98	21.05			
15	16QAM	1	0	21.14	21.14	21.09	20.97		22	
15	16QAM	1	37	21.00	20.83	21.02	20.94			
15	16QAM	1	74	21.09	20.70	20.88	20.76			
15	16QAM	36	0	21.16	21.02	21.03	21.04			
15	16QAM	36	20	21.10	20.68	21.02	20.98	22	0	
15	16QAM	36	39	21.04	20.66	20.90	20.94			
15	16QAM	75	0	21.06	20.59	20.92	20.91			
15	64QAM	1	0	21.12	21.13	20.97	21.09		22	
15	64QAM	1	37	21.09	20.66	20.93	20.95			
15	64QAM	1	74	21.05	20.79	20.91	21.00			
15	64QAM	36	0	20.76	20.47	20.56	20.66		21.5	
15	64QAM	36	20	20.76	20.31	20.61	20.50			
15	64QAM	36	39	20.65	20.41	20.44	20.58			
15	64QAM	75	0	20.68	20.45	20.47	20.58			
Channel				55290	55815	55165	55650	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3525	3607.5	3642.5	3695			
10	QPSK	1	0	21.26	21.09	21.13	21.11	22	0	
10	QPSK	1	25	21.17	20.96	21.08	20.96			
10	QPSK	1	49	21.20	20.90	20.98	21.05			
10	QPSK	25	0	21.20	21.13	21.08	21.16			
10	QPSK	25	12	21.11	20.85	20.97	21.09	22	0	
10	QPSK	25	25	21.16	20.94	20.95	20.96			
10	QPSK	50	0	21.09	21.06	21.09	21.05			
10	16QAM	1	0	21.11	21.12	21.02	21.09		22	
10	16QAM	1	25	21.09	20.91	21.04	20.95			
10	16QAM	1	49	21.10	20.74	20.90	20.84			
10	16QAM	25	0	21.12	21.00	21.08	20.99			
10	16QAM	25	12	21.15	20.69	21.04	21.02	22	0	
10	16QAM	25	25	21.03	20.74	20.93	20.94			
10	16QAM	50	0	20.98	20.92	20.97	20.92			
10	64QAM	1	0	21.13	21.03	20.98	21.02		22	
10	64QAM	1	25	21.12	20.76	20.94	20.97			
10	64QAM	1	49	21.10	20.78	20.95	20.90			
10	64QAM	25	0	20.80	20.44	20.56	20.57		21.5	
10	64QAM	25	12	20.72	20.42	20.51	20.46			
10	64QAM	25	25	20.62	20.42	20.46	20.42			
10	64QAM	50	0	20.68	20.34	20.47	20.52			
Channel				55265	55810	55170	55715	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3552.5	3607	3643	3697.5			
5	QPSK	1	0	21.21	21.05	21.16	21.07	22	0	
5	QPSK	1	12	21.04	21.02	21.10	21.05			
5	QPSK	1	24	21.23	20.87	20.94	21.02			
5	QPSK	12	0	21.27	21.11	21.10	21.08			
5	QPSK	12	7	21.16	20.83	21.02	21.00	22	0	
5	QPSK	12	13	21.20	20.83	21.01	20.95			
5	QPSK	25	0	21.23	21.12	21.09	21.05			
5	16QAM	1	0	21.09	21.00	21.08	20.96		22	
5	16QAM	1	12	21.07	20.90	21.11	20.88			
5	16QAM	1	24	21.18	20.74	20.80	20.82			
5	16QAM	12	0	21.11	21.06	21.07	21.06			
5	16QAM	12	7	21.07	20.74	20.97	21.07	22	0	
5	16QAM	12	13	21.11	20.76	20.84	20.88			
5	16QAM	25	0	21.07	20.88	21.00	20.95			
5	64QAM	1	0	21.01	21.06	21.09	21.01		22	
5	64QAM	1	12	21.14	20.74	20.88	20.98			
5	64QAM	1	24	21.06	20.78	20.86	20.98			
5	64QAM	12	0	20.76	20.52	20.62	20.59		21.5	
5	64QAM	12	7	20.68	20.37	20.58	20.50			
5	64QAM	12	13	20.59	20.33	20.53	20.43			
5	64QAM	25	0	20.72	20.43	20.46	20.52			

Reduced Power Mode for ECI19

GSM850_Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8	33.50	824.2	836.4	848.8	24.50
GSM 1 Tx slot		32.35	32.41	32.49		23.35	23.41	23.49	
GPRS 1 Tx slot		32.31	32.38	32.46	33.50	23.31	23.38	23.46	24.50
GPRS 2 Tx slots		30.42	30.43	30.58	31.50	24.42	24.43	24.58	25.50
GPRS 3 Tx slots		28.21	28.27	28.36	29.50	23.95	24.01	24.10	25.24
GPRS 4 Tx slots		27.12	27.23	27.21	28.50	24.12	24.23	24.21	25.50
EDGE 1 Tx slot		26.98	26.98	27.05	28.00	17.98	17.98	18.05	19.00
EDGE 2 Tx slots		25.82	25.86	25.86	27.00	19.82	19.86	19.86	21.00
EDGE 3 Tx slots		23.62	23.52	23.64	24.50	19.36	19.26	19.38	20.24
EDGE 4 Tx slots		22.31	22.46	22.57	23.50	19.31	19.46	19.57	20.50

GSM1900_Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1869.8	30.50	1850.2	1860	1869.8	21.50
GSM 1 Tx slot		29.24	29.56	29.51		20.26	20.58	20.51	
GPRS 1 Tx slot		29.24	29.53	29.47	30.50	20.24	20.53	20.47	21.50
GPRS 2 Tx slots		27.42	27.72	27.77	28.50	21.42	21.72	21.77	22.50
GPRS 3 Tx slots		26.21	26.47	26.53	27.50	21.95	22.21	22.27	23.24
GPRS 4 Tx slots		24.98	25.14	25.32	26.50	21.98	22.14	22.32	23.50
EDGE 1 Tx slot		25.82	25.82	25.81	27.00	16.82	16.82	16.81	18.00
EDGE 2 Tx slots		24.49	24.71	24.65	26.00	18.49	18.71	18.65	20.00
EDGE 3 Tx slots		22.15	22.23	22.28	23.50	17.89	17.97	18.02	19.24
EDGE 4 Tx slots		20.87	20.82	21.05	22.00	17.87	17.82	18.05	19.00

GSM1900_Ant 4		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1869.8	27.50	1850.2	1860	1869.8	18.50
GSM 1 Tx slot		26.46	26.68	26.64	27.50	17.46	17.68	17.64	18.50
GPRS 1 Tx slot		26.55	26.58	26.64	27.50	17.55	17.58	17.64	18.50
GPRS 2 Tx slots		24.74	24.82	24.95	25.50	18.74	18.82	18.95	19.50
GPRS 3 Tx slots		23.33	23.48	23.64	24.50	19.07	19.22	19.38	20.24
GPRS 4 Tx slots		21.96	22.07	22.08	23.50	18.96	19.07	19.08	20.50
EDGE 1 Tx slot		22.61	22.84	22.90	24.00	13.61	13.84	13.90	15.00
EDGE 2 Tx slots		21.52	21.44	21.54	23.00	15.52	15.44	15.54	17.00
EDGE 3 Tx slots		19.70	19.79	19.83	20.50	15.44	15.53	15.57	16.24
EDGE 4 Tx slots		17.64	17.70	17.73	19.00	14.64	14.70	14.73	16.00

Band		WCDMA II_Ant-1			Tune-up Limit (dBm)	WCDMA IV_Ant-1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938	1712.4	1537	1638	1738	1732.6
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.92	22.02	21.95	23.00	22.80	22.84	22.78	24.00
3GPP Rel 99	RMIC 12.2Kbps	21.99	22.05	22.01	23.00	22.85	22.88	22.82	24.00
3GPP Rel 6	HSDPA Subtest-1	21.25	21.35	21.37	22.00	21.87	21.95	21.98	23.00
3GPP Rel 6	HSDPA Subtest-2	21.23	21.36	21.40	22.00	21.85	21.95	21.95	23.00
3GPP Rel 6	HSDPA Subtest-3	20.80	20.82	20.92	21.50	21.34	21.48	21.45	22.50
3GPP Rel 6	HSDPA Subtest-4	20.72	20.85	20.95	21.50	21.32	21.39	21.45	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.22	21.26	21.32	22.00	21.83	21.84	21.90	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.17	21.27	21.36	22.00	21.70	21.88	21.93	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.75	20.68	20.80	21.50	21.22	21.36	21.35	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.68	20.71	20.80	21.50	21.22	21.35	21.33	22.50
3GPP Rel 6	HSUPA Subtest-1	19.32	19.34	19.39	20.00	19.86	19.90	19.97	21.00
3GPP Rel 6	HSUPA Subtest-2	19.33	19.34	19.35	20.00	19.82	20.03	20.03	21.00
3GPP Rel 6	HSUPA Subtest-3	20.28	20.36	20.37	21.00	21.00	20.97	20.99	22.00
3GPP Rel 6	HSUPA Subtest-4	18.81	18.92	18.94	20.00	19.40	19.44	19.47	21.00
3GPP Rel 6	HSUPA Subtest-5	20.30	20.30	20.40	22.00	21.10	21.00	21.00	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.05	19.12	19.07	20.50	20.10	20.19	20.15	21.50

Band		WCDMA II_Ant-4			Tune-up Limit (dBm)	WCDMA IV_Ant-4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938	1712.4	1537	1638	1738	1732.6
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.58	18.64	18.67	19.50	21.29	21.32	21.27	22.50
3GPP Rel 99	RMIC 12.2Kbps	18.65	18.75	18.71	19.50	21.35	21.37	21.30	22.50
3GPP Rel 6	HSDPA Subtest-1	17.62	17.71	17.80	18.50	20.28	20.36	20.46	21.50
3GPP Rel 6	HSDPA Subtest-2	17.64	17.73	17.76	18.50	20.25	20.35	20.42	21.50
3GPP Rel 6	HSDPA Subtest-3	17.13	17.23	17.31	18.00	19.78	19.90	19.99	21.00
3GPP Rel 6	HSDPA Subtest-4	17.12	17.22	17.26	18.00	19.79	19.85	19.91	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.51	17.70	17.69	18.50	20.23	20.34	20.37	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.51	17.60	17.67	18.50	20.17	20.25	20.27	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	17.03	17.20	17.23	18.00	19.68	19.87	19.92	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	17.10	17.14	17.18	18.00	19.78	19.82	19.76	21.00
3GPP Rel 6	HSUPA Subtest-1	15.76	15.88	15.80	16.50	18.29	18.41	18.42	19.50
3GPP Rel 6	HSUPA Subtest-2	15.69	15.80	15.84	16.50	18.34	18.42	18.38	19.50
3GPP Rel 6	HSUPA Subtest-3	16.70	16.77	16.81	17.50	19.35	19.38	19.41	20.50
3GPP Rel 6	HSUPA Subtest-4	15.16	15.37	15.21	16.50	17.86	17.96	17.95	19.50
3GPP Rel 6	HSUPA Subtest-5	16.70	16.80	16.80	18.50	19.60	19.60	19.50	21.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.77	15.82	15.72	17.00	18.57	18.66	18.60	20.00

Band		WCDMA V_Ant-0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	826.6
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.80	23.87	23.83	25.00
3GPP Rel 99	RMIC 12.2Kbps	23.84	23.95	23.91	25.00
3GPP Rel 6	HSDPA Subtest-1	22.96	22.94	22.92	24.00
3GPP Rel 6	HSDPA Subtest-2	22.89	23.06	22.96	24.00
3GPP Rel 6	HSDPA Subtest-3	22.53	22.61	22.55	23.50
3GPP Rel 6	HSDPA Subtest-4	22.38	22.56	22.51	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.84	22.90	22.91	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.83	22.99	22.89	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.47	22.51	22.41	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.31	22.46	22.41	23.50
3GPP Rel 6	HSUPA Subtest-1	20.90	20.94	20.97	22.00
3GPP Rel 6	HSUPA Subtest-2	20.95	20.98	20.98	22.00
3GPP Rel 6	HSUPA Subtest-3	21.94	21.97	21.98	23.00
3GPP Rel 6	HSUPA Subtest-4	20.45	20.43	20.56	22.00
3GPP Rel 6	HSUPA Subtest-5	22.30	22.10	22.00	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.82	20.89	20.88	22.50

GSM850_Ant 4		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8	33.00	824.2	836.4	848.8	24.00
GSM 1 Tx slot		32.05	32.26	32.11		23.05	23.26	23.11	
GPRS 1 Tx slot		32.01	32.21	32.05	33.00	23.01	23.21	23.05	24.00
GPRS 2 Tx slots		30.12	30.26	30.13	31.00	24.12	24.26	24.13	25.00
GPRS 3 Tx slots		27.96	28.04	27.92	29.00	23.60	23.78	23.66	24.74
GPRS 4 Tx slots		26.72	26.87	26.77	28.00	23.72	23.87	23.77	25.00
EDGE 1 Tx slot		26.82	26.82	26.77	27.50	17.82	17.77	17.77	18.50
EDGE 2 Tx slots		25.70	25.68	25.65	26.50	19.70	19.68	19.65	20.50
EDGE 3 Tx slots		23.43	23.48	23.32	24.50	19.17	19.22	19.06	20.24
EDGE 4 Tx slots		22.27	22.27	22.24	23.50	19.27	19.27	19.24	20.50

GSM1900_Ant 2		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame-Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1869.8	30.50	1850.2	1860	1869.8	21.50
GSM 1 Tx slot		29.66	29.79	29.74		20.68	20.79	20.74	
GPRS 1 Tx slot		29.66	29.77	29.73	30.50	20.66	20.77	20.73	21.50
GPRS 2 Tx slots		27.76	27.86	27.90	28.50	21.76	21.86	21.90	22.50
GPRS 3 Tx slots		26.86	26.68	26.65	27.50	22.32	22.42	22.39	23.24
GPRS 4 Tx slots		25.27	25.35	25.38	26.50	22.27	22.35	22.38	23.50
EDGE 1 Tx slot		25.99	26.14	26.06	27.00	22.99	23.14	23.06	28.00
EDGE 2 Tx slots		24.76	24.86	24.84	25.76	21.76	21.84	21.82	26.24
EDGE 3 Tx slots		22.24	22.60	22.58	23.50	18.26	18.34	18.32	20.24
EDGE 4 Tx slots		21.66	21.31	21.29	22.00	18.26	18.31	18.29	19.00

Band 2_Ant 1													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)					
Channel				18700	18900	19100							
Frequency (MHz)				1860	1880	1900							
20	QPSK	1	0	21.87	21.95	21.90	23	0					
20	QPSK	1	49	21.85	21.87	21.84							
20	QPSK	1	99	21.84	21.89	21.80							
20	QPSK	50	0	21.87	21.90	21.86							
20	QPSK	50	24	21.82	21.85	21.84	23	0					
20	QPSK	50	50	21.84	21.87	21.84							
20	QPSK	100	0	21.85	21.87	21.85							
20	16QAM	1	0	21.77	21.87	21.88							
20	16QAM	1	49	21.77	21.84	21.84	23	0					
20	16QAM	1	99	21.79	21.91	21.79							
20	16QAM	50	0	21.39	21.35	21.37							
20	16QAM	50	24	21.36	21.39	21.33							
20	16QAM	50	50	21.33	21.36	21.32	22.5	0.5					
20	16QAM	100	0	21.34	21.35	21.33							
20	64QAM	1	0	21.64	21.49	21.52							
20	64QAM	1	49	21.60	21.59	21.51							
20	64QAM	1	99	21.44	21.48	21.49	21.5	1.5					
20	64QAM	50	0	20.40	20.37	20.40							
20	64QAM	50	24	20.39	20.41	20.36							
20	64QAM	50	50	20.35	20.37	20.33							
20	64QAM	100	0	20.37	20.36	20.34							
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)					
Frequency (MHz)				1857.5	1880	1902.5							
15	QPSK	1	0	21.74	21.92	21.84	23	0					
15	QPSK	1	37	21.79	21.74	21.82							
15	QPSK	1	74	21.72	21.87	21.69							
15	QPSK	36	0	21.78	21.89	21.77							
15	QPSK	36	20	21.69	21.80	21.69	23	0					
15	QPSK	36	39	21.73	21.79	21.75							
15	QPSK	75	0	21.78	21.85	21.72							
15	16QAM	1	0	21.66	21.86	21.84							
15	16QAM	1	37	21.73	21.79	21.77	23	0					
15	16QAM	1	74	21.74	21.85	21.75							
15	16QAM	36	0	21.29	21.27	21.29							
15	16QAM	36	20	21.33	21.23	21.23							
15	16QAM	36	39	21.24	21.29	21.21	22.5	0.5					
15	16QAM	75	0	21.29	21.22	21.21							
15	64QAM	1	0	21.45	21.53	21.41							
15	64QAM	1	37	21.49	21.59	21.38							
15	64QAM	1	74	21.53	21.37	21.39	22.5	0.5					
15	64QAM	36	0	20.35	20.30	20.26							
15	64QAM	36	20	20.28	20.32	20.21							
15	64QAM	36	39	20.31	20.22	20.24							
15	64QAM	75	0	20.27	20.31	20.24							
Channel				18950	18900	19150	Tune-up limit (dBm)	MPR (dB)					
Frequency (MHz)				1885	1880	1905							
10	QPSK	1	0	21.84	21.85	21.83	23	0					
10	QPSK	1	25	21.84	21.80	21.82							
10	QPSK	1	49	21.77	21.75	21.66							
10	QPSK	25	0	21.85	21.89	21.75							
10	QPSK	25	12	21.74	21.70	21.72	23	0					
10	QPSK	25	25	21.79	21.86	21.72							
10	QPSK	50	0	21.76	21.72	21.84							
10	16QAM	1	0	21.75	21.80	21.82							
10	16QAM	1	25	21.62	21.71	21.74	23	0					
10	16QAM	1	49	21.73	21.82	21.72							
10	16QAM	25	0	21.25	21.25	21.25							
10	16QAM	25	12	21.35	21.31	21.22							
10	16QAM	25	25	21.32	21.32	21.18	22.5	0.5					
10	16QAM	50	0	21.22	21.26	21.24							
10	64QAM	1	0	21.44	21.45	21.37							
10	64QAM	1	25	21.49	21.45	21.47							
10	64QAM	1	49	21.41	21.43	21.48	22.5	0.5					
10	64QAM	25	0	20.27	20.39	20.33							
10	64QAM	25	12	20.26	20.34	20.21							
10	64QAM	25	25	20.25	20.20	20.23							
10	64QAM	50	0	20.28	20.36	20.20							
Channel				18925	18900	19175	Tune-up limit (dBm)	MPR (dB)					
Frequency (MHz)				1892.5	1890	1907.5							
5	QPSK	1	0	21.80	21.89	21.81	23	0					
5	QPSK	1	12	21.78	21.80	21.83							
5	QPSK	1	24	21.73	21.84	21.65							
5	QPSK	12	0	21.72	21.75	21.85							
5	QPSK	12	7	21.79	21.84	21.81	23	0					
5	QPSK	12	13	21.74	21.75	21.76							
5	QPSK	25	0	21.71	21.85	21.72							
5	16QAM	1	0	21.68	21.75	21.76							
5	16QAM	1	12	21.72	21.72	21.77	23	0					
5	16QAM	1	24	21.76	21.86	21.66							
5	16QAM	12	0	21.34	21.31	21.30							
5	16QAM	12	7	21.33	21.34	21.19							
5	16QAM	12	13	21.26	21.19	21.19	22.5	0.5					
5	16QAM	25	0	21.28	21.32	21.22							
5	64QAM	1	0	21.44	21.50	21.39							
5	64QAM	1	12	21.54	21.47	21.44							
5	64QAM	1	24	21.35	21.34	21.42	22.5	0.5					
5	64QAM	12	0	20.33	20.37	20.25							
5	64QAM	12	7	20.40	20.29	20.23							
5	64QAM	12	13	20.30	20.29	20.30							
5	64QAM	25	0	20.32	20.27	20.21							
Channel				18975	18900	19193	Tune-up limit (dBm)	MPR (dB)					
Frequency (MHz)				1897.5	1890	1909.3							
3	QPSK	1	0	21.72	21.93	21.89	23	0					
3	QPSK	1	8	21.78	21.85	21.71							
3	QPSK	1	14	21.78	21.85	21.71							
3	QPSK	8	0	21.85	21.88	21.76							
3	QPSK	8	4	21.77	21.72	21.70	23	0					
3	QPSK	8	7	21.83	21.83	21.79							
3	QPSK	15	0	21.78	21.75	21.78							
3	16QAM	1	0	21.70	21.76	21.75							
3	16QAM	1	8	21.71	21.69	21.71	23	0					
3	16QAM	1	14	21.66	21.88	21.71							
3	16QAM	8	0	21.25	21.33	21.34							
3	16QAM	8	4	21.32	21.33	21.22		22.5	0.5				
3	16QAM	8	7	21.32	21.20	21.20							
3	16QAM	15	0	21.30	21.21	21.22							
3	64QAM	1	0	21.44	21.50	21.45							
3	64QAM	1	8	21.50	21.47	21.48	22.5	0.5					
3	64QAM	1	14	21.42	21.42	21.36							
3	64QAM	8	0	20.31	20.31	20.39							
3	64QAM	8	4	20.31	20.30	20.28							
3	64QAM	8	7	20.36	20.25	20.18	21.5		1.5				
3	64QAM	15	0	20.28	20.33	20.23							
Channel				18907	18900	19193		Tune-up limit (dBm)		MPR (dB)			
Frequency (MHz)				1890.7	1890	1909.3							
1.4	QPSK	1	0	21.74	21.89	21.89	23	0					
1.4	QPSK	1	3	21.80	21.76	21.73							
1.4	QPSK	1	6	21.76	21.76	21.72							
1.4	QPSK	3	0	21.86	21.81	21.83							
1.4	QPSK	3	1	21.74	21.75	21.76	23	0					
1.4	QPSK	3	3	21.73	21.81	21.77							
1.4	QPSK	6	0	21.73	21.81	21.82							
1.4	16QAM	1	0	21.62	21.74	21.84							
1.4	16QAM	1	3	21.70	21.81	21.75	23	0					
1.4	16QAM	1	6	21.69	21.76	21.78							
1.4	16QAM	3	0	21.86	21.78	21.78							
1.4	16QAM	3	1	21.74	21.73	21.79							
1.4	16QAM	3	3	21.68	21.78	21.70	22.5	0.5					
1.4	16QAM	6	0	21.23	21.30	21.19							
1.4	64QAM	1	0	21.39	21.59	21.38							
1.4	64QAM	1	3	21.55	21.53	21.44							
1.4	64QAM	1	6	21.47	21.32	21.44	22.5	0.5					
1.4	64QAM	3	0	21.47	21.59	21.37							
1.4	64QAM	3	3	21.56	21.48	21.45							
1.4	64QAM	3	6	21.46	21.32	21.39							
1.4	64QAM	6	0	20.35	20.31	20.30	21.5		1.5				
1.4	64QAM	6	3	20.35	20.31	20.30							
1.4	64QAM	6	6	20.35	20.31	20.30							
1.4	64QAM	6	9	20.35	20.31	20.30							

Band 4_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20050	20175	20300				
Frequency (MHz)				1720	1732.5	1745				
20	QPSK	1	0	23.25	23.30	23.27	24.5	0		
20	QPSK	1	49	23.22	23.26	23.20				
20	QPSK	1	99	23.11	23.15	23.22				
20	QPSK	50	0	22.29	22.31	22.27	23.5	1		
20	QPSK	50	24	22.27	22.22	22.25				
20	QPSK	50	50	22.21	22.19	22.26				
20	QPSK	100	0	22.24	22.29	22.26	23.5	1		
20	16QAM	1	0	22.52	22.53	22.49				
20	16QAM	1	49	22.53	22.51	22.48				
20	16QAM	1	99	22.44	22.36	22.50	22.5	2		
20	16QAM	50	0	21.23	21.20	21.21				
20	16QAM	50	24	21.26	21.19	21.26				
20	16QAM	50	50	21.22	21.20	21.26	22.5	2		
20	16QAM	100	0	21.22	21.18	21.24				
20	16QAM	1	0	21.34	21.45	21.41				
20	64QAM	1	49	21.42	21.43	21.46	22.5	2		
20	64QAM	1	99	21.27	21.25	21.42				
20	64QAM	50	0	20.24	20.22	20.21				
20	64QAM	50	24	20.27	20.21	20.27	21.5	3		
20	64QAM	50	50	20.21	20.19	20.27				
20	64QAM	100	0	20.23	20.19	20.25				
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1732.5	1747.5				
15	QPSK	1	0	23.15	23.16	23.22	24.5	0		
15	QPSK	1	37	23.09	23.16	23.13				
15	QPSK	1	74	23.10	23.03	23.12				
15	QPSK	36	0	22.22	22.17	22.17	23.5	1		
15	QPSK	36	20	22.12	22.19	22.24				
15	QPSK	36	39	22.11	22.06	22.15				
15	QPSK	75	0	22.09	22.21	22.25	23.5	1		
15	16QAM	1	0	22.49	22.41	22.34				
15	16QAM	1	37	22.39	22.49	22.40				
15	16QAM	1	74	22.40	22.30	22.42	22.5	2		
15	16QAM	36	0	21.12	21.05	21.15				
15	16QAM	36	20	21.16	21.05	21.19				
15	16QAM	36	39	21.09	21.13	21.13	22.5	2		
15	16QAM	75	0	21.13	21.10	21.20				
15	64QAM	1	0	21.27	21.39	21.28				
15	64QAM	1	37	21.30	21.38	21.37	22.5	2		
15	64QAM	1	74	21.13	21.21	21.33				
15	64QAM	36	0	20.17	20.18	20.07				
15	64QAM	36	20	20.26	20.20	20.26	21.5	3		
15	64QAM	36	39	20.11	20.05	20.20				
15	64QAM	75	0	20.20	20.08	20.20				
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1732.5	1750				
10	QPSK	1	0	23.14	23.18	23.18	24.5	0		
10	QPSK	1	25	23.07	23.12	23.19				
10	QPSK	1	49	23.06	23.07	23.19				
10	QPSK	25	0	22.16	22.21	22.21	23.5	1		
10	QPSK	25	12	22.14	22.11	22.10				
10	QPSK	25	25	22.14	22.14	22.18				
10	QPSK	50	0	22.18	22.14	22.14	23.5	1		
10	16QAM	1	0	22.39	22.43	22.38				
10	16QAM	1	25	22.51	22.47	22.42				
10	16QAM	1	49	22.37	22.34	22.47	22.5	2		
10	16QAM	25	0	21.18	21.19	21.07				
10	16QAM	25	12	21.15	21.09	21.17				
10	16QAM	25	25	21.07	21.13	21.25	22.5	2		
10	16QAM	50	0	21.17	21.14	21.20				
10	64QAM	1	0	21.25	21.33	21.30				
10	64QAM	1	25	21.38	21.36	21.40	22.5	2		
10	64QAM	1	49	21.17	21.13	21.29				
10	64QAM	25	0	20.13	20.08	20.06				
10	64QAM	25	12	20.23	20.07	20.25	21.5	3		
10	64QAM	25	25	20.12	20.07	20.21				
10	64QAM	50	0	20.15	20.05	20.19				
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1732.5	1752.5				
5	QPSK	1	0	23.18	23.18	23.24	24.5	0		
5	QPSK	1	12	23.09	23.18	23.07				
5	QPSK	1	24	23.06	23.00	23.10				
5	QPSK	12	0	22.14	22.24	22.16	23.5	1		
5	QPSK	12	7	22.20	22.16	22.14				
5	QPSK	12	13	22.18	22.15	22.21				
5	QPSK	25	0	22.23	22.28	22.14	23.5	1		
5	16QAM	1	0	22.40	22.41	22.35				
5	16QAM	1	12	22.50	22.37	22.34				
5	16QAM	1	24	22.33	22.35	22.45	22.5	2		
5	16QAM	12	0	21.17	21.06	21.16				
5	16QAM	12	7	21.17	21.07	21.21				
5	16QAM	12	13	21.16	21.07	21.25	22.5	2		
5	16QAM	25	0	21.13	21.05	21.09				
5	64QAM	1	0	21.20	21.39	21.40				
5	64QAM	1	12	21.31	21.36	21.45	22.5	2		
5	64QAM	1	24	21.25	21.11	21.33				
5	64QAM	12	0	20.14	20.20	20.14				
5	64QAM	12	7	20.16	20.11	20.14	21.5	3		
5	64QAM	12	13	20.13	20.16	20.25				
5	64QAM	25	0	20.11	20.11	20.23				
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1732.5	1753.5				
3	QPSK	1	0	23.14	23.15	23.20	24.5	0		
3	QPSK	1	8	23.15	23.21	23.11				
3	QPSK	1	14	22.97	23.07	23.16				
3	QPSK	8	0	22.18	22.20	22.12	23.5	1		
3	QPSK	8	4	22.25	22.18	22.12				
3	QPSK	8	7	22.19	22.18	22.12				
3	QPSK	15	0	22.09	22.27	22.24	23.5	1		
3	16QAM	1	0	22.45	22.40	22.45				
3	16QAM	1	8	22.45	22.47	22.40				
3	16QAM	1	14	22.33	22.22	22.46	22.5	2		
3	16QAM	8	0	21.21	21.08	21.10				
3	16QAM	8	4	21.22	21.10	21.15				
3	16QAM	8	7	21.07	21.09	21.15	22.5	2		
3	16QAM	15	0	21.08	21.06	21.12				
3	64QAM	1	0	21.30	21.43	21.29				
3	64QAM	1	8	21.36	21.29	21.40	22.5	2		
3	64QAM	1	14	21.13	21.12	21.38				
3	64QAM	8	0	20.18	20.15	20.13				
3	64QAM	8	4	20.12	20.13	20.13	21.5	3		
3	64QAM	8	7	20.07	20.04	20.18				
3	64QAM	15	0	20.08	20.08	20.10				
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1732.5	1754.3				
1.4	QPSK	1	0	23.15	23.22	23.17	24.5	0		
1.4	QPSK	1	3	23.20	23.23	23.16				
1.4	QPSK	1	5	22.98	23.12	23.16				
1.4	QPSK	3	0	23.13	23.24	23.19	23.5	1		
1.4	QPSK	3	3	23.07	23.24	23.25				
1.4	QPSK	3	3	23.01	23.08	23.21				
1.4	QPSK	6	0	22.12	22.26	22.12	23.5	1		
1.4	16QAM	1	0	22.40	22.38	22.36				
1.4	16QAM	1	3	22.48	22.39	22.38				
1.4	16QAM	1	5	22.40	22.35	22.45	23.5	1		
1.4	16QAM	3	0	22.32	22.36	22.45				
1.4	16QAM	3	3	22.51	22.40	22.47				
1.4	16QAM	3	3	22.43	22.30	22.46	22.5	2		
1.4	16QAM	6	0	21.21	21.14	21.14				
1.4	64QAM	1	0	21.33	21.38	21.36				
1.4	64QAM	1	3	21.29	21.37	21.41	22.5	2		
1.4	64QAM	1	5	21.16	21.13	21.36				
1.4	64QAM	3	0	21.22	21.43	21.26				
1.4	64QAM	3	1	21.40	21.28	21.35	21.5	3		
1.4	64QAM	3	3	21.21	21.17	21.35				
1.4	64QAM	6	0	20.16	20.11	20.12				

Band 5_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.76	23.87	23.86	25	0		
10	QPSK	1	25	23.66	23.74	23.53				
10	QPSK	1	49	23.70	23.82	23.74				
10	QPSK	25	0	22.64	22.77	22.74				
10	QPSK	25	12	22.63	22.67	22.72	24	1		
10	QPSK	25	25	22.63	22.69	22.70				
10	QPSK	50	0	22.67	22.75	22.73				
10	16QAM	1	0	22.74	22.93	22.97				
10	16QAM	1	25	22.74	22.74	23.02	24	1		
10	16QAM	1	49	22.71	23.00	22.97				
10	16QAM	25	0	21.66	21.63	21.74				
10	16QAM	25	12	21.60	21.71	21.69				
10	16QAM	25	25	21.60	21.78	21.71	23	2		
10	16QAM	50	0	21.62	21.73	21.71				
10	64QAM	1	0	21.93	22.06	21.96				
10	64QAM	1	25	21.85	21.77	21.95				
10	64QAM	1	49	21.84	21.98	21.81	23	2		
10	64QAM	25	0	20.80	20.80	20.66				
10	64QAM	25	12	20.52	20.62	20.69				
10	64QAM	25	25	20.66	20.68	20.81				
10	64QAM	50	0	20.63	20.68	20.74	22	3		
10	64QAM	50	0	20.63	20.68	20.74				
Channel				20425	20525	20625	Tune-up limit (dBm)		MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	23.75	23.85	23.83	25	0		
5	QPSK	1	12	23.54	23.73	23.39				
5	QPSK	1	24	23.65	23.77	23.62				
5	QPSK	12	0	22.60	22.72	22.61				
5	QPSK	12	7	22.51	22.56	22.71	24	1		
5	QPSK	12	13	22.55	22.62	22.62				
5	QPSK	25	0	22.56	22.62	22.66				
5	16QAM	1	0	22.67	22.80	22.91				
5	16QAM	1	12	22.61	22.62	22.93	24	1		
5	16QAM	1	24	22.67	22.90	22.86				
5	16QAM	12	0	21.65	21.54	21.72				
5	16QAM	12	7	21.56	21.64	21.65				
5	16QAM	12	13	21.57	21.73	21.70	23	2		
5	16QAM	25	0	21.61	21.66	21.58				
5	64QAM	1	0	21.89	22.01	21.87				
5	64QAM	1	12	21.75	21.69	21.94				
5	64QAM	1	24	21.72	21.93	21.76	23	2		
5	64QAM	12	0	20.49	20.67	20.60				
5	64QAM	12	7	20.46	20.50	20.58				
5	64QAM	12	13	20.57	20.55	20.72				
5	64QAM	25	0	20.68	20.62	20.74	22	3		
5	64QAM	25	0	20.68	20.62	20.74				
Channel				20415	20525	20635	Tune-up limit (dBm)		MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	23.74	23.81	23.76	25	0		
3	QPSK	1	8	23.52	23.66	23.39				
3	QPSK	1	14	23.61	23.69	23.70				
3	QPSK	8	0	22.57	22.76	22.71				
3	QPSK	8	4	22.62	22.59	22.69	24	1		
3	QPSK	8	7	22.60	22.61	22.69				
3	QPSK	15	0	22.59	22.73	22.64				
3	16QAM	1	0	22.62	22.89	22.88				
3	16QAM	1	8	22.72	22.68	22.97	24	1		
3	16QAM	1	14	22.68	22.88	22.91				
3	16QAM	8	0	21.65	21.57	21.63				
3	16QAM	8	4	21.48	21.63	21.63				
3	16QAM	8	7	21.59	21.64	21.64	23	2		
3	16QAM	15	0	21.53	21.61	21.56				
3	64QAM	1	0	21.80	21.95	21.95				
3	64QAM	1	8	21.78	21.69	21.88				
3	64QAM	1	14	21.70	21.85	21.70	23	2		
3	64QAM	8	0	20.49	20.66	20.51				
3	64QAM	8	4	20.42	20.48	20.57				
3	64QAM	8	7	20.63	20.65	20.73				
3	64QAM	15	0	20.68	20.59	20.63	22	3		
Channel				20407	20525	20643				
Frequency (MHz)				824.7	836.5	848.3	Tune-up limit (dBm)		MPR (dB)	
1.4	QPSK	1	0	23.69	23.72	23.84	25	0		
1.4	QPSK	1	3	23.51	23.71	23.45				
1.4	QPSK	1	5	23.57	23.77	23.65				
1.4	QPSK	3	0	23.71	23.80	23.85				
1.4	QPSK	3	1	23.63	23.68	23.45	24	1		
1.4	QPSK	3	3	23.69	23.70	23.73				
1.4	QPSK	6	0	22.58	22.61	22.65				
1.4	16QAM	1	0	22.73	22.91	22.88				
1.4	16QAM	1	3	22.64	22.59	23.00	24	1		
1.4	16QAM	1	5	22.66	22.86	22.84				
1.4	16QAM	3	0	22.73	22.86	22.87				
1.4	16QAM	3	1	22.64	22.71	23.01				
1.4	16QAM	3	3	22.59	22.88	22.86	23	2		
1.4	16QAM	6	0	21.57	21.64	21.67				
1.4	64QAM	1	0	21.92	21.93	21.87				
1.4	64QAM	1	3	21.82	21.73	21.92				
1.4	64QAM	1	5	21.80	21.92	21.80	23	2		
1.4	64QAM	3	0	21.49	21.75	21.69				
1.4	64QAM	3	1	21.53	21.68	21.70				
1.4	64QAM	3	3	21.98	21.99	21.97				
1.4	64QAM	6	0	20.60	20.59	20.77	22	3		

Band 5_Ant 4												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)				
Channel				20450	20525	20600						
Frequency (MHz)				829	836.5	844						
10	QPSK	1	0	23.63	23.66	23.64	25	0				
10	QPSK	1	25	23.49	23.44	23.50						
10	QPSK	1	49	23.47	23.61	23.57						
10	QPSK	25	0	22.59	22.63	22.55						
10	QPSK	25	12	22.54	22.49	22.50	24	1				
10	QPSK	25	25	22.55	22.56	22.47						
10	QPSK	50	0	22.56	22.60	22.52						
10	16QAM	1	0	22.85	23.05	22.80						
10	16QAM	1	25	22.71	22.81	23.01	24	1				
10	16QAM	1	49	22.88	22.87	22.93						
10	16QAM	25	0	21.57	21.47	21.60						
10	16QAM	25	12	21.62	21.42	21.64						
10	16QAM	25	25	21.61	21.48	21.62	23	2				
10	16QAM	50	0	21.61	21.46	21.61						
10	64QAM	1	0	21.75	21.87	21.80						
10	64QAM	1	25	21.76	21.60	21.66						
10	64QAM	1	49	21.62	21.68	21.94	23	2				
10	64QAM	25	0	20.50	20.51	20.61						
10	64QAM	25	12	20.40	20.46	20.48						
10	64QAM	25	25	20.52	20.58	20.52						
10	64QAM	50	0	20.51	20.51	20.51	22	3				
Channel				20425	20525	20625						
Frequency (MHz)				826.5	836.5	846.5						
5	QPSK	1	0	23.51	23.64	23.58			25	0		
5	QPSK	1	12	23.41	23.42	23.42						
5	QPSK	1	24	23.32	23.59	23.52						
5	QPSK	12	0	22.48	22.58	22.40						
5	QPSK	12	7	22.52	22.46	22.45	24	1				
5	QPSK	12	13	22.40	22.42	22.33						
5	QPSK	25	0	22.54	22.57	22.48						
5	16QAM	1	0	22.84	23.03	22.66						
5	16QAM	1	12	22.58	22.71	22.90	24	1				
5	16QAM	1	24	22.80	22.84	22.92						
5	16QAM	12	0	21.49	21.46	21.53						
5	16QAM	12	7	21.58	21.30	21.53						
5	16QAM	12	13	21.53	21.41	21.61	23	2				
5	16QAM	25	0	21.68	21.39	21.48						
5	64QAM	1	0	21.61	21.61	21.75						
5	64QAM	1	12	21.61	21.56	21.64						
5	64QAM	1	24	21.48	21.59	21.85	23	2				
5	64QAM	12	0	20.40	20.40	20.48						
5	64QAM	12	7	20.34	20.36	20.36						
5	64QAM	12	13	20.40	20.56	20.41						
5	64QAM	25	0	20.42	20.50	20.55	22	3				
Channel				20415	20525	20635						
Frequency (MHz)				825.5	836.5	847.5						
3	QPSK	1	0	23.54	23.64	23.61			25	0		
3	QPSK	1	8	23.35	23.41	23.40						
3	QPSK	1	14	23.41	23.53	23.48						
3	QPSK	8	0	22.53	22.61	22.42						
3	QPSK	8	4	22.43	22.44	22.40	24	1				
3	QPSK	8	7	22.41	22.52	22.40						
3	QPSK	15	0	22.54	22.56	22.44						
3	16QAM	1	0	22.80	22.93	22.73						
3	16QAM	1	8	22.70	22.78	22.89	24	1				
3	16QAM	1	14	22.77	22.83	22.83						
3	16QAM	8	0	21.53	21.37	21.46						
3	16QAM	8	7	21.57	21.37	21.43						
3	16QAM	8	7	21.53	21.37	21.56	23	2				
3	16QAM	15	0	21.59	21.31	21.47						
3	64QAM	1	0	21.63	21.78	21.79						
3	64QAM	1	8	21.65	21.53	21.55						
3	64QAM	1	14	21.55	21.61	21.88	23	2				
3	64QAM	8	0	20.49	20.41	20.60						
3	64QAM	8	4	20.36	20.44	20.36						
3	64QAM	8	7	20.49	20.47	20.40						
3	64QAM	15	0	20.43	20.40	20.40	22	3				
Channel				20407	20525	20643						
Frequency (MHz)				824.7	835.5	846.3						
1.4	QPSK	1	0	23.57	23.56	23.57			25	0		
1.4	QPSK	1	3	23.46	23.42	23.40						
1.4	QPSK	1	5	23.37	23.51	23.43						
1.4	QPSK	3	0	23.54	23.60	23.54						
1.4	QPSK	3	1	23.45	23.29	23.49	24	1				
1.4	QPSK	3	3	23.46	23.54	23.45						
1.4	QPSK	6	0	22.43	22.47	22.39						
1.4	16QAM	1	0	22.78	22.99	22.69						
1.4	16QAM	1	3	22.65	22.69	22.69	24	1				
1.4	16QAM	1	5	22.87	22.71	22.87						
1.4	16QAM	3	0	22.80	23.02	22.79						
1.4	16QAM	3	1	22.66	22.79	22.90						
1.4	16QAM	3	3	22.74	22.72	22.86	23	2				
1.4	16QAM	6	0	21.50	21.37	21.58						
1.4	64QAM	1	0	21.71	21.77	21.67						
1.4	64QAM	1	3	21.62	21.53	21.63						
1.4	64QAM	1	5	21.67	21.67	21.83	23	2				
1.4	64QAM	3	0	21.63	21.85	21.68						
1.4	64QAM	3	1	21.63	21.59	21.67						
1.4	64QAM	3	3	21.60	21.54	21.51						
1.4	64QAM	6	0	20.45	20.42	20.50	22	3				

Band 7_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	21.27	21.38	21.30	22	0		
20	QPSK	1	49	21.19	21.23	21.24				
20	QPSK	1	99	21.26	21.29	21.23				
20	QPSK	50	0	21.26	21.34	21.27	22	0		
20	QPSK	50	24	21.24	21.26	21.23				
20	QPSK	50	50	21.20	21.30	21.24				
20	QPSK	100	0	21.22	21.30	21.26	22	0		
20	16QAM	1	0	21.22	21.29	21.19				
20	16QAM	1	49	21.12	21.32	21.25				
20	16QAM	1	99	21.19	21.35	21.18	22	0		
20	16QAM	50	0	21.18	21.37	21.29				
20	16QAM	50	24	21.22	21.27	21.22				
20	16QAM	50	50	21.17	21.36	21.21	22	0		
20	16QAM	100	0	21.14	21.32	21.18				
20	64QAM	1	0	21.21	21.34	21.29				
20	64QAM	1	49	21.23	21.23	21.27	22	0		
20	64QAM	1	99	21.20	21.24	21.27				
20	64QAM	50	0	20.81	20.76	20.76				
20	64QAM	50	24	20.68	20.82	20.71	21.5	0.5		
20	64QAM	50	50	20.71	20.80	20.70				
20	64QAM	100	0	20.65	20.78	20.72				
Channel				20825	21100	21315	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	21.19	21.37	21.25	22	0		
15	QPSK	1	37	21.17	21.12	21.22				
15	QPSK	1	74	21.14	21.25	21.10				
15	QPSK	36	0	21.19	21.22	21.25	22	0		
15	QPSK	36	20	21.23	21.13	21.11				
15	QPSK	36	39	21.06	21.22	21.19				
15	QPSK	75	0	21.21	21.20	21.12	22	0		
15	16QAM	1	0	21.11	21.23	21.09				
15	16QAM	1	37	21.03	21.22	21.10				
15	16QAM	1	74	21.15	21.34	21.11	22	0		
15	16QAM	36	0	21.03	21.27	21.26				
15	16QAM	36	20	21.13	21.13	21.16				
15	16QAM	36	39	21.04	21.34	21.08	22	0		
15	16QAM	75	0	21.05	21.30	21.08				
15	64QAM	1	0	21.17	21.24	21.22				
15	64QAM	1	37	21.21	21.09	21.26	22	0		
15	64QAM	1	74	21.17	21.11	21.24				
15	64QAM	36	0	20.54	20.68	20.64				
15	64QAM	36	20	20.53	20.75	20.58	21.5	0.5		
15	64QAM	36	39	20.63	20.65	20.62				
15	64QAM	75	0	20.51	20.68	20.60				
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	21.25	21.28	21.29	22	0		
10	QPSK	1	25	21.12	21.19	21.10				
10	QPSK	1	49	21.20	21.16	21.22				
10	QPSK	25	0	21.25	21.21	21.17	22	0		
10	QPSK	25	12	21.18	21.16	21.19				
10	QPSK	25	25	21.06	21.21	21.21				
10	QPSK	50	0	21.16	21.27	21.14	22	0		
10	16QAM	1	0	21.20	21.27	21.13				
10	16QAM	1	25	21.09	21.20	21.19				
10	16QAM	1	49	21.06	21.28	21.03	22	0		
10	16QAM	25	0	21.05	21.35	21.28				
10	16QAM	25	12	21.20	21.15	21.11				
10	16QAM	25	25	21.15	21.22	21.20	22	0		
10	16QAM	50	0	21.03	21.24	21.09				
10	64QAM	1	0	21.12	21.30	21.27				
10	64QAM	1	25	21.15	21.13	21.25	22	0		
10	64QAM	1	49	21.13	21.17	21.21				
10	64QAM	25	0	20.54	20.67	20.71				
10	64QAM	25	12	20.54	20.72	20.67	21.5	0.5		
10	64QAM	25	25	20.59	20.73	20.57				
10	64QAM	50	0	20.55	20.68	20.63				
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	21.19	21.30	21.29	22	0		
5	QPSK	1	12	21.10	21.13	21.17				
5	QPSK	1	24	21.15	21.15	21.19				
5	QPSK	12	0	21.13	21.33	21.16	22	0		
5	QPSK	12	7	21.18	21.25	21.10				
5	QPSK	12	13	21.05	21.19	21.15				
5	QPSK	25	0	21.11	21.21	21.16	22	0		
5	16QAM	1	0	21.17	21.19	21.12				
5	16QAM	1	12	21.07	21.26	21.23				
5	16QAM	1	24	21.18	21.26	21.05	22	0		
5	16QAM	12	0	21.11	21.27	21.27				
5	16QAM	12	7	21.15	21.24	21.08				
5	16QAM	12	13	21.02	21.23	21.19	22	0		
5	16QAM	25	0	21.08	21.20	21.05				
5	64QAM	1	0	21.08	21.22	21.22				
5	64QAM	1	12	21.15	21.18	21.24	22	0		
5	64QAM	1	24	21.17	21.17	21.25				
5	64QAM	12	0	20.47	20.71	20.64				
5	64QAM	12	7	20.57	20.71	20.66	21.5	0.5		
5	64QAM	12	13	20.58	20.73	20.68				
5	64QAM	25	0	20.61	20.64	20.58				

Band 7_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	21.15	21.20	21.12	22	0		
20	QPSK	1	49	21.11	21.10	21.03				
20	QPSK	1	99	21.12	21.14	21.08				
20	QPSK	50	0	21.12	21.18	21.10	22	0		
20	QPSK	50	24	21.07	21.15	21.05				
20	QPSK	50	50	21.09	21.12	21.02				
20	QPSK	100	0	21.05	21.15	21.11	22	0		
20	16QAM	1	0	21.03	21.08	21.08				
20	16QAM	1	49	21.13	21.06	21.11				
20	16QAM	1	99	21.11	21.11	21.01	22	0		
20	16QAM	50	0	21.08	21.08	20.97				
20	16QAM	50	24	21.10	21.10	21.04				
20	16QAM	50	50	21.02	21.06	21.00	22	0		
20	16QAM	100	0	21.05	21.07	21.03				
20	64QAM	1	0	21.12	21.08	21.02				
20	64QAM	1	49	21.00	21.17	21.10	22	0		
20	64QAM	1	99	21.11	21.13	21.11				
20	64QAM	50	0	20.53	20.51	20.43				
20	64QAM	50	24	20.48	20.51	20.45	21.5	0.5		
20	64QAM	50	50	20.58	20.51	20.41				
20	64QAM	100	0	20.54	20.51	20.41				
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	21.02	21.18	21.10	22	0		
15	QPSK	1	37	21.00	20.97	20.94				
15	QPSK	1	74	21.01	21.07	20.99				
15	QPSK	36	0	20.97	21.05	21.09	22	0		
15	QPSK	36	20	21.04	21.09	21.01				
15	QPSK	36	39	20.98	21.02	20.93				
15	QPSK	75	0	20.99	21.03	21.06	22	0		
15	16QAM	1	0	21.02	21.06	21.07				
15	16QAM	1	37	20.98	20.98	21.08				
15	16QAM	1	74	21.01	20.98	20.96	22	0		
15	16QAM	36	0	21.05	21.01	20.84				
15	16QAM	36	20	20.95	21.05	21.02				
15	16QAM	36	39	20.92	20.96	20.99	22	0		
15	16QAM	75	0	20.95	20.99	20.96				
15	64QAM	1	0	21.11	21.09	20.91				
15	64QAM	1	37	20.91	21.05	21.04	22	0		
15	64QAM	1	74	21.06	21.02	21.04				
15	64QAM	36	0	20.48	20.45	20.37				
15	64QAM	36	20	20.41	20.36	20.41	21.5	0.5		
15	64QAM	36	39	20.49	20.36	20.37				
15	64QAM	75	0	20.46	20.43	20.30				
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	21.11	21.11	21.15	22	0		
10	QPSK	1	25	21.00	21.09	21.10				
10	QPSK	1	49	21.11	21.04	20.94				
10	QPSK	25	0	21.02	21.07	20.97	22	0		
10	QPSK	25	12	21.06	21.12	20.93				
10	QPSK	25	25	20.96	20.97	20.91				
10	QPSK	50	0	21.03	21.02	21.08	22	0		
10	16QAM	1	0	20.91	20.93	21.04				
10	16QAM	1	25	21.01	21.03	21.07				
10	16QAM	1	49	21.07	20.96	20.98	22	0		
10	16QAM	25	0	21.04	21.05	20.84				
10	16QAM	25	12	21.07	21.06	20.93				
10	16QAM	25	25	20.89	21.00	20.85	22	0		
10	16QAM	50	0	21.03	20.98	21.02				
10	64QAM	1	0	21.06	20.96	20.95				
10	64QAM	1	25	20.98	21.07	21.02	22	0		
10	64QAM	1	49	20.99	21.09	21.06				
10	64QAM	25	0	20.38	20.48	20.35				
10	64QAM	25	12	20.46	20.37	20.32	21.5	0.5		
10	64QAM	25	25	20.46	21.02	20.28				
10	64QAM	50	0	20.42	20.46	20.31				
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	21.04	21.14	21.10	22	0		
5	QPSK	1	12	21.06	21.05	20.96				
5	QPSK	1	24	20.98	21.01	21.00				
5	QPSK	12	0	21.09	21.07	21.09	22	0		
5	QPSK	12	7	20.97	21.12	21.00				
5	QPSK	12	13	21.01	21.09	20.87				
5	QPSK	25	0	20.94	21.05	21.05	22	0		
5	16QAM	1	0	20.88	21.02	20.95				
5	16QAM	1	12	21.11	21.06	21.09				
5	16QAM	1	24	21.07	21.06	20.96	22	0		
5	16QAM	12	0	21.04	20.95	20.91				
5	16QAM	12	7	20.95	21.01	20.91				
5	16QAM	12	13	20.99	20.94	20.86	22	0		
5	16QAM	25	0	20.91	21.03	20.94				
5	64QAM	1	0	21.10	21.03	20.87				
5	64QAM	1	12	20.87	21.13	21.09	22	0		
5	64QAM	1	24	21.05	21.06	21.02				
5	64QAM	12	0	20.45	20.46	20.38				
5	64QAM	12	7	20.42	20.45	20.36	21.5	0.5		
5	64QAM	12	13	20.47	20.37	20.30				
5	64QAM	25	0	20.44	20.41	20.35				

Band 12_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130	24.5	0		
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	23.66	23.72	23.69				
10	QPSK	1	25	23.60	23.64	23.54	23.5	1		
10	QPSK	1	49	23.62	23.43	23.38				
10	QPSK	25	0	22.95	22.60	22.53				
10	QPSK	25	12	22.51	22.52	22.51	23.5	1		
10	QPSK	25	25	22.53	22.56	22.45				
10	QPSK	50	0	22.53	22.58	22.47				
10	16QAM	1	0	22.95	22.63	22.99	23.5	1		
10	16QAM	1	25	22.94	22.69	22.70				
10	16QAM	1	49	22.99	22.76	22.64				
10	16QAM	25	0	21.52	21.64	21.46	22.5	2		
10	16QAM	25	12	21.43	21.53	21.43				
10	16QAM	25	25	21.60	21.54	21.44				
10	16QAM	50	0	21.56	21.56	21.44	22.5	2		
10	64QAM	1	0	21.75	21.73	21.87				
10	64QAM	1	25	21.85	21.90	21.77				
10	64QAM	1	49	21.71	21.69	21.84	21.5	3		
10	64QAM	25	0	20.53	20.50	20.49				
10	64QAM	25	12	20.58	20.52	20.48				
10	64QAM	25	25	20.51	20.49	20.49	21.5	3		
10	64QAM	50	0	20.53	20.52	20.46				
Channel				23035	23095	23165				
Frequency (MHz)				703.5	707.5	713.5	24.5	0		
5	QPSK	1	0	23.58	23.70	23.67				
5	QPSK	1	12	23.49	23.55	23.49				
5	QPSK	1	24	23.54	23.34	23.28	23.5	1		
5	QPSK	12	0	22.53	22.51	22.50				
5	QPSK	12	7	22.49	22.49	22.37				
5	QPSK	12	13	22.48	22.51	22.31	23.5	1		
5	QPSK	25	0	22.44	22.52	22.42				
5	16QAM	1	0	22.87	22.57	22.90				
5	16QAM	1	12	22.87	22.61	22.67	22.5	1		
5	16QAM	1	24	22.95	22.68	22.52				
5	16QAM	12	0	21.46	21.59	21.41				
5	16QAM	12	7	21.40	21.50	21.29	22.5	2		
5	16QAM	12	13	21.54	21.43	21.29				
5	16QAM	25	0	21.44	21.42	21.37				
5	64QAM	1	0	21.71	21.71	21.81	22.5	2		
5	64QAM	1	12	21.81	21.88	21.74				
5	64QAM	1	24	21.66	21.65	21.71				
5	64QAM	12	0	20.39	20.36	20.40	21.5	3		
5	64QAM	12	7	20.55	20.46	20.35				
5	64QAM	12	13	20.48	20.39	20.48				
5	64QAM	25	0	20.44	20.39	20.42	21.5	3		
Channel				23025	23095	23165				
Frequency (MHz)				700.5	707.5	714.5				
3	QPSK	1	0	23.58	23.63	23.68	24.5	0		
3	QPSK	1	8	23.53	23.59	23.44				
3	QPSK	1	14	23.56	23.35	23.37				
3	QPSK	8	0	22.43	22.59	22.48	23.5	1		
3	QPSK	8	4	22.46	22.42	22.46				
3	QPSK	8	7	22.49	22.55	22.43				
3	QPSK	15	0	22.48	22.49	22.40	23.5	1		
3	16QAM	1	0	22.91	22.57	22.96				
3	16QAM	1	8	22.91	22.65	22.68				
3	16QAM	1	14	22.93	22.66	22.55	22.5	2		
3	16QAM	8	0	21.47	21.53	21.43				
3	16QAM	8	4	21.42	21.46	21.30				
3	16QAM	8	7	21.55	21.43	21.41	22.5	2		
3	16QAM	15	0	21.49	21.50	21.39				
3	64QAM	1	0	21.64	21.67	21.81				
3	64QAM	1	8	21.81	21.83	21.74	21.5	3		
3	64QAM	1	14	21.68	21.66	21.83				
3	64QAM	8	0	20.52	20.40	20.43				
3	64QAM	8	4	20.48	20.48	20.34	21.5	3		
3	64QAM	8	7	20.43	20.41	20.43				
3	64QAM	15	0	20.40	20.49	20.35				
Channel				23017	23095	23173	24.5	0		
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	23.56	23.60	23.67				
1.4	QPSK	1	3	23.57	23.60	23.40	23.5	1		
1.4	QPSK	1	5	23.51	23.41	23.25				
1.4	QPSK	3	0	23.65	23.66	23.67				
1.4	QPSK	3	1	23.53	23.62	23.48	23.5	1		
1.4	QPSK	3	3	23.57	23.42	23.27				
1.4	QPSK	6	0	22.39	22.47	22.43				
1.4	16QAM	1	0	22.93	22.51	22.88	23.5	1		
1.4	16QAM	1	3	22.80	22.55	22.61				
1.4	16QAM	1	5	22.87	22.64	22.50				
1.4	16QAM	3	0	22.89	22.48	22.93	22.5	2		
1.4	16QAM	3	1	22.93	22.59	22.63				
1.4	16QAM	3	3	22.85	22.62	22.56				
1.4	16QAM	6	0	21.52	21.51	21.37	21.5	3		
1.4	64QAM	1	0	21.70	21.69	21.79				
1.4	64QAM	1	3	21.74	21.82	21.67				
1.4	64QAM	1	5	21.59	21.56	21.82	21.5	3		
1.4	64QAM	3	0	21.70	21.63	21.79				
1.4	64QAM	3	1	21.79	21.81	21.72				
1.4	64QAM	3	3	21.63	21.54	21.73	21.5	3		
1.4	64QAM	6	0	20.52	20.45	20.44				

Band 17_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.35	23.40	23.38	24.5	1	
10	QPSK	1	25	23.33	23.36	23.20			
10	QPSK	1	49	23.30	23.23	23.34			
10	QPSK	25	0	22.31	22.33	22.28	23.5	1	
10	QPSK	25	12	22.25	22.31	22.25			
10	QPSK	25	25	22.29	22.21	22.25			
10	QPSK	50	0	22.23	22.25	22.21	23.5	1	
10	16QAM	1	0	22.45	22.25	22.50			
10	16QAM	1	25	22.58	22.41	22.60			
10	16QAM	1	49	22.43	22.42	22.61	22.5	2	
10	16QAM	25	0	21.19	21.21	21.19			
10	16QAM	25	12	21.18	21.32	21.23			
10	16QAM	25	25	21.22	21.27	21.18	22.5	2	
10	16QAM	50	0	21.20	21.29	21.19			
10	64QAM	1	0	21.46	21.32	21.38			
10	64QAM	1	25	21.40	21.52	21.54	21.5	3	
10	64QAM	1	49	21.52	21.34	21.56			
10	64QAM	25	0	20.30	20.16	20.25			
10	64QAM	25	12	20.23	20.22	20.29	21.5	3	
10	64QAM	25	25	20.32	20.22	20.26			
10	64QAM	50	0	20.23	20.20	20.24			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	23.33	23.35	23.24	24.5	0	
5	QPSK	1	12	23.35	23.36	23.09			
5	QPSK	1	24	23.36	23.10	23.23			
5	QPSK	12	0	22.26	22.18	22.22	23.5	1	
5	QPSK	12	7	22.16	22.27	22.18			
5	QPSK	12	13	22.16	22.18	22.22			
5	QPSK	25	0	22.17	22.23	22.12	23.5	1	
5	16QAM	1	0	22.39	22.17	22.48			
5	16QAM	1	12	22.57	22.40	22.52			
5	16QAM	1	24	22.41	22.34	22.46	22.5	2	
5	16QAM	12	0	21.12	21.14	21.07			
5	16QAM	12	7	21.12	21.19	21.11			
5	16QAM	12	13	21.11	21.15	21.09	22.5	2	
5	16QAM	25	0	21.14	21.24	21.12			
5	64QAM	1	0	21.45	21.20	21.35			
5	64QAM	1	12	21.29	21.40	21.44	22.5	2	
5	64QAM	1	24	21.41	21.27	21.54			
5	64QAM	12	0	20.17	20.09	20.13			
5	64QAM	12	7	20.21	20.10	20.28	21.5	3	
5	64QAM	12	13	20.23	20.19	20.24			
5	64QAM	25	0	20.17	20.06	20.13			

Band 26(FCC)_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.82	23.92	23.85	24.5	0	
15	QPSK	1	37	23.72	23.88	23.82			
15	QPSK	1	74	23.77	23.89	23.79			
15	QPSK	36	0	22.77	22.88	22.82	23.5	1	
15	QPSK	36	20	22.71	22.83	22.78			
15	QPSK	36	39	22.74	22.82	22.75			
15	QPSK	75	0	22.71	22.84	22.80	23.5	1	
15	16QAM	1	0	22.99	23.05	23.11			
15	16QAM	1	37	22.80	23.08	22.90			
15	16QAM	1	74	23.00	23.02	23.10	22.5	2	
15	16QAM	36	0	21.65	21.78	21.86			
15	16QAM	36	20	21.76	21.83	21.94			
15	16QAM	36	39	21.76	21.86	21.83	22.5	2	
15	16QAM	75	0	21.75	21.87	21.91			
15	64QAM	1	0	21.90	22.11	22.08			
15	64QAM	1	37	22.08	22.15	22.05	22.5	2	
15	64QAM	1	74	22.13	22.15	22.06			
15	64QAM	36	0	20.77	20.77	20.90			
15	64QAM	36	20	20.74	20.82	20.87	21.5	3	
15	64QAM	36	39	20.82	20.84	20.90			
15	64QAM	75	0	20.73	20.84	20.88			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.75	23.83	23.77	24.5	0	
10	QPSK	1	25	23.64	23.84	23.68			
10	QPSK	1	49	23.63	23.83	23.69			
10	QPSK	25	0	22.68	22.76	22.65	23.5	1	
10	QPSK	25	12	22.68	22.78	22.72			
10	QPSK	25	25	22.73	22.79	22.73			
10	QPSK	50	0	22.59	22.80	22.68	23.5	1	
10	16QAM	1	0	22.95	23.03	23.10			
10	16QAM	1	25	22.70	23.03	22.76			
10	16QAM	1	49	22.90	23.01	23.05	22.5	2	
10	16QAM	25	0	21.52	21.67	21.75			
10	16QAM	25	12	21.69	21.69	21.87			
10	16QAM	25	25	21.65	21.71	21.71	22.5	2	
10	16QAM	50	0	21.74	21.73	21.88			
10	64QAM	1	0	21.89	22.04	22.00			
10	64QAM	1	25	21.98	21.92	21.97	22.5	2	
10	64QAM	1	49	22.00	22.05	22.03			
10	64QAM	25	0	20.70	20.62	20.80			
10	64QAM	25	12	20.61	20.70	20.84	21.5	3	
10	64QAM	25	25	20.71	20.79	20.85			
10	64QAM	50	0	20.65	20.77	20.74			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.79	23.90	23.77	24.5	0	
5	QPSK	1	12	23.70	23.86	23.81			
5	QPSK	1	24	23.75	23.81	23.66			
5	QPSK	12	0	22.63	22.78	22.72	23.5	1	
5	QPSK	12	7	22.61	22.68	22.66			
5	QPSK	12	13	22.71	22.68	22.71			
5	QPSK	25	0	22.61	22.82	22.78	23.5	1	
5	16QAM	1	0	22.96	22.95	23.05			
5	16QAM	1	12	22.69	22.99	22.75			
5	16QAM	1	24	22.91	22.92	23.06	22.5	2	
5	16QAM	12	0	21.60	21.64	21.80			
5	16QAM	12	7	21.67	21.68	21.89			
5	16QAM	12	13	21.71	21.85	21.79	22.5	2	
5	16QAM	25	0	21.66	21.76	21.89			
5	64QAM	1	0	21.76	22.00	22.05			
5	64QAM	1	12	22.04	21.81	21.94	22.5	2	
5	64QAM	1	24	22.05	22.09	22.04			
5	64QAM	12	0	20.67	20.72	20.85			
5	64QAM	12	7	20.73	20.79	20.78	21.5	3	
5	64QAM	12	13	20.74	20.78	20.80			
5	64QAM	25	0	20.72	20.83	20.80			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.72	23.84	23.73	24.5	0	
3	QPSK	1	8	23.61	23.82	23.72			
3	QPSK	1	14	23.70	23.88	23.73			
3	QPSK	8	0	22.75	22.85	22.71	23.5	1	
3	QPSK	8	4	22.63	22.76	22.75			
3	QPSK	8	7	22.59	22.69	22.68			
3	QPSK	15	0	22.70	22.80	22.76	23.5	1	
3	16QAM	1	0	22.85	23.03	23.09			
3	16QAM	1	8	22.67	22.96	22.85			
3	16QAM	1	14	22.85	22.88	22.92	22.5	2	
3	16QAM	8	0	21.50	21.63	21.79			
3	16QAM	8	4	21.69	21.68	21.93			
3	16QAM	8	7	21.66	21.73	21.76	22.5	2	
3	16QAM	15	0	21.63	21.73	21.78			
3	64QAM	1	0	21.82	21.98	21.99			
3	64QAM	1	8	21.98	21.84	21.95	22.5	2	
3	64QAM	1	14	22.00	22.08	22.00			
3	64QAM	8	0	20.62	20.62	20.78			
3	64QAM	8	4	20.61	20.81	20.78	21.5	3	
3	64QAM	8	7	20.71	20.74	20.80			
3	64QAM	15	0	20.72	20.73	20.84			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.73	23.80	23.77	24.5	0	
1.4	QPSK	1	3	23.59	23.79	23.73			
1.4	QPSK	1	5	23.65	23.74	23.75			
1.4	QPSK	3	0	23.72	23.77	23.75	23.5	1	
1.4	QPSK	3	1	23.63	23.78	23.72			
1.4	QPSK	3	3	23.63	23.82	23.77			
1.4	QPSK	6	0	22.64	22.70	22.76	23.5	1	
1.4	16QAM	1	0	22.87	23.02	23.03			
1.4	16QAM	1	3	22.65	22.94	22.88			
1.4	16QAM	1	5	22.99	22.89	22.97	23.5	1	
1.4	16QAM	3	0	22.95	22.94	23.10			
1.4	16QAM	3	1	22.68	23.03	22.79			
1.4	16QAM	3	3	22.94	22.93	23.07	22.5	2	
1.4	16QAM	6	0	21.71	21.75	21.81			
1.4	64QAM	1	0	21.81	21.97	22.04			
1.4	64QAM	1	3	22.00	21.87	22.00	22.5	2	
1.4	64QAM	1	5	22.01	22.08	22.01			
1.4	64QAM	3	0	21.89	22.07	21.98			
1.4	64QAM	3	1	21.94	21.87	21.93	21.5	3	
1.4	64QAM	3	3	22.10	22.09	21.97			
1.4	64QAM	6	0	20.68	20.73	20.80			

Band 26(FCC)_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.72	23.75	23.69	24.5	0	
15	QPSK	1	37	23.47	23.57	23.58			
15	QPSK	1	74	23.46	23.55	23.66			
15	QPSK	36	0	22.62	22.66	22.55	23.5	1	
15	QPSK	36	20	22.60	22.51	22.53			
15	QPSK	36	39	22.53	22.46	22.48			
15	QPSK	75	0	22.60	22.62	22.58	23.5	1	
15	16QAM	1	0	23.72	23.75	23.69			
15	16QAM	1	37	23.00	22.97	22.93			
15	16QAM	1	74	22.85	22.98	22.82	22.5		
15	16QAM	36	0	21.64	21.53	21.45			
15	16QAM	36	20	21.67	21.47	21.51			
15	16QAM	36	39	21.53	21.47	21.55	21.5	3	
15	16QAM	75	0	21.57	21.48	21.59			
15	16QAM	1	0	21.63	21.37	21.52			
15	16QAM	1	37	21.62	21.60	21.57	22.5	2	
15	16QAM	1	74	21.59	21.56	21.60			
15	16QAM	36	0	20.60	20.52	20.54			
15	16QAM	36	20	20.60	20.49	20.57	21.5	3	
15	16QAM	36	39	20.51	20.55	20.58			
15	16QAM	75	0	20.55	20.48	20.57			
Channel				26740	26865	26990	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.69	23.67	23.63	24.5	0	
10	QPSK	1	25	23.40	23.54	23.55			
10	QPSK	1	49	23.33	23.44	23.65			
10	QPSK	25	0	22.57	22.46	22.46	23.5	1	
10	QPSK	25	12	22.57	22.44	22.51			
10	QPSK	25	25	22.42	22.37	22.36			
10	QPSK	50	0	22.56	22.55	22.46	23.5	1	
10	16QAM	1	0	22.71	22.88	22.88			
10	16QAM	1	25	22.92	22.82	22.78			
10	16QAM	1	49	22.77	22.82	22.81	22.5	2	
10	16QAM	25	0	21.49	21.52	21.38			
10	16QAM	25	12	21.49	21.36	21.44			
10	16QAM	25	25	21.52	21.52	21.44	21.5	3	
10	16QAM	50	0	21.42	21.47	21.49			
10	16QAM	1	0	21.51	21.33	21.41			
10	16QAM	1	25	21.52	21.48	21.42	22.5	2	
10	16QAM	1	49	21.56	21.51	21.45			
10	16QAM	25	0	20.45	20.47	20.46			
10	16QAM	25	12	20.49	20.35	20.43	21.5	3	
10	16QAM	25	25	20.42	20.50	20.46			
10	16QAM	50	0	20.42	20.50	20.46			
Channel				26715	26865	27015	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				810.5	831.5	840.5			
5	QPSK	1	0	23.71	23.71	23.63	24.5	0	
5	QPSK	1	12	23.36	23.52	23.57			
5	QPSK	1	24	23.32	23.46	23.64			
5	QPSK	12	0	22.58	22.64	22.52	23.5	1	
5	QPSK	12	7	22.45	22.41	22.50			
5	QPSK	12	13	22.50	22.31	22.40			
5	QPSK	25	0	22.51	22.49	22.56	23.5	1	
5	16QAM	1	0	22.62	22.97	22.90			
5	16QAM	1	12	22.96	22.92	22.87			
5	16QAM	1	24	22.79	22.95	22.76	22.5	2	
5	16QAM	12	0	21.55	21.39	21.43			
5	16QAM	12	7	21.55	21.40	21.48			
5	16QAM	12	13	21.43	21.45	21.51	22.5	2	
5	16QAM	25	0	21.43	21.45	21.45			
5	16QAM	1	0	21.51	21.24	21.43			
5	16QAM	1	12	21.49	21.52	21.43	22.5	2	
5	16QAM	1	24	21.49	21.48	21.49			
5	16QAM	12	0	20.59	20.38	20.39			
5	16QAM	12	7	20.59	20.34	20.43	21.5	3	
5	16QAM	12	13	20.39	20.46	20.48			
5	16QAM	25	0	20.50	20.46	20.55			
Channel				26705	26865	27025	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.61	23.63	23.56	24.5	0	
3	QPSK	1	8	23.32	23.48	23.46			
3	QPSK	1	14	23.34	23.53	23.58			
3	QPSK	8	0	22.56	22.51	22.54	23.5	1	
3	QPSK	8	4	22.46	22.41	22.39			
3	QPSK	8	7	22.42	22.32	22.41			
3	QPSK	15	0	22.49	22.56	22.49	23.5	1	
3	16QAM	1	0	22.68	22.92	22.91			
3	16QAM	1	8	22.99	22.87	22.94			
3	16QAM	1	14	22.84	22.92	22.74	22.5	2	
3	16QAM	8	0	21.53	21.40	21.42			
3	16QAM	8	4	21.55	21.45	21.36			
3	16QAM	8	7	21.41	21.42	21.42	22.5	2	
3	16QAM	15	0	21.44	21.37	21.45			
3	16QAM	1	0	21.48	21.31	21.51			
3	16QAM	1	8	21.56	21.56	21.44	21.5	3	
3	16QAM	1	14	21.46	21.53	21.49			
3	16QAM	8	0	20.48	20.49	20.47			
3	16QAM	8	4	20.46	20.47	20.49	21.5	3	
3	16QAM	8	7	20.42	20.53	20.55			
3	16QAM	15	0	20.44	20.37	20.52			
Channel				26697	26865	27033	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				812.7	831.5	849.3			
1.4	QPSK	1	0	23.71	23.71	23.67	24.5	0	
1.4	QPSK	1	3	23.46	23.55	23.46			
1.4	QPSK	1	5	23.39	23.47	23.54			
1.4	QPSK	3	0	23.58	23.66	23.59	23.5	1	
1.4	QPSK	3	1	23.46	23.56	23.46			
1.4	QPSK	3	2	23.43	23.50	23.53			
1.4	QPSK	6	0	22.55	22.53	22.55	23.5	1	
1.4	16QAM	1	0	22.65	22.98	22.95			
1.4	16QAM	1	3	22.99	22.94	22.80			
1.4	16QAM	1	5	22.75	22.86	22.81	23.5	1	
1.4	16QAM	3	0	22.66	22.88	22.91			
1.4	16QAM	3	1	22.90	22.87	22.90			
1.4	16QAM	3	3	22.84	22.89	22.74	22.5	2	
1.4	16QAM	6	0	21.55	21.36	21.46			
1.4	16QAM	1	0	21.53	21.29	21.42			
1.4	16QAM	1	3	21.57	21.59	21.55	22.5	2	
1.4	16QAM	5	0	21.58	21.55	21.48			
1.4	16QAM	3	3	21.51	21.51	21.39			
1.4	16QAM	3	1	21.53	21.54	21.52	21.5	3	
1.4	16QAM	3	3	21.51	21.41	21.55			
1.4	16QAM	6	0	20.48	20.43	20.49			

Band 66_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				132072	132322	132572				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	23.47	23.48	23.45	24.5	0		
20	QPSK	1	49	23.38	23.39	23.40				
20	QPSK	1	99	23.11	23.29	23.21				
20	QPSK	50	0	22.45	22.46	22.38	23.5	1		
20	QPSK	50	24	22.44	22.39	22.34				
20	QPSK	50	50	22.37	22.31	22.35				
20	QPSK	100	0	22.35	22.43	22.33	23.5	1		
20	16QAM	1	0	22.58	22.46	22.66				
20	16QAM	1	49	22.65	22.30	22.60				
20	16QAM	1	99	22.40	22.46	22.57	22.5	2		
20	16QAM	50	0	21.41	21.42	21.41				
20	16QAM	50	24	21.47	21.42	21.30				
20	16QAM	50	50	21.32	21.32	21.30	22.5	2		
20	16QAM	100	0	21.38	21.33	21.31				
20	64QAM	1	0	21.51	21.58	21.53				
20	64QAM	1	49	21.71	21.70	21.60	22.5	2		
20	64QAM	1	99	21.50	21.49	21.55				
20	64QAM	50	0	20.49	20.42	20.39				
20	64QAM	50	24	20.40	20.39	20.37	21.5	3		
20	64QAM	50	50	20.35	20.37	20.38				
20	64QAM	100	0	20.37	20.36	20.40				
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	23.38	23.36	23.42	24.5	0		
15	QPSK	1	37	23.34	23.33	23.30				
15	QPSK	1	74	23.04	23.18	23.16				
15	QPSK	36	0	22.33	22.32	22.32	23.5	1		
15	QPSK	36	20	22.34	22.36	22.32				
15	QPSK	36	39	22.34	22.29	22.20				
15	QPSK	75	0	22.31	22.40	22.39	23.5	1		
15	16QAM	1	0	22.47	22.33	22.56				
15	16QAM	1	37	22.55	22.15	22.58				
15	16QAM	1	74	22.35	22.45	22.53	22.5	2		
15	16QAM	36	0	21.29	21.35	21.26				
15	16QAM	36	20	21.46	21.30	21.15				
15	16QAM	36	39	21.30	21.29	21.29	22.5	2		
15	16QAM	75	0	21.33	21.20	21.29				
15	64QAM	1	0	21.37	21.48	21.40				
15	64QAM	1	37	21.63	21.55	21.46	22.5	2		
15	64QAM	1	74	21.41	21.44	21.52				
15	64QAM	36	0	20.34	20.33	20.36				
15	64QAM	36	20	20.33	20.25	20.22	21.5	3		
15	64QAM	36	39	20.23	20.31	20.27				
15	64QAM	75	0	20.32	20.25	20.29				
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	23.36	23.39	23.31	24.5	0		
10	QPSK	1	25	23.31	23.36	23.32				
10	QPSK	1	49	23.07	23.14	23.17				
10	QPSK	25	0	22.44	22.33	22.27	23.5	1		
10	QPSK	25	12	22.30	22.36	22.28				
10	QPSK	25	25	22.24	22.26	22.34				
10	QPSK	50	0	22.32	22.36	22.18	23.5	1		
10	16QAM	1	0	22.48	22.43	22.55				
10	16QAM	1	25	22.54	22.15	22.54				
10	16QAM	1	49	22.37	22.45	22.45	22.5	2		
10	16QAM	25	0	21.34	21.40	21.30				
10	16QAM	25	12	21.39	21.41	21.24				
10	16QAM	25	25	21.28	21.36	21.29	22.5	2		
10	16QAM	50	0	21.27	21.29	21.20				
10	64QAM	1	0	21.46	21.55	21.44				
10	64QAM	1	25	21.62	21.61	21.54	22.5	2		
10	64QAM	1	49	21.39	21.40	21.48				
10	64QAM	25	0	20.44	20.35	20.31				
10	64QAM	25	12	20.39	20.24	20.36	21.5	3		
10	64QAM	25	25	20.25	20.28	20.23				
10	64QAM	50	0	20.34	20.27	20.20				
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1772.5				
5	QPSK	1	0	23.33	23.33	23.43	24.5	0		
5	QPSK	1	12	23.24	23.29	23.36				
5	QPSK	1	24	23.05	23.19	23.17				
5	QPSK	12	0	22.34	22.34	22.24	23.5	1		
5	QPSK	12	7	22.41	22.24	22.25				
5	QPSK	12	13	22.32	22.25	22.26				
5	QPSK	25	0	22.24	22.39	22.19	23.5	1		
5	16QAM	1	0	22.51	22.39	22.56				
5	16QAM	1	12	22.59	22.26	22.48				
5	16QAM	1	24	22.27	22.40	22.55	22.5	2		
5	16QAM	12	0	21.29	21.27	21.31				
5	16QAM	12	7	21.45	21.39	21.26				
5	16QAM	12	13	21.21	21.30	21.27	22.5	2		
5	16QAM	25	0	21.25	21.23	21.25				
5	64QAM	1	0	21.46	21.48	21.49				
5	64QAM	1	12	21.61	21.66	21.53	22.5	2		
5	64QAM	1	24	21.38	21.37	21.40				
5	64QAM	12	0	20.46	20.29	20.27				
5	64QAM	12	7	20.29	20.34	20.24	21.5	3		
5	64QAM	12	13	20.21	20.22	20.25				
5	64QAM	25	0	20.33	20.35	20.32				
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	23.42	23.37	23.39	24.5	0		
3	QPSK	1	8	23.24	23.34	23.33				
3	QPSK	1	14	23.10	23.16	23.07				
3	QPSK	8	0	22.36	22.33	22.28	23.5	1		
3	QPSK	8	4	22.31	22.25	22.24				
3	QPSK	8	7	22.31	22.21	22.25				
3	QPSK	15	0	22.29	22.30	22.23	23.5	1		
3	16QAM	1	0	22.49	22.35	22.52				
3	16QAM	1	8	22.63	22.25	22.55				
3	16QAM	1	14	22.25	22.42	22.42	22.5	2		
3	16QAM	8	0	21.26	21.38	21.31				
3	16QAM	8	4	21.35	21.28	21.24				
3	16QAM	8	7	21.32	21.31	21.17	22.5	2		
3	16QAM	15	0	21.34	21.29	21.23				
3	64QAM	1	0	21.40	21.49	21.44				
3	64QAM	1	8	21.58	21.58	21.53	22.5	2		
3	64QAM	1	14	21.36	21.35	21.51				
3	64QAM	8	0	20.48	20.41	20.29				
3	64QAM	8	4	20.29	20.36	20.30	21.5	3		
3	64QAM	8	7	20.34	20.30	20.23				
3	64QAM	15	0	20.26	20.25	20.30				
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1745	1779.3				
1.4	QPSK	1	0	23.41	23.38	23.39	24.5	0		
1.4	QPSK	1	3	23.30	23.33	23.38				
1.4	QPSK	1	3	23.30	23.33	23.38				
1.4	QPSK	3	0	23.41	23.45	23.36	23.5	1		
1.4	QPSK	3	1	23.32	23.24	23.35				
1.4	QPSK	3	3	22.97	23.26	23.15				
1.4	QPSK	6	0	22.29	22.29	22.20	23.5	1		
1.4	16QAM	1	0	22.53	22.42	22.56				
1.4	16QAM	1	3	22.52	22.15	22.55				
1.4	16QAM	1	5	22.51	22.36	22.54	23.5	1		
1.4	16QAM	3	0	22.45	22.40	22.65				
1.4	16QAM	3	1	22.55	22.26	22.58				
1.4	16QAM	3	3	22.35	22.39	22.42	22.5	2		
1.4	16QAM	6	0	21.24	21.29	21.23				
1.4	64QAM	1	0	21.43	21.45	21.41				
1.4	64QAM	1	3	21.68	21.69	21.54	22.5	2		
1.4	64QAM	1	5	21.38	21.41	21.44				
1.4	64QAM	3	0	21.47	21.57	21.52				
1.4	64QAM	3	1	21.64	21.58	21.44	21.5	3		
1.4	64QAM	3	3	21.38	21.47	21.49				
1.4	64QAM	6	0	20.29	20.27	20.34				

LTE Band 71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.62	23.69	23.55	24.5	0	
20	QPSK	1	49	23.49	23.50	23.53			
20	QPSK	1	99	23.58	23.59	23.47			
20	QPSK	50	0	22.69	22.71	22.57	23.5	1	
20	QPSK	50	24	22.64	22.63	22.53			
20	QPSK	50	50	22.61	22.64	22.55			
20	QPSK	100	0	22.61	22.69	22.53	23.5	1	
20	16QAM	1	0	22.85	22.92	22.84			
20	16QAM	1	49	22.82	22.88	22.74			
20	16QAM	1	99	22.77	22.79	22.69	22.5	2	
20	16QAM	50	0	21.75	21.62	21.52			
20	16QAM	50	24	21.63	21.59	21.59			
20	16QAM	50	50	21.65	21.62	21.54	22.5	2	
20	16QAM	100	0	21.65	21.57	21.52			
20	64QAM	1	0	21.69	21.73	21.73			
20	64QAM	1	49	21.87	21.71	21.66	22.5	2	
20	64QAM	1	99	21.63	21.72	21.62			
20	64QAM	50	0	20.68	20.62	20.51			
20	64QAM	50	24	20.66	20.64	20.61	21.5	3	
20	64QAM	50	50	20.69	20.64	20.58			
20	64QAM	100	0	20.64	20.64	20.55			
Channel				133197	133297	133397	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.51	23.45	23.48	24.5	0	
15	QPSK	1	37	23.36	23.33	23.48			
15	QPSK	1	74	23.50	23.51	23.25			
15	QPSK	36	0	22.50	22.54	22.52	23.5	1	
15	QPSK	36	20	22.48	22.45	22.30			
15	QPSK	36	39	22.44	22.54	22.41			
15	QPSK	75	0	22.43	22.61	22.42	23.5	1	
15	16QAM	1	0	22.64	22.79	22.79			
15	16QAM	1	37	22.76	22.69	22.50			
15	16QAM	1	74	22.53	22.56	22.46	22.5	2	
15	16QAM	36	0	21.57	21.49	21.35			
15	16QAM	36	20	21.45	21.54	21.47			
15	16QAM	36	39	21.51	21.56	21.41	22.5	2	
15	16QAM	75	0	21.46	21.42	21.30			
15	64QAM	1	0	21.53	21.62	21.61			
15	64QAM	1	37	21.62	21.55	21.53	22.5	2	
15	64QAM	1	74	21.54	21.63	21.51			
15	64QAM	36	0	20.44	20.37	20.44			
15	64QAM	36	20	20.50	20.54	20.50	21.5	3	
15	64QAM	36	39	20.53	20.43	20.39			
15	64QAM	75	0	20.52	20.41	20.35			
Channel				133172	133297	133422	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	0	23.56	23.47	23.48	24.5	0	
10	QPSK	1	25	23.27	23.32	23.42			
10	QPSK	1	49	23.34	23.51	23.27			
10	QPSK	25	0	22.51	22.63	22.49	23.5	1	
10	QPSK	25	12	22.46	22.41	22.46			
10	QPSK	25	25	22.36	22.55	22.35			
10	QPSK	50	0	22.41	22.47	22.44	23.5	1	
10	16QAM	1	0	22.79	22.69	22.77			
10	16QAM	1	25	22.73	22.70	22.57			
10	16QAM	1	49	22.53	22.64	22.48	22.5	2	
10	16QAM	25	0	21.52	21.53	21.36			
10	16QAM	25	12	21.43	21.36	21.39			
10	16QAM	25	25	21.53	21.54	21.40	22.5	2	
10	16QAM	50	0	21.59	21.49	21.32			
10	64QAM	1	0	21.55	21.59	21.62			
10	64QAM	1	25	21.79	21.64	21.50	22.5	2	
10	64QAM	1	49	21.49	21.51	21.55			
10	64QAM	25	0	20.54	20.39	20.35			
10	64QAM	25	12	20.41	20.42	20.50	21.5	3	
10	64QAM	25	25	20.50	20.50	20.44			
10	64QAM	50	0	20.54	20.46	20.45			
Channel				133147	133297	133447	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	23.53	23.56	23.34	24.5	0	
5	QPSK	1	12	23.43	23.45	23.48			
5	QPSK	1	24	23.43	23.43	23.42			
5	QPSK	12	0	22.63	22.51	22.36	23.5	1	
5	QPSK	12	7	22.44	22.47	22.44			
5	QPSK	12	13	22.41	22.53	22.37			
5	QPSK	25	0	22.47	22.62	22.29	23.5	1	
5	16QAM	1	0	22.76	22.76	22.60			
5	16QAM	1	12	22.66	22.78	22.62			
5	16QAM	1	24	22.71	22.54	22.47	22.5	1	
5	16QAM	12	0	21.50	21.46	21.45			
5	16QAM	12	7	21.46	21.53	21.47			
5	16QAM	12	13	21.60	21.50	21.43	22.5	2	
5	16QAM	25	0	21.49	21.48	21.39			
5	64QAM	1	0	21.60	21.59	21.50			
5	64QAM	1	12	21.74	21.46	21.52	22.5	2	
5	64QAM	1	24	21.51	21.56	21.46			
5	64QAM	12	0	20.63	20.47	20.35			
5	64QAM	12	7	20.56	20.50	20.37	21.5	3	
5	64QAM	12	13	20.44	20.59	20.35			
5	64QAM	25	0	20.57	20.58	20.47			

Band 38_Ant 1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq)	Power Middle Ch. (Freq)	Power High Ch. (Freq)	Tune-up limit (dBm)	MPR (dB)			
Channel				37850	38000	38150					
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	21.30	21.35	21.27	22.5	0			
20	QPSK	1	49	21.22	21.31	21.17					
20	QPSK	1	99	21.27	21.28	21.14					
20	QPSK	36	0	21.15	21.16	21.03					
20	QPSK	50	24	21.15	21.20	21.15	22.5	0			
20	QPSK	50	50	21.23	21.24	21.19					
20	QPSK	100	0	21.22	21.27	21.20					
20	16QAM	1	0	21.15	21.28	21.14					
20	16QAM	1	49	21.26	21.28	21.23	22.5	0			
20	16QAM	1	99	21.17	21.30	21.18					
20	16QAM	50	0	21.24	21.20	21.12					
20	16QAM	50	24	21.28	21.21	21.21					
20	16QAM	50	50	21.17	21.24	21.12	22.5	0			
20	16QAM	100	0	21.16	21.22	21.17					
20	64QAM	1	0	20.74	20.84	20.90					
20	64QAM	1	49	20.95	21.05	21.06	22.5	0			
20	64QAM	1	99	21.01	20.99	21.12					
20	64QAM	50	0	20.15	20.15	20.21					
20	64QAM	50	24	20.15	20.22	20.31					
20	64QAM	50	50	20.23	20.26	20.40	21.5	1			
20	64QAM	100	0	20.18	20.21	20.29					
Channel				37775	38000	38225					
Frequency (MHz)				2572.5	2595	2617.5					
15	QPSK	1	0	21.20	21.34	21.26	22.5	0			
15	QPSK	1	37	21.07	21.16	21.06					
15	QPSK	1	74	21.17	21.22	21.06					
15	QPSK	36	0	21.15	21.19	21.20					
15	QPSK	36	20	21.11	21.18	21.10	22.5	0			
15	QPSK	36	39	21.10	21.23	21.05					
15	QPSK	75	0	21.07	21.23	21.08					
15	16QAM	1	0	21.02	21.15	21.10					
15	16QAM	1	37	21.02	21.13	21.10	22.5	0			
15	16QAM	1	74	21.11	21.19	21.16					
15	16QAM	36	0	21.20	21.08	21.11					
15	16QAM	36	20	21.26	21.18	21.13					
15	16QAM	36	39	21.03	21.14	20.99	22.5	0			
15	16QAM	75	0	21.09	21.14	21.13					
15	64QAM	1	0	20.64	20.70	20.89					
15	64QAM	1	37	20.88	20.92	20.99					
15	64QAM	1	74	20.94	20.96	21.09	21.5	1			
15	64QAM	36	0	20.07	20.10	20.15					
15	64QAM	36	20	20.01	20.15	20.21					
15	64QAM	36	39	20.16	20.12	20.33					
15	64QAM	75	0	20.13	20.18	20.26	Tune-up limit (dBm)		MPR (dB)		
Channel				37750	38000	38250					
Frequency (MHz)				2575	2595	2615					
10	QPSK	1	0	21.29	21.27	21.14	22.5	0			
10	QPSK	1	25	21.18	21.20	21.05					
10	QPSK	1	49	21.17	21.13	21.11					
10	QPSK	25	0	21.17	21.29	21.13					
10	QPSK	25	12	21.12	21.05	21.02	22.5	0			
10	QPSK	25	25	21.12	21.22	21.16					
10	QPSK	50	0	21.11	21.26	21.17					
10	16QAM	1	0	21.07	21.25	21.06					
10	16QAM	1	25	21.17	21.19	21.22	22.5	0			
10	16QAM	1	49	21.02	21.21	21.10					
10	16QAM	25	0	21.12	21.15	21.01					
10	16QAM	25	12	21.21	21.14	21.06					
10	16QAM	25	25	21.16	21.12	21.06	22.5	0			
10	16QAM	50	0	21.03	21.11	21.09					
10	64QAM	1	0	20.61	20.63	20.78					
10	64QAM	1	25	20.92	20.96	21.05					
10	64QAM	1	49	20.91	20.86	21.03	21.5	1			
10	64QAM	25	0	20.10	20.14	20.19					
10	64QAM	25	12	20.02	20.12	20.25					
10	64QAM	25	25	20.16	20.20	20.36					
10	64QAM	50	0	20.07	20.10	20.27	Tune-up limit (dBm)		MPR (dB)		
Channel				37775	38000	38225					
Frequency (MHz)				2572.5	2595	2617.5					
5	QPSK	1	0	21.27	21.20	21.21	22.5	0			
5	QPSK	1	12	21.13	21.16	21.14					
5	QPSK	1	24	21.22	21.15	21.07					
5	QPSK	12	0	21.20	21.16	21.18					
5	QPSK	12	7	21.07	21.08	21.03	22.5	0			
5	QPSK	12	13	21.13	21.19	21.08					
5	QPSK	25	0	21.15	21.18	21.11					
5	16QAM	1	0	21.00	21.26	21.03					
5	16QAM	1	12	21.12	21.26	21.08	22.5	0			
5	16QAM	1	24	21.02	21.19	21.17					
5	16QAM	12	0	21.23	21.06	21.01					
5	16QAM	12	7	21.15	21.19	21.12					
5	16QAM	12	13	21.08	21.13	21.06	22.5	0			
5	16QAM	25	0	21.09	21.07	21.12					
5	64QAM	1	0	20.62	20.61	20.86					
5	64QAM	1	12	20.63	21.03	20.95					
5	64QAM	1	24	20.94	20.96	21.07	21.5	1			
5	64QAM	12	0	20.12	20.12	20.20					
5	64QAM	12	7	20.07	20.07	20.16					
5	64QAM	12	13	20.12	20.19	20.29					
5	64QAM	25	0	20.04	20.19	20.23	Tune-up limit (dBm)		MPR (dB)		

Band 38_Ant 2											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)			
Channel				37850	38000	38150					
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	21.60	21.70	21.55	22.5	0			
20	QPSK	1	49	21.58	21.67	21.62					
20	QPSK	1	99	21.45	21.67	21.54					
20	QPSK	50	0	21.65	21.67	21.63					
20	QPSK	50	24	21.53	21.65	21.59	22.5	0			
20	QPSK	50	50	21.53	21.60	21.62					
20	QPSK	100	0	21.56	21.65	21.63					
20	16QAM	1	0	21.52	21.64	21.55					
20	16QAM	1	49	21.53	21.69	21.52	22.5	0			
20	16QAM	1	99	21.50	21.61	21.53					
20	16QAM	50	0	21.59	21.65	21.51					
20	16QAM	50	24	21.48	21.68	21.60					
20	16QAM	50	50	21.35	21.56	21.54	22.5	0			
20	16QAM	100	0	21.47	21.64	21.55					
20	64QAM	1	0	21.35	21.32	21.30					
20	64QAM	1	49	21.30	21.42	21.41	22.5	0			
20	64QAM	1	99	21.43	21.38	21.17					
20	64QAM	50	0	20.56	20.61	20.60					
20	64QAM	50	24	20.59	20.61	20.57					
20	64QAM	50	50	20.63	20.65	20.55	21.5	1			
20	64QAM	100	0	20.60	20.61	20.57					
Channel				37850	38000	38175					
Frequency (MHz)				2572.5	2595	2612.5					
15	QPSK	1	0	21.52	21.69	21.62	22.5	0			
15	QPSK	1	37	21.46	21.54	21.57					
15	QPSK	1	74	21.37	21.63	21.43					
15	QPSK	36	0	21.50	21.65	21.54					
15	QPSK	36	20	21.35	21.51	21.48	22.5	0			
15	QPSK	36	39	21.38	21.48	21.49					
15	QPSK	75	0	21.42	21.57	21.62					
15	16QAM	1	0	21.40	21.54	21.46	22.5	0			
15	16QAM	1	49	21.38	21.61	21.47					
15	16QAM	1	74	21.42	21.60	21.51					
15	16QAM	36	0	21.56	21.63	21.41					
15	16QAM	36	20	21.43	21.64	21.57	22.5	0			
15	16QAM	36	39	21.42	21.54	21.47					
15	16QAM	75	0	21.39	21.51	21.40					
15	64QAM	1	0	21.33	21.22	21.27	22.5	0			
15	64QAM	1	37	21.17	21.29	21.27					
15	64QAM	1	74	21.34	21.21	21.27					
15	64QAM	36	0	20.45	20.51	20.56					
15	64QAM	36	20	20.57	20.60	20.44	21.5	1			
15	64QAM	36	39	20.58	20.64	20.41					
15	64QAM	75	0	20.55	20.56	20.56					
Channel				37775	38000	38225					
Frequency (MHz)				2572.5	2595	2617.5					
10	QPSK	1	0	21.59	21.64	21.59	22.5	0			
10	QPSK	1	25	21.56	21.62	21.54					
10	QPSK	1	49	21.31	21.53	21.39					
10	QPSK	12	0	21.51	21.61	21.51					
10	QPSK	25	12	21.47	21.64	21.55	22.5	0			
10	QPSK	25	25	21.50	21.53	21.55					
10	QPSK	50	0	21.46	21.62	21.60					
10	16QAM	1	0	21.38	21.56	21.43	22.5	0			
10	16QAM	1	25	21.38	21.66	21.41					
10	16QAM	1	49	21.48	21.52	21.47					
10	16QAM	25	0	21.58	21.67	21.37					
10	16QAM	25	12	21.47	21.61	21.47	22.5	0			
10	16QAM	25	25	21.52	21.63	21.49					
10	16QAM	50	0	21.63	21.58	21.49					
10	16QAM	50	12	21.42	21.54	21.42	21.5	1			
10	16QAM	50	25	20.54	20.58	20.48					
10	16QAM	50	50	20.54	20.58	20.52					
Channel				37775	38000	38225					
Frequency (MHz)				2572.5	2595	2617.5					
5	QPSK	1	0	21.46	21.69	21.56	22.5	0			
5	QPSK	1	12	21.50	21.63	21.48					
5	QPSK	1	24	21.37	21.66	21.44					
5	QPSK	12	0	21.45	21.58	21.54					
5	QPSK	12	7	21.61	21.62	21.44	22.5	0			
5	QPSK	12	13	21.51	21.45	21.48					
5	QPSK	25	0	21.52	21.61	21.62					
5	16QAM	1	0	21.38	21.56	21.43	22.5	0			
5	16QAM	1	12	21.47	21.62	21.44					
5	16QAM	12	0	21.51	21.63	21.49					
5	16QAM	12	7	21.42	21.54	21.39					
5	16QAM	12	13	21.46	21.52	21.46	22.5	0			
5	16QAM	25	0	21.38	21.63	21.50					
5	64QAM	1	0	21.20	21.31	21.27					
5	64QAM	1	12	21.19	21.34	21.34	22.5	0			
5	64QAM	1	24	21.37	21.35	21.08					
5	64QAM	12	0	20.50	20.58	20.51					
5	64QAM	12	7	20.51	20.55	20.42	21.5	1			
5	64QAM	12	13	20.51	20.56	20.47					
5	64QAM	25	0	20.45	20.48	20.51					

Band 41_Ant 1												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Low Middle Ch./Freq.	Power Middle Ch./Freq.	Power High Middle Ch./Freq.	Power High Ch./Freq.	Time-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	2545.5	2593	2636.5	2680				
20	QPSK	1	0	21.08	21.04	21.40	21.33	21.33	22.5	0		
20	QPSK	1	49	20.95	20.97	21.28	21.17	21.20				
20	QPSK	1	99	21.01	20.97	21.32	21.29	21.25				
20	QPSK	50	0	21.05	20.98	21.38	21.28	21.30				
20	QPSK	50	24	21.01	20.91	21.26	21.26	21.25				
20	QPSK	50	50	20.98	20.92	21.36	21.17	21.19	22.5	0		
20	QPSK	100	0	21.06	20.92	21.35	21.15	21.21				
20	16QAM	1	0	21.04	20.98	21.27	21.22	21.18				
20	16QAM	1	49	21.06	20.91	21.32	21.15	21.29				
20	16QAM	1	99	21.01	20.93	21.38	21.21	21.23				
20	16QAM	50	0	21.01	20.93	21.29	21.26	21.32	22.5	0		
20	16QAM	50	24	20.98	20.98	21.36	21.19	21.31				
20	16QAM	50	50	21.07	21.01	21.25	21.29	21.28				
20	16QAM	100	0	21.04	20.99	21.36	21.21	21.30				
20	64QAM	1	0	21.03	20.93	21.38	21.15	21.24				
20	64QAM	1	49	21.06	20.99	21.32	21.25	21.24	22.5	0		
20	64QAM	1	99	21.00	21.01	21.32	21.26	21.18				
20	64QAM	50	0	19.98	19.88	20.43	20.14	20.32				
20	64QAM	50	24	19.99	19.90	20.44	20.16	20.32				
20	64QAM	50	50	19.99	19.94	20.45	20.19	20.33				
20	64QAM	100	0	19.98	19.93	20.44	20.19	20.33	21.5	1		
Channel				39725	40150	40585	41020	41455			Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503	2543.5	2593	2637.8	2682.5				
15	QPSK	1	0	20.99	20.96	21.38	21.27	21.30	22.5	0		
15	QPSK	1	37	20.80	20.96	21.19	21.10	21.12				
15	QPSK	1	74	20.99	20.89	21.30	21.19	21.23				
15	QPSK	36	0	21.03	20.85	21.32	21.17	21.29				
15	QPSK	36	20	20.94	20.77	21.29	21.23	21.16				
15	QPSK	36	39	20.94	20.83	21.34	21.10	21.12	22.5	0		
15	QPSK	75	0	20.94	20.83	21.22	21.04	21.12				
15	16QAM	1	0	20.91	20.85	21.25	21.14	21.07				
15	16QAM	1	37	20.86	20.82	21.19	21.02	21.10				
15	16QAM	1	74	20.97	20.78	21.31	21.11	21.18				
15	16QAM	36	0	20.98	20.82	21.24	21.24	21.19	22.5	0		
15	16QAM	36	20	20.93	20.86	21.22	21.11	21.26				
15	16QAM	36	39	21.02	20.94	21.12	21.16	21.22				
15	16QAM	75	0	20.91	20.86	21.29	21.08	21.25				
15	64QAM	1	0	21.00	20.84	21.32	21.01	21.16				
15	64QAM	1	37	21.04	20.89	21.31	21.15	21.14	22.5	0		
15	64QAM	1	74	20.98	20.90	21.22	21.11	21.12				
15	64QAM	36	0	19.89	19.79	20.86	20.16	20.42				
15	64QAM	36	20	19.92	19.81	20.14	20.25	20.41				
15	64QAM	36	39	19.88	19.81	20.09	20.28	20.31				
15	64QAM	75	0	19.83	19.88	20.15	20.22	20.41	21.5	1		
Channel				39700	40140	40620	41080	41540			Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685				
10	QPSK	1	0	20.95	21.01	21.28	21.25	21.21	22.5	0		
10	QPSK	1	25	20.86	20.92	21.25	21.12	21.08				
10	QPSK	1	49	20.92	20.83	21.24	21.16	21.24				
10	QPSK	25	0	20.92	20.83	21.37	21.20	21.29				
10	QPSK	25	12	20.91	20.78	21.18	21.15	21.11				
10	QPSK	25	25	20.96	20.85	21.29	21.15	21.06	22.5	0		
10	QPSK	50	0	21.03	20.79	21.33	21.08	21.20				
10	16QAM	1	0	21.00	20.88	21.16	21.08	21.06				
10	16QAM	1	25	21.05	20.79	21.26	21.01	21.26				
10	16QAM	1	49	20.91	20.87	21.34	21.15	21.18				
10	16QAM	25	0	20.93	20.91	21.17	21.14	21.29	22.5	0		
10	16QAM	25	12	20.84	20.97	21.27	21.18	21.23				
10	16QAM	25	25	21.00	20.86	21.11	21.26	21.25				
10	16QAM	50	0	20.90	20.89	21.32	21.10	21.22				
10	64QAM	1	0	20.95	20.86	21.27	21.09	21.10				
10	64QAM	1	25	20.99	20.87	21.23	21.12	21.23	22.5	0		
10	64QAM	1	49	20.92	20.86	21.20	21.17	21.07				
10	64QAM	25	0	19.92	19.86	20.08	20.29	20.32				
10	64QAM	25	12	19.93	19.83	20.07	20.21	20.36				
10	64QAM	25	25	19.98	19.83	20.12	20.26	20.40				
10	64QAM	50	0	19.84	19.79	20.18	20.25	20.38	21.5	1		
Channel				39675	40148	40620	41093	41565			Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5				
5	QPSK	1	0	21.04	21.00	21.34	21.26	21.32	22.5	0		
5	QPSK	1	12	20.92	20.87	21.13	21.16	21.12				
5	QPSK	1	24	20.87	20.88	21.23	21.27	21.20				
5	QPSK	12	0	20.91	20.84	21.34	21.14	21.18				
5	QPSK	12	7	20.93	20.80	21.14	21.12	21.24				
5	QPSK	12	13	20.85	20.87	21.24	21.06	21.12	22.5	0		
5	QPSK	25	0	21.01	20.85	21.34	21.05	21.19				
5	16QAM	1	0	20.93	20.88	21.12	21.16	21.08				
5	16QAM	1	12	21.04	20.84	21.27	21.13	21.20				
5	16QAM	1	24	20.90	20.84	21.27	21.14	21.11				
5	16QAM	12	0	20.99	20.79	21.27	21.17	21.17	22.5	0		
5	16QAM	12	7	20.94	20.83	21.23	21.14	21.22				
5	16QAM	12	13	20.99	20.84	21.15	21.26	21.24				
5	16QAM	25	0	20.98	20.94	21.23	21.07	21.23				
5	64QAM	1	0	20.90	20.89	21.27	21.12	21.13				
5	64QAM	1	12	21.05	20.87	21.24	21.10	21.18	22.5	0		
5	64QAM	1	24	20.96	20.93	21.22	21.17	21.05				
5	64QAM	12	0	19.93	19.77	20.02	20.24	20.29				
5	64QAM	12	7	19.90	19.82	20.05	20.26	20.34	21.5	1		
5	64QAM	12	13	19.95	19.82	20.06	20.25	20.31				
5	64QAM	25	0	19.83	19.86	20.19	20.22	20.38				

Part 96_Band 48_Ant 1										Part 96_Band 48_Ant 3										Part 96_Band 48_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)
Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
20	QPSK	1	0	21.60	21.56	21.53	21.52			20	QPSK	1	0	22.58	22.40	22.52	22.45			20	QPSK	1	0	20.43	20.35	20.40	20.41		
20	QPSK	1	49	21.51	21.51	21.39	21.38	22	0	20	QPSK	1	49	22.49	22.39	22.50	22.32	23	0	20	QPSK	1	49	20.33	20.25	20.31	20.17	21	0
20	QPSK	1	99	21.56	21.42	21.50	21.46			20	QPSK	1	99	22.51	22.38	22.50	22.30			20	QPSK	1	99	20.35	20.29	20.37	20.31		
20	QPSK	50	0	21.36	21.56	21.56	21.46			20	QPSK	50	0	21.37	21.49	21.39	21.49			20	QPSK	50	0	20.35	20.10	20.08	20.10		
20	QPSK	50	24	21.46	21.51	21.50	21.35			20	QPSK	50	24	21.43	21.27	21.41	21.37			20	QPSK	50	24	20.33	20.22	20.22	20.17	21	0
20	QPSK	50	50	21.43	21.51	21.44	21.46			20	QPSK	50	50	21.46	21.37	21.42	21.27			20	QPSK	50	50	20.34	20.24	20.25	20.20		
20	QPSK	100	0	21.52	21.42	21.50	21.48			20	QPSK	100	0	21.55	21.31	21.44	21.38			20	QPSK	100	0	20.38	20.31	20.33	20.25		
20	16QAM	1	0	21.49	21.58	21.57	21.57			20	16QAM	1	0	21.53	21.32	21.47	21.29			20	16QAM	1	0	20.36	20.32	20.39	20.24		
20	16QAM	1	49	21.44	21.54	21.46	21.48			20	16QAM	1	49	21.45	21.39	21.44	21.31			20	16QAM	1	49	20.34	20.34	20.36	20.30		
20	16QAM	1	99	21.49	21.48	21.51	21.48			20	16QAM	1	99	21.50	21.28	21.44	21.38			20	16QAM	1	99	20.32	20.29	20.27	20.19		
20	16QAM	50	0	20.47	20.56	20.59	20.50			20	16QAM	50	0	20.65	20.38	20.53	20.43			20	16QAM	50	0	20.32	20.27	20.31	20.29		
20	16QAM	50	24	20.37	20.51	20.57	20.40			20	16QAM	50	24	20.44	20.33	20.44	20.34			20	16QAM	50	24	20.28	20.32	20.38	20.28	21	0
20	16QAM	50	50	20.35	20.65	20.46	20.35			20	16QAM	50	50	20.44	20.29	20.52	20.30			20	16QAM	50	50	20.30	20.22	20.37	20.25		
20	16QAM	100	0	20.37	20.54	20.55	20.36			20	16QAM	100	0	20.41	20.30	20.42	20.41			20	16QAM	100	0	20.33	20.28	20.36	20.25		
20	64QAM	1	0	20.11	20.10	20.22	20.09			20	64QAM	1	0	20.54	20.27	20.45	20.39			20	64QAM	1	0	19.92	19.96	19.95	20.07		
20	64QAM	1	49	20.36	20.51	20.52	20.39			20	64QAM	1	49	20.48	20.29	20.50	20.31			20	64QAM	1	49	19.98	19.98	20.06	19.97	21	0
20	64QAM	1	99	20.34	20.54	20.47	20.40			20	64QAM	1	99	20.48	20.35	20.52	20.42			20	64QAM	1	99	19.98	19.98	20.06	20.07		
20	64QAM	50	0	19.42	19.52	19.56	19.48			20	64QAM	50	0	19.60	19.41	19.58	19.45			20	64QAM	50	0	19.32	19.38	19.35	19.46		
20	64QAM	50	24	19.37	19.51	19.42	19.33			20	64QAM	50	24	19.59	19.41	19.49	19.30			20	64QAM	50	24	19.28	19.44	19.35	19.51		
20	64QAM	50	50	19.35	19.41	19.51	19.40			20	64QAM	50	50	19.63	19.32	19.51	19.31			20	64QAM	50	50	19.17	19.43	19.31	19.53		
20	64QAM	100	0	19.34	19.50	19.42	19.39	Turn-up limit (dBm)	MPR (dB)	20	64QAM	100	0	19.54	19.40	19.45	19.31	Turn-up limit (dBm)	MPR (dB)	20	64QAM	100	0	19.54	19.40	19.45	19.31	Turn-up limit (dBm)	MPR (dB)
Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
15	QPSK	1	0	21.56	21.48	21.42	21.42			15	QPSK	1	0	22.48	22.19	22.45	22.43			15	QPSK	1	0	20.39	20.23	20.25	20.29		
15	QPSK	1	37	21.40	21.45	21.27	21.26			15	QPSK	1	37	22.38	22.17	22.48	22.28	23	0	15	QPSK	1	37	20.25	20.16	20.18	20.16	21	0
15	QPSK	1	74	21.41	21.35	21.45	21.32			15	QPSK	1	74	22.45	22.09	22.47	22.19			15	QPSK	1	74	20.31	20.24	20.25	20.27		
15	QPSK	36	0	21.44	21.38	21.47	21.38			15	QPSK	36	0	21.42	21.22	21.40	21.34			15	QPSK	36	0	20.27	20.18	20.22	20.17		
15	QPSK	36	20	21.34	21.34	21.41	21.32			15	QPSK	36	20	21.38	20.99	21.39	21.29			15	QPSK	36	20	20.25	20.10	20.08	20.10		
15	QPSK	36	39	21.33	21.31	21.27	21.37			15	QPSK	36	39	21.45	21.13	21.27	21.24			15	QPSK	36	39	20.25	20.18	20.14	20.13		
15	QPSK	75	0	21.36	21.35	21.41	21.41			15	QPSK	75	0	21.47	21.05	21.36	21.31			15	QPSK	75	0	20.34	20.20	20.31	20.14		
15	16QAM	1	0	21.43	21.38	21.46	20.32			15	16QAM	1	0	21.50	21.11	21.38	21.34			15	16QAM	1	0	20.37	20.29	20.32	20.17		
15	16QAM	1	37	21.34	21.38	21.28	21.33			15	16QAM	1	37	21.42	21.19	21.39	21.16			15	16QAM	1	37	20.28	20.30	20.30	20.15		
15	16QAM	1	74	21.34	21.31	21.41	21.31			15	16QAM	1	74	21.43	21.10	21.29	21.29			15	16QAM	1	74	20.19	20.26	20.19	20.15		
15	16QAM	36	0	20.42	20.43	20.42	20.45			15	16QAM	36	0	20.54	20.17	20.50	20.42			15	16QAM	36	0	20.21	20.26	20.25	20.27		
15	16QAM	36	20	20.45	20.46	20.46	20.32			15	16QAM	36	20	20.50	20.10	20.50	20.37			15	16QAM	36	20	20.20	20.25	20.25	20.19		
15	16QAM	36	39	20.16	20.47	20.29	20.17			15	16QAM	36	39	20.29	20.04	20.50	20.27			15	16QAM	36	39	20.22	20.14	20.21	20.19	21	0
15	16QAM	75	0	20.20	20.38	20.47	20.29			15	16QAM	75	0	20.32	20.14	20.39	20.37			15	16QAM	75	0	20.27	20.24	20.32	20.10		
15	64QAM	1	0	19.93	19.97	20.02	19.99			15	64QAM	1	0	20.50	20.01	20.35	20.26			15	64QAM	1	0	19.79	19.74	19.81	20.00		
15	64QAM	1	37	20.20	20.33	20.38	20.29			15	64QAM	1	37	20.85	20.07	20.44	20.30			15	64QAM	1	37	19.74	19.83	19.82	19.83	21	0
15	64QAM	1	74	20.20	20.38	20.38	20.32			15	64QAM	1	74	20.35	20.16	20.41	20.31			15	64QAM	1	74	19.50	19.84	19.79	19.80		
15	64QAM	36	0	19.27	19.47	19.46	19.42			15	64QAM	36	0	19.55	19.19	19.48	19.31			15	64QAM	36	0	19.11	19.19	19.30	19.41		
15	64QAM	36	20	19.28	19.41	19.24	19.23			15	64QAM	36	20	19.45	19.17	19.45	19.28			15	64QAM	36	20	19.17	19.33	19.15	19.34		
15	64QAM	36	39	19.15	19.36	19.33	19.32			15	64QAM	36	39	19.48	19.05	19.36	19.20			15	64QAM	36	39	19.02	19.18	19.07	19.35	20	1
15	64QAM	75	0	19.13	19.43	19.30	19.32	Turn-up limit (dBm)	MPR (dB)	15	64QAM	75	0	19.17	19.12	19.30	19.16	Turn-up limit (dBm)	MPR (dB)	15	64QAM	75	0	19.16	19.27	19.19	19.20	Turn-up limit (dBm)	MPR (dB)
Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
10	QPSK	1	0	21.51	21.43	21.46	21.45			10	QPSK	1	0	22.47	22.20	22.49	22.37			10	QPSK	1	0	20.34	20.22	20.37	20.23		
10	QPSK	1	25	21.47	21.49	21.38	21.35			10	QPSK	1	25	22.45	22.22	22.44	22.21	23	0	10	QPSK	1	25	20.27	20.12	20.28	20.08	21	0
10	QPSK	1	49	21.57	21.38	21.39	21.39			10	QPSK	1	49	22.43	22.18	22.39	22.36			10	QPSK	1	49	20.30	20.15	20.22	20.17		
10	QPSK	25	0	21.50	21.50	21.47	21.35			10	QPSK	25	0	21.42	21.25	21.60	21.36			10	QPSK	25	0	20.28	20.26	20.31	20.11		
10	QPSK	25	12	21.32	21.35	21.35	21.15			10	QPSK	25	12	21.39	21.03	21.29	21.21			10	QPSK	25	12	20.28	20.18	20.20	20.06	21	0
10	QPSK	25	25	21.38	21.31	21.36	21.29			10	QPSK	25	25	21.43	21.12	21.27	21.24			10	QPSK	25	25	20.32	20.12	20.13	20.05		
10	QPSK	50	0	21.45	21.36	21.41	21.38			10	QPSK	50	0	21.45	21.13	21.43	21.29			10	QPSK	50	0	20.36	20.24	20.27	20.21		
10	16QAM	1	0	21.44	21.45	21.52	21.40			10	16QAM	1	0	21.46	21.13	21.40	21.24			10	16QAM	1	0						

Part 96_Band 48_Ant 7										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				55340	55830	56150	56640	21	0	
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	20.34	20.18	20.23	20.21	21	0	
20	QPSK	1	49	20.26	20.05	20.15	20.14			
20	QPSK	1	99	20.28	20.04	20.21	20.19			
20	QPSK	50	0	20.33	20.16	20.26	20.19			
20	QPSK	50	24	20.21	20.05	20.16	20.07	21	0	
20	QPSK	50	50	20.23	20.14	20.15	20.17			
20	QPSK	100	0	20.31	20.14	20.16	20.10			
20	16QAM	1	0	20.30	20.04	20.21	20.09			
20	16QAM	1	49	20.25	20.12	20.14	20.15	21	0	
20	16QAM	1	99	20.29	20.09	20.18	20.08			
20	16QAM	50	0	20.25	20.04	20.12	20.17			
20	16QAM	50	24	20.19	20.16	20.10	20.09			
20	16QAM	50	50	20.29	20.10	20.16	20.13	21	0	
20	16QAM	100	0	20.28	20.16	20.10	20.17			
20	64QAM	1	0	20.23	20.13	20.09	20.07			
20	64QAM	1	49	20.21	20.13	20.09	20.11			
20	64QAM	1	99	20.24	20.11	20.19	20.14	21	0	
20	64QAM	50	0	20.23	20.05	20.10	20.09			
20	64QAM	50	24	20.21	20.17	20.09	20.14			
20	64QAM	50	50	20.32	20.14	20.12	20.18			
20	64QAM	100	0	20.26	20.03	20.13	20.15	21	0	
Channel				55315	55800	56160	56605			
Frequency (MHz)				3567.5	3608	3642	3692.5			
15	QPSK	1	0	20.29	20.05	20.12	20.10	21	0	
15	QPSK	1	37	20.19	19.98	20.07	20.05			
15	QPSK	1	74	20.25	19.99	20.12	20.10			
15	QPSK	36	0	20.26	20.15	20.17	20.04			
15	QPSK	36	39	20.09	20.00	20.01	19.95	21	0	
15	QPSK	36	39	20.21	20.00	20.05	20.11			
15	QPSK	75	0	20.29	20.11	20.06	20.08			
15	16QAM	1	0	20.24	19.95	20.11	20.02			
15	16QAM	1	37	20.15	19.97	20.13	20.09	21	0	
15	16QAM	1	74	20.22	20.05	20.10	19.94			
15	16QAM	36	0	20.24	19.92	20.05	20.16			
15	16QAM	36	39	20.08	20.03	20.02	19.95			
15	16QAM	36	39	20.21	20.01	20.18	20.10	21	0	
15	16QAM	75	0	20.27	20.09	20.06	20.02			
15	64QAM	1	0	20.18	20.03	19.98	19.93			
15	64QAM	1	37	20.19	20.01	20.07	19.97			
15	64QAM	1	74	20.17	20.05	20.09	20.13	21	0	
15	64QAM	36	0	20.22	19.97	20.03	20.00			
15	64QAM	36	20	20.12	20.03	20.04	20.00			
15	64QAM	36	39	20.31	20.10	20.05	20.06			
15	64QAM	75	0	20.14	19.93	20.08	20.06	21	0	
Channel				55290	55815	56165	56690			
Frequency (MHz)				3555	3607.5	3642.5	3695			
10	QPSK	1	0	20.33	20.03	20.08	20.14	21	0	
10	QPSK	1	25	20.22	20.04	20.03	20.09			
10	QPSK	1	49	20.17	19.99	20.11	20.15			
10	QPSK	25	0	20.22	20.08	20.11	20.06			
10	QPSK	25	12	20.12	19.99	20.07	20.04	21	0	
10	QPSK	25	25	20.15	20.02	20.14	20.16			
10	QPSK	50	0	20.17	20.01	20.13	19.99			
10	16QAM	1	0	20.24	19.99	20.12	20.07			
10	16QAM	1	25	20.10	20.03	20.00	20.07	21	0	
10	16QAM	1	49	20.26	19.94	20.16	19.93			
10	16QAM	25	0	20.24	19.95	19.97	20.05			
10	16QAM	25	12	20.05	20.13	20.07	20.00			
10	16QAM	25	25	20.16	20.09	20.11	20.05	21	0	
10	16QAM	50	0	20.24	20.14	20.09	20.14			
10	64QAM	1	0	20.16	20.06	20.07	20.00			
10	64QAM	1	25	20.08	20.08	20.02	20.04			
10	64QAM	1	49	20.16	20.05	20.05	20.00	21	0	
10	64QAM	25	0	20.13	19.95	20.02	20.08			
10	64QAM	25	12	20.14	20.02	19.97	20.02			
10	64QAM	25	25	20.23	20.09	20.01	20.13			
10	64QAM	50	0	20.13	19.92	20.09	20.03	21	0	
Channel				55265	55810	56170	56715			
Frequency (MHz)				3552.5	3607	3643	3697.5			
5	QPSK	1	0	20.26	20.09	20.18	20.19	21	0	
5	QPSK	1	12	20.23	19.90	20.01	20.11			
5	QPSK	1	24	20.17	20.02	20.14	20.15			
5	QPSK	12	0	20.19	20.13	20.10	20.10			
5	QPSK	12	7	20.15	19.97	20.11	20.06	21	0	
5	QPSK	12	13	20.17	20.06	20.09	20.07			
5	QPSK	25	0	20.23	20.00	20.09	20.00			
5	16QAM	1	0	20.20	19.92	20.14	20.04			
5	16QAM	1	12	20.18	20.06	20.03	20.09	21	0	
5	16QAM	1	24	20.20	20.01	20.16	19.96			
5	16QAM	12	0	20.17	20.02	20.09	20.11			
5	16QAM	12	7	20.04	20.07	20.04	19.97			
5	16QAM	12	13	20.15	19.97	20.10	20.12	21	0	
5	16QAM	25	0	20.14	20.09	19.97	20.16			
5	64QAM	1	0	20.20	20.04	20.07	19.93			
5	64QAM	1	12	20.12	20.03	20.03	19.99			
5	64QAM	1	24	20.15	20.06	20.13	20.11	21	0	
5	64QAM	12	0	20.13	19.91	19.97	20.00			
5	64QAM	12	7	20.06	20.02	20.03	20.11			
5	64QAM	12	13	20.21	20.09	20.07	20.14			
5	64QAM	25	0	20.20	20.02	20.12	20.04			

Full & Default Power Mode_ENDC

Band 2_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)				18700	18800	19100				
20	QPSK	1	0	23.41	23.43	23.38	24.5	0		
20	QPSK	1	49	23.38	23.40	23.37				
20	QPSK	1	99	23.29	23.32	23.31				
20	QPSK	50	0	22.37	22.40	22.36	23.5	1		
20	QPSK	50	24	22.32	22.35	22.34				
20	QPSK	50	50	22.34	22.37	22.34				
20	QPSK	100	0	22.35	22.37	22.35	23.5	1		
20	16QAM	1	0	22.71	22.57	22.63				
20	16QAM	1	49	22.70	22.57	22.64				
20	16QAM	1	99	22.59	22.52	22.51	22.5	2		
20	16QAM	50	0	21.39	21.35	21.37				
20	16QAM	50	24	21.36	21.39	21.33				
20	16QAM	50	50	21.33	21.36	21.32	21.5	3		
20	16QAM	100	0	21.34	21.35	21.33				
20	64QAM	1	0	21.64	21.49	21.52				
20	64QAM	1	49	21.60	21.59	21.51	22.5	2		
20	64QAM	1	99	21.44	21.48	21.49				
20	64QAM	50	0	20.40	20.37	20.40				
20	64QAM	50	24	20.39	20.41	20.36	21.5	3		
20	64QAM	50	50	20.35	20.37	20.33				
20	64QAM	100	0	20.37	20.36	20.34				
Channel										
Frequency (MHz)				1867.5	1890.0	1912.5	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	23.28	23.26	23.23	24.5	0		
15	QPSK	1	37	23.41	23.33	23.25				
15	QPSK	1	74	23.22	23.17	23.17				
15	QPSK	36	0	22.33	22.29	22.35	23.5	1		
15	QPSK	36	20	22.24	22.19	22.22				
15	QPSK	36	39	22.30	22.24	22.23				
15	QPSK	75	0	22.34	22.32	22.23	23.5	1		
15	16QAM	1	0	22.42	22.58	22.50				
15	16QAM	1	37	22.52	22.62	22.56				
15	16QAM	1	74	22.49	22.58	22.39	22.5	2		
15	16QAM	36	0	21.29	21.27	21.29				
15	16QAM	36	20	21.33	21.23	21.21				
15	16QAM	36	39	21.24	21.29	21.21	22.5	2		
15	16QAM	75	0	21.29	21.22	21.21				
15	64QAM	1	0	21.45	21.53	21.41				
15	64QAM	1	37	21.49	21.59	21.38	22.5	2		
15	64QAM	1	74	21.33	21.37	21.39				
15	64QAM	36	0	20.35	20.30	20.26				
15	64QAM	36	20	20.38	20.32	20.28	21.5	3		
15	64QAM	36	39	20.31	20.22	20.24				
15	64QAM	75	0	20.27	20.31	20.24				
Channel										
Frequency (MHz)				1865.0	1890.0	1915.0	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	0	23.29	23.33	23.19	24.5	0		
10	QPSK	1	25	23.35	23.33	23.35				
10	QPSK	1	49	23.29	23.25	23.17				
10	QPSK	25	0	22.36	22.23	22.25	23.5	1		
10	QPSK	25	12	22.35	22.17	22.19				
10	QPSK	25	25	22.29	22.30	22.26				
10	QPSK	50	0	22.27	22.24	22.28	23.5	1		
10	16QAM	1	0	22.54	22.57	22.51				
10	16QAM	1	25	22.53	22.66	22.51				
10	16QAM	1	49	22.48	22.45	22.36	22.5	2		
10	16QAM	25	0	21.25	21.25	21.25				
10	16QAM	25	12	21.25	21.22	21.21				
10	16QAM	25	25	21.32	21.32	21.16	22.5	2		
10	16QAM	50	0	21.22	21.26	21.24				
10	64QAM	1	0	21.44	21.58	21.37				
10	64QAM	1	25	21.49	21.45	21.47	22.5	2		
10	64QAM	1	49	21.41	21.43	21.48				
10	64QAM	25	0	20.27	20.39	20.33				
10	64QAM	25	12	20.26	20.34	20.28	21.5	3		
10	64QAM	25	25	20.25	20.20	20.23				
10	64QAM	50	0	20.28	20.36	20.20				
Channel										
Frequency (MHz)				1852.5	1880.0	1907.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	23.23	23.33	23.27	24.5	0		
5	QPSK	1	12	23.42	23.39	23.22				
5	QPSK	1	24	23.28	23.21	23.30				
5	QPSK	12	0	22.39	22.25	22.21	23.5	1		
5	QPSK	12	7	22.25	22.19	22.25				
5	QPSK	12	13	22.26	22.22	22.23				
5	QPSK	25	0	22.30	22.33	22.33	23.5	1		
5	16QAM	1	0	22.47	22.62	22.61				
5	16QAM	1	12	22.44	22.56	22.50				
5	16QAM	1	24	22.47	22.53	22.47	22.5	2		
5	16QAM	12	0	21.34	21.31	21.30				
5	16QAM	12	7	21.33	21.34	21.19				
5	16QAM	12	13	21.26	21.19	21.19	22.5	2		
5	16QAM	25	0	21.28	21.32	21.22				
5	64QAM	1	0	21.44	21.50	21.39				
5	64QAM	1	12	21.54	21.47	21.44	22.5	2		
5	64QAM	1	24	21.35	21.34	21.42				
5	64QAM	12	0	20.33	20.37	20.25				
5	64QAM	12	7	20.40	20.29	20.23	21.5	3		
5	64QAM	12	13	20.30	20.29	20.20				
5	64QAM	25	0	20.32	20.27	20.21				
Channel										
Frequency (MHz)				1861.5	1890.0	1918.5	Tune-up limit (dBm)	MPR (dB)		
3	QPSK	1	0	23.35	23.30	23.25	24.5	0		
3	QPSK	1	8	23.29	23.37	23.28				
3	QPSK	1	14	23.27	23.14	23.19				
3	QPSK	8	0	22.28	22.29	22.34	23.5	1		
3	QPSK	8	4	22.27	22.21	22.28				
3	QPSK	8	7	22.26	22.22	22.22				
3	QPSK	15	0	22.22	22.22	22.22	23.5	1		
3	16QAM	1	0	22.51	22.62	22.49				
3	16QAM	1	8	22.49	22.64	22.61				
3	16QAM	1	14	22.45	22.58	22.50	22.5	2		
3	16QAM	8	0	21.25	21.33	21.34				
3	16QAM	8	4	21.32	21.33	21.22				
3	16QAM	8	7	21.32	21.20	21.19	22.5	2		
3	16QAM	15	0	21.30	21.21	21.22				
3	64QAM	1	0	21.38	21.57	21.45				
3	64QAM	1	8	21.50	21.47	21.48	22.5	2		
3	64QAM	1	14	21.42	21.42	21.36				
3	64QAM	8	0	20.31	20.31	20.39				
3	64QAM	8	4	20.31	20.31	20.38	21.5	3		
3	64QAM	8	7	20.36	20.25	20.18				
3	64QAM	15	0	20.28	20.33	20.33				
Channel										
Frequency (MHz)				1850.7	1880.0	1909.3	Tune-up limit (dBm)	MPR (dB)		
1.4	QPSK	1	0	23.26	23.32	23.28	24.5	0		
1.4	QPSK	1	3	23.29	23.36	23.28				
1.4	QPSK	1	5	23.19	23.16	23.18				
1.4	QPSK	3	0	23.26	23.29	23.26	23.5	1		
1.4	QPSK	3	0	23.26	23.29	23.22				
1.4	QPSK	3	3	23.18	23.20	23.20				
1.4	QPSK	6	0	22.22	22.26	22.25	23.5	1		
1.4	16QAM	1	0	22.46	22.70	22.64				
1.4	16QAM	1	3	22.43	22.65	22.69				
1.4	16QAM	1	5	22.39	22.48	22.38	22.5	2		
1.4	16QAM	3	0	22.52	22.62	22.52				
1.4	16QAM	3	3	22.47	22.58	22.52				
1.4	16QAM	3	3	22.47	22.58	22.52	22.5	2		
1.4	64QAM	1	0	21.39	21.59	21.38				
1.4	64QAM	1	3	21.55	21.53	21.44				
1.4	64QAM	1	5	21.47	21.32	21.44	22.5	2		
1.4	64QAM	3	0	21.47	21.59	21.37				
1.4	64QAM	3	1	21.46	21.48	21.44				
1.4	64QAM	3	1	21.46	21.48	21.39	21.5	3		
1.4	64QAM	6	0	20.29	20.31	20.36				

Band 4_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)		
Channel				20050	17175	17475				
Frequency (MHz)				1720	1732.5	1745				
20	QPSK	1	0	23.25	23.30	23.27	24.5	0		
20	QPSK	1	49	23.22	23.26	23.20				
20	QPSK	1	99	23.11	23.15	23.22				
20	QPSK	50	0	22.26	22.31	22.27	23.5	1		
20	QPSK	50	24	22.27	22.22	22.25				
20	QPSK	50	50	22.21	22.19	22.28				
20	QPSK	100	0	22.24	22.29	22.26	23.5	1		
20	16QAM	1	0	22.52	22.53	22.49				
20	16QAM	1	49	22.53	22.51	22.48				
20	16QAM	1	99	22.44	22.36	22.50	22.5	2		
20	16QAM	50	0	21.23	21.20	21.21				
20	16QAM	50	24	21.26	21.19	21.26				
20	16QAM	50	50	21.22	21.20	21.26	22.5	2		
20	16QAM	100	0	21.22	21.18	21.24				
20	64QAM	1	0	21.34	21.45	21.41				
20	64QAM	1	49	21.43	21.43	21.43	22.5	2		
20	64QAM	1	99	21.27	21.25	21.42				
20	64QAM	50	0	20.24	20.22	20.21				
20	64QAM	50	24	20.27	20.21	20.27	21.5	3		
20	64QAM	50	50	20.21	20.19	20.27				
20	64QAM	100	0	20.23	20.19	20.25				
Channel				20025	17175	17500				
Frequency (MHz)				1717.5	1732.5	1747.5				
15	QPSK	1	0	23.15	23.16	23.22	24.5	0		
15	QPSK	1	37	23.09	23.16	23.13				
15	QPSK	1	74	23.10	23.03	23.12				
15	QPSK	36	0	22.22	22.17	22.17	23.5	1		
15	QPSK	36	20	22.12	22.19	22.24				
15	QPSK	36	39	22.11	22.06	22.15				
15	QPSK	75	0	22.09	22.21	22.25	23.5	1		
15	16QAM	1	0	22.49	22.41	22.34				
15	16QAM	1	37	22.39	22.49	22.40				
15	16QAM	1	74	22.40	22.30	22.42	23.5	1		
15	16QAM	36	0	21.12	21.05	21.15				
15	16QAM	36	20	21.16	21.05	21.19				
15	16QAM	36	39	21.09	21.13	21.13	22.5	2		
15	16QAM	75	0	21.13	21.10	21.20				
15	64QAM	1	0	21.27	21.39	21.28				
15	64QAM	1	37	21.30	21.38	21.37	22.5	2		
15	64QAM	1	74	21.13	21.21	21.33				
15	64QAM	36	0	20.17	20.18	20.07				
15	64QAM	36	20	20.36	20.20	20.36	21.5	3		
15	64QAM	36	39	20.11	20.05	20.21				
15	64QAM	75	0	20.20	20.08	20.20				
Channel				20000	17175	17500				
Frequency (MHz)				1715	1732.5	1750				
10	QPSK	1	0	23.14	23.18	23.18	24.5	0		
10	QPSK	1	25	23.07	23.12	23.19				
10	QPSK	1	49	23.06	23.07	23.19				
10	QPSK	25	0	22.16	22.21	22.21	23.5	1		
10	QPSK	25	12	22.14	22.19	22.18				
10	QPSK	25	25	22.14	22.14	22.18				
10	QPSK	50	0	22.18	22.14	22.14	23.5	1		
10	16QAM	1	0	22.39	22.43	22.38				
10	16QAM	1	25	22.51	22.47	22.42				
10	16QAM	1	49	22.37	22.34	22.47	23.5	1		
10	16QAM	25	0	21.18	21.19	21.07				
10	16QAM	25	12	21.15	21.09	21.17				
10	16QAM	25	25	21.07	21.13	21.25	22.5	2		
10	16QAM	50	0	21.17	21.14	21.20				
10	64QAM	1	0	21.25	21.33	21.30				
10	64QAM	1	25	21.38	21.36	21.40	22.5	2		
10	64QAM	1	49	21.17	21.13	21.29				
10	64QAM	25	0	20.13	20.08	20.06				
10	64QAM	25	12	20.23	20.07	20.25	21.5	3		
10	64QAM	25	25	20.12	20.07	20.21				
10	64QAM	50	0	20.15	20.05	20.19				
Channel				19975	17175	17500				
Frequency (MHz)				1712.5	1732.5	1752.5				
5	QPSK	1	0	23.18	23.18	23.24	24.5	0		
5	QPSK	1	12	23.09	23.18	23.07				
5	QPSK	1	24	23.06	23.00	23.10				
5	QPSK	12	0	22.14	22.24	22.16	23.5	1		
5	QPSK	12	7	22.20	22.16	22.14				
5	QPSK	12	13	22.18	22.15	22.21				
5	QPSK	25	0	22.23	22.28	22.14	23.5	1		
5	16QAM	1	0	22.40	22.41	22.35				
5	16QAM	1	12	22.50	22.37	22.34				
5	16QAM	1	24	22.33	22.35	22.45	23.5	1		
5	16QAM	12	0	21.17	21.06	21.16				
5	16QAM	12	7	21.17	21.07	21.21				
5	16QAM	12	13	21.16	21.07	21.25	22.5	2		
5	16QAM	25	0	21.13	21.05	21.09				
5	64QAM	1	0	21.20	21.39	21.40				
5	64QAM	1	12	21.31	21.36	21.45	22.5	2		
5	64QAM	1	24	21.25	21.11	21.33				
5	64QAM	12	0	20.14	20.20	20.14				
5	64QAM	12	7	20.16	20.11	20.14	21.5	3		
5	64QAM	12	13	20.13	20.15	20.23				
5	64QAM	25	0	20.11	20.11	20.23				
Channel				19965	17175	17500				
Frequency (MHz)				1711.5	1732.5	1753.5				
3	QPSK	1	0	23.14	23.15	23.20	24.5	0		
3	QPSK	1	8	23.15	23.21	23.11				
3	QPSK	1	14	22.87	23.07	23.16				
3	QPSK	8	0	22.18	22.20	22.12	23.5	1		
3	QPSK	8	4	22.25	22.18	22.12				
3	QPSK	8	7	22.19	22.15	22.12				
3	QPSK	15	0	22.09	22.27	22.24	23.5	1		
3	16QAM	1	0	22.45	22.40	22.45				
3	16QAM	1	8	22.45	22.47	22.40				
3	16QAM	1	14	22.33	22.22	22.46	22.5	2		
3	16QAM	8	0	21.21	21.08	21.10				
3	16QAM	8	4	21.22	21.10	21.15				
3	16QAM	8	7	21.07	21.09	21.15	21.5	3		
3	16QAM	15	0	21.06	21.06	21.12				
3	64QAM	1	0	21.30	21.43	21.29				
3	64QAM	1	8	21.36	21.29	21.40	22.5	2		
3	64QAM	1	14	21.13	21.12	21.38				
3	64QAM	8	0	20.18	20.15	20.13				
3	64QAM	8	4	20.12	20.13	20.13	21.5	3		
3	64QAM	8	7	20.07	20.04	20.15				
3	64QAM	15	0	20.08	20.08	20.10				
Channel				19957	17175	17500				
Frequency (MHz)				1710.7	1732.5	1754.3				
1.4	QPSK	1	0	23.15	23.22	23.17	24.5	0		
1.4	QPSK	1	3	23.20	23.23	23.16				
1.4	QPSK	1	5	22.98	23.12	23.18				
1.4	QPSK	3	0	22.14	23.25	23.25	23.5	1		
1.4	QPSK	3	1	22.07	23.24	23.19				
1.4	QPSK	3	3	23.15	23.23	23.21				
1.4	QPSK	6	0	22.12	22.26	22.12	23.5	1		
1.4	16QAM	1	0	22.40	22.38	22.36				
1.4	16QAM	1	3	22.48	22.39	22.38				
1.4	16QAM	3	0	22.38	22.35	22.45	23.5	1		
1.4	16QAM	3	5	22.38	22.39	22.46				
1.4	16QAM	3	1	22.51	22.40	22.47				
1.4	16QAM	3	3	22.43	22.32	22.46	22.5	2		
1.4	64QAM	1	0	21.21	21.14	21.14				
1.4	64QAM	1	3	21.33	21.38	21.36				
1.4	64QAM	1	5	21.16	21.13	21.38	22.5	2		
1.4	64QAM	3	0	21.22	21.43	21.26				
1.4	64QAM	3	1	21.40	21.28	21.39				
1.4	64QAM	3	3	21.21	21.11	21.35	21.5	3		
1.4	64QAM	6	0	20.10	20.11	20.32				

Band 5_Ant 0															
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)							
Channel				20450	20525	20600									
Frequency (MHz)				829	836.5	844									
10	QPSK	1	0	23.76	23.87	23.88	25	0							
10	QPSK	1	25	23.66	23.74	23.53									
10	QPSK	1	49	23.70	23.82	23.74									
10	QPSK	25	0	22.64	22.77	22.74	24	1							
10	QPSK	25	12	22.83	22.67	22.72									
10	QPSK	25	25	22.82	22.69	22.70									
10	QPSK	50	0	22.67	22.75	22.73	24	1							
10	16QAM	1	0	22.74	22.93	22.97									
10	16QAM	1	25	22.74	22.74	23.02									
10	16QAM	1	49	22.71	23.00	22.97	23	2							
10	16QAM	25	0	21.66	21.63	21.74									
10	16QAM	25	12	21.60	21.71	21.69									
10	16QAM	25	25	21.60	21.78	21.71	23	2							
10	16QAM	50	0	21.62	21.73	21.71									
10	64QAM	1	0	21.93	22.06	21.96									
10	64QAM	1	25	21.85	21.77	21.95	23	2							
10	64QAM	1	49	21.84	21.98	21.81									
10	64QAM	25	0	20.80	20.73	20.66									
10	64QAM	25	12	20.52	20.62	20.69	22	3							
10	64QAM	25	25	20.66	20.68	20.81									
10	64QAM	50	0	20.63	20.68	20.74									
Channel				20432	20525	20605	Tune-up limit (dBm)	MPR (dB)							
Frequency (MHz)				826.5	836.5	846.5									
5	QPSK	1	0	23.75	23.85	23.83	25	0							
5	QPSK	1	12	23.54	23.73	23.39									
5	QPSK	1	24	23.65	23.77	23.62									
5	QPSK	12	0	22.60	22.72	22.61	24	1							
5	QPSK	12	7	22.51	22.56	22.71									
5	QPSK	12	13	22.55	22.62	22.82									
5	QPSK	25	0	22.56	22.62	22.66	24	1							
5	16QAM	1	0	22.67	22.80	22.91									
5	16QAM	1	12	22.61	22.62	22.83									
5	16QAM	1	24	22.67	22.90	22.86	23	2							
5	16QAM	12	0	21.65	21.54	21.72									
5	16QAM	12	7	21.56	21.64	21.85									
5	16QAM	12	13	21.57	21.73	21.70	23	2							
5	16QAM	25	0	21.61	21.66	21.58									
5	64QAM	1	0	21.89	22.01	21.87	23	2							
5	64QAM	1	12	21.75	21.69	21.94									
5	64QAM	1	24	21.72	21.93	21.76									
5	64QAM	12	0	20.49	20.67	20.60	22	3							
5	64QAM	12	7	20.46	20.50	20.58									
5	64QAM	12	13	20.57	20.55	20.72									
5	64QAM	25	0	20.68	20.62	20.74	22	3							
Channel				20415	20525	20635				Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				825.5	836.5	847.5									
3	QPSK	1	0	23.74	23.81	23.76	25	0							
3	QPSK	1	8	23.52	23.66	23.39									
3	QPSK	1	14	23.61	23.69	23.70									
3	QPSK	8	0	22.57	22.76	22.71	24	1							
3	QPSK	8	4	22.62	22.59	22.89									
3	QPSK	8	7	22.60	22.61	22.69									
3	QPSK	15	0	22.59	22.73	22.64	24	1							
3	16QAM	1	0	22.62	22.89	22.86									
3	16QAM	1	8	22.72	22.68	22.97									
3	16QAM	1	14	22.68	22.88	22.91	23	2							
3	16QAM	8	0	21.65	21.57	21.63									
3	16QAM	8	4	21.46	21.63	21.83									
3	16QAM	8	7	21.58	21.64	21.64	23	2							
3	16QAM	15	0	21.53	21.61	21.56									
3	64QAM	1	0	21.80	21.95	21.95	23	2							
3	64QAM	1	8	21.76	21.69	21.88									
3	64QAM	1	14	21.70	21.85	21.70									
3	64QAM	8	0	20.49	20.66	20.51	22	3							
3	64QAM	8	4	20.42	20.46	20.57									
3	64QAM	8	7	20.63	20.65	20.73									
3	64QAM	15	0	20.68	20.59	20.65	22	3							
Channel				20407	20525	20643				Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				824.7	836.5	848.3									
1.4	QPSK	1	0	23.69	23.72	23.84				25	0				
1.4	QPSK	1	3	23.51	23.71	23.45									
1.4	QPSK	1	5	23.57	23.77	23.65									
1.4	QPSK	3	0	23.71	23.80	23.85				24	1				
1.4	QPSK	3	1	23.63	23.66	23.45									
1.4	QPSK	3	3	23.69	23.70	23.73									
1.4	QPSK	6	0	22.58	22.61	22.65				24	1				
1.4	16QAM	1	0	22.73	22.91	22.88									
1.4	16QAM	1	3	22.64	22.59	23.00									
1.4	16QAM	1	5	22.86	22.86	22.84				24	1				
1.4	16QAM	3	0	22.73	22.86	22.87									
1.4	16QAM	3	1	22.64	22.71	23.01									
1.4	16QAM	3	3	22.59	22.88	22.86				23	2				
1.4	16QAM	6	0	21.57	21.64	21.67									
1.4	64QAM	1	0	21.92	21.93	21.87				23	2				
1.4	64QAM	1	3	21.82	21.73	21.92									
1.4	64QAM	1	5	21.80	21.92	21.80									
1.4	64QAM	3	0	21.49	21.75	21.68				23	2				
1.4	64QAM	3	1	21.53	21.69	21.76									
1.4	64QAM	3	3	21.58	21.59	21.97									
1.4	64QAM	6	0	20.60	20.59	20.77				22	3				

Band 7_Ant 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				20650	21100	21350						
Frequency (MHz)				2510	2535	2560						
20	QPSK	1	0	23.05	23.12	23.10	24.5	0				
20	QPSK	1	49	23.02	23.10	23.02						
20	QPSK	1	99	23.02	22.98	23.08						
20	QPSK	50	0	21.99	22.05	22.00	23.5	1				
20	QPSK	50	24	21.97	22.02	21.96						
20	QPSK	50	50	21.98	22.04	21.90						
20	QPSK	100	0	21.97	22.03	21.95	23.5	1				
20	16QAM	1	0	22.18	22.31	22.14						
20	16QAM	1	49	22.19	22.26	22.19						
20	16QAM	1	99	22.26	22.17	22.29	22.5	2				
20	16QAM	50	0	20.96	21.01	20.91						
20	16QAM	50	24	20.96	21.01	20.96						
20	16QAM	50	50	20.94	21.00	20.93	22.5	2				
20	16QAM	100	0	20.94	21.00	20.93						
20	64QAM	1	0	21.10	21.22	21.05						
20	64QAM	1	49	21.12	21.20	21.16	22.5	2				
20	64QAM	1	99	21.15	21.08	21.16						
20	64QAM	50	0	19.96	20.03	19.93						
20	64QAM	50	24	19.96	20.01	19.96	21.5	3				
20	64QAM	50	50	19.96	20.04	20.00						
20	64QAM	100	0	19.95	20.03	19.96						
Channel				20625	21100	21375	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2507.5	2535	2562.5						
15	QPSK	1	0	23.08	23.03	23.98	24.5	0				
15	QPSK	1	37	23.09	22.98	22.94						
15	QPSK	1	74	22.89	22.98	23.05						
15	QPSK	36	0	21.84	21.87	21.80	23.5	1				
15	QPSK	36	20	21.87	21.83	21.89						
15	QPSK	36	39	21.96	21.95	21.79						
15	QPSK	75	0	21.92	21.86	21.90	23.5	1				
15	16QAM	1	0	22.27	22.11	22.12						
15	16QAM	1	37	22.23	22.16	22.13						
15	16QAM	1	74	22.13	22.18	22.18	22.5	2				
15	16QAM	36	0	20.95	20.89	20.87						
15	16QAM	36	20	20.87	20.87	20.84						
15	16QAM	36	39	21.01	20.86	20.92	22.5	2				
15	16QAM	75	0	20.99	20.92	20.87						
15	64QAM	1	0	21.09	21.06	21.01						
15	64QAM	1	37	21.12	20.97	21.07	22.5	2				
15	64QAM	1	74	21.06	21.14	21.05						
15	64QAM	36	0	19.91	19.92	19.89						
15	64QAM	36	20	19.94	19.89	19.91	21.5	3				
15	64QAM	36	39	19.97	19.85	19.86						
15	64QAM	75	0	19.98	19.87	19.86						
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2505	2535	2565						
10	QPSK	1	0	23.05	23.03	23.03	24.5	0				
10	QPSK	1	25	23.03	22.98	22.89						
10	QPSK	1	49	22.87	22.94	23.04						
10	QPSK	25	0	21.87	21.83	21.85	23.5	1				
10	QPSK	25	12	21.92	21.88	21.83						
10	QPSK	25	25	21.96	21.86	21.81						
10	QPSK	50	0	21.95	21.83	21.80	23.5	1				
10	16QAM	1	0	22.19	22.16	22.12						
10	16QAM	1	25	22.11	22.17	22.13						
10	16QAM	1	49	22.13	22.20	22.16	22.5	2				
10	16QAM	25	0	20.99	20.95	20.90						
10	16QAM	25	12	20.86	20.95	20.86						
10	16QAM	25	25	20.97	20.94	20.98	22.5	2				
10	16QAM	50	0	20.85	20.93	20.88						
10	64QAM	1	0	21.07	21.08	21.09	22.5	2				
10	64QAM	1	25	21.06	21.10	21.03						
10	64QAM	1	49	20.96	21.05	21.14						
10	64QAM	25	0	19.96	19.85	19.84	21.5	3				
10	64QAM	25	12	19.93	19.83	19.85						
10	64QAM	25	25	19.97	19.83	19.85						
10	64QAM	50	0	19.94	19.82	19.87	21.5	3				
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2502.5	2535	2567.5						
5	QPSK	1	0	23.04	22.97	22.96	24.5	0				
5	QPSK	1	12	22.97	22.89	22.99						
5	QPSK	1	24	22.88	22.86	22.96						
5	QPSK	12	0	21.90	21.86	21.85	23.5	1				
5	QPSK	12	7	21.96	21.84	21.86						
5	QPSK	12	13	21.97	21.87	21.76						
5	QPSK	25	0	21.99	21.82	21.88	23.5	1				
5	16QAM	1	0	22.22	22.09	22.11						
5	16QAM	1	12	22.11	22.06	22.17						
5	16QAM	1	24	22.04	22.24	22.16	22.5	2				
5	16QAM	12	0	20.98	20.81	20.89						
5	16QAM	12	7	20.98	20.93	20.81						
5	16QAM	12	13	20.99	20.95	20.87	22.5	2				
5	16QAM	25	0	20.92	20.88	20.85						
5	64QAM	1	0	21.13	21.07	21.00	22.5	2				
5	64QAM	1	12	21.10	21.05	21.14						
5	64QAM	1	24	20.99	21.09	21.07						
5	64QAM	12	0	20.02	19.88	19.81	21.5	3				
5	64QAM	12	7	20.00	19.84	19.85						
5	64QAM	12	13	19.91	19.85	19.87						
5	64QAM	25	0	19.93	19.86	19.90						

Band 7_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	23.75	23.86	23.77	24.5	0		
20	QPSK	1	49	23.69	23.77	23.70				
20	QPSK	1	99	23.72	23.85	23.71				
20	QPSK	50	0	22.67	22.79	22.70	23.5	1		
20	QPSK	50	24	22.65	22.74	22.73				
20	QPSK	50	50	22.69	22.77	22.71				
20	QPSK	100	0	22.67	22.78	22.69	23.5	1		
20	16QAM	1	0	22.82	22.90	22.95				
20	16QAM	1	49	22.88	22.91	22.85				
20	16QAM	1	99	22.79	23.10	23.13	22.5	2		
20	16QAM	50	0	21.59	21.79	21.72				
20	16QAM	50	24	21.66	21.75	21.69				
20	16QAM	50	50	21.74	21.75	21.71	22.5	2		
20	16QAM	100	0	21.66	21.73	21.71				
20	64QAM	1	0	21.80	22.08	22.05				
20	64QAM	1	49	21.77	21.91	21.85	21.5	3		
20	64QAM	1	99	21.80	21.93	22.13				
20	64QAM	50	0	20.71	20.76	20.76				

Band 12_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23065	23130	24.5	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.43	23.50	23.45			
10	QPSK	1	25	23.22	23.39	23.29	23.5	1	
10	QPSK	1	49	23.41	23.47	23.22			
10	QPSK	25	0	22.26	22.30	22.25			
10	QPSK	25	12	22.21	22.20	22.22	23.5	1	
10	QPSK	25	25	22.24	22.28	22.22			
10	QPSK	50	0	22.23	22.27	22.24			
10	16QAM	1	0	22.52	22.37	22.60	23.5	1	
10	16QAM	1	25	22.42	22.32	22.35			
10	16QAM	1	49	22.66	22.55	22.61			
10	16QAM	25	0	21.24	21.16	21.20	22.5	2	
10	16QAM	25	12	21.14	21.26	21.18			
10	16QAM	25	25	21.18	21.38	21.25			
10	16QAM	50	0	21.17	21.24	21.23	22.5	2	
10	64QAM	1	0	21.25	21.36	21.22			
10	64QAM	1	25	21.53	21.35	21.40			
10	64QAM	1	49	21.50	21.39	21.35	21.5	3	
10	64QAM	25	0	20.19	20.28	20.21			
10	64QAM	25	12	20.25	20.21	20.31			
10	64QAM	25	25	20.27	20.37	20.23	21.5	3	
10	64QAM	50	0	20.29	20.25	20.23			
Channel				23035	23095	23155	24.5	0	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.38	23.37	23.38			
5	QPSK	1	12	23.08	23.28	23.15	23.5	1	
5	QPSK	1	24	23.31	23.38	23.19			
5	QPSK	12	0	22.26	22.28	22.21			
5	QPSK	12	7	22.07	22.19	22.07	23.5	1	
5	QPSK	12	13	22.12	22.23	22.16			
5	QPSK	25	0	22.17	22.24	22.16			
5	16QAM	1	0	22.37	22.28	22.56	23.5	1	
5	16QAM	1	12	22.37	22.17	22.33			
5	16QAM	1	24	22.59	22.45	22.59			
5	16QAM	12	0	21.14	21.04	21.11	22.5	2	
5	16QAM	12	7	21.02	21.14	21.14			
5	16QAM	12	13	21.08	21.25	21.13			
5	16QAM	25	0	21.06	21.19	21.18	22.5	2	
5	64QAM	1	0	21.13	21.29	21.08			
5	64QAM	1	12	21.38	21.31	21.25			
5	64QAM	1	24	21.47	21.29	21.34	21.5	3	
5	64QAM	12	0	20.11	20.23	20.19			
5	64QAM	12	7	20.19	20.13	20.27			
5	64QAM	12	13	20.20	20.26	20.16	21.5	3	
5	64QAM	25	0	20.20	20.22	20.08			
Channel				23025	23095	23165	24.5	0	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	23.40	23.49	23.35			
3	QPSK	1	8	23.16	23.31	23.21	23.5	1	
3	QPSK	1	14	23.36	23.45	23.21			
3	QPSK	8	0	22.19	22.25	22.19			
3	QPSK	8	4	22.06	22.09	22.11	23.5	1	
3	QPSK	8	7	22.14	22.22	22.16			
3	QPSK	15	0	22.09	22.19	22.20			
3	16QAM	1	0	22.51	22.30	22.59	23.5	1	
3	16QAM	1	8	22.35	22.25	22.28			
3	16QAM	1	14	22.53	22.48	22.54			
3	16QAM	8	0	21.14	21.09	21.06	22.5	2	
3	16QAM	8	4	21.09	21.14	21.16			
3	16QAM	8	7	21.03	21.30	21.11			
3	16QAM	15	0	21.12	21.14	21.22	22.5	2	
3	64QAM	1	0	21.21	21.35	21.09			
3	64QAM	1	8	21.46	21.22	21.39			
3	64QAM	1	14	21.38	21.34	21.29	21.5	3	
3	64QAM	8	0	20.11	20.18	20.17			
3	64QAM	8	4	20.16	20.10	20.27			
3	64QAM	8	7	20.19	20.35	20.20	21.5	3	
3	64QAM	15	0	20.16	20.17	20.22			
Channel				23017	23095	23173	24.5	0	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.32	23.45	23.37			
1.4	QPSK	1	3	23.16	23.26	23.17	23.5	1	
1.4	QPSK	1	5	23.38	23.40	23.21			
1.4	QPSK	3	0	23.39	23.42	23.42			
1.4	QPSK	3	1	23.20	23.28	23.17	23.5	1	
1.4	QPSK	3	3	23.36	23.40	23.09			
1.4	QPSK	6	0	22.20	22.18	22.20			
1.4	16QAM	1	0	22.45	22.28	22.55	23.5	1	
1.4	16QAM	1	3	22.30	22.26	22.30			
1.4	16QAM	1	5	22.58	22.51	22.46			
1.4	16QAM	3	0	22.46	22.25	22.46	22.5	2	
1.4	16QAM	3	1	22.33	22.26	22.26			
1.4	16QAM	3	3	22.62	22.48	22.48			
1.4	16QAM	6	0	21.11	21.11	21.10	22.5	2	
1.4	64QAM	1	0	21.19	21.27	21.19			
1.4	64QAM	1	3	21.42	21.21	21.29			
1.4	64QAM	1	5	21.43	21.30	21.25	21.5	3	
1.4	64QAM	3	0	21.13	21.32	21.14			
1.4	64QAM	3	1	21.36	21.20	21.27			
1.4	64QAM	3	3	21.36	21.35	21.24	21.5	3	
1.4	64QAM	6	0	20.22	20.22	20.19			

Band 12_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23065	23130	24.5	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.66	23.72	23.66			
10	QPSK	1	25	23.60	23.64	23.54	23.5	1	
10	QPSK	1	49	23.62	23.43	23.38			
10	QPSK	25	0	22.55	22.60	22.53			
10	QPSK	25	12	22.51	22.52	22.51	23.5	1	
10	QPSK	25	25	22.53	22.56	22.45			
10	QPSK	50	0	22.53	22.58	22.47			
10	16QAM	1	0	22.95	22.63	22.99	23.5	1	
10	16QAM	1	25	22.94	22.69	22.70			
10	16QAM	1	49	22.99	22.76	22.64			
10	16QAM	25	0	21.52	21.64	21.46	22.5	2	
10	16QAM	25	12	21.43	21.53	21.43			
10	16QAM	25	25	21.60	21.54	21.44			
10	16QAM	50	0	21.56	21.56	21.44	22.5	2	
10	64QAM	1	0	21.75	21.73	21.67			
10	64QAM	1	25	21.85	21.90	21.77			
10	64QAM	1	49	21.71	21.69	21.84	21.5	3	
10	64QAM	25	0	20.53	20.50	20.49			
10	64QAM	25	12	20.58	20.52	20.48			
10	64QAM	25	25	20.51	20.49	20.49	21.5	3	
10	64QAM	50	0	20.53	20.52	20.46			
Channel				23035	23095	23155	24.5 <th colspan="2" rowspan="3">0</th>	0	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.55	23.70	23.57			
5	QPSK	1	12	23.49	23.55	23.49	23.5	1	
5	QPSK	1	24	23.54	23.34	23.28			
5	QPSK	12	0	22.53	22.51	22.50			
5	QPSK	12	7	22.49	22.49	22.37	23.5	1	
5	QPSK	12	13	22.48	22.51	22.31			
5	QPSK	25	0	22.44	22.52	22.42			
5	16QAM	1	0	22.87	22.57	22.80	23.5	1	
5	16QAM	1	12	22.87	22.61	22.67			
5	16QAM	1	24	22.95	22.68	22.52			
5	16QAM	12	0	21.46	21.59	21.41	22.5	2	
5	16QAM	12	7	21.40	21.50	21.30			
5	16QAM	12	13	21.54	21.43	21.29			
5	16QAM	25	0	21.44	21.42	21.37	22.5	2	
5	64QAM	1	0	21.71	21.71	21.61			
5	64QAM	1	12	21.67	21.65	21.54			
5	64QAM	1	24	21.66	21.55	21.71	21.5	3	
5	64QAM	12	0	20.39	20.36	20.40			
5	64QAM	12	7	20.55	20.46	20.35			
5	64QAM	12	13	20.48	20.39	20.42	21.5	3	
5	64QAM	25	0	20.44	20.39	20.48			
Channel				23025	23095	23165	24.5 <th colspan="2" rowspan="3">0</th>	0	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	23.58	23.63	23.68			
3	QPSK	1	8	23.53	23.59	23.44	24.5	0	
3	QPSK	1	14	23.56	23.35	23.37			
3	QPSK	8	0	22.43	22.59	22.48			
3	QPSK	8	4	22.46	22.42	22.45	23.5	1	
3	QPSK	8	7	22.49	22.55	22.43			
3	QPSK	15	0	22.48	22.49	22.40			
3	16QAM	1	0	22.91	22.57	22.96	23.5	1	
3	16QAM	1	8	22.91	22.65	22.68			
3	16QAM	1	14	22.93	22.46	22.55			
3	16QAM	8	0	21.47	21.53	21.43	22.5	2	
3	16QAM	8	4	21.42	21.46	21.30			
3	16QAM	8	7	21.55	21.43	21.41			
3	16QAM	15	0	21.49	21.50	21.39	22.5	2	
3	64QAM	1	0	21.64	21.67	21.61			
3	64QAM	1	8	21.81	21.83	21.74			
3	64QAM	1	14	21.68	21.65	21.63	21.5	3	
3	64QAM	8	0	20.52	20.40	20.43			
3	64QAM	8	4	20.48	20.48	20.34			
3	64QAM	8	7	20.43	20.41	20.43	21.5	3	
3	64QAM	15	0	20.40	20.49	20.35			
Channel				23017	23095	23173	24.5 <th colspan="2" rowspan="3">0</th>	0	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.56	23.60	23.67			
1.4	QPSK	1	3	23.57	23.60	23.40	24.5	0	
1.4	QPSK	1	5	23.51	23.41	23.25			
1.4	QPSK	3	0	23.45	23.46	23.45			
1.4	QPSK	3	1	23.53	23.62	23.46	23.5	1	
1.4	QPSK	3	3	23.57	23.42	23.37			
1.4	QPSK	6	0	22.39	22.47	22.43			
1.4	16QAM	1	0	22.93	22.51	22.88	23.5	1	
1.4	16QAM	1	3	22.80	22.55	22.61			
1.4	16QAM	1	5	22.87	22.44	22.50			
1.4	16QAM	1	7	22.86	22.48	22.53	23.5	1	
1.4	16QAM	1	9	22.93	22.59	22.63			
1.4	16QAM	3	0	22.85	22.62	22.56			
1.4	16QAM	6	0	21.52	21.51	21.37	22.5	2	
1.4	64QAM	1	0	21.70	21.69	21.79			
1.4	64QAM	1	3	21.74	21.82	21.67			
1.4	64QAM	1	5	21.59	21.56	21.62	22.5	2	
1.4	64QAM	1	7	21.70	21.83	21.79			
1.4	64QAM	3	1	21.79	21.81	21.72			
1.4	64QAM	3	3	21.83	21.54	21.73	21.5	3	
1.4	64QAM	6	0	20.52	20.45	20.44			

Band 66_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Turn-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.40	23.45	23.44	24.5	0		
20	QPSK	1	49	23.34	23.35	23.42				
20	QPSK	1	99	23.12	23.24	23.26				
20	QPSK	50	0	22.30	22.42	22.40	23.5	1		
20	QPSK	50	24	22.30	22.33	22.35				
20	QPSK	50	50	22.26	22.28	22.36				
20	QPSK	100	0	22.32	22.40	22.36	23.5	1		
20	16QAM	1	0	22.59	22.48	22.65				
20	16QAM	1	49	22.64	22.57	22.64				
20	16QAM	1	99	22.42	22.45	22.47	22.5	2		
20	16QAM	50	0	21.28	21.33	21.45				
20	16QAM	50	24	21.29	21.33	21.42				
20	16QAM	50	50	21.25	21.29	21.35	22.5	2		
20	16QAM	100	0	21.23	21.30	21.39				
20	64QAM	1	0	21.40	21.38	21.55				
20	64QAM	1	49	21.40	21.51	21.52	22.5	2		
20	64QAM	1	99	21.31	21.38	21.46				
20	64QAM	50	0	20.30	20.34	20.49	21.5	3		
20	64QAM	50	24	20.32	20.34	20.44				
20	64QAM	50	50	20.27	20.29	20.38				
20	64QAM	100	0	20.25	20.31	20.41	Turn-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.38	23.38	23.30	24.5	0		
15	QPSK	1	37	23.27	23.31	23.31				
15	QPSK	1	74	23.04	23.10	23.15				
15	QPSK	36	0	22.23	22.33	22.26	23.5	1		
15	QPSK	36	20	22.19	22.31	22.33				
15	QPSK	36	39	22.14	22.13	22.23				
15	QPSK	75	0	22.28	22.37	22.23	23.5	1		
15	16QAM	1	0	22.56	22.35	22.53				
15	16QAM	1	37	22.63	22.43	22.58				
15	16QAM	1	74	22.33	22.36	22.46	22.5	2		
15	16QAM	36	0	21.14	21.30	21.24				
15	16QAM	36	20	21.13	21.27	21.33				
15	16QAM	36	39	21.13	21.14	21.26	22.5	2		
15	16QAM	75	0	21.22	21.26	21.38				
15	64QAM	1	0	21.33	21.34	21.52				
15	64QAM	1	37	21.26	21.47	21.38	22.5	2		
15	64QAM	1	74	21.29	21.36	21.33				
15	64QAM	36	0	20.19	20.32	20.48	21.5	3		
15	64QAM	36	20	20.20	20.30	20.38				
15	64QAM	36	39	20.26	20.25	20.24				
15	64QAM	75	0	20.21	20.23	20.33	Turn-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.39	23.31	23.37	24.5	0		
10	QPSK	1	25	23.21	23.33	23.29				
10	QPSK	1	49	23.10	23.14	23.16				
10	QPSK	25	0	22.29	22.37	22.27	23.5	1		
10	QPSK	25	12	22.18	22.22	22.23				
10	QPSK	25	25	22.19	22.25	22.31				
10	QPSK	50	0	22.20	22.30	22.34	23.5	1		
10	16QAM	1	0	22.46	22.34	22.51				
10	16QAM	1	25	22.56	22.50	22.63				
10	16QAM	1	49	22.33	22.42	22.40	22.5	2		
10	16QAM	25	0	21.19	21.24	21.36				
10	16QAM	25	12	21.19	21.28	21.33				
10	16QAM	25	25	21.19	21.26	21.33	22.5	2		
10	16QAM	50	0	21.16	21.22	21.25				
10	64QAM	1	0	21.30	21.23	21.52				
10	64QAM	1	25	21.26	21.41	21.43	22.5	2		
10	64QAM	1	49	21.30	21.27	21.43				
10	64QAM	25	0	20.20	20.32	20.37				
10	64QAM	25	12	20.23	20.29	20.34	21.5	3		
10	64QAM	25	25	20.15	20.21	20.25				
10	64QAM	50	0	20.14	20.28	20.37				
10	64QAM	50	0	20.14	20.28	20.37	Turn-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.35	23.39	23.32	24.5	0		
5	QPSK	1	12	23.29	23.27	23.36				
5	QPSK	1	24	23.00	23.12	23.11				
5	QPSK	12	0	22.24	22.33	22.26	23.5	1		
5	QPSK	12	7	22.21	22.31	22.26				
5	QPSK	12	13	22.11	22.18	22.25				
5	QPSK	25	0	22.17	22.32	22.23	23.5	1		
5	16QAM	1	0	22.54	22.35	22.61				
5	16QAM	1	12	22.59	22.44	22.58				
5	16QAM	1	24	22.37	22.42	22.40	22.5	2		
5	16QAM	12	0	21.25	21.29	21.44				
5	16QAM	12	7	21.24	21.19	21.28				
5	16QAM	12	13	21.24	21.21	21.29	22.5	2		
5	16QAM	25	0	21.21	21.27	21.24				
5	64QAM	1	0	21.26	21.34	21.49				
5	64QAM	1	12	21.27	21.36	21.45	22.5	2		
5	64QAM	1	24	21.20	21.27	21.32				
5	64QAM	12	0	20.20	20.25	20.35	21.5	3		
5	64QAM	12	7	20.29	20.27	20.29				
5	64QAM	12	13	20.21	20.28	20.32				
5	64QAM	25	0	20.10	20.21	20.28	Turn-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
3	QPSK	1	0	23.32	23.41	23.40	24.5	0		
3	QPSK	1	8	23.32	23.20	23.38				
3	QPSK	1	14	22.99	23.17	23.22				
3	QPSK	8	0	22.31	22.32	22.34	23.5	1		
3	QPSK	8	4	22.18	22.29	22.34				
3	QPSK	8	8	22.18	22.24	22.33				
3	QPSK	15	0	22.20	22.31	22.25	23.5	1		
3	16QAM	1	0	22.48	22.45	22.54				
3	16QAM	1	8	22.49	22.48	22.51				
3	16QAM	1	14	22.40	22.37	22.46	22.5	2		
3	16QAM	8	0	21.22	21.19	21.39				
3	16QAM	8	4	21.14	21.22	21.37				
3	16QAM	8	7	21.15	21.18	21.32	22.5	2		
3	16QAM	15	0	21.14	21.18	21.33				
3	64QAM	1	0	21.32	21.24	21.49				
3	64QAM	1	8	21.26	21.45	21.43	22.5	2		
3	64QAM	1	14	21.16	21.31	21.41				
3	64QAM	8	0	20.29	20.33	20.47	21.5	3		
3	64QAM	8	4	20.24	20.26	20.33				
3	64QAM	8	7	20.24	20.19	20.33				
3	64QAM	15	0	20.18	20.25	20.36	Turn-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	23.33	23.34	23.35	24.5	0		
1.4	QPSK	1	3	23.27	23.33	23.38				
1.4	QPSK	1	5	23.04	23.11	23.19				
1.4	QPSK	3	0	23.37	23.41	23.36	23.5	1		
1.4	QPSK	3	1	23.26	23.30	23.30				
1.4	QPSK	3	3	23.37	23.18	23.32				
1.4	QPSK	6	0	22.21	22.34	22.35	23.5	1		
1.4	16QAM	1	0	22.52	22.45	22.63				
1.4	16QAM	1	3	22.58	22.47	22.58				
1.4	16QAM	1	5	22.30	22.44	22.35	23.5	1		
1.4	16QAM	3	0	22.47	22.41	22.60				
1.4	16QAM	3	1	22.60	22.56	22.50				
1.4	16QAM	3	3	22.35	22.34	22.34	22.5	2		
1.4	16QAM	6	0	21.21	21.18	21.28				
1.4	64QAM	1	0	21.29	21.37	21.42				
1.4	64QAM	1	3	21.25	21.41	21.45	22.5	2		
1.4	64QAM	1	5	21.19	21.29	21.36				
1.4	64QAM	3	0	21.29	21.37	21.53				
1.4	64QAM	3	1	21.36	21.50	21.45	21.5	3		
1.4	64QAM	3	3	21.29	21.37	21.43				
1.4	64QAM	6	0	20.14	20.21	20.33				

LTE Band 71_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Inst (dBm)	MPR (dB)	
Channel				133222	133297	133372	24.5	0	
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.36	23.41	23.34			
20	QPSK	1	49	23.21	23.24	23.20			
20	QPSK	1	99	23.16	23.22	23.22	23.5	1	
20	QPSK	50	0	22.35	22.39	22.39			
20	QPSK	50	24	22.29	22.29	22.25			
20	QPSK	50	50	22.33	22.23	22.24			
20	QPSK	100	0	22.31	22.34	22.26	23.5	1	
20	16QAM	1	0	22.53	22.52	22.53			
20	16QAM	1	49	22.48	22.44	22.48			
20	16QAM	1	99	22.49	22.54	22.56			
20	16QAM	50	0	21.35	21.21	21.23	22.5	2	
20	16QAM	50	24	21.27	21.26	21.27			
20	16QAM	50	50	21.34	21.29	21.25			
20	16QAM	100	0	21.35	21.22	21.25			
20	64QAM	1	0	21.42	21.44	21.46	22.5	2	
20	64QAM	1	49	21.34	21.45	21.35			
20	64QAM	1	99	21.40	21.49	21.51			
20	64QAM	50	0	20.34	20.23	20.22			
20	64QAM	50	24	20.25	20.31	20.29	21.5	3	
20	64QAM	50	50	20.35	20.31	20.27			
20	64QAM	100	0	20.36	20.26	20.24			
Channel				133197	133297	133397	24.5	0	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.30	23.31	23.06			
15	QPSK	1	37	23.12	23.08	23.10			
15	QPSK	1	74	23.11	22.99	23.13	23.5	1	
15	QPSK	36	0	22.26	22.14	22.04			
15	QPSK	36	20	22.07	22.04	22.06			
15	QPSK	36	39	22.20	22.05	22.15			
15	QPSK	75	0	22.22	22.16	22.09	23.5	1	
15	16QAM	1	0	22.36	22.46	22.44			
15	16QAM	1	37	22.36	22.20	22.24			
15	16QAM	1	74	22.39	22.34	22.45			
15	16QAM	36	0	21.12	20.97	21.14	22.5	2	
15	16QAM	36	20	21.06	21.21	21.21			
15	16QAM	36	39	21.09	21.10	21.04			
15	16QAM	75	0	21.29	21.09	21.05			
15	64QAM	1	0	21.22	21.27	21.22	22.5	2	
15	64QAM	1	37	21.19	21.36	21.24			
15	64QAM	1	74	21.30	21.28	21.44			
15	64QAM	36	0	20.15	20.16	20.00			
15	64QAM	36	20	20.17	20.26	20.24	21.5	3	
15	64QAM	36	39	20.24	20.35	20.10			
15	64QAM	75	0	20.27	20.14	20.08			
Channel				133172	133297	133422	24.5	0	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	0	23.28	23.16	23.17			
10	QPSK	1	25	23.03	23.18	23.07			
10	QPSK	1	49	22.96	23.00	23.08	23.5	1	
10	QPSK	25	0	22.30	22.15	22.16			
10	QPSK	25	12	22.21	22.29	22.06			
10	QPSK	25	25	22.15	21.98	21.99			
10	QPSK	50	0	22.25	22.19	22.02	23.5	1	
10	16QAM	1	0	22.37	22.43	22.41			
10	16QAM	1	25	22.36	22.31	22.28			
10	16QAM	1	49	22.39	22.31	22.46			
10	16QAM	25	0	21.16	21.05	21.03	22.5	2	
10	16QAM	25	12	21.14	21.29	21.19			
10	16QAM	25	25	21.13	21.22	21.10			
10	16QAM	50	0	21.29	21.03	21.06			
10	64QAM	1	0	21.35	21.30	21.34	22.5	2	
10	64QAM	1	25	21.19	21.38	21.12			
10	64QAM	1	49	21.33	21.26	21.43			
10	64QAM	25	0	20.20	20.18	20.11			
10	64QAM	25	12	20.03	20.10	20.21	21.5	3	
10	64QAM	25	25	20.24	20.19	20.08			
10	64QAM	50	0	20.21	20.18	20.06			
Channel				133147	133297	133447	24.5	0	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	23.27	23.35	23.10			
5	QPSK	1	12	23.04	23.09	23.00			
5	QPSK	1	24	23.02	23.09	23.02	23.5	1	
5	QPSK	12	0	22.22	22.30	22.09			
5	QPSK	12	7	22.21	22.29	22.06			
5	QPSK	12	13	22.12	22.11	22.10			
5	QPSK	25	0	22.26	22.12	22.07	23.5	1	
5	16QAM	1	0	22.34	22.33	22.36			
5	16QAM	1	12	22.30	22.36	22.43			
5	16QAM	1	24	22.29	22.36	22.42			
5	16QAM	12	0	21.29	20.98	21.18	22.5	2	
5	16QAM	12	7	21.07	21.16	21.16			
5	16QAM	12	13	21.29	21.16	21.21			
5	16QAM	25	0	21.15	21.05	21.09			
5	64QAM	1	0	21.24	21.20	21.33	22.5	2	
5	64QAM	1	12	21.20	21.30	21.17			
5	64QAM	1	24	21.31	21.29	21.36			
5	64QAM	12	0	20.10	20.17	20.13			
5	64QAM	12	7	20.15	20.16	20.10	21.5	3	
5	64QAM	12	13	20.20	20.06	20.22			
5	64QAM	25	0	20.19	20.18	20.08			

LTE Band 71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Inst (dBm)	MPR (dB)	
Channel				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.62	23.69	23.55	24.5	0	
20	QPSK	1	49	23.49	23.50	23.53			
20	QPSK	1	99	23.58	23.59	23.47			
20	QPSK	50	0	22.69	22.71	22.57			
20	QPSK	50	24	22.64	22.63	22.53	23.5	1	
20	QPSK	50	50	22.61	22.64	22.55			
20	QPSK	100	0	22.61	22.69	22.53			
20	16QAM	1	0	22.85	22.92	22.84			
20	16QAM	1	49	22.82	22.88	22.74	23.5	1	
20	16QAM	1	99	22.77	22.79	22.89			
20	16QAM	50	0	21.75	21.62	21.52	22.5	2	
20	16QAM	50	24	21.63	21.59	21.59			
20	16QAM	50	50	21.65	21.62	21.54			
20	16QAM	100	0	21.65	21.57	21.52			
20	64QAM	1	0	21.69	21.73	21.73	22.5	2	
20	64QAM	1	49	21.87	21.71	21.66			
20	64QAM	1	99	21.63	21.72	21.62			
20	64QAM	50	0	20.68	20.62	20.51			
20	64QAM	50	24	20.60	20.64	20.61	21.5	3	
20	64QAM	50	50	20.69	20.64	20.58			
20	64QAM	100	0	20.64	20.64	20.55			
Channel				133197	133297	133397	Tune-up Inst (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.51	23.45	23.48	24.5	0	
15	QPSK	1	37	23.36	23.33	23.48			
15	QPSK	1	74	23.50	23.51	23.26			
15	QPSK	36	0	22.50	22.34	22.52			
15	QPSK	36	20	22.48	22.46	22.30	23.5	1	
15	QPSK	36	39	22.44	22.54	22.41			
15	QPSK	75	0	22.43	22.60	22.42			
15	16QAM	1	0	22.64	22.79	22.79			
15	16QAM	1	37	22.76	22.68	22.50	23.5	1	
15	16QAM	1	74	22.53	22.56	22.46			
15	16QAM	36	0	21.57	21.49	21.35	22.5	2	
15	16QAM	36	20	21.54	21.54	21.47			
15	16QAM	36	39	21.51	21.56	21.41			
15	16QAM	75	0	21.46	21.42	21.30			
15	64QAM	1	0	21.53	21.56	21.61	22.5	2	
15	64QAM	1	37	21.82	21.55	21.53			
15	64QAM	1	74	21.54	21.63	21.51			
15	64QAM	36	0	20.44	20.37	20.44			
15	64QAM	36	20	20.50	20.34	20.40	21.5	3	
15	64QAM	36	39	20.53	20.43	20.39			
15	64QAM	75	0	20.52	20.41	20.35			
Channel				133172	133297	133422	Tune-up Inst (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	0	23.56	23.47	23.48	24.5	0	
10	QPSK	1	25	23.34	23.33	23.40			
10	QPSK	1	49	23.34	23.51	23.27			
10	QPSK	25	0	22.51	22.63	22.40			
10	QPSK	25	12	22.48	22.41	22.46	23.5	1	
10	QPSK	25	25	22.36	22.35	22.35			
10	QPSK	50	0	22.41	22.47	22.44			
10	16QAM	1	0	22.79	22.69	22.77			
10	16QAM	1	25	22.71	22.56	22.57	23.5	1	
10	16QAM	1	49	22.52	22.54	22.48			
10	16QAM	25	0	21.52	21.53	21.39			
10	16QAM	25	12	21.43	21.36	21.36			
10	16QAM	25	25	21.53	21.54	21.40	22.5	2	
10	16QAM	50	0	21.59	21.49	21.32			
10	64QAM	1	0	21.55	21.58	21.62			
10	64QAM	1	25	21.75	21.64	21.50			
10	64QAM	1	49	21.49	21.51	21.55	22.5	2	
10	64QAM	25	0	20.54	20.39	20.35			
10	64QAM	25	12	20.41	20.42	20.35			
10	64QAM	25	25	20.50	20.50	20.44			
10	64QAM	50	0	20.54	20.46	20.49	21.5	3	
Channel				133147	133297	133447			
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	23.53	23.56	23.34	24.5	0	
5	QPSK	1	12	23.43	23.45	23.48			
5	QPSK	1	24	23.44	23.49	23.42			
5	QPSK	12	0	22.63	22.51	22.36			
5	QPSK	12	7	22.44	22.47	22.44	23.5	1	
5	QPSK	12	13	22.41	22.53	22.37			
5	QPSK	25	0	22.47	22.62	22.29			
5	16QAM	1	0	22.76	22.76	22.60			
5	16QAM	1	12	22.68	22.78	22.62	23.5	1	
5	16QAM	1	24	22.71	22.54	22.47			
5	16QAM	12	0	21.50	21.46	21.45			
5	16QAM	12	7	21.46	21.53	21.47			
5	16QAM	12	13	21.60	21.50	21.43	22.5	2	
5	16QAM	25	0	21.49	21.48	21.39			
5	64QAM	1	0	21.60	21.59	21.50			
5	64QAM	1	12	21.74	21.46	21.52			
5	64QAM	1	24	21.51	21.47	21.46	22.5	2	
5	64QAM	12	0	20.63	20.46	20.35			
5	64QAM	12	7	20.56	20.56	20.37			
5	64QAM	12	13	20.45	20.55	20.35			
5	64QAM	25	0	20.57	20.58	20.47	21.5	3	

Band 41_Ant 1												
RF (MHz)	Modulation	RF Sub	RF Offset	Power Level (Ch. Freq.)	Power Level (Ch. Freq.)	Power Level (Ch. Freq.)	Power Level (Ch. Freq.)	Power Level (Ch. Freq.)	Power Level (Ch. Freq.)	Timing (ms)	MPR (dB)	
Channel				36750	46165	46620	47035	47450				
20	QPSK	1	0	20.15	20.15	20.15	20.15	20.15				
20	QPSK	1	48	21.04	22.96	23.53	23.20	23.47		24.5	0	
20	QPSK	1	96	22.93	22.92	23.51	23.20	23.47				
20	QPSK	1	144	23.82	23.82	23.82	23.82	23.82				
20	QPSK	1	192	24.71	21.88	22.42	22.13	22.28		25.5	1	
20	QPSK	1	240	25.60	21.87	22.46	22.13	22.28				
20	QPSK	1	288	26.49	21.88	22.47	22.13	22.28				
20	QPSK	1	336	27.38	21.89	22.48	22.13	22.28				
20	QPSK	1	384	28.27	21.90	22.49	22.13	22.28				
20	QPSK	1	432	29.16	21.91	22.50	22.14	21.94				
20	QPSK	1	480	30.05	21.92	22.51	22.13	22.28				
20	QPSK	1	528	30.94	21.93	22.52	22.13	22.28				
20	QPSK	1	576	31.83	21.94	22.53	22.13	22.28				
20	QPSK	1	624	32.72	21.95	22.54	22.13	22.28				
20	QPSK	1	672	33.61	21.96	22.55	22.13	22.28				
20	QPSK	1	720	34.50	21.97	22.56	22.13	22.28				
20	QPSK	1	768	35.39	21.98	22.57	22.13	22.28				
20	QPSK	1	816	36.28	21.99	22.58	22.13	22.28				
20	QPSK	1	864	37.17	22.00	22.59	22.13	22.28				
20	QPSK	1	912	38.06	22.01	22.60	22.13	22.28				
20	QPSK	1	960	38.95	22.02	22.61	22.13	22.28				
20	QPSK	1	1008	39.84	22.03	22.62	22.13	22.28				
20	QPSK	1	1056	40.73	22.04	22.63	22.13	22.28				
20	QPSK	1	1104	41.62	22.05	22.64	22.13	22.28				
20	QPSK	1	1152	42.51	22.06	22.65	22.13	22.28				
20	QPSK	1	1200	43.40	22.07	22.66	22.13	22.28				
20	QPSK	1	1248	44.29	22.08	22.67	22.13	22.28				
20	QPSK	1	1296	45.18	22.09	22.68	22.13	22.28				
20	QPSK	1	1344	46.07	22.10	22.69	22.13	22.28				
20	QPSK	1	1392	46.96	22.11	22.70	22.13	22.28				
20	QPSK	1	1440	47.85	22.12	22.71	22.13	22.28				
20	QPSK	1	1488	48.74	22.13	22.72	22.13	22.28				
20	QPSK	1	1536	49.63	22.14	22.73	22.13	22.28				
20	QPSK	1	1584	50.52	22.15	22.74	22.13	22.28				
20	QPSK	1	1632	51.41	22.16	22.75	22.13	22.28				
20	QPSK	1	1680	52.30	22.17	22.76	22.13	22.28				
20	QPSK	1	1728	53.19	22.18	22.77	22.13	22.28				
20	QPSK	1	1776	54.08	22.19	22.78	22.13	22.28				
20	QPSK	1	1824	54.97	22.20	22.79	22.13	22.28				
20	QPSK	1	1872	55.86	22.21	22.80	22.13	22.28				
20	QPSK	1	1920	56.75	22.22	22.81	22.13	22.28				
20	QPSK	1	1968	57.64	22.23	22.82	22.13	22.28				
20	QPSK	1	2016	58.53	22.24	22.83	22.13	22.28				
20	QPSK	1	2064	59.42	22.25	22.84	22.13	22.28				
20	QPSK	1	2112	60.31	22.26	22.85	22.13	22.28				
20	QPSK	1	2160	61.20	22.27	22.86	22.13	22.28				
20	QPSK	1	2208	62.09	22.28	22.87	22.13	22.28				
20	QPSK	1	2256	62.98	22.29	22.88	22.13	22.28				
20	QPSK	1	2304	63.87	22.30	22.89	22.13	22.28				
20	QPSK	1	2352	64.76	22.31	22.90	22.13	22.28				
20	QPSK	1	2400	65.65	22.32	22.91	22.13	22.28				
20	QPSK	1	2448	66.54	22.33	22.92	22.13	22.28				
20	QPSK	1	2496	67.43	22.34	22.93	22.13	22.28				
20	QPSK	1	2544	68.32	22.35	22.94	22.13	22.28				
20	QPSK	1	2592	69.21	22.36	22.95	22.13	22.28				
20	QPSK	1	2640	70.10	22.37	22.96	22.13	22.28				
20	QPSK	1	2688	70.99	22.38	22.97	22.13	22.28				
20	QPSK	1	2736	71.88	22.39	22.98	22.13	22.28				
20	QPSK	1	2784	72.77	22.40	22.99	22.13	22.28				
20	QPSK	1	2832	73.66	22.41	23.00	22.13	22.28				
20	QPSK	1	2880	74.55	22.42	23.01	22.13	22.28				
20	QPSK	1	2928	75.44	22.43	23.02	22.13	22.28				
20	QPSK	1	2976	76.33	22.44	23.03	22.13	22.28				
20	QPSK	1	3024	77.22	22.45	23.04	22.13	22.28				
20	QPSK	1	3072	78.11	22.46	23.05	22.13	22.28				
20	QPSK	1	3120	79.00	22.47	23.06	22.13	22.28				
20	QPSK	1	3168	79.89	22.48	23.07	22.13	22.28				
20	QPSK	1	3216	80.78	22.49	23.08	22.13	22.28				
20	QPSK	1	3264	81.67	22.50	23.09	22.13	22.28				
20	QPSK	1	3312	82.56	22.51	23.10	22.13	22.28				
20	QPSK	1	3360	83.45	22.52	23.11	22.13	22.28				
20	QPSK	1	3408	84.34	22.53	23.12	22.13	22.28				
20	QPSK	1	3456	85.23	22.54	23.13	22.13	22.28				
20	QPSK	1	3504	86.12	22.55	23.14	22.13	22.28				
20	QPSK	1	3552	87.01	22.56	23.15	22.13	22.28				
20	QPSK	1	3600	87.90	22.57	23.16	22.13	22.28				
20	QPSK	1	3648	88.79	22.58	23.17	22.13	22.28				
20	QPSK	1	3696	89.68	22.59	23.18	22.13	22.28				
20	QPSK	1	3744	90.57	22.60	23.19	22.13	22.28				
20	QPSK	1	3792	91.46	22.61	23.20	22.13	22.28				
20	QPSK	1	3840	92.35	22.62	23.21	22.13	22.28				
20	QPSK	1	3888	93.24	22.63	23.22	22.13	22.28				
20	QPSK	1	3936	94.13	22.64	23.23	22.13	22.28				
20	QPSK	1	3984	95.02	22.65	23.24	22.13	22.28				
20	QPSK	1	4032	95.91	22.66	23.25	22.13	22.28				
20	QPSK	1	4080	96.80	22.67	23.26	22.13	22.28				
20	QPSK	1	4128	97.69	22.68	23.27	22.13	22.28				
20	QPSK	1	4176	98.58	22.69	23.28	22.13	22.28				
20	QPSK	1	4224	99.47	22.70	23.29	22.13	22.28				
20	QPSK	1	4272	100.36	22.71	23.30	22.13	22.28				
20	QPSK	1	4320	101.25	22.72	23.31	22.13	22.28				
20	QPSK	1	4368	102.14	22.73	23.32	22.13	22.28				
20	QPSK	1	4416	103.03	22.74	23.33	22.13	22.28				
20	QPSK	1	4464	103.92	22.75	23.34	22.13	22.28				
20	QPSK	1	4512	104.81	22.76	23.35	22.13	22.28				
20	QPSK	1	4560	105.70	22.77	23.36	22.13	22.28				
20	QPSK	1	4608	106.59	22.78	23.37	22.13	22.28				
20	QPSK	1	4656	107.48	22.79	23.38	22.13	22.28				
20	QPSK	1	4704	108.37	22.80	23.39	22.13	22.28				
20	QPSK	1	4752	109.26	22.81	23.40	22.13	22.28				
20	QPSK	1	4800	110.15	22.82	23.41	22.13	22.28				
20	QPSK	1	4848	111.04	22.83	23.42	22.13	22.28				
20	QPSK	1	4896	111.93	22.84	23.43	22.13	22.28				
20	QPSK	1	4944	112.82	22.85	23.44	22.13	22.28				
20	QPSK	1	4992	113.71	22.86	23.45	22.13	22.28				
20	QPSK	1	5040	114.60	22.87	23.46	22.13	22.28				
20	QPSK	1	5088	115.49	22.88	23.47	22.13	22.28				
20	QPSK	1	5136	116.38	22.89	23.48	22.13	22.28				
20	QPSK	1	5184	117.27	22.90	23.49	22.13	22.28				
20	QPSK	1	5232	118.16	22.91	23.50	22.13	22.28				
20	QPSK	1	5280	119.05	22.92	23.51	22.13	22.28				
20	QPSK	1	5328	119.94	22.93	23.52	22.13	22.28				
20	QPSK	1	5376	120.83	22.94	23.53	22.13	22.28				
20	QPSK	1	5424	121.72	22.95	23.54	22.13	22.28				
20	QPSK	1	5472	122.61	22.96	23.55	22.13	22.28				
20	QPSK	1	5520	123.50	22.97	23.56	22.13	22.28				
20	QPSK	1	5568	124.39	22.98	23.57	22.13	22.28				
20	QPSK	1	5616	125.28	22.99	23.58	22.13	22.28				
20	QPSK	1	5664	126.17	23.00	23.59	22.13	22.28				
20	QPSK	1	5712	127.06	23.01	23.60	22.13	22.28				
20	QPSK	1	5760	127.95	23.02	23.61	22.13	22.28				
20	QPSK	1	5808	128.84	23.03	23.62	22.13	22.28				
20	QPSK	1	5856	129.73	23.04	23.63	22.13	22.28				
20	QPSK	1	5904	130.62	23.05	23.64	22.13	22.28				
20	QPSK	1	5952	131.51	23.06	23.65	22.13	22.28				
20	QPSK	1	6000	132.40	23.07	23.66	22.13	22.28				
20	QPSK	1	6048	13								

Band 41_Ant 2												
RF (MHz)	Modulation	RF Sub	RF Offset	Power Level (dBm)	Power Level (dBm)	Power Level (dBm)	Power Level (dBm)	Power Level (dBm)	Power Level (dBm)	Power Level (dBm)	Transmit Time (sec)	Mbps (sec)
Channel												
				36750	40165	40620	41075	41530	41985	42440		
10	QPSK	1	0	20	21.7	23.3	24.9	26.5	28.1	29.7	24.5	0
20	QPSK	1	45	21.68	23.28	24.88	26.48	28.08	29.68	31.28	24.5	0
20	QPSK	1	90	21.68	23.28	24.88	26.48	28.08	29.68	31.28	24.5	0
20	QPSK	1	135	21.68	23.28	24.88	26.48	28.08	29.68	31.28	24.5	0
20	QPSK	10	20	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	65	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	110	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	155	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	200	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	245	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	290	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	335	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	380	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	425	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	470	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	515	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	560	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	605	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	650	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	695	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	740	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	785	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	830	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	875	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	920	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	965	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	1010	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	1055	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	1100	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	1145	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	1190	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	1235	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	1280	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	1325	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	1370	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	1415	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	1460	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	1505	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	1550	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	1595	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	1640	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	1685	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	1730	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	1775	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	1820	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	1865	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	1910	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	1955	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	2000	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	2045	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	2090	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	2135	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	2180	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	2225	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	2270	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	2315	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	2360	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	2405	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	2450	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	2495	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	2540	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	2585	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	2630	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	2675	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	2720	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	2765	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	2810	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	2855	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	2900	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	2945	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	2990	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	3035	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	3080	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	3125	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	3170	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	3215	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	3260	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	3305	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	3350	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	3395	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	3440	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	3485	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	3530	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	3575	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	3620	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	3665	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	3710	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	3755	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	3800	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	3845	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	3890	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	3935	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	3980	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	4025	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	4070	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	4115	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	4160	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	4205	22.67	24.27	25.87	27.47	29.07	30.67	32.27	25.5	1
20	QPSK	10	4250	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	4295	22.69	24.29	25.89	27.49	29.09	30.69	32.29	25.5	1
20	QPSK	10	4340	22.68	24.28	25.88	27.48	29.08	30.68	32.28	25.5	1
20	QPSK	10	4385	22.67	24.27							

Band 41_Ant 4												
BR (MHz)	Modulation	RB Size	BR Offset	Power Ch. (F)	Power Ch. (F)	Power Ch. (F)	Power Ch. (F)	Power Ch. (F)	Power Ch. (F)	Turnup rate (dBm)	MPR dB	
Channel												
	Frequency (MHz)			39700	40185	40650	41155	41650				
20	QPSK	1	0	23.40	23.40	23.40	23.40	23.40				
20	QPSK	1	0	23.57	23.58	23.60	23.63	23.65	24.5	0		
20	QPSK	1	0	23.44	23.48	23.51	23.54	23.56				
20	QPSK	1	0	23.46	23.50	23.53	23.56	23.58				
20	QPSK	1	0	23.47	23.47	23.18	23.20	23.27	23.5	1		
20	QPSK	100	0	23.45	23.47	23.50	23.52	23.56				
20	QPSK	1	0	23.54	23.58	23.58	23.53	23.51				
20	QPSK	1	0	23.43	23.43	23.20	23.22	23.23	23.5	1		
20	QPSK	1	0	23.61	23.59	23.25	23.40	23.28				
20	QPSK	50	0	21.48	21.38	21.54	21.34	21.27				
20	QPSK	50	0	21.48	21.38	21.54	21.34	21.27				
20	QPSK	50	0	21.56	21.38	21.38	21.30	21.32	22.5	2		
20	QPSK	100	0	21.53	21.53	21.12	21.30	21.26				
20	QPSK	1	0	21.52	21.52	21.12	21.30	21.26				
20	QPSK	1	0	21.34	21.34	21.04	21.19	21.06	22.5	2		
20	QPSK	1	0	21.31	21.31	20.20	21.11	20.28				
20	QPSK	1	0	20.57	20.54	20.54	20.54	20.58				
20	QPSK	100	0	20.55	20.57	20.20	20.31	20.28	21.5	3		
20	QPSK	100	0	20.57	20.54	20.54	20.54	20.58				
20	QPSK	100	0	39725	40173	40650	41168	41615			Turnup rate (dBm) MPR (dB)	
15	QPSK	1	0	23.51	23.50	23.30	23.36	23.35				
15	QPSK	1	0	23.55	23.56	23.36	23.34	23.37	24.5	0		
15	QPSK	1	0	23.48	23.50	23.25	23.22	23.24				
15	QPSK	1	0	23.48	23.50	23.25	23.22	23.23				
15	QPSK	36	0	22.47	22.30	22.25	22.18	22.12	23.5	1		
15	QPSK	36	0	22.42	22.30	22.26	22.22	22.21				
15	QPSK	36	0	22.45	22.31	22.31	22.21	22.21				
15	QPSK	36	0	22.61	22.48	22.38	22.14	22.12				
15	QPSK	36	0	22.31	22.31	22.31	22.31	22.31	23.5	1		
15	QPSK	74	0	22.38	22.37	22.37	22.29	22.18				
15	QPSK	36	0	21.34	21.28	21.19	21.22	21.20				
15	QPSK	36	0	21.23	21.28	21.28	21.28	21.28	22.5	2		
15	QPSK	36	0	21.43	21.37	21.38	21.38	21.37				
15	QPSK	74	0	21.42	21.19	21.18	21.27	21.20				
15	QPSK	74	0	21.23	21.27	21.27	21.27	21.27	22.5	2		
15	QPSK	1	0	21.28	20.56	20.10	20.33	20.10	22.5	2		
15	QPSK	1	0	21.18	21.00	20.99	20.67	20.86				
15	QPSK	1	0	20.94	20.94	20.94	20.94	20.94				
15	QPSK	36	0	20.53	20.52	20.26	20.18	20.13	21.5	3		
15	QPSK	36	0	20.44	20.41	20.42	20.42	20.46				
15	QPSK	36	0	20.48	20.48	20.23	20.23	20.23				
15	QPSK	36	0	39700	40160	40650	41155	41650			Turnup rate (dBm) MPR (dB)	
10	QPSK	1	0	23.50	23.52	23.30	23.32	23.35				
10	QPSK	1	0	23.50	23.53	23.33	23.38	23.39	24.5	0		
10	QPSK	1	0	23.50	23.51	23.26	23.30	23.26				
10	QPSK	1	0	23.50	23.51	23.26	23.30	23.26				
10	QPSK	25	12	22.52	22.32	22.22	22.10	22.10	23.5	1		
10	QPSK	25	12	22.49	22.37	22.24	22.16	22.12				
10	QPSK	25	12	22.53	22.35	22.26	22.14	22.12				
10	QPSK	1	0	22.43	22.38	22.23	22.18	22.12				
10	QPSK	1	0	22.43	22.38	22.23	22.18	22.12	23.5	1		
10	QPSK	1	0	22.49	22.36	22.23	22.10	22.12				
10	QPSK	25	12	21.38	21.34	21.34	21.28	21.11				
10	QPSK	25	12	21.48	21.38	21.34	21.27	21.04	22.5	2		
10	QPSK	50	0	21.38	21.31	21.22	21.16	20.97				
10	QPSK	50	0	21.38	21.31	21.22	21.16	20.97				
10	QPSK	1	0	21.33	21.00	21.03	20.90	20.85	22.5	2		
10	QPSK	1	0	21.19	21.07	20.96	20.81	20.82				
10	QPSK	1	0	20.94	20.94	20.94	20.94	20.94	22.5	2		
10	QPSK	25	12	20.48	20.48	20.27	20.23	20.18	21.5	3		
10	QPSK	25	12	20.53	20.37	20.23	20.26	20.18				
10	QPSK	25	12	20.38	20.38	20.36	20.31	20.25				
10	QPSK	25	12	39675	40144	40650	41165	41650			Turnup rate (dBm) MPR (dB)	
5	QPSK	1	0	23.53	23.43	23.31	23.17	23.11	24.5	0		
5	QPSK	1	12	23.44	23.30	23.20	23.08	23.03				
5	QPSK	1	24	23.34	23.16	23.04	23.22	23.19				
5	QPSK	1	0	23.44	23.30	23.20	23.08	23.03				
5	QPSK	12	7	22.44	22.32	22.26	22.19	22.13	23.5	1		
5	QPSK	12	13	22.55	22.19	22.20	22.16	22.23				
5	QPSK	36	0	22.38	22.28	22.21	22.11	22.11				
5	QPSK	1	0	22.47	22.35	22.25	22.20	22.24	23.5	1		
5	QPSK	1	0	22.45	22.41	22.37	22.34	22.34				
5	QPSK	1	0	22.48	22.37	22.34	22.28	22.28				
5	QPSK	12	0	21.37	21.22	21.33	21.28	21.16				
5	QPSK	12	18	21.38	21.28	21.28	21.28	21.08	22.5	2		
5	QPSK	12	18	21.48	21.38	21.34	21.27	21.04				
5	QPSK	25	0	21.46	21.31	21.17	21.25	21.40				
5	QPSK	25	0	21.47	21.32	21.28	21.28	21.03	22.5	2		
5	QPSK	12	18	21.27	20.96	21.18	20.82	20.89				
5	QPSK	1	24	21.20	21.06	20.96	20.81	20.82				
5	QPSK	1	24	21.20	21.06	20.96	20.81	20.82				
5	QPSK	12	18	20.43	20.50	20.26	20.22	20.29	21.5	3		
5	QPSK	12	18	20.52	20.32	20.28	20.16	20.17				
5	QPSK	12	18	20.44	20.22	20.21	20.17	20.17				

Part 96_Band 48_Ant 1										
BW (MHz)	Modulation	FS (Hz)	FS Offset	Power Low Ch / Freq.	Power Low-Mid Ch / Freq.	Power High-Mid Ch / Freq.	Power High Ch / Freq.	Turn-on time (min)	APR (dB)	
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.51	22.48	22.45	22.45			
20	QPSK	1	48	22.49	22.37	22.41	22.41	23	0	
20	QPSK	1	96	22.44	22.37	22.41	22.41			
20	QPSK	50	0	21.58	21.55	21.51	21.49			
20	QPSK	50	24	21.48	21.51	21.50	21.50	22	1	
20	QPSK	50	48	21.43	21.51	21.44	21.45			
20	QPSK	100	0	21.58	21.42	21.50	21.48			
20	QPSK	1	0	21.49	21.58	21.57	21.57	22	1	
20	QPSK	1	48	21.44	21.54	21.48	21.48			
20	QPSK	1	96	21.49	21.48	21.51	21.48			
20	QPSK	50	0	20.47	20.58	20.50	20.50			
20	QPSK	50	24	20.37	20.54	20.50	20.50	21	2	
20	QPSK	50	48	20.37	20.50	20.52	20.50			
20	QPSK	100	0	20.51	20.50	20.52	20.50			
20	QPSK	1	0	19.48	19.52	19.50	19.48			
20	QPSK	1	48	19.38	19.51	19.45	19.45	21	2	
20	QPSK	1	96	19.48	19.51	19.45	19.45			
20	QPSK	50	24	18.37	18.51	18.42	18.33	20	3	
20	QPSK	50	48	18.37	18.51	18.51	18.50			
20	QPSK	100	0	19.34	19.50	19.45	19.39			
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.43	22.38	22.38	22.38			
15	QPSK	1	37	22.43	22.18	22.22	22.22	23	0	
15	QPSK	1	74	22.32	22.28	22.23	22.23			
15	QPSK	1	111	22.44	22.38	22.41	22.38			
15	QPSK	36	0	21.34	21.34	21.31	21.29	22	1	
15	QPSK	36	36	21.33	21.31	21.27	21.27			
15	QPSK	36	72	21.43	21.36	21.31	21.31			
15	QPSK	1	0	21.34	21.36	21.38	21.44	22	1	
15	QPSK	1	37	21.24	21.38	21.28	21.23			
15	QPSK	1	74	21.13	21.41	21.31	21.23			
15	QPSK	1	111	21.43	21.38	21.41	21.45			
15	QPSK	36	0	20.42	20.43	20.42	20.45			
15	QPSK	36	36	20.38	20.44	20.40	20.37	21	2	
15	QPSK	36	72	20.44	20.42	20.40	20.42			
15	QPSK	75	0	20.20	20.38	20.47	20.29			
15	QPSK	1	0	19.53	19.57	19.52	19.50	21	2	
15	QPSK	1	37	19.47	19.58	19.51	19.45			
15	QPSK	1	74	19.16	19.36	19.30	19.23			
15	QPSK	1	111	19.46	19.36	19.35	19.35	20	3	
15	QPSK	36	0	19.15	19.36	19.35	19.35			
15	QPSK	36	36	19.15	19.36	19.35	19.35			
15	QPSK	75	0	19.14	19.43	19.30	19.22			
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.31	22.32	22.21	22.38			
10	QPSK	1	20	22.45	22.22	22.44	22.37			
10	QPSK	1	40	22.47	22.26	22.19	22.53			
10	QPSK	1	60	22.43	22.19	22.38	22.15			
10	QPSK	25	0	21.42	21.25	21.50	21.38	22	1	
10	QPSK	25	10	21.36	21.40	21.50	21.31			
10	QPSK	25	20	21.43	21.12	21.27	21.24			
10	QPSK	50	0	21.45	21.03	21.43	21.29			
10	QPSK	50	10	21.35	21.07	21.44	21.20			
10	QPSK	1	0	21.39	21.11	21.35	21.18	22	1	
10	QPSK	1	40	21.47	21.07	21.39	21.24			
10	QPSK	1	80	21.37	21.02	21.44	21.20			
10	QPSK	25	0	20.37	20.10	20.37	20.25	21	2	
10	QPSK	25	10	20.37	20.10	20.37	20.25			
10	QPSK	25	20	20.37	20.10	20.37	20.25			
10	QPSK	50	0	19.49	19.18	19.35	19.30			
10	QPSK	50	10	19.36	19.23	19.33	19.30	20	3	
10	QPSK	50	20	19.36	19.23	19.33	19.30			
10	QPSK	50	30	19.36	19.23	19.33	19.30			
10	QPSK	50	40	19.36	19.23	19.33	19.30			
10	QPSK	50	50	19.36	19.23	19.33	19.30			
10	QPSK	50	60	19.36	19.23	19.33	19.30			
10	QPSK	50	70	19.36	19.23	19.33	19.30			
10	QPSK	50	80	19.36	19.23	19.33	19.30			
10	QPSK	50	90	19.36	19.23	19.33	19.30			
10	QPSK	50	100	19.36	19.23	19.33	19.30			
10	QPSK	50	110	19.36	19.23	19.33	19.30			
10	QPSK	50	120	19.36	19.23	19.33	19.30			
10	QPSK	50	130	19.36	19.23	19.33	19.30			
10	QPSK	50	140	19.36	19.23	19.33	19.30			
10	QPSK	50	150	19.36	19.23	19.33	19.30			
10	QPSK	50	160	19.36	19.23	19.33	19.30			
10	QPSK	50	170	19.36	19.23	19.33	19.30			
10	QPSK	50	180	19.36	19.23	19.33	19.30			
10	QPSK	50	190	19.36	19.23	19.33	19.30			
10	QPSK	50	200	19.36	19.23	19.33	19.30			
10	QPSK	50	210	19.36	19.23	19.33	19.30			
10	QPSK	50	220	19.36	19.23	19.33	19.30			
10	QPSK	50	230	19.36	19.23	19.33	19.30			
10	QPSK	50	240	19.36	19.23	19.33	19.30			
10	QPSK	50	250	19.36	19.23	19.33	19.30			
10	QPSK	50	260	19.36	19.23	19.33	19.30			
10	QPSK	50	270	19.36	19.23	19.33	19.30			
10	QPSK	50	280	19.36	19.23	19.33	19.30			
10	QPSK	50	290	19.36	19.23	19.33	19.30			
10	QPSK	50	300	19.36	19.23	19.33	19.30			
10	QPSK	50	310	19.36	19.23	19.33	19.30			
10	QPSK	50	320	19.36	19.23	19.33	19.30			
10	QPSK	50	330	19.36	19.23	19.33	19.30			
10	QPSK	50	340	19.36	19.23	19.33	19.30			
10	QPSK	50	350	19.36	19.23	19.33	19.30			
10	QPSK	50	360	19.36	19.23	19.33	19.30			
10	QPSK	50	370	19.36	19.23	19.33	19.30			
10	QPSK	50	380	19.36	19.23	19.33	19.30			
10	QPSK	50	390	19.36	19.23	19.33	19.30			
10	QPSK	50	400	19.36	19.23	19.33	19.30			
10	QPSK	50	410	19.36	19.23	19.33	19.30			
10	QPSK	50	420	19.36	19.23	19.33	19.30			
10	QPSK	50	430	19.36	19.23	19.33	19.30			
10	QPSK	50	440	19.36	19.23	19.33	19.30			
10	QPSK	50	450	19.36	19.23	19.33	19.30			
10	QPSK	50	460	19.36	19.23	19.33	19.30			
10	QPSK	50	470	19.36	19.23	19.33	19.30			
10	QPSK	50	480	19.36	19.23	19.33	19.30			
10	QPSK	50	490	19.36	19.23	19.33	19.30			
10	QPSK	50	500	19.36	19.23	19.33	19.30			
10	QPSK	50	510	19.36	19.23	19.33	19.30			
10	QPSK	50	520	19.36	19.23	19.33	19.30			

Reduced Power Mode for ECI 11

Band 2_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				18700	18800	19100			
				18800	18900	19000			
20	QPSK	1	0	19.31	19.39	19.33			
20	QPSK	1	49	19.23	19.19	19.16		20.5	0
20	QPSK	1	99	19.12	19.22	19.23			
20	QPSK	50	0	19.26	19.32	19.30			
20	QPSK	50	24	19.17	19.26	19.16			
20	QPSK	50	50	19.06	19.17	19.21		20.5	0
20	QPSK	100	0	19.24	19.28	19.23			
20	16QAM	1	0	19.06	19.27	19.14			
20	16QAM	1	49	19.30	19.25	19.15		20.5	0
20	16QAM	1	99	19.17	19.29	19.08			
20	16QAM	50	0	19.24	19.35	19.19			
20	16QAM	50	24	19.24	19.16	19.15			
20	16QAM	50	50	19.11	19.23	19.19		20.5	0
20	16QAM	100	0	19.31	19.20	19.13			
20	64QAM	1	0	19.22	19.28	19.08			
20	64QAM	1	49	19.16	19.11	19.19		20.5	0
20	64QAM	1	99	19.22	19.13	19.17			
20	64QAM	50	0	19.23	19.32	19.23			
20	64QAM	50	24	19.18	19.22	19.16			
20	64QAM	50	50	19.21	19.17	19.13		20.5	0
20	64QAM	100	0	19.13	19.28	19.14			
Channel									
Frequency (MHz)				18675	18800	19125	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	19.22	19.28	19.27			
15	QPSK	1	37	19.21	19.14	19.03		20.5	0
15	QPSK	1	74	19.10	19.14	19.20			
15	QPSK	36	0	19.22	19.29	19.24			
15	QPSK	36	20	19.07	19.26	19.11			
15	QPSK	36	39	19.93	19.06	19.11		20.5	0
15	QPSK	75	0	19.19	19.27	19.15			
15	16QAM	1	0	19.06	19.27	19.04			
15	16QAM	1	37	19.15	19.17	19.04		20.5	0
15	16QAM	1	74	19.02	19.18	19.01			
15	16QAM	36	0	19.12	19.30	19.11			
15	16QAM	36	20	19.17	19.10	19.14			
15	16QAM	36	39	19.88	19.15	19.14		20.5	0
15	16QAM	75	0	19.19	19.18	19.11			
15	64QAM	1	0	19.02	19.28	19.05			
15	64QAM	1	37	19.11	19.02	19.04		20.5	0
15	64QAM	1	74	19.11	19.05	19.05			
15	64QAM	36	0	19.15	19.19	19.09			
15	64QAM	36	20	19.03	19.11	19.13			
15	64QAM	36	39	19.17	19.13	19.06		20.5	0
15	64QAM	75	0	19.12	19.16	19.11			
Channel									
Frequency (MHz)				18650	18800	19150	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	19.19	19.30	19.22			
10	QPSK	1	25	19.12	19.04	19.05		20.5	0
10	QPSK	1	49	19.06	19.16	19.14			
10	QPSK	25	0	19.17	19.27	19.27			
10	QPSK	25	12	19.04	19.13	19.05			
10	QPSK	25	25	19.01	19.03	19.07		20.5	0
10	QPSK	50	0	19.23	19.16	19.09			
10	16QAM	1	0	19.04	19.18	19.09			
10	16QAM	1	25	19.22	19.17	19.02		20.5	0
10	16QAM	1	49	19.11	19.20	19.98			
10	16QAM	25	0	19.11	19.21	19.15			
10	16QAM	25	12	19.12	19.02	19.02			
10	16QAM	25	25	19.07	19.17	19.13		20.5	0
10	16QAM	50	0	19.24	19.10	19.10			
10	64QAM	1	0	19.15	19.22	19.08			
10	64QAM	1	25	19.13	19.05	19.16		20.5	0
10	64QAM	1	49	19.12	19.05	19.06			
10	64QAM	25	0	19.15	19.17	19.11			
10	64QAM	25	12	19.04	19.19	19.09			
10	64QAM	25	25	19.14	19.12	19.98		20.5	0
10	64QAM	50	0	19.08	19.25	19.10			
Channel									
Frequency (MHz)				18625	18800	19175	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	19.20	19.31	19.29			
5	QPSK	1	19	19.16	19.14	19.15		20.5	0
5	QPSK	1	34	19.04	19.15	19.17			
5	QPSK	12	0	19.17	19.31	19.15			
5	QPSK	12	7	19.13	19.18	19.02			
5	QPSK	12	13	19.00	19.14	19.10		20.5	0
5	QPSK	25	0	19.17	19.26	19.14			
5	16QAM	1	0	19.01	19.27	19.04			
5	16QAM	1	12	19.25	19.17	19.03		20.5	0
5	16QAM	1	34	19.08	19.29	19.98			
5	16QAM	12	0	19.20	19.27	19.08			
5	16QAM	12	7	19.16	19.05	19.12			
5	16QAM	12	13	19.07	19.21	19.12		20.5	0
5	16QAM	25	0	19.30	19.14	19.98			
5	64QAM	1	0	19.16	19.27	19.98			
5	64QAM	1	12	19.17	19.05	19.09		20.5	0
5	64QAM	1	34	19.21	19.00	19.99			
5	64QAM	12	0	19.17	19.23	19.12			
5	64QAM	12	7	19.13	19.15	19.11			
5	64QAM	12	13	19.15	19.10	19.08		20.5	0
5	64QAM	25	0	19.04	19.14	19.09			
Channel									
Frequency (MHz)				18615	18800	19185	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	19.19	19.34	19.31			
3	QPSK	1	14	19.14	19.12	19.98		20.5	0
3	QPSK	1	14	19.11	19.07	19.16			
3	QPSK	8	0	19.22	19.22	19.16			
3	QPSK	8	4	19.15	19.16	19.01			
3	QPSK	8	7	19.04	19.15	19.10		20.5	0
3	QPSK	15	0	19.13	19.19	19.16			
3	16QAM	1	0	19.98	19.24	19.04			
3	16QAM	1	12	19.26	19.14	19.14		20.5	0
3	16QAM	1	14	19.04	19.23	19.94			
3	16QAM	8	0	19.10	19.30	19.13			
3	16QAM	8	4	19.16	19.03	19.02			
3	16QAM	8	7	19.98	19.13	19.04		20.5	0
3	16QAM	15	0	19.23	19.16	19.02			
3	64QAM	1	0	19.12	19.27	19.05			
3	64QAM	1	12	19.13	19.05	19.08		20.5	0
3	64QAM	1	14	19.19	19.00	19.99			
3	64QAM	8	0	19.13	19.24	19.15			
3	64QAM	8	4	19.10	19.12	19.08			
3	64QAM	8	7	19.11	19.16	19.98		20.5	0
3	64QAM	15	0	19.07	19.16	19.08			
Channel									
Frequency (MHz)				18607	18800	19193	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	19.18	19.33	19.19			
1.4	QPSK	1	3	19.09	19.28	19.13		20.5	0
1.4	QPSK	1	9	19.07	19.13	19.20			
1.4	QPSK	3	0	19.14	19.26	19.20			
1.4	QPSK	3	3	19.14	19.22	19.11			
1.4	QPSK	3	3	19.01	19.13	19.11		20.5	0
1.4	QPSK	6	0	19.16	19.25	19.14			
1.4	16QAM	1	0	19.92	19.16	19.11			
1.4	16QAM	1	3	19.18	19.20	19.06			
1.4	16QAM	1	5	19.13	19.24	19.98		20.5	0
1.4	16QAM	3	0	19.09	19.28	19.12			
1.4	16QAM	3	1	19.23	19.09	19.00			
1.4	16QAM	3	3	19.10	19.16	19.17			
1.4	16QAM	6	0	19.28	19.16	19.10		20.5	0
1.4	64QAM	1	0	19.07	19.19	19.98			
1.4	64QAM	1	3	19.03	19.03	19.11			
1.4	64QAM	1	5	19.08	19.05	19.14		20.5	0
1.4	64QAM	3	0	19.06	19.26	19.13			
1.4	64QAM	3	1	19.06	19.12	19.09			
1.4	64QAM	3	3	19.08	19.08	19.04		20.5	0
1.4	64QAM	6	0	19.98	19.13	19.13			

Band 2_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				18700	18800	19100			
20	QPSK	1	0	23.50	23.55	23.44			
20	QPSK	1	49	23.42	23.45	23.40		24.5	0
20	QPSK	1	99	23.34	23.24	23.24			
20	QPSK	50	0	22.43	22.45	22.39			
20	QPSK	50	24	22.37	22.42	22.37			
20	QPSK	50	50	22.35	22.33	22.27		23.5	1
20	QPSK	100	0	22.40	22.42	22.34			
20	16QAM	1	0	22.88	22.74	22.70			
20	16QAM	1	49	22.73	22.66	22.82		23.5	1
20	16QAM	1	99	22.57	22.70	22.55			
20	16QAM	50	0	21.39	21.48	21.38			
20	16QAM	50	24	21.36	21.38	21.34			
20	16QAM	50	50	21.35	21.33	21.27		22.5	2
20	16QAM	100	0	21.38	21.40	21.34			
20	64QAM	1	0	21.67	21.58	21.54			
20	64QAM	1	49	21.38	21.60	21.26		22.5	2
20	64QAM	1	99	21.31	21.60	21.32			
20	64QAM	50	0	20.43	20.43	20.33			
20	64QAM	50	24	20.40	20.40	20.36			
20	64QAM	50	50	20.38	20.38	20.26		21.5	3
20	64QAM	100	0	20.37	20.39	20.35			
Channel									
Frequency (MHz)				18975	18900	19125	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	23.49	23.29	23.23			
15	QPSK	1	37	23.40	23.47	23.33		24.5	0
15	QPSK	1	74	23.20	23.21	23.14			
15	QPSK	36	0	22.30	22.29	22.38			
15	QPSK	36	20	22.28	22.25	22.35		23.5	1
15	QPSK	36	39	22.22	22.24	22.22			
15	QPSK	75	0	22.41	22.42	22.38			
15	16QAM	1	0	22.86	22.73	22.55			
15	16QAM	1	37	22.61	22.65	22.69		23.5	1
15	16QAM	1	74	22.62	22.54	22.54			
15	16QAM	36	0	21.47	21.32	21.33			
15	16QAM	36	20	21.29	21.31	21.31		22.5	2
15	16QAM	36	39	21.29	21.23	21.20			
15	16QAM	75	0	21.36	21.36	21.37			
15	64QAM	1	0	21.48	21.58	21.42			
15	64QAM	1	37	21.53	21.27	21.22		22.5	2
15	64QAM	1	74	21.45	21.28	21.24			
15	64QAM	36	0	20.40	20.38	20.30			
15	64QAM	36	20	20.26	20.34	20.26		21.5	3
15	64QAM	36	39	20.21	20.25	20.14			
15	64QAM	75	0	20.25	20.25	20.27			
Channel									
Frequency (MHz)				18655	18600	19050	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.39	23.33	23.32			
10	QPSK	1	25	23.48	23.43	23.41		24.5	0
10	QPSK	1	49	23.22	23.22	23.15			
10	QPSK	25	0	22.35	22.40	22.26			
10	QPSK	25	12	22.35	22.29	22.29		23.5	1
10	QPSK	25	25	22.26	22.29	22.29			
10	QPSK	50	0	22.40	22.29	22.21			
10	16QAM	1	0	22.80	22.60	22.57			
10	16QAM	1	25	22.61	22.60	22.72		23.5	1
10	16QAM	1	49	22.56	22.52	22.48			
10	16QAM	25	0	21.41	21.36	21.34			
10	16QAM	25	12	21.28	21.36	21.20		22.5	2
10	16QAM	25	25	21.21	21.26	21.16			
10	16QAM	50	0	21.27	21.26	21.26			
10	64QAM	1	0	21.53	21.53	21.45			
10	64QAM	1	25	21.57	21.25	21.25		22.5	2
10	64QAM	1	49	21.58	21.24	21.26			
10	64QAM	25	0	20.40	20.28	20.18			
10	64QAM	25	12	20.26	20.32	20.34		21.5	3
10	64QAM	25	25	20.24	20.24	20.25			
10	64QAM	50	0	20.25	20.23	20.23			
Channel									
Frequency (MHz)				18615	18600	19175	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.42	23.31	23.31			
5	QPSK	1	12	23.32	23.38	23.33		24.5	0
5	QPSK	1	24	23.18	23.28	23.15			
5	QPSK	12	0	22.30	22.39	22.32			
5	QPSK	12	7	22.32	22.22	22.35		23.5	1
5	QPSK	12	13	22.21	22.30	22.23			
5	QPSK	25	0	22.27	22.39	22.28			
5	16QAM	1	0	22.59	22.73	22.57			
5	16QAM	1	12	22.41	22.42	22.67		23.5	1
5	16QAM	1	24	22.63	22.55	22.47			
5	16QAM	12	0	21.44	21.38	21.30			
5	16QAM	12	7	21.25	21.41	21.24		22.5	2
5	16QAM	12	13	21.25	21.20	21.12			
5	16QAM	25	0	21.36	21.36	21.24			
5	64QAM	1	0	21.44	21.64	21.43			
5	64QAM	1	12	21.46	21.51	21.18		22.5	2
5	64QAM	1	24	21.46	21.16	21.25			
5	64QAM	12	0	20.31	20.29	20.29			
5	64QAM	12	7	20.36	20.28	20.23		21.5	3
5	64QAM	12	13	20.30	20.34	20.14			
5	64QAM	25	0	20.32	20.31	20.24			
Channel									
Frequency (MHz)				18615	18600	19185	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.43	23.29	23.28			
3	QPSK	1	8	23.43	23.48	23.36		24.5	0
3	QPSK	1	14	23.17	23.17	23.22			
3	QPSK	8	0	22.35	22.42	22.28			
3	QPSK	8	4	22.35	22.22	22.22		23.5	1
3	QPSK	15	0	22.32	22.29	22.21			
3	16QAM	1	0	22.64	22.77	22.56			
3	16QAM	1	8	22.58	22.69	22.79		23.5	1
3	16QAM	1	14	22.55	22.55	22.46			
3	16QAM	8	0	21.37	21.32	21.35			
3	16QAM	8	4	21.26	21.42	21.32		22.5	2
3	16QAM	8	7	21.30	21.23	21.12			
3	16QAM	15	0	21.34	21.25	21.31			
3	64QAM	1	0	21.44	21.64	21.41			
3	64QAM	1	8	21.46	21.27	21.14		22.5	2
3	64QAM	1	14	21.47	21.26	21.25			
3	64QAM	8	0	20.42	20.28	20.24			
3	64QAM	8	7	20.29	20.25	20.25		21.5	3
3	64QAM	15	0	20.26	20.28	20.21			
3	64QAM	15	0	20.36	20.26	20.28			
Channel									
Frequency (MHz)				18607	18600	19193	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	23.50	23.37	23.20			
1.4	QPSK	1	3	23.51	23.43	23.37		24.5	0
1.4	QPSK	1	5	23.49	23.20	23.23			
1.4	QPSK	3	0	22.45	22.46	22.35			
1.4	QPSK	3	1	23.15	23.42	23.35			
1.4	QPSK	3	3	23.17	23.29	23.23			
1.4	QPSK	6	0	22.27	22.25	22.32		23.5	1
1.4	16QAM	1	0	22.63	22.76	22.68			
1.4	16QAM	1	3	22.65	22.60	22.80			
1.4	16QAM	1	5	22.57	22.54	22.40		23.5	1
1.4	16QAM	3	0	22.53	22.53	22.35			
1.4	16QAM	3	1	22.57	22.59	22.81			
1.4	16QAM	3	3	22.58	22.46	22.49			
1.4	16QAM	6	0	21.37	21.27	21.24		22.5	2
1.4	64QAM	1	0	21.57	21.61	21.39			
1.4	64QAM	1	3	21.52	21.28	21.17			
1.4	64QAM	1	5	21.50	21.17	21.25			
1.4	64QAM	3	0	21.46	21.62	21.49		22.5	2
1.4	64QAM	3	1	21.45	21.32	21.23			
1.4	64QAM	3	3	21.52	21.18	21.22			
1.4	64QAM	6	0	20.38	20.30	20.32		21.5	3

Band 4_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power High Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				20050	20175	20300			
				1720	1732.5	1745			
20	QPSK	1	0	20.05	20.05	20.05	21.5	0	
20	QPSK	1	49	20.05	20.09	20.14			
20	QPSK	1	99	20.16	20.10	20.13			
20	QPSK	50	0	20.15	20.20	20.12			
20	QPSK	50	24	20.04	20.18	20.07	21.5	0	
20	QPSK	50	50	20.07	20.11	20.01			
20	QPSK	100	0	20.12	20.18	20.16			
20	16QAM	1	0	20.02	20.14	20.13	21.5	0	
20	16QAM	1	49	20.08	20.13	20.08			
20	16QAM	1	99	20.02	20.31	20.02			
20	16QAM	50	0	19.98	20.24	20.16			
20	16QAM	50	24	20.13	20.20	20.21	21.5	0	
20	16QAM	50	50	19.99	20.10	19.99			
20	16QAM	100	0	20.10	20.18	20.06			
20	64QAM	1	0	19.91	20.09	20.05	21.5	0	
20	64QAM	1	49	20.11	20.17	20.08			
20	64QAM	1	99	20.08	20.13	20.18			
20	64QAM	50	0	20.24	20.22	20.21			
20	64QAM	50	24	20.27	20.21	20.27	21.5	0	
20	64QAM	50	50	20.21	20.19	20.27			
20	64QAM	100	0	20.23	20.19	20.25			
Channel									
Frequency (MHz)				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
				1717.5	1732.5	1747.5			
15	QPSK	1	0	20.13	20.25	20.19	21.5	0	
15	QPSK	1	37	20.03	20.02	20.13			
15	QPSK	1	74	20.06	20.06	20.11			
15	QPSK	36	0	20.04	20.09	19.97			
15	QPSK	36	20	19.90	20.14	19.98	21.5	0	
15	QPSK	36	39	20.00	20.07	19.97			
15	QPSK	75	0	19.98	20.07	20.06			
15	16QAM	1	0	19.91	20.03	20.01	21.5	0	
15	16QAM	1	37	20.07	20.02	19.95			
15	16QAM	1	74	19.99	20.24	19.91			
15	16QAM	36	0	19.96	20.10	20.06			
15	16QAM	36	20	20.11	20.07	20.11	21.5	0	
15	16QAM	36	39	19.93	19.97	19.91			
15	16QAM	75	0	20.01	20.05	20.02			
15	64QAM	1	0	19.91	20.03	20.01	21.5	0	
15	64QAM	1	37	19.96	20.05	20.04			
15	64QAM	1	74	20.06	20.06	20.03			
15	64QAM	36	0	20.16	20.11	20.15			
15	64QAM	36	20	20.26	20.12	20.24	21.5	0	
15	64QAM	36	39	20.12	20.17	20.15			
15	64QAM	75	0	20.21	20.16	20.21			
Channel									
Frequency (MHz)				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
				1715	1732.5	1750			
10	QPSK	1	0	20.05	20.20	20.20	21.5	0	
10	QPSK	1	25	20.00	20.00	19.99			
10	QPSK	1	49	20.09	20.00	20.06			
10	QPSK	25	0	20.11	20.11	19.97			
10	QPSK	25	12	19.93	20.13	19.98	21.5	0	
10	QPSK	25	25	20.05	20.03	19.98			
10	QPSK	50	0	19.98	20.11	20.02			
10	16QAM	1	0	19.95	20.08	20.05	21.5	0	
10	16QAM	1	25	19.97	20.07	19.97			
10	16QAM	1	49	19.97	20.22	19.98			
10	16QAM	25	0	19.85	20.17	20.02			
10	16QAM	25	12	19.99	20.08	20.16	21.5	0	
10	16QAM	25	25	19.98	19.95	19.86			
10	16QAM	50	0	20.03	20.12	20.02			
10	16QAM	1	0	19.91	20.02	19.90	21.5	0	
10	64QAM	1	25	20.04	20.15	19.97			
10	64QAM	1	49	20.00	20.02	20.17			
10	64QAM	25	0	20.19	20.18	20.16			
10	64QAM	25	12	20.21	20.20	20.15	21.5	0	
10	64QAM	25	25	20.16	20.18	20.23			
10	64QAM	50	0	20.17	20.15	20.20			
Channel									
Frequency (MHz)				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
				1712.5	1732.5	1752.5			
5	QPSK	1	0	20.08	20.21	20.14	21.5	0	
5	QPSK	1	19	19.97	19.99	20.04			
5	QPSK	1	24	20.11	20.04	20.04			
5	QPSK	12	0	20.08	20.08	19.98			
5	QPSK	12	7	19.97	20.16	20.04	21.5	0	
5	QPSK	12	13	20.01	20.07	19.91			
5	QPSK	25	0	19.98	20.03	20.05			
5	16QAM	1	0	19.92	20.01	20.07	21.5	0	
5	16QAM	1	12	20.05	20.10	19.99			
5	16QAM	1	24	19.96	20.19	19.92			
5	16QAM	12	0	19.87	20.21	20.07			
5	16QAM	12	7	20.10	20.14	20.11	21.5	0	
5	16QAM	12	13	19.88	20.09	19.84			
5	16QAM	25	0	19.97	20.09	19.97			
5	64QAM	1	0	20.00	20.07	19.97	21.5	0	
5	64QAM	1	12	20.15	20.09	20.09			
5	64QAM	1	24	20.00	20.04	20.15			
5	64QAM	12	0	20.17	20.17	20.12			
5	64QAM	12	7	20.26	20.20	20.19	21.5	0	
5	64QAM	12	13	20.08	20.10	20.17			
5	64QAM	25	0	20.22	20.04	20.16			
Channel									
Frequency (MHz)				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	
				1711.5	1732.5	1753.5			
3	QPSK	1	0	20.10	20.27	20.17	21.5	0	
3	QPSK	1	8	19.90	19.98	19.98			
3	QPSK	1	14	20.13	19.99	20.09			
3	QPSK	8	0	20.09	20.19	20.04			
3	QPSK	8	4	19.93	20.11	20.00	21.5	0	
3	QPSK	8	7	20.02	20.09	19.94			
3	QPSK	15	0	19.98	20.11	20.08			
3	16QAM	1	0	19.99	20.07	20.04	21.5	0	
3	16QAM	1	8	20.05	20.12	19.97			
3	16QAM	1	14	19.97	20.20	19.97			
3	16QAM	8	0	19.88	20.13	20.08			
3	16QAM	8	4	20.07	20.08	20.12	21.5	0	
3	16QAM	8	7	19.94	20.07	19.93			
3	16QAM	15	0	19.99	20.05	20.05			
3	64QAM	1	0	19.90	19.99	19.97	21.5	0	
3	64QAM	1	8	20.02	20.12	20.07			
3	64QAM	1	14	20.01	20.00	20.06			
3	64QAM	8	0	20.20	20.14	20.08			
3	64QAM	8	4	20.18	20.17	20.17	21.5	0	
3	64QAM	8	7	20.17	20.13	20.16			
3	64QAM	15	0	20.21	20.14	20.23			
Channel									
Frequency (MHz)				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	
				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	20.10	20.27	20.16	21.5	0	
1.4	QPSK	1	3	19.94	20.08	20.09			
1.4	QPSK	1	5	20.03	19.99	20.03			
1.4	QPSK	3	0	20.03	20.15	20.08			
1.4	QPSK	3	1	20.03	20.14	20.05			
1.4	QPSK	3	3	20.04	19.97	19.92	21.5	0	
1.4	QPSK	6	0	19.98	20.12	20.12			
1.4	16QAM	1	0	19.97	20.00	20.09			
1.4	16QAM	1	3	19.95	20.00	19.96			
1.4	16QAM	1	5	19.97	20.24	19.98	21.5	0	
1.4	16QAM	3	0	19.95	20.22	20.14			
1.4	16QAM	3	1	20.07	20.08	20.09			
1.4	16QAM	3	3	19.91	20.02	19.90			
1.4	16QAM	6	0	20.08	20.01	20.03	21.5	0	
1.4	64QAM	1	0	19.94	20.06	19.96			
1.4	64QAM	1	3	20.00	20.02	20.05			
1.4	64QAM	1	5	19.90	19.99	20.03	21.5	0	
1.4	64QAM	3	0	20.21	20.20	20.13			
1.4	64QAM	3	1	20.15	20.10	20.14			
1.4	64QAM	3	3	20.20	20.08	20.20	21.5	0	
1.4	64QAM	6	0	20.09	20.04	20.22			

Band 4_Ant 2												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power High Ch / Freq.	Power High Ch / Freq.						
Channel												
Frequency (MHz)				20050	20175	20300						
				1720	1732.5	1745						
20	QPSK	1	0	23.38	23.40	23.45	24.5	0				
20	QPSK	1	49	23.37	23.29	23.21						
20	QPSK	1	99	23.31	23.26	23.23						
20	QPSK	50	0	22.38	22.39	22.34						
20	QPSK	50	24	22.30	22.37	22.32	23.5	1				
20	QPSK	50	50	22.36	22.28	22.27						
20	QPSK	100	0	22.30	22.35	22.31						
20	16QAM	1	0	22.66	22.44	22.46						
20	16QAM	1	49	22.51	22.46	22.60	23.5	1				
20	16QAM	1	99	22.47	22.60	22.55						
20	16QAM	50	0	21.35	21.38	21.32						
20	16QAM	50	24	21.40	21.28	21.37						
20	16QAM	50	50	21.26	21.32	21.27	22.5	2				
20	16QAM	100	0	21.38	21.32	21.32						
20	64QAM	1	0	21.78	21.71	21.36						
20	64QAM	1	49	21.73	21.43	21.48						
20	64QAM	1	99	21.61	21.47	21.55	22.5	2				
20	64QAM	50	0	20.41	20.46	20.34						
20	64QAM	50	24	20.34	20.34	20.39						
20	64QAM	50	50	20.36	20.33	20.27						
20	64QAM	100	0	20.40	20.30	20.33	21.5	3				
Channel				20025	20175	20325						
Frequency (MHz)				1717.5	1732.5	1747.5						
				20025	20175	20325						
15	QPSK	1	0	23.24	23.34	23.25	24.5	0				
15	QPSK	1	37	23.25	23.21	23.19						
15	QPSK	1	74	23.23	23.16	23.12						
15	QPSK	36	0	22.25	22.31	22.23						
15	QPSK	36	20	22.21	22.30	22.18	23.5	1				
15	QPSK	36	39	22.31	22.27	22.16						
15	QPSK	75	0	22.30	22.35	22.29						
15	16QAM	1	0	22.51	22.34	22.33						
15	16QAM	1	37	22.37	22.36	22.48	23.5	1				
15	16QAM	1	74	22.44	22.49	22.52						
15	16QAM	36	0	21.32	21.36	21.27						
15	16QAM	36	20	21.39	21.27	21.32						
15	16QAM	36	39	21.21	21.26	21.18	22.5	2				
15	16QAM	75	0	21.36	21.31	21.20						
15	64QAM	1	0	21.73	21.72	21.31						
15	64QAM	1	37	21.71	21.33	21.44						
15	64QAM	1	74	21.62	21.34	21.44	22.5	2				
15	64QAM	36	0	20.34	20.37	20.33						
15	64QAM	36	20	20.35	20.26	20.30						
15	64QAM	36	39	20.25	20.27	20.21						
15	64QAM	75	0	20.32	20.21	20.21	21.5	3				
Channel				20000	20175	20300						
Frequency (MHz)				1715	1732.5	1750						
				20000	20175	20300						
10	QPSK	1	0	23.24	23.26	23.28	24.5	0				
10	QPSK	1	25	23.27	23.26	23.12						
10	QPSK	1	49	23.28	23.18	23.22						
10	QPSK	25	0	22.23	22.26	22.24						
10	QPSK	25	12	22.18	22.23	22.17	23.5	1				
10	QPSK	25	25	22.27	22.15	22.18						
10	QPSK	50	0	22.21	22.20	22.29						
10	16QAM	1	0	22.52	22.35	22.36						
10	16QAM	1	25	22.41	22.37	22.53	23.5	1				
10	16QAM	1	49	22.46	22.53	22.43						
10	16QAM	25	0	21.30	21.23	21.29						
10	16QAM	25	12	21.27	21.16	21.36						
10	16QAM	25	25	21.14	21.23	21.22	22.5	2				
10	16QAM	50	0	21.25	21.19	21.12						
10	64QAM	1	0	21.64	21.21	21.31						
10	64QAM	1	25	21.62	21.40	21.35						
10	64QAM	1	49	21.52	21.35	21.41	22.5	2				
10	64QAM	25	0	20.32	20.44	20.33						
10	64QAM	25	12	20.35	20.29	20.33						
10	64QAM	25	25	20.31	20.29	20.15						
10	64QAM	50	0	20.36	20.26	20.21	21.5	3				
Channel				19975	20175	20375						
Frequency (MHz)				1701.5	1732.5	1762.5						
				19975	20175	20375						
5	QPSK	1	0	23.24	23.36	23.28	24.5	0				
5	QPSK	1	12	23.36	23.33	23.16						
5	QPSK	1	24	23.18	23.25	23.17						
5	QPSK	12	0	22.33	22.29	22.25						
5	QPSK	12	7	22.19	22.22	22.30	23.5	1				
5	QPSK	12	13	22.22	22.25	22.16						
5	QPSK	25	0	21.29	22.34	22.28						
5	16QAM	1	0	22.64	22.30	22.32						
5	16QAM	1	12	22.46	22.32	22.47	23.5	1				
5	16QAM	1	24	22.35	22.57	22.48						
5	16QAM	12	0	21.30	21.31	21.25						
5	16QAM	12	7	21.38	21.25	21.24						
5	16QAM	12	13	21.13	21.23	21.15	22.5	2				
5	16QAM	25	0	21.35	21.31	21.25						
5	64QAM	1	0	21.69	21.67	21.35						
5	64QAM	1	12	21.65	21.41	21.46						
5	64QAM	1	24	21.46	21.34	21.51	22.5	2				
5	64QAM	12	0	20.31	20.31	20.20						
5	64QAM	12	7	20.29	20.32	20.38						
5	64QAM	12	13	20.24	20.21	20.15						
5	64QAM	25	0	20.32	20.29	20.19	21.5	3				
Channel				19965	20175	20385						
Frequency (MHz)				1711.5	1732.5	1753.5						
				1711.5	1732.5	1753.5						
3	QPSK	1	0	23.32	23.27	23.33	24.5	0				
3	QPSK	1	8	23.24	23.16	23.06						
3	QPSK	1	14	23.19	23.19	23.22						
3	QPSK	8	0	22.30	22.27	22.32						
3	QPSK	8	4	22.27	22.28	22.21	23.5	1				
3	QPSK	8	7	22.25	22.20	22.20						
3	QPSK	15	0	22.21	22.24	22.23						
3	16QAM	1	0	22.64	22.40	22.40						
3	16QAM	1	8	22.41	22.42	22.50	23.5	1				
3	16QAM	1	14	22.36	22.45	22.44						
3	16QAM	8	0	21.34	21.25	21.25						
3	16QAM	8	4	21.26	21.26	21.27						
3	16QAM	8	7	21.26	21.29	21.24	22.5	2				
3	16QAM	15	0	21.34	21.30	21.25						
3	64QAM	1	0	21.74	21.65	21.34						
3	64QAM	1	8	21.71	21.38	21.36						
3	64QAM	1	14	21.56	21.34	21.51	22.5	2				
3	64QAM	8	0	20.31	20.31	20.33						
3	64QAM	8	4	20.24	20.27	20.31						
3	64QAM	8	7	20.33	20.23	20.22						
3	64QAM	15	0	20.39	20.21	20.31	21.5	3				
Channel				19967	20175	20393						
Frequency (MHz)				1701.7	1732.5	1754.3						
				1701.7	1732.5	1754.3						
1.4	QPSK	1	0	23.36	23.28	23.22	24.5	0				
1.4	QPSK	1	3	23.25	23.16	23.11						
1.4	QPSK	1	5	23.21	23.13	23.22						
1.4	QPSK	3	0	22.31	22.28	22.32						
1.4	QPSK	3	3	22.28	22.24	22.17	23.5	1				
1.4	QPSK	3	3	23.24	23.23	23.13						
1.4	QPSK	6	0	22.20	22.23	22.16						
1.4	16QAM	1	0	22.56	22.40	22.32						
1.4	16QAM	1	3	22.40	22.35	22.47	23.5	1				
1.4	16QAM	1	5	22.36	22.58	22.40						
1.4	16QAM	3	0	22.61	22.52	22.59						
1.4	16QAM	3	1	22.44	22.36	22.59						
1.4	16QAM	3	3	22.41	22.58	22.42	22.5	2				
1.4	16QAM	6	0	21.28	21.29	21.16						
1.4	64QAM	1	0	21.65	21.69	21.34						
1.4	64QAM	1	3	21.58	21.40	21.40						
1.4	64QAM	1	5	21.60	21.35	21.53	22.5	2				
1.4	64QAM	3	0	21.66	21.70	21.35						
1.4	64QAM	3	1	21.65	21.35	21.44						
1.4	64QAM	3	3	21.57	21.45	21.48						
1.4	64QAM	6	0	20.27	20.23	20.24	21.5	3				

Band 5_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.78	23.87	23.88	25	0	
10	QPSK	1	25	23.66	23.74	23.53			
10	QPSK	1	49	23.70	23.82	23.74			
10	QPSK	25	0	22.64	22.77	22.74			
10	QPSK	25	12	22.83	22.67	22.72			
10	QPSK	25	25	22.83	22.69	22.70	24	1	
10	QPSK	50	0	22.87	22.75	22.73			
10	16QAM	1	0	22.74	22.93	22.97			
10	16QAM	1	25	22.74	22.74	23.02			
10	16QAM	1	49	22.71	23.00	22.97			
10	16QAM	25	0	21.66	21.83	21.74	23	2	
10	16QAM	25	12	21.80	21.71	21.69			
10	16QAM	25	25	21.80	21.78	21.71			
10	16QAM	50	0	21.62	21.73	21.71			
10	64QAM	1	0	21.93	22.06	21.96			
10	64QAM	1	25	21.85	21.77	21.95	23	2	
10	64QAM	1	49	21.84	21.98	21.81			
10	64QAM	25	0	20.60	20.73	20.66			
10	64QAM	25	12	20.52	20.62	20.69			
10	64QAM	25	25	20.66	20.68	20.81			
10	64QAM	50	0	20.63	20.68	20.74	22	3	
Channel				20425	20525	20625			
Frequency (MHz)				825.5	836.5	846.5			
5	QPSK	1	0	23.75	23.85	23.83	25	0	
5	QPSK	1	12	23.54	23.73	23.39			
5	QPSK	1	24	23.85	23.77	23.62			
5	QPSK	12	0	22.60	22.72	22.61			
5	QPSK	12	7	22.51	22.56	22.71			
5	QPSK	12	13	22.55	22.82	22.82	24	1	
5	QPSK	25	0	22.56	22.62	22.86			
5	16QAM	1	0	22.87	22.80	22.91			
5	16QAM	1	12	22.81	22.82	22.93			
5	16QAM	1	24	22.87	22.80	22.86			
5	16QAM	12	0	21.65	21.54	21.72	23	2	
5	16QAM	12	7	21.56	21.64	21.65			
5	16QAM	12	13	21.57	21.73	21.70			
5	16QAM	25	0	21.61	21.66	21.58			
5	64QAM	1	0	21.86	22.01	21.87			
5	64QAM	1	12	21.75	21.69	21.94	23	2	
5	64QAM	1	24	21.72	21.93	21.76			
5	64QAM	12	0	20.49	20.67	20.60			
5	64QAM	12	7	20.46	20.50	20.58			
5	64QAM	12	13	20.57	20.55	20.72			
5	64QAM	25	0	20.68	20.62	20.74	22	3	
Channel				20415	20525	20635			
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	23.74	23.81	23.76	25	0	
3	QPSK	1	8	23.52	23.68	23.39			
3	QPSK	1	14	23.61	23.69	23.70			
3	QPSK	8	0	22.57	22.76	22.71			
3	QPSK	8	4	22.62	22.59	22.69			
3	QPSK	8	7	22.60	22.61	22.69	24	1	
3	QPSK	15	0	22.59	22.73	22.64			
3	16QAM	1	0	22.62	22.89	22.86			
3	16QAM	1	8	22.72	22.68	22.87			
3	16QAM	1	14	22.68	22.88	22.91			
3	16QAM	8	0	21.65	21.57	21.83	23	2	
3	16QAM	8	4	21.48	21.83	21.83			
3	16QAM	8	7	21.59	21.64	21.64			
3	16QAM	15	0	21.53	21.61	21.56			
3	64QAM	1	0	21.80	21.95	21.95			
3	64QAM	1	8	21.76	21.69	21.88	23	2	
3	64QAM	1	14	21.70	21.85	21.70			
3	64QAM	8	0	20.49	20.66	20.51			
3	64QAM	8	4	20.42	20.48	20.57			
3	64QAM	8	7	20.63	20.65	20.73			
3	64QAM	15	0	20.68	20.59	20.85	22	3	
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.69	23.72	23.84	25	0	
1.4	QPSK	1	3	23.51	23.71	23.45			
1.4	QPSK	1	5	23.57	23.77	23.65			
1.4	QPSK	3	0	23.71	23.80	23.85			
1.4	QPSK	3	1	23.63	23.68	23.45			
1.4	QPSK	3	3	23.69	23.70	23.73	24	1	
1.4	QPSK	6	0	22.58	22.61	22.65			
1.4	16QAM	1	0	22.73	22.91	22.88			
1.4	16QAM	1	3	22.84	22.59	23.00			
1.4	16QAM	1	5	22.96	22.86	22.84			
1.4	16QAM	3	0	22.73	22.86	22.87	24	1	
1.4	16QAM	3	1	22.64	22.71	23.01			
1.4	16QAM	3	3	22.59	22.88	22.86			
1.4	16QAM	6	0	21.57	21.64	21.67			
1.4	64QAM	1	0	21.92	21.93	21.87			
1.4	64QAM	1	3	21.82	21.75	21.92	23	2	
1.4	64QAM	1	5	21.80	21.92	21.80			
1.4	64QAM	3	0	21.49	21.75	21.69			
1.4	64QAM	3	1	21.53	21.69	21.70			
1.4	64QAM	3	3	21.98	21.99	21.97			
1.4	64QAM	6	0	20.60	20.59	20.77	22	3	

Band 5_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	21.49	21.58	21.50	23	0	
10	QPSK	1	25	21.36	21.40	21.38			
10	QPSK	1	49	21.40	21.52	21.42			
10	QPSK	25	0	21.48	21.55	21.45			
10	QPSK	25	12	21.47	21.46	21.43			
10	QPSK	25	25	21.46	21.50	21.37	23	0	
10	QPSK	50	0	21.44	21.53	21.43			
10	16QAM	1	0	21.44	21.48	21.40			
10	16QAM	1	25	21.41	21.51	21.49			
10	16QAM	1	49	21.48	21.56	21.48			
10	16QAM	25	0	21.34	21.43	21.46	23	0	
10	16QAM	25	12	21.44	21.55	21.39			
10	16QAM	25	25	21.48	21.52	21.42			
10	16QAM	50	0	21.35	21.53	21.43			
10	64QAM	1	0	21.43	21.47	21.39			
10	64QAM	1	25	21.46	21.52	21.41	23	0	
10	64QAM	1	49	21.42	21.44	21.37			
10	64QAM	25	0	20.50	20.53	20.61			
10	64QAM	25	12	20.49	20.46	20.48			
10	64QAM	25	25	20.52	20.51	20.52			
10	64QAM	50	0	20.51	20.51	20.61	22	1	
Channel				20425	20525	20625			
Frequency (MHz)				825.5	836.5	846.5			
5	QPSK	1	0	21.48	21.56	21.40	23	0	
5	QPSK	1	12	21.27	21.39	21.29			
5	QPSK	1	24	21.35	21.41	21.38			
5	QPSK	12	0	21.35	21.40	21.38			
5	QPSK	12	7	21.36	21.33	21.30			
5	QPSK	12	13	21.35	21.35	21.31	23	0	
5	QPSK	25	0	21.33	21.37	21.29			
5	16QAM	1	0	21.43	21.39	21.32			
5	16QAM	1	12	21.26	21.41	21.48			
5	16QAM	1	24	21.46	21.45	21.37			
5	16QAM	12	0	21.32	21.39	21.31	23	0	
5	16QAM	12	7	21.33	21.53	21.24			
5	16QAM	12	13	21.34	21.37	21.31			
5	16QAM	25	0	21.20	21.40	21.39			
5	16QAM	1	0	21.37	21.37	21.33			
5	64QAM	1	12	21.35	21.46	21.33	23	0	
5	64QAM	1	24	21.37	21.35	21.32			
5	64QAM	12	0	20.40	20.40	20.48			
5	64QAM	12	7	20.34	20.36	20.36			
5	64QAM	12	13	20.40	20.56	20.41			
5	64QAM	25	0	20.42	20.50	20.55	22	1	
Channel				20415	20525	20635			
Frequency (MHz)				826.5	836.5	847.5			
3	QPSK	1	0	21.43	21.55	21.39	23	0	
3	QPSK	1	8	21.37	21.31	21.27			
3	QPSK	1	14	21.38	21.48	21.41			
3	QPSK	8	0	21.42	21.50	21.41			
3	QPSK	8	4	21.32	21.39	21.31			
3	QPSK	8	7	21.43	21.39	21.25	23	0	
3	QPSK	15	0	21.32	21.50	21.37			
3	16QAM	1	0	21.34	21.43	21.42			
3	16QAM	1	8	21.26	21.41	21.34			
3	16QAM	1	14	21.45	21.45	21.45			
3	16QAM	8	0	21.24	21.31	21.42	23	0	
3	16QAM	8	4	21.30	21.50	21.34			
3	16QAM	8	7	21.36	21.50	21.36			
3	16QAM	15	0	21.31	21.38	21.35			
3	64QAM	1	0	21.32	21.33	21.34			
3	64QAM	1	8	21.39	21.44	21.31	23	0	
3	64QAM	1	14	21.36	21.36	21.31			
3	64QAM	8	0	20.49	20.49	20.50			
3	64QAM	8	4	20.36	20.44	20.38			
3	64QAM	8	7	20.49	20.47	20.40			
3	64QAM	15	0	20.43	20.42	20.48	22	1	
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	21.41	21.51	21.42	23	0	
1.4	QPSK	1	3	21.24	21.27	21.36			
1.4	QPSK	1	5	21.36	21.45	21.30			
1.4	QPSK	3	0	21.44	21.45	21.30			
1.4	QPSK	3	1	21.36	21.40	21.41			
1.4	QPSK	3	3	21.42	21.45	21.27	23	0	
1.4	QPSK	6	0	21.34	21.49	21.32			
1.4	16QAM	1	0	21.29	21.35	21.34			
1.4	16QAM	1	3	21.39	21.46	21.47			
1.4	16QAM	1	5	21.45	21.54	21.45			
1.4	16QAM	3	0	21.26	21.36	21.36	23	0	
1.4	16QAM	3	1	21.38	21.38	21.24			
1.4	16QAM	3	3	21.39	21.46	21.33			
1.4	16QAM	6	0	21.26	21.51	21.35			
1.4	64QAM	1	0	21.29	21.41	21.35			
1.4	64QAM	1	3	21.31	21.37	21.34	23	0	
1.4	64QAM	1	5	21.27	21.36	21.29			
1.4	64QAM	3	0	21.29	21.38	21.31			
1.4	64QAM	3	1	21.35	21.35	21.30			
1.4	64QAM	3	3	21.36	21.34	21.25			
1.4	64QAM	6	0	20.45	20.42	20.50	22	1	

Band 7_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.				
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	14.49	14.58	14.47	16	0		
20	QPSK	1	49	14.44	14.52	14.33				
20	QPSK	1	99	14.38	14.37	14.32				
20	QPSK	50	0	14.42	14.47	14.45	16	0		
20	QPSK	50	24	14.37	14.40	14.41				
20	QPSK	50	50	14.40	14.41	14.35				
20	QPSK	100	0	14.44	14.42	14.39	16	0		
20	16QAM	1	0	14.42	14.35	14.32				
20	16QAM	1	49	14.38	14.38	14.27				
20	16QAM	1	99	14.35	14.43	14.35	16	0		
20	16QAM	50	0	14.34	14.39	14.33				
20	16QAM	50	24	14.33	14.35	14.37				
20	16QAM	50	50	14.39	14.34	14.36	16	0		
20	16QAM	100	0	14.44	14.46	14.39				
20	64QAM	1	0	14.41	14.44	14.42				
20	64QAM	1	49	14.35	14.46	14.21	16	0		
20	64QAM	1	99	14.36	14.40	14.28				
20	64QAM	50	0	14.42	14.47	14.33				
20	64QAM	50	24	14.25	14.53	14.34	16	0		
20	64QAM	50	50	14.32	14.40	14.39				
20	64QAM	100	0	14.26	14.40	14.26				
Channel				20825	21100	21375				
Frequency (MHz)				2507.5	2535	2562.5				
16	QPSK	1	0	14.42	14.49	14.33	16	0		
15	QPSK	1	37	14.31	14.48	14.29				
15	QPSK	1	74	14.28	14.31	14.28				
15	QPSK	36	0	14.33	14.33	14.41	16	0		
15	QPSK	36	20	14.25	14.28	14.32				
15	QPSK	36	39	14.38	14.35	14.21				
15	QPSK	75	0	14.22	14.40	14.24	16	0		
15	16QAM	1	0	14.37	14.33	14.18				
15	16QAM	1	37	14.36	14.34	14.25				
15	16QAM	1	74	14.20	14.36	14.28	16	0		
15	16QAM	36	0	14.32	14.30	14.18				
15	16QAM	36	20	14.27	14.27	14.24				
15	16QAM	36	39	14.37	14.21	14.25	16	0		
15	16QAM	75	0	14.37	14.43	14.28				
15	64QAM	1	0	14.38	14.40	14.27				
15	64QAM	1	37	14.21	14.41	14.11	16	0		
15	64QAM	1	74	14.35	14.38	14.26				
15	64QAM	36	0	14.39	14.41	14.31				
15	64QAM	36	20	14.17	14.46	14.20	16	0		
15	64QAM	36	39	14.26	14.34	14.26				
15	64QAM	75	0	14.17	14.34	14.12				
Channel				20860	21100	21400				
Frequency (MHz)				2506	2535	2565				
10	QPSK	1	0	14.34	14.57	14.44	16	0		
10	QPSK	1	25	14.35	14.41	14.21				
10	QPSK	1	49	14.33	14.26	14.26				
10	QPSK	25	0	14.28	14.35	14.31	16	0		
10	QPSK	25	12	14.22	14.35	14.37				
10	QPSK	25	25	14.29	14.38	14.30				
10	QPSK	50	0	14.32	14.32	14.34	16	0		
10	16QAM	1	0	14.35	14.26	14.27				
10	16QAM	1	25	14.27	14.27	14.12				
10	16QAM	1	49	14.28	14.38	14.23	16	0		
10	16QAM	25	0	14.27	14.26	14.28				
10	16QAM	25	12	14.28	14.29	14.22				
10	16QAM	25	25	14.33	14.33	14.35	16	0		
10	16QAM	50	0	14.34	14.34	14.35				
10	64QAM	1	0	14.31	14.35	14.36				
10	64QAM	1	25	14.22	14.43	14.10	16	0		
10	64QAM	1	49	14.35	14.26	14.26				
10	64QAM	25	0	14.29	14.45	14.32				
10	64QAM	25	12	14.22	14.43	14.30	16	0		
10	64QAM	25	25	14.31	14.25	14.35				
10	64QAM	50	0	14.17	14.25	14.12				
Channel				20775	21100	21425				
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	14.36	14.56	14.45	16	0		
5	QPSK	1	12	14.29	14.47	14.25				
5	QPSK	1	24	14.26	14.23	14.29				
5	QPSK	12	0	14.37	14.41	14.34	16	0		
5	QPSK	12	7	14.24	14.35	14.38				
5	QPSK	12	13	14.28	14.36	14.29				
5	QPSK	25	0	14.32	14.35	14.33	16	0		
5	16QAM	1	0	14.31	14.26	14.18				
5	16QAM	1	12	14.26	14.24	14.16				
5	16QAM	1	24	14.23	14.33	14.22	16	0		
5	16QAM	12	0	14.28	14.27	14.32				
5	16QAM	12	7	14.29	14.25	14.32				
5	16QAM	12	13	14.29	14.27	14.24	16	0		
5	16QAM	25	0	14.37	14.37	14.37				
5	64QAM	1	0	14.33	14.39	14.41				
5	64QAM	1	12	14.25	14.38	14.20	16	0		
5	64QAM	1	24	14.23	14.29	14.13				
5	64QAM	12	0	14.40	14.41	14.23				
5	64QAM	12	7	14.15	14.46	14.26	16	0		
5	64QAM	12	13	14.25	14.25	14.32				
5	64QAM	25	0	14.13	14.32	14.19				

Band 7_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350	2510	2535	2560	
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	23.75	23.86	23.77	24.5	0		
20	QPSK	1	49	23.69	23.77	23.70				
20	QPSK	1	99	23.72	23.85	23.71				
20	QPSK	50	0	22.73	22.79	22.76	23.5	1		
20	QPSK	50	24	22.66	22.74	22.73				
20	QPSK	50	50	22.69	22.77	22.71				
20	QPSK	100	0	22.67	22.76	22.69	23.5	1		
20	16QAM	1	0	22.82	22.90	22.85				
20	16QAM	1	49	22.88	22.91	22.85				
20	16QAM	1	99	22.79	23.10	23.13	22.5	2		
20	16QAM	50	0	21.59	21.79	21.72				
20	16QAM	50	24	21.66	21.75	21.69				
20	16QAM	50	50	21.74	21.75	21.71	22.5	2		
20	16QAM	100	0	21.68	21.73	21.71				
20	64QAM	1	0	21.80	22.06	22.05				
20	64QAM	1	49	21.77	21.91	21.85	22.5	2		
20	64QAM	1	99	21.80	21.93	22.13				
20	64QAM	50	0	20.61	20.76	20.76				
20	64QAM	50	24	20.68	20.82	20.71	21.5	3		
20	64QAM	50	50	20.71	20.80	20.70				
20	64QAM	100	0	20.76	20.79	20.72				
Channel				20850	21100	21350	2507.5	2535	2562.5	
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	23.67	23.79	23.76	24.5	0		
15	QPSK	1	37	23.59	23.65	23.69				
15	QPSK	1	74	23.64	23.70	23.67				
15	QPSK	36	0	22.67	22.70	22.67	23.5	1		
15	QPSK	36	20	22.65	22.66	22.71				
15	QPSK	36	39	22.66	22.69	22.70				
15	QPSK	75	0	22.58	22.75	22.60	23.5	1		
15	16QAM	1	0	22.67	22.66	22.68				
15	16QAM	1	37	22.83	22.80	22.76				
15	16QAM	1	74	22.70	23.03	23.11	22.5	2		
15	16QAM	36	0	21.50	21.71	21.64				
15	16QAM	36	20	21.61	21.63	21.60				
15	16QAM	36	39	21.62	21.68	21.58	21.5	3		
15	16QAM	75	0	21.60	21.71	21.59				
15	64QAM	1	0	21.69	22.05	22.01				
15	64QAM	1	37	21.73	21.86	21.73	22.5	2		
15	64QAM	1	74	21.67	21.78	22.06				
15	64QAM	36	0	20.57	20.89	20.82				
15	64QAM	36	20	20.58	20.81	20.56	21.5	3		
15	64QAM	36	39	20.56	20.77	20.69				
15	64QAM	75	0	20.51	20.74	20.82				
Channel				20800	21100	21400	2506	2535	2565	
Frequency (MHz)				2506	2535	2565				
10	QPSK	1	0	23.65	23.79	23.72	24.5	0		
10	QPSK	1	25	23.62	23.69	23.63				
10	QPSK	1	49	23.64	23.70	23.70				
10	QPSK	25	0	22.62	22.66	22.72	23.5	1		
10	QPSK	25	12	22.57	22.67	22.64				
10	QPSK	25	25	22.64	22.63	22.69				
10	QPSK	50	0	22.54	22.73	22.64	23.5	1		
10	16QAM	1	0	22.75	22.88	22.77				
10	16QAM	1	25	22.80	22.80	22.88				
10	16QAM	1	49	22.91	22.98	23.05	22.5	2		
10	16QAM	25	0	21.52	21.73	21.65				
10	16QAM	25	12	21.56	21.64	21.57				
10	16QAM	25	25	21.62	21.67	21.68	21.5	3		
10	16QAM	50	0	21.51	21.67	21.70				
10	64QAM	1	0	21.72	21.98	21.90				
10	64QAM	1	25	21.67	21.81	21.84	22.5	2		
10	64QAM	1	49	21.65	21.83	22.04				
10	64QAM	25	0	20.48	20.74	20.74				
10	64QAM	25	12	20.65	20.73	20.69	21.5	3		
10	64QAM	25	25	20.60	20.72	20.62				
10	64QAM	50	0	20.62	20.72	20.65				
Channel				20775	21100	21425	2507.5	2535	2567.5	
Frequency (MHz)				2507.5	2535	2567.5				
5	QPSK	1	0	23.60	23.85	23.65	24.5	0		
5	QPSK	1	12	23.57	23.74	23.62				
5	QPSK	1	24	23.66	23.84	23.68				
5	QPSK	12	0	22.62	22.66	22.67	23.5	1		
5	QPSK	12	7	22.62	22.59	22.72				
5	QPSK	12	13	22.63	22.66	22.59				
5	QPSK	25	0	22.56	22.65	22.65	23.5	1		
5	16QAM	1	0	22.73	22.81	22.89				
5	16QAM	1	12	22.75	22.84	22.72				
5	16QAM	1	24	22.74	22.99	22.92	22.5	2		
5	16QAM	12	0	21.65	21.69	21.67				
5	16QAM	12	7	21.57	21.64	21.58				
5	16QAM	12	13	21.61	21.67	21.65	21.5	3		
5	16QAM	25	0	21.52	21.62	21.60				
5	64QAM	1	0	21.70	22.04	21.98				
5	64QAM	1	12	21.64	21.82	21.77	22.5	2		
5	64QAM	1	24	21.70	21.88	22.01				
5	64QAM	12	0	20.59	20.84	20.62				
5	64QAM	12	7	20.62	20.76	20.67	21.5	3		
5	64QAM	12	13	20.62	20.75	20.57				
5	64QAM	25	0	20.62	20.73	20.69				

Band 12_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.43	23.50	23.45	24.5	0	
10	QPSK	1	25	23.22	23.39	23.29			
10	QPSK	1	49	23.41	23.47	23.22			
10	QPSK	25	0	22.28	22.30	22.25			
10	QPSK	25	12	22.21	22.20	22.22			
10	QPSK	25	25	22.24	22.28	22.22	23.5	1	
10	QPSK	50	0	22.23	22.27	22.24			
10	16QAM	1	0	22.52	22.37	22.80			
10	16QAM	1	25	22.42	22.32	22.35			
10	16QAM	1	49	22.86	22.55	22.81			
10	16QAM	25	0	21.24	21.18	21.20	22.5	2	
10	16QAM	25	12	21.14	21.26	21.18			
10	16QAM	25	25	21.18	21.36	21.25			
10	16QAM	50	0	21.17	21.24	21.23			
10	64QAM	1	0	21.25	21.36	21.22			
10	64QAM	1	25	21.53	21.35	21.40	22.5	2	
10	64QAM	1	49	21.50	21.39	21.35			
10	64QAM	25	0	20.19	20.28	20.21			
10	64QAM	25	12	20.25	20.21	20.31			
10	64QAM	25	25	20.27	20.37	20.23			
10	64QAM	50	0	20.29	20.25	20.23	21.5	3	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.38	23.37	23.38	24.5	0	
5	QPSK	1	12	23.08	23.26	23.15			
5	QPSK	1	24	23.31	23.38	23.19			
5	QPSK	12	0	22.26	22.28	22.21			
5	QPSK	12	7	22.07	22.19	22.07			
5	QPSK	12	13	22.12	22.23	22.16	23.5	1	
5	QPSK	25	0	22.17	22.24	22.18			
5	16QAM	1	0	22.37	22.26	22.36			
5	16QAM	1	12	22.37	22.17	22.33			
5	16QAM	1	24	22.59	22.45	22.59			
5	16QAM	12	0	21.14	21.04	21.11	22.5	2	
5	16QAM	12	7	21.02	21.14	21.14			
5	16QAM	12	13	21.09	21.25	21.13			
5	16QAM	25	0	21.06	21.19	21.18			
5	64QAM	1	0	21.13	21.29	21.38			
5	64QAM	1	12	21.38	21.31	21.25	22.5	2	
5	64QAM	1	24	21.47	21.29	21.34			
5	64QAM	12	0	20.11	20.23	20.19			
5	64QAM	12	7	20.19	20.13	20.27			
5	64QAM	12	13	20.20	20.26	20.16			
5	64QAM	25	0	20.20	20.22	20.08	21.5	3	
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	23.40	23.49	23.35	24.5	0	
3	QPSK	1	8	23.16	23.31	23.21			
3	QPSK	1	14	23.36	23.45	23.21			
3	QPSK	8	0	22.19	22.25	22.19			
3	QPSK	8	4	22.06	22.09	22.11			
3	QPSK	8	7	22.14	22.22	22.16	23.5	1	
3	QPSK	15	0	22.09	22.19	22.20			
3	16QAM	1	0	22.51	22.30	22.59			
3	16QAM	1	8	22.35	22.25	22.28			
3	16QAM	1	14	22.53	22.48	22.54			
3	16QAM	8	0	21.14	21.09	21.06	22.5	2	
3	16QAM	8	4	21.09	21.14	21.16			
3	16QAM	8	7	21.03	21.30	21.11			
3	16QAM	15	0	21.12	21.14	21.22			
3	64QAM	1	0	21.21	21.35	21.09			
3	64QAM	1	8	21.46	21.22	21.39	22.5	2	
3	64QAM	1	14	21.38	21.34	21.29			
3	64QAM	8	0	20.11	20.18	20.17			
3	64QAM	8	4	20.16	20.10	20.27			
3	64QAM	8	7	20.19	20.35	20.20			
3	64QAM	15	0	20.16	20.17	20.22	21.5	3	
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.32	23.45	23.37	24.5	0	
1.4	QPSK	1	3	23.16	23.26	23.17			
1.4	QPSK	1	5	23.38	23.40	23.21			
1.4	QPSK	3	0	23.39	23.42	23.42			
1.4	QPSK	3	1	23.20	23.28	23.17			
1.4	QPSK	3	3	23.36	23.40	23.09	23.5	1	
1.4	QPSK	6	0	22.20	22.18	22.20			
1.4	16QAM	1	0	22.45	22.28	22.55			
1.4	16QAM	1	3	22.30	22.26	22.30			
1.4	16QAM	1	5	22.58	22.51	22.46			
1.4	16QAM	3	0	22.46	22.25	22.46	23.5	1	
1.4	16QAM	3	1	22.33	22.28	22.26			
1.4	16QAM	3	3	22.62	22.48	22.48			
1.4	16QAM	6	0	21.11	21.11	21.10			
1.4	64QAM	1	0	21.19	21.27	21.19			
1.4	64QAM	1	3	21.42	21.21	21.26	22.5	2	
1.4	64QAM	1	5	21.43	21.30	21.25			
1.4	64QAM	3	0	21.13	21.32	21.14			
1.4	64QAM	3	1	21.38	21.20	21.27			
1.4	64QAM	3	3	21.36	21.35	21.24			
1.4	64QAM	6	0	20.22	20.22	20.19	21.5	3	

Band 12_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23090	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.66	23.72	23.68	24.5	0	
10	QPSK	1	25	23.60	23.64	23.54			
10	QPSK	1	49	23.62	23.43	23.38			
10	QPSK	25	0	22.55	22.60	22.53			
10	QPSK	25	12	22.51	22.52	22.51			
10	QPSK	25	25	22.53	22.56	22.45	23.5	1	
10	QPSK	50	0	22.53	22.58	22.47			
10	16QAM	1	0	22.95	22.83	22.99			
10	16QAM	1	25	22.94	22.69	22.70			
10	16QAM	1	49	22.99	22.76	22.84			
10	16QAM	25	0	21.52	21.64	21.46	22.5	2	
10	16QAM	25	12	21.43	21.53	21.43			
10	16QAM	25	25	21.60	21.54	21.44			
10	16QAM	50	0	21.56	21.56	21.44			
10	64QAM	1	0	21.75	21.73	21.67			
10	64QAM	1	25	21.85	21.90	21.77	22.5	2	
10	64QAM	1	49	21.71	21.69	21.84			
10	64QAM	25	0	20.53	20.50	20.49			
10	64QAM	25	12	20.58	20.52	20.48			
10	64QAM	25	25	20.51	20.50	20.49			
10	64QAM	50	0	20.53	20.52	20.46	21.5	3	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.55	23.70	23.57	24.5	0	
5	QPSK	1	12	23.49	23.55	23.49			
5	QPSK	1	24	23.54	23.34	23.28			
5	QPSK	12	0	22.53	22.51	22.50			
5	QPSK	12	7	22.49	22.49	22.37			
5	QPSK	12	13	22.48	22.51	22.31	23.5	1	
5	QPSK	25	0	22.44	22.52	22.42			
5	16QAM	1	0	22.67	22.57	22.96			
5	16QAM	1	12	22.87	22.81	22.87			
5	16QAM	1	24	22.95	22.68	22.52			
5	16QAM	12	0	21.46	21.59	21.41	22.5	2	
5	16QAM	12	7	21.40	21.50	21.30			
5	16QAM	12	13	21.54	21.43	21.29			
5	16QAM	25	0	21.44	21.42	21.37			
5	64QAM	1	0	21.71	21.71	21.81			
5	64QAM	1	12	21.81	21.68	21.74	22.5	2	
5	64QAM	1	24	21.66	21.65	21.71			
5	64QAM	12	0	20.39	20.38	20.30			
5	64QAM	12	7	20.35	20.46	20.45			
5	64QAM	12	13	20.48	20.39	20.42			
5	64QAM	25	0	20.44	20.39	20.42	21.5	3	
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	23.58	23.63	23.68	24.5	0	
3	QPSK	1	8	23.53	23.39	23.44			
3	QPSK	1	14	23.56	23.35	23.37			
3	QPSK	8	0	22.43	22.59	22.48			
3	QPSK	8	7	22.49	22.55	22.43			
3	QPSK	15	0	22.48	22.49	22.40	23.5	1	
3	16QAM	1	0	22.91	22.57	22.96			
3	16QAM	1	8	22.91	22.65	22.69			
3	16QAM	1	14	22.93	22.66	22.55			
3	16QAM	8	0	21.47	21.53	21.43			
3	16QAM	8	4	21.42	21.46	21.30	22.5	2	
3	16QAM	8	7	21.55	21.43	21.41			
3	16QAM	15	0	21.49	21.50	21.39			
3	64QAM	1	0	21.64	21.67	21.81			
3	64QAM	1	8	21.64	21.83	21.74			
3	64QAM	1	14	21.68	21.86	21.83	22.5	2	
3	64QAM	8	0	20.52	20.40	20.43			
3	64QAM	8	4	20.48	20.48	20.34			
3	64QAM	8	7	20.43	20.41	20.35			
3	64QAM	15	0	20.40	20.49	20.43			
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.56	23.60	23.67	24.5	0	
1.4	QPSK	1	3	23.57	23.60	23.40			
1.4	QPSK	1	5	23.51	23.41	23.25			
1.4	QPSK	3	0	23.46	23.46	23.67			
1.4	QPSK	3	3	23.53	23.62	23.48			
1.4	QPSK	3	3	23.57	23.42	23.27	23.5	1	
1.4	QPSK	6	0	22.39	22.47	22.43			
1.4	16QAM	1	0	22.93	22.51	22.88			
1.4	16QAM	1	3	22.80	22.55	22.61			
1.4	16QAM	1	5	22.87	22.64	22.50			
1.4	16QAM	3	0	22.89	22.48	22.93	23.5	1	
1.4	16QAM	3	3	22.93	22.42	22.63			
1.4	16QAM	3	3	22.85	22.62	22.56			
1.4	16QAM	6	0	21.52	21.51	21.37			
1.4	64QAM	1	0	21.70	21.69	21.79			
1.4	64QAM	1	3	21.74	21.82	21.67	22.5	2	
1.4	64QAM	1	5	21.59	21.56	21.82			
1.4	64QAM	3	0	21.70	21.63	21.79			
1.4	64QAM	3	3	21.76	21.76	21.72			
1.4	64QAM	3	3	21.63	21.54	21.73			
1.4	64QAM	6	0	20.52	20.45	20.44	21.5	3	

Band 66_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				132072	132092	132072				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	20.40	20.46	20.38	21.5	0		
20	QPSK	1	49	20.23	20.33	20.32				
20	QPSK	1	99	20.29	20.44	20.34				
20	QPSK	50	0	20.35	20.42	20.33	21.5	0		
20	QPSK	50	24	20.24	20.39	20.20				
20	QPSK	50	50	20.17	20.32	20.24				
20	QPSK	100	0	20.25	20.37	20.28	21.5	0		
20	16QAM	1	0	20.23	20.34	20.18				
20	16QAM	1	49	20.24	20.42	20.24				
20	16QAM	1	99	20.25	20.25	20.38	21.5	0		
20	16QAM	50	0	20.27	20.40	20.17				
20	16QAM	50	24	20.23	20.33	20.34				
20	16QAM	50	50	20.35	20.36	20.23	21.5	0		
20	16QAM	100	0	20.40	20.32	20.28				
20	64QAM	1	0	20.23	20.33	20.23				
20	64QAM	1	99	20.28	20.33	20.30	21.5	0		
20	64QAM	50	0	20.30	20.34	20.40				
20	64QAM	50	24	20.32	20.34	20.44				
20	64QAM	50	50	20.27	20.29	20.38	21.5	0		
20	64QAM	100	0	20.25	20.31	20.41				
Channel				132047	132022	132097			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	20.38	20.36	20.35	21.5	0		
15	QPSK	1	37	20.20	20.28	20.23				
15	QPSK	1	74	20.19	20.41	20.30				
15	QPSK	36	0	20.21	20.39	20.21	21.5	0		
15	QPSK	36	20	20.14	20.25	20.15				
15	QPSK	36	39	20.04	20.19	20.19				
15	QPSK	75	0	20.10	20.26	20.13	21.5	0		
15	16QAM	1	0	20.12	20.31	20.07				
15	16QAM	1	37	20.22	20.32	20.18				
15	16QAM	1	74	20.21	20.18	20.29	21.5	0		
15	16QAM	36	0	20.17	20.30	20.10				
15	16QAM	36	20	20.16	20.18	20.23				
15	16QAM	36	39	20.27	20.24	20.20	21.5	0		
15	16QAM	75	0	20.28	20.26	20.27				
15	64QAM	1	0	20.12	20.31	20.11				
15	64QAM	1	37	20.24	20.23	20.14	21.5	0		
15	64QAM	1	74	20.16	20.32	20.27				
15	64QAM	36	0	20.15	20.27	20.43				
15	64QAM	36	20	20.29	20.21	20.35	21.5	0		
15	64QAM	36	39	20.18	20.20	20.29				
15	64QAM	75	0	20.23	20.29	20.40				
Channel				132022	132022	132022	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	20.27	20.44	20.30	21.5	0		
10	QPSK	1	49	20.18	20.27	20.17				
10	QPSK	1	99	20.19	20.43	20.30				
10	QPSK	25	0	20.29	20.36	20.20	21.5	0		
10	QPSK	25	12	20.14	20.28	20.11				
10	QPSK	25	25	20.16	20.23	20.16				
10	QPSK	50	0	20.24	20.30	20.17	21.5	0		
10	16QAM	1	0	20.08	20.27	20.13				
10	16QAM	1	25	20.16	20.25	20.10				
10	16QAM	1	49	20.13	20.13	20.37	21.5	0		
10	16QAM	25	0	20.16	20.26	20.05				
10	16QAM	25	12	20.12	20.27	20.19				
10	16QAM	25	25	20.30	20.21	20.16	21.5	0		
10	16QAM	50	0	20.30	20.24	20.18				
10	64QAM	1	0	20.16	20.24	20.24				
10	64QAM	1	25	20.26	20.26	20.09	21.5	0		
10	64QAM	1	49	20.19	20.29	20.28				
10	64QAM	25	0	20.24	20.33	20.34				
10	64QAM	25	12	20.34	20.21	20.38	21.5	0		
10	64QAM	25	25	20.23	20.18	20.31				
10	64QAM	50	0	20.24	20.22	20.32				
Channel				131997	132022	132047	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	20.39	20.31	20.32	21.5	0		
5	QPSK	1	12	20.15	20.31	20.17				
5	QPSK	1	24	20.23	20.30	20.22				
5	QPSK	12	0	20.20	20.31	20.24	21.5	0		
5	QPSK	12	7	20.19	20.35	20.13				
5	QPSK	12	13	20.13	20.17	20.18				
5	QPSK	25	0	20.13	20.31	20.13	21.5	0		
5	16QAM	1	0	20.12	20.24	20.04				
5	16QAM	1	12	20.14	20.36	20.10				
5	16QAM	1	24	20.24	20.20	20.36	21.5	0		
5	16QAM	12	0	20.12	20.39	20.16				
5	16QAM	12	7	20.21	20.19	20.20				
5	16QAM	12	13	20.21	20.33	20.21	21.5	0		
5	16QAM	25	0	20.30	20.23	20.23				
5	64QAM	1	0	20.19	20.23	20.23				
5	64QAM	1	12	20.15	20.26	20.19	21.5	0		
5	64QAM	1	24	20.19	20.22	20.24				
5	64QAM	12	0	20.15	20.19	20.38				
5	64QAM	12	7	20.25	20.27	20.38	21.5	0		
5	64QAM	12	13	20.15	20.20	20.31				
5	64QAM	25	0	20.12	20.26	20.40				
Channel				131987	132022	132057	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	20.36	20.44	20.37	21.5	0		
3	QPSK	1	8	20.24	20.19	20.31				
3	QPSK	1	14	20.27	20.32	20.25				
3	QPSK	8	0	20.21	20.28	20.16	21.5	0		
3	QPSK	8	4	20.16	20.37	20.06				
3	QPSK	8	7	20.02	20.18	20.18				
3	QPSK	15	0	20.17	20.36	20.25	21.5	0		
3	16QAM	1	0	20.15	20.26	20.10				
3	16QAM	1	8	20.19	20.27	20.21				
3	16QAM	1	14	20.15	20.17	20.29	21.5	0		
3	16QAM	8	0	20.21	20.34	20.08				
3	16QAM	8	4	20.13	20.27	20.27				
3	16QAM	8	7	20.26	20.28	20.16	21.5	0		
3	16QAM	15	0	20.35	20.19	20.16				
3	64QAM	1	0	20.13	20.27	20.15				
3	64QAM	1	8	20.17	20.17	20.10	21.5	0		
3	64QAM	1	14	20.27	20.31	20.26				
3	64QAM	8	0	20.29	20.19	20.29				
3	64QAM	8	4	20.29	20.29	20.39	21.5	0		
3	64QAM	8	7	20.14	20.21	20.32				
3	64QAM	15	0	20.11	20.30	20.36				
Channel				131979	132022	132065	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1745	1779.3				
1.4	QPSK	1	0	20.26	20.43	20.31	21.5	0		
1.4	QPSK	1	3	20.12	20.21	20.28				
1.4	QPSK	1	5	20.24	20.33	20.32				
1.4	QPSK	3	0	20.20	20.27	20.31	21.5	0		
1.4	QPSK	3	1	20.16	20.37	20.14				
1.4	QPSK	3	3	20.02	20.17	20.21				
1.4	QPSK	6	0	20.13	20.22	20.20	21.5	0		
1.4	16QAM	1	0	20.08	20.27	20.16				
1.4	16QAM	1	3	20.11	20.28	20.22				
1.4	16QAM	3	0	20.17	20.33	20.29	21.5	0		
1.4	16QAM	3	1	20.15	20.27	20.33				
1.4	16QAM	3	3	20.34	20.29	20.14				
1.4	16QAM	6	0	20.35	20.19	20.16	21.5	0		
1.4	64QAM	1	0	20.16	20.28	20.16				
1.4	64QAM	1	3	20.22	20.21	20.11				
1.4	64QAM	3	0	20.14	20.32	20.29	21.5	0		
1.4	64QAM	3	0	20.27	20.25	20.34				
1.4	64QAM	3	0	20.25	20.25	20.37				
1.4	64QAM	3	3	20.12	20.25	20.32	21.5	0		
1.4	64QAM	6	0	20.22	20.19	20.35				

LTE Band 71_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Main Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				133222	133297	133272	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				673	680.5	678				
20	QPSK	1	0	-23.35	-23.41	-23.24	24.5	0		
20	QPSK	1	49	-23.21	-23.24	-23.20				
20	QPSK	1	99	-23.16	-23.22	-23.22				
20	QPSK	50	0	-22.35	-22.39	-22.29	23.5	1		
20	QPSK	50	24	-22.29	-22.29	-22.25				
20	QPSK	50	50	-22.33	-22.23	-22.24				
20	QPSK	100	0	-22.31	-22.34	-22.26	23.5	1		
20	16QAM	1	0	-22.53	-22.52	-22.53				
20	16QAM	1	49	-22.48	-22.44	-22.48				
20	16QAM	1	99	-22.49	-22.54	-22.56	22.5	2		
20	16QAM	50	0	-21.35	-21.21	-21.23				
20	16QAM	50	24	-21.27	-21.26	-21.27				
20	16QAM	50	50	-21.34	-21.29	-21.25	22.5	2		
20	16QAM	100	0	-21.35	-21.22	-21.25				
20	64QAM	1	0	-21.42	-21.44	-21.48				
20	64QAM	1	49	-21.34	-21.45	-21.35	21.5	3		
20	64QAM	1	99	-21.40	-21.49	-21.51				
20	64QAM	50	0	-20.34	-20.23	-20.22				
20	64QAM	50	24	-20.28	-20.31	-20.29	21.5	3		
20	64QAM	50	50	-20.35	-20.31	-20.27				
20	64QAM	100	0	-20.36	-20.26	-20.24				
Channel				133197	133207	133197	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				670.5	680.5	680.5				
15	QPSK	1	0	-23.30	-23.31	-23.06	24.5	0		
15	QPSK	1	37	-23.12	-23.06	-23.10				
15	QPSK	1	74	-23.11	-22.99	-23.13				
15	QPSK	36	0	-22.28	-22.14	-22.04	23.5	1		
15	QPSK	36	20	-22.07	-22.04	-22.06				
15	QPSK	36	39	-22.20	-22.05	-22.15				
15	QPSK	75	0	-22.22	-22.16	-22.09	23.5	1		
15	16QAM	1	0	-22.36	-22.46	-22.44				
15	16QAM	1	37	-22.36	-22.20	-22.24				
15	16QAM	1	74	-22.39	-22.34	-22.45	22.5	2		
15	16QAM	36	0	-21.12	-20.97	-21.14				
15	16QAM	36	20	-21.06	-21.21	-21.21				
15	16QAM	36	39	-21.09	-21.16	-21.04	22.5	2		
15	16QAM	75	0	-21.29	-21.09	-21.05				
15	64QAM	1	0	-21.22	-21.27	-21.22	22.5	2		
15	64QAM	1	37	-21.19	-21.36	-21.24				
15	64QAM	1	74	-21.30	-21.28	-21.44				
15	64QAM	36	0	-20.15	-20.16	-20.00	21.5	3		
15	64QAM	36	20	-20.17	-20.25	-20.24				
15	64QAM	36	39	-20.24	-20.25	-20.10				
15	64QAM	75	0	-20.27	-20.14	-20.08	24.5	0		
Channel				133172	133297	133422				
Frequency (MHz)				668	680.5	693	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	0	-23.28	-23.16	-23.17				
10	QPSK	1	25	-23.03	-23.18	-23.07	24.5	0		
10	QPSK	1	49	-22.98	-23.00	-23.08				
10	QPSK	25	0	-22.30	-22.15	-22.16				
10	QPSK	25	12	-22.21	-22.07	-22.06	23.5	1		
10	QPSK	25	25	-22.18	-21.98	-21.99				
10	QPSK	50	0	-22.25	-22.19	-22.02				
10	16QAM	1	0	-22.37	-22.43	-22.41	23.5	1		
10	16QAM	1	25	-22.36	-22.31	-22.28				
10	16QAM	1	49	-22.38	-22.31	-22.46				
10	16QAM	25	0	-21.16	-21.05	-21.03	22.5	2		
10	16QAM	25	12	-21.14	-21.20	-21.19				
10	16QAM	25	25	-21.13	-21.22	-21.10				
10	16QAM	50	0	-21.29	-21.03	-21.06	22.5	2		
10	64QAM	1	0	-21.35	-21.32	-21.34				
10	64QAM	1	25	-21.19	-21.38	-21.12				
10	64QAM	1	49	-21.33	-21.25	-21.43	21.5	3		
10	64QAM	25	0	-20.20	-20.18	-20.11				
10	64QAM	25	12	-20.03	-20.10	-20.21				
10	64QAM	25	25	-20.24	-20.19	-20.08	24.5	0		
10	64QAM	50	0	-20.21	-20.18	-20.06				
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				665.5	680.5	686.5				
5	QPSK	1	0	-23.27	-23.35	-23.10	24.5	0		
5	QPSK	1	12	-23.04	-23.09	-23.00				
5	QPSK	1	24	-23.02	-23.09	-23.02				
5	QPSK	12	0	-22.22	-22.30	-22.09	23.5	1		
5	QPSK	12	7	-22.21	-22.20	-22.09				
5	QPSK	12	13	-22.12	-22.11	-22.10				
5	QPSK	25	0	-22.26	-22.12	-22.07	23.5	1		
5	16QAM	1	0	-22.34	-22.33	-22.36				
5	16QAM	1	12	-22.30	-22.36	-22.43				
5	16QAM	1	24	-22.29	-22.36	-22.42	22.5	2		
5	16QAM	12	0	-21.29	-20.98	-21.18				
5	16QAM	12	7	-21.07	-21.18	-21.18				
5	16QAM	12	13	-21.26	-21.16	-21.01	22.5	2		
5	16QAM	25	0	-21.15	-21.05	-21.09				
5	64QAM	1	0	-21.24	-21.20	-21.33	22.5	2		
5	64QAM	1	12	-21.20	-21.30	-21.17				
5	64QAM	1	24	-21.31	-21.29	-21.36				
5	64QAM	12	0	-20.10	-20.17	-20.13	21.5	3		
5	64QAM	12	7	-20.15	-20.18	-20.10				
5	64QAM	12	13	-20.20	-20.06	-20.22				
5	64QAM	25	0	-20.19	-20.18	-20.08	24.5	0		

LTE Band 71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Main Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				13322	13329	13332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				671	680.5	688			
20	QPSK	1	0	23.52	23.60	23.55	24.5	0	
20	QPSK	1	49	23.49	23.50	23.53			
20	QPSK	1	99	23.58	23.59	23.47			
20	QPSK	50	0	22.69	22.71	22.57	23.5	1	
20	QPSK	50	24	22.64	22.63	22.53			
20	QPSK	50	50	22.61	22.64	22.55			
20	QPSK	100	0	22.61	22.69	22.53	23.5	1	
20	16QAM	1	0	22.85	22.92	22.84			
20	16QAM	1	49	22.82	22.88	22.74			
20	16QAM	1	99	22.77	22.79	22.89	23.5	1	
20	16QAM	50	0	21.75	21.62	21.52			
20	16QAM	50	24	21.63	21.59	21.59			
20	16QAM	50	50	21.65	21.62	21.54	22.5	2	
20	16QAM	100	0	21.65	21.57	21.52			
20	64QAM	1	0	21.69	21.73	21.73			
20	64QAM	1	49	21.87	21.71	21.66	22.5	2	
20	64QAM	1	99	21.63	21.72	21.62			
20	64QAM	50	0	20.68	20.62	20.51			
20	64QAM	50	24	20.66	20.64	20.61	21.5	3	
20	64QAM	50	50	20.69	20.64	20.58			
20	64QAM	100	0	20.64	20.64	20.55			
Channel				133197	133207	133217	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	685.5			
15	QPSK	1	0	23.51	23.45	23.45	24.5	0	
15	QPSK	1	37	23.36	23.33	23.48			
15	QPSK	1	74	23.50	23.51	23.25			
15	QPSK	36	0	22.90	22.54	22.52	23.5	1	
15	QPSK	36	20	22.48	22.45	22.32			
15	QPSK	36	39	22.44	22.54	22.41			
15	QPSK	75	0	22.43	22.60	22.42	23.5	1	
15	16QAM	1	0	22.52	22.79	22.79			
15	16QAM	1	37	22.76	22.69	22.50			
15	16QAM	1	74	22.53	22.56	22.46	22.5	2	
15	16QAM	36	0	21.57	21.49	21.35			
15	16QAM	36	20	21.46	21.54	21.47			
15	16QAM	36	39	21.51	21.56	21.41	21.5	3	
15	16QAM	75	0	21.46	21.42	21.30			
15	64QAM	1	0	21.60	21.65	21.61			
15	64QAM	1	37	21.62	21.55	21.53	22.5	2	
15	64QAM	1	74	21.54	21.63	21.51			
15	64QAM	36	0	20.44	20.37	20.44			
15	64QAM	36	20	20.50	20.54	20.50	21.5	3	
15	64QAM	36	39	20.53	20.43	20.39			
15	64QAM	75	0	20.50	20.41	20.35			
Channel				133172	133207	133422	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				666	680.5	695			
10	QPSK	1	0	23.56	23.47	23.48	24.5	0	
10	QPSK	1	25	23.47	23.38	23.44			
10	QPSK	1	49	23.34	23.51	23.27			
10	QPSK	25	0	22.51	22.63	22.40	23.5	1	
10	QPSK	25	12	22.48	22.41	22.46			
10	QPSK	25	25	22.36	22.55	22.34			
10	QPSK	50	0	22.41	22.47	22.44	23.5	1	
10	16QAM	1	0	22.79	22.89	22.77			
10	16QAM	1	25	22.73	22.70	22.57			
10	16QAM	1	49	22.48	22.44	22.48	22.5	2	
10	16QAM	25	0	21.52	21.53	21.36			
10	16QAM	25	12	21.43	21.36	21.39			
10	16QAM	25	25	21.53	21.54	21.40	21.5	3	
10	16QAM	50	0	21.56	21.49	21.32			
10	64QAM	1	0	21.55	21.58	21.62			
10	64QAM	1	25	21.73	21.64	21.51	22.5	2	
10	64QAM	1	49	21.48	21.51	21.56			
10	64QAM	25	0	20.54	20.39	20.35			
10	64QAM	25	12	20.41	20.42	20.30	21.5	3	
10	64QAM	25	25	20.50	20.50	20.49			
10	64QAM	50	0	20.54	20.46	20.44			
Channel				133147	133207	133447	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	23.53	23.59	23.34	24.5	0	
5	QPSK	1	12	23.43	23.45	23.48			
5	QPSK	1	24	23.43	23.43	23.42			
5	QPSK	12	0	22.46	22.47	22.36	23.5	1	
5	QPSK	12	7	22.44	22.47	22.44			
5	QPSK	12	13	22.41	22.53	22.37			
5	QPSK	25	0	22.47	22.62	22.29	23.5	1	
5	16QAM	1	0	22.76	22.76	22.60			
5	16QAM	1	12	22.68	22.78	22.62			
5	16QAM	1	24	22.71	22.54	22.47	22.5	2	
5	16QAM	12	0	21.48	21.50	21.45			
5	16QAM	12	7	21.47	21.53	21.47			
5	16QAM	12	13	21.60	21.50	21.43	22.5	2	
5	16QAM	25	0	21.49	21.48	21.39			
5	64QAM	1	0	21.60	21.59	21.50			
5	64QAM	1	12	21.74	21.46	21.52	22.5	2	
5	64QAM	1	24	21.51	21.56	21.46			
5	64QAM	12	0	20.63	20.47	20.35			
5	64QAM	12	7	20.58	20.58	20.57	21.5	3	
5	64QAM	12	13	20.54	20.55	20.35			
5	64QAM	25	0	20.57	20.58	20.47			

Band 41_Ant 1													
BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power Low High Ch / Freq	Power High Ch / Freq	Turn-on time (s)	APRS (dB)				
Channel													
				36750	40165	40600	41005	41400					
				2560	2640	2680	2680	2680					
20	QPSK	1	5	17.43	17.36	17.40	17.37	17.39	19	0			
20	QPSK	1	49	17.35	17.34	17.47	17.35	17.38					
20	QPSK	1	96	17.32	17.34	17.40	17.33	17.36					
20	QPSK	50	5	17.42	17.35	17.38	17.35	17.37					
20	QPSK	50	24	17.34	17.28	17.72	17.53	17.64	19	0			
20	QPSK	50	36	17.43	17.32	17.48	17.33	17.46					
20	QPSK	100	5	17.42	17.32	17.75	17.58	17.68					
20	16QAM	1	5	17.38	17.30	17.71	17.56	17.68	19	0			
20	16QAM	1	46	17.45	17.21	17.71	17.47	17.61					
20	16QAM	1	56	17.46	17.21	17.74	17.44	17.55					
20	16QAM	50	5	17.46	17.35	17.79	17.53	17.67					
20	16QAM	50	24	17.53	17.30	17.68	17.54	17.65					
20	16QAM	50	36	17.43	17.29	17.71	17.45	17.61	19	0			
20	16QAM	100	5	17.42	17.32	17.69	17.54	17.68					
20	16QAM	1	5	17.42	17.31	17.69	17.51	17.64					
20	16QAM	1	46	17.34	17.34	17.77	17.52	17.54	19	0			
20	16QAM	1	56	17.38	17.27	17.77	17.50	17.64					
20	16QAM	50	5	17.42	17.26	17.73	17.50	17.68					
20	16QAM	50	24	17.46	17.30	17.67	17.46	17.63	19	0			
20	16QAM	50	36	17.32	17.32	17.76	17.46	17.60					
20	16QAM	100	5	17.44	17.25	17.70	17.50	17.59					
Channel				36725 <th>40173</th> <th>40600</th> <th>41068</th> <th>41515</th> <th>Turn-on time (s)</th> <th>APRS (dB)</th> <th colspan="3"></th>	40173	40600	41068	41515	Turn-on time (s)	APRS (dB)			
				2560	2640	2680	2678	2680					
15	QPSK	1	5	17.48	17.37	17.47	17.34	17.44	19	0			
15	QPSK	1	37	17.27	17.19	17.68	17.54	17.52					
15	QPSK	1	74	17.31	17.23	17.61	17.40	17.51					
15	QPSK	36	5	17.44	17.30	17.46	17.33	17.44					
15	QPSK	36	26	17.23	17.23	17.69	17.41	17.55	19	0			
15	QPSK	36	36	17.31	17.18	17.68	17.49	17.60					
15	QPSK	75	5	17.37	17.30	17.74	17.48	17.59					
15	16QAM	1	5	17.36	17.16	17.68	17.48	17.59					
15	16QAM	1	37	17.34	17.20	17.70	17.33	17.51	19	0			
15	16QAM	1	74	17.28	17.20	17.72	17.43	17.48					
15	16QAM	36	5	17.43	17.22	17.75	17.42	17.62					
15	16QAM	36	26	17.28	17.15	17.62	17.47	17.51	19	0			
15	16QAM	36	36	17.36	17.14	17.65	17.43	17.58					
15	16QAM	75	5	17.36	17.21	17.62	17.32	17.57					
15	16QAM	1	5	17.35	17.30	17.58	17.47	17.54	19	0			
15	16QAM	1	37	17.31	17.28	17.74	17.43	17.48					
15	16QAM	1	74	17.36	17.12	17.71	17.47	17.57					
15	16QAM	36	5	17.32	17.24	17.61	17.49	17.52					
15	16QAM	36	26	17.28	17.17	17.65	17.38	17.50	19	0			
15	16QAM	36	36	17.37	17.18	17.66	17.39	17.58					
15	16QAM	75	5	17.34	17.19	17.56	17.47	17.57					
Channel				36970	40165	40600	41065	41585	Turn-on time (s)	APRS (dB)			
				2560	2640	2680	2678	2680					
10	QPSK	1	5	17.43	17.33	17.70	17.51	17.67	19	0			
10	QPSK	1	25	17.24	17.25	17.64	17.48	17.49					
10	QPSK	1	49	17.22	17.14	17.65	17.35	17.53					
10	QPSK	25	5	17.51	17.33	17.71	17.48	17.61					
10	QPSK	25	12	17.29	17.16	17.66	17.44	17.50	19	0			
10	QPSK	25	24	17.53	17.28	17.65	17.44	17.62					
10	QPSK	50	5	17.51	17.29	17.72	17.47	17.48					
10	16QAM	1	5	17.28	17.26	17.60	17.50	17.60					
10	16QAM	1	24	17.44	17.08	17.68	17.45	17.47	19	0			
10	16QAM	1	49	17.35	17.08	17.68	17.30	17.47					
10	16QAM	25	5	17.44	17.27	17.67	17.47	17.58					
10	16QAM	25	12	17.32	17.16	17.55	17.33	17.50	19	0			
10	16QAM	50	5	17.32	17.21	17.62	17.44	17.63					
10	16QAM	1	26	17.21	17.20	17.75	17.48	17.52	19	0			
10	16QAM	1	46	17.29	17.14	17.73	17.43	17.48					
10	16QAM	24	5	17.41	17.18	17.67	17.40	17.63					
10	16QAM	25	12	17.42	17.17	17.59	17.39	17.53	19	0			
10	16QAM	25	24	17.27	17.30	17.66	17.32	17.57					
10	16QAM	50	5	17.36	17.16	17.55	17.35	17.44					
Channel				36975	40165	40600	41068	41595	Turn-on time (s)	APRS (dB)			
				2560	2640	2680	2678	2680					
5	QPSK	1	5	17.43	17.33	17.72	17.51	17.68	19	0			
5	QPSK	1	12	17.32	17.33	17.62	17.41	17.58					
5	QPSK	1	24	17.37	17.36	17.62	17.37	17.62					
5	QPSK	12	5	17.52	17.27	17.68	17.48	17.61					
5	QPSK	12	12	17.36	17.24	17.67	17.43	17.57	19	0			
5	QPSK	12	15	17.53	17.27	17.55	17.37	17.58					
5	QPSK	1	16	17.27	17.25	17.64	17.43	17.49					
5	16QAM	1	5	17.37	17.29	17.75	17.50	17.65	19	0			
5	16QAM	1	16	17.37	17.25	17.72	17.45	17.57					
5	16QAM	1	24	17.37	17.15	17.72	17.35	17.64					
5	16QAM	12	5	17.37	17.31	17.73	17.47	17.64					
5	16QAM	12	12	17.37	17.25	17.72	17.45	17.57	19	0			
5	16QAM	12	15	17.51	17.25	17.57	17.44	17.54					
5	16QAM	25	5	17.28	17.22	17.63	17.43	17.57					
5	16QAM	25	12	17.36	17.21	17.68	17.38	17.60					
5	16QAM	1	12	17.32	17.19	17.76	17.46	17.49	19	0			
5	16QAM	1	24	17.28	17.16	17.69	17.35	17.53					
5	16QAM	1	46	17.36	17.21	17.73	17.40	17.56					
5	16QAM	12	17	17.45	17.15	17.60	17.34	17.51	19	0			
5	16QAM	12	15	17.25	17.23	17.68	17.45	17.53					
5	16QAM	1	15	17.36	17.25	17.73	17.45	17.58					

Band 41_Ant 2																
BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power Low High Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-on time (s)	APRS (dB)						
Channel																
Frequency (MHz)																
36750 40165 40600 41005 41400																
20	QPSK	1	5	23.71	23.76	23.81	23.73	23.76	24.5	0						
20	QPSK	1	46	23.65	23.80	23.70	23.83	23.74								
20	QPSK	50	5	23.75	23.63	23.60	23.71	23.71								
20	QPSK	50	24	22.69	22.70	22.59	22.82	22.58	23.5	1						
20	QPSK	50	36	22.65	22.87	22.81	22.87	22.88								
20	QPSK	100	5	22.69	22.73	22.75	22.58	22.86								
20	16QAM	1	5	22.68	22.75	22.66	22.82	22.87	23.5	1						
20	16QAM	1	46	22.62	22.81	22.77	22.83	22.84								
20	16QAM	1	56	22.69	22.74	22.71	22.76	22.78								
20	16QAM	50	5	21.60	21.71	21.61	21.45	21.58	22.5	2						
20	16QAM	50	24	21.68	21.70	21.54	21.58	21.60								
20	16QAM	50	36	21.76	21.66	21.35	21.70	21.64								
20	16QAM	100	5	21.64	21.74	21.61	21.60	21.60								
20	16QAM	1	5	21.36	21.46	21.35	21.31	21.36	22.5	2						
20	16QAM	1	46	21.46	21.49	21.30	21.32	21.44								
20	16QAM	1	56	21.46	21.50	21.37	21.51	21.40								
20	16QAM	50	5	20.92	20.97	20.81	20.49	20.97								
20	16QAM	50	24	20.94	20.72	20.59	20.52	20.63	21.5	3						
20	16QAM	50	36	20.71	20.60	20.68	20.60	20.60								
20	16QAM	100	5	20.84	20.70	20.63	20.59	20.62								
Channel				36750	40173	40600	41068	41510	Turn-on time (s)	APRS (dB)						
Frequency (MHz)				2560	2640	2680	2678	2680								
15	QPSK	1	5	23.63	23.69	23.73	23.70	23.76	24.5	0						
15	QPSK	1	36	23.68	23.49	23.61	23.40	23.58								
15	QPSK	1	74	23.53	23.62	23.59	23.56	23.64								
15	QPSK	50	5	22.62	22.62	22.59	22.82	22.58	23.5	1						
15	QPSK	50	36	22.61	22.62	22.50	22.58	22.51								
15	QPSK	50	5	22.61	22.58	22.59	22.54	22.62								
15	QPSK	50	24	22.62	22.67	22.56	22.58	22.58								
15	16QAM	1	5	22.57	22.71	22.64	22.52	22.51	23.5	1						
15	16QAM	1	46	22.57	22.76	22.73	22.67	22.68								
15	16QAM	1	56	22.57	22.77	22.66	22.58	22.60								
15	16QAM	50	5	21.56	21.63	21.48	21.43	21.58	22.5	2						
15	16QAM	50	24	21.58	21.58	21.44	21.48	21.51								
15	16QAM	50	36	21.58	21.61	21.58	21.68	21.51								
15	16QAM	79	5	21.52	21.61	21.53	21.56	21.47								
15	16QAM	100	5	21.51	21.48	21.42	21.52	21.47	22.5	2						
15	16QAM	1	5	21.42	21.48	21.38	21.23	21.32	22.5	2						
15	16QAM	1	74	21.32	21.49	21.36	21.36	21.27								
15	16QAM	50	5	20.91	20.71	20.54	20.54	20.58								
15	16QAM	50	24	20.94	20.47	20.34	20.51	20.58	21.5	3						
15	16QAM	50	36	20.69	20.58	20.69	20.49	20.51								
15	16QAM	100	5	20.84	20.58	20.50	20.49	20.50								
Channel				36750	40160	40600	41005	41500	Turn-on time (s)	APRS (dB)						
Frequency (MHz)				2560	2640	2680	2680	2680								
10	QPSK	1	5	23.61	23.69	23.70	23.60	23.72	24.5	0						
10	QPSK	1	26	23.42	23.48	23.71	23.49	23.60								
10	QPSK	1	46	23.54	23.59	23.81	23.50	23.46								
10	QPSK	50	5	22.62	22.62	22.59	22.82	22.58	23.5	1						
10	QPSK	50	24	22.62	22.62	22.50	22.58	22.51								
10	QPSK	50	36	22.62	22.67	22.56	22.58	22.58								
10	16QAM	1	5	22.53	22.70	22.67	22.48	22.58	23.5	1						
10	16QAM	1	46	22.55	22.61	22.74	22.57	22.68								
10	16QAM	1	56	22.55	22.68	22.65	22.58	22.60								
10	16QAM	50	5	21.56	21.59	21.47	21.38	21.50	22.5	2						
10	16QAM	50	24	21.56	21.61	21.44	21.48	21.51								
10	16QAM	50	36	21.55	21.52	21.52	21.59	21.53								
10	16QAM	100	5	21.56	21.47	21.52	21.57	21.49								
10	16QAM	1	46	21.37	21.39	21.33	21.41	21.23	22.5	2						
10	16QAM	1	56	21.38	21.48	21.38	21.44	21.40								
10	16QAM	50	5	20.92	20.59	20.50	20.58	20.50	21.5	3						
10	16QAM	50	24	20.93	20.58	20.50	20.48	20.51								
Channel				36675	40145	40600	41003	41495	Turn-on time (s)	APRS (dB)						
Frequency (MHz)				2560	2640	2680	2680	2680								
5	QPSK	1	12	23.56	23.50	23.68	23.39	23.65	24.5	0						
5	QPSK	1	24	23.57	23.62	23.64	23.64	23.57								
5	QPSK	1	36	23.52	23.72	23.62	23.60	23.75								
5	QPSK	12	7	22.60	22.64	22.54	22.59	22.57	23.5	1						
5	QPSK	12	15	22.58	22.60	22.60	22.61	22.58								
5	QPSK	12	24	22.54	22.59	22.54	22.54	22.54								
5	16QAM	1	5	22.57	22.69	22.61	22.50	22.54	23.5	1						
5	16QAM	1	46	22.56	22.60	22.73	22.57	22.60								
5	16QAM	1	56	22.56	22.60	22.73	22.57	22.60								
5	16QAM	50	5	21.53	21.56	21.44	21.44	21.56	22.5	2						
5	16QAM	50	24	21.53	21.60	21.46	21.48	21.56								
5	16QAM	50	36	21.63	21.70	21.56	21.48	21.56								
5	16QAM	100	5	21.62	21.62	21.48	21.48	21.56								
5	16QAM	1	12	21.43	21.34	21.38	21.29	21.35	22.5	2						
5	16QAM	1	24	21.26	21.49	21.34	21.36	21.20								
5	16QAM	1	36	21.34	21.49	21.38	21.38	21.30								
5	16QAM	12	7	20.49	20.57	20.49	20.61	20.49	21.5	3						
5	16QAM	12	15	20.50	20.49	20.49	20.51	20.49								
5	16QAM	12	24	20.50	20.49	20.49	20.51	20.49								
5	16QAM	100	5	20.50	20.49	20.49	20.51	20.49								

Part 96_Band 48_Ant 1										Part 96_Band 48_Ant 3										Part 96_Band 48_Ant 5										Part 96_Band 48_Ant 7									
BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch / Freq.	Power Low Mid Ch / Freq.	Power Low High Ch / Freq.	Power High Ch / Freq.	Time-up (min)	MFR (dB)	BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch / Freq.	Power Low Mid Ch / Freq.	Power Low High Ch / Freq.	Power High Ch / Freq.	Time-up (min)	MFR (dB)	BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch / Freq.	Power Low Mid Ch / Freq.	Power Low High Ch / Freq.	Power High Ch / Freq.	Time-up (min)	MFR (dB)	BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch / Freq.	Power Low Mid Ch / Freq.	Power Low High Ch / Freq.	Power High Ch / Freq.	Time-up (min)	MFR (dB)
Channel										Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
20	QPSK	1	0	19.48	19.34	19.31	19.31			20	QPSK	1	0	17.00	16.93	16.91	16.90			20	QPSK	1	0	20.37	20.30	20.27	20.26			20	QPSK	1	0	18.80	18.72	18.70	18.70		
20	QPSK	1	40	19.40	19.42	19.22	19.19	20	0	20	QPSK	1	40	16.88	16.81	16.86	16.76	17.5	0	20	QPSK	1	40	20.20	20.18	20.24	20.20	21	0	20	QPSK	1	40	18.87	18.79	18.85	18.80		
20	QPSK	1	80	19.40	19.34	19.15	19.28			20	QPSK	1	80	16.88	16.78	16.84	16.87			20	QPSK	1	80	20.20	20.22	20.21	20.14			20	QPSK	1	80	18.87	18.79	18.85	18.80		
20	QPSK	50	0	19.48	19.42	19.27	19.25			20	QPSK	50	0	16.90	16.82	16.86	16.80			20	QPSK	50	0	20.38	20.30	20.27	20.24			20	QPSK	50	0	18.79	18.72	18.74	18.74		
20	QPSK	50	24	19.45	19.37	19.29	19.19		0	20	QPSK	50	24	16.90	16.79	16.82	16.74	17.5	0	20	QPSK	50	24	20.31	20.22	20.19	20.13	21	0	20	QPSK	50	24	18.80	18.68	18.51	18.51		
20	QPSK	100	0	19.43	19.37	19.26	19.16			20	QPSK	100	0	16.91	16.76	16.83	16.76			20	QPSK	100	0	20.31	20.23	20.18	20.21			20	QPSK	100	0	18.79	18.64	18.51	18.47		
20	QPSK	100	0	19.40	19.35	19.26	19.16			20	QPSK	100	0	16.91	16.78	16.83	16.76			20	QPSK	100	0	20.38	20.28	20.19	20.20			20	QPSK	100	0	18.79	18.64	18.51	18.47		
20	QPSK	1	0	19.35	19.38	19.21	19.27		0	20	QPSK	1	0	16.88	16.74	16.88	16.77			20	QPSK	1	0	20.28	20.16	20.10	20.16			20	QPSK	1	0	18.72	18.65	18.56	18.50		
20	QPSK	1	40	19.37	19.29	19.19	19.25		0	20	QPSK	1	40	16.92	16.80	16.84	16.79	17.5	0	20	QPSK	1	40	20.19	20.11	20.08	19.94			20	QPSK	1	40	18.69	18.61	18.51	18.47		
20	QPSK	1	80	19.47	19.31	19.25	19.17			20	QPSK	1	80	16.97	16.85	16.86	16.77			20	QPSK	1	80	20.20	20.15	20.13	20.04			20	QPSK	1	80	18.69	18.50	18.38	18.36		
20	QPSK	50	24	19.30	19.41	19.25	19.35			20	QPSK	50	24	16.93	16.76	16.80	16.79			20	QPSK	50	24	20.20	20.08	19.99	20.00			20	QPSK	50	24	18.69	18.58	18.52	18.46		
20	QPSK	100	0	19.35	19.33	19.19	19.21		0	20	QPSK	100	0	16.90	16.76	16.88	16.74	17.5	0	20	QPSK	100	0	20.23	20.22	20.19	20.20			20	QPSK	100	0	18.65	18.58	18.46	18.50		
20	QPSK	1	0	19.41	19.38	19.25	19.39			20	QPSK	1	0	16.90	16.72	16.82	16.87			20	QPSK	1	0	20.30	20.17	20.14	20.16			20	QPSK	1	0	18.69	18.62	18.57	18.57		
20	QPSK	1	40	19.47	19.28	19.20	19.20		0	20	QPSK	1	40	16.96	16.75	16.82	16.78	17.5	0	20	QPSK	1	40	20.23	20.09	19.92	20.04			20	QPSK	1	40	18.53	18.48	18.41	18.52		
20	QPSK	1	80	19.34	19.40	19.27	19.26			20	QPSK	1	80	16.91	16.82	16.88	16.74			20	QPSK	1	80	20.25	20.14	20.03	20.04			20	QPSK	1	80	18.71	18.64	18.56	18.55		
20	QPSK	50	24	19.30	19.32	19.19	19.19			20	QPSK	50	24	16.92	16.89	16.91	16.79			20	QPSK	50	24	20.20	20.08	19.99	20.00			20	QPSK	50	24	18.69	18.58	18.52	18.46		
20	QPSK	50	24	19.43	19.40	19.18	19.19		0	20	QPSK	50	24	16.88	16.76	16.88	16.74	17.5	0	20	QPSK	50	24	20.23	20.22	20.19	20.20			20	QPSK	50	24	18.65	18.58	18.46	18.50		
20	QPSK	100	0	19.40	19.33	19.19	19.26		0	20	QPSK	100	0	16.88	16.76	16.88	16.82			20	QPSK	100	0	20.17	19.43	19.21	19.53			20	QPSK	100	0	18.72	18.62	18.44	18.50		
20	QPSK	100	0	19.35	19.41	19.27	19.19			20	QPSK	100	0	16.92	16.75	16.81	16.79			20	QPSK	100	0	19.22	19.29	19.37	19.49			20	QPSK	100	0	18.69	18.50	18.42	18.50		
Channel										Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
15	QPSK	1	0	19.29	19.37	19.29	19.32			15	QPSK	1	0	19.78	19.81	19.84	19.74			15	QPSK	1	0	20.28	20.28	20.19	20.13			15	QPSK	1	0	18.71	18.68	18.43	18.48		
15	QPSK	1	37	19.23	19.38	19.11	19.09	20	0	15	QPSK	1	37	16.77	16.74	16.85	16.87	17.5	0	15	QPSK	1	37	20.18	20.05	19.13	19.04			15	QPSK	1	37	18.52	18.52	18.48			
15	QPSK	1	74	19.35	19.28	19.13	19.22			15	QPSK	1	74	16.83	16.87	16.80	16.72			15	QPSK	1	74	20.24	20.10	20.09	20.13			15	QPSK	1	74	18.58	18.64	18.53	18.62		
15	QPSK	50	0	19.30	19.30	19.19	19.22			15	QPSK	50	0	16.90	16.74	16.80	16.74			15	QPSK	50	0	20.23	20.14	20.06	20.14			15	QPSK	50	0	18.68	18.68	18.43	18.38		
15	QPSK	50	24	19.32	19.35	19.19	19.16	20	0	15	QPSK	50	24	16.81	16.78	16.88	16.84	17.5	0	15	QPSK	50	24	20.25	20.18	20.08	20.07			15	QPSK	50	24	18.59	18.59	18.39	18.39		
15	QPSK	50	24	19.31	19.32	19.13	19.12			15	QPSK	50	24	16.87	16.71	16.72	16.79			15	QPSK	50	24	20.21	20.21	20.13	20.09			15	QPSK	50	24	18.64	18.64	18.53	18.53		
15	QPSK	100	0	19.30	19.30	19.19	19.19			15	QPSK	100	0	16.88	16.74	16.72	16.80			15	QPSK	100	0	20.23	20.19	20.13	20.13			15	QPSK	100	0	18.69	18.62	18.51	18.49		
15	QPSK	100	0	19.28	19.35	19.12	19.09			15	QPSK	100	0	16.74	16.64	16.81	16.85			15	QPSK	100	0	20.24	20.01	19.96	20.07			15	QPSK	100	0	18.69	18.62	18.51	18.49		
15	QPSK	1	37	19.21	19.25	19.08	19.15	20	0	15	QPSK	1	37	16.85	16.89	16.79	16.76	17.5	0	15	QPSK	1	37	20.18	19.99	19.95	19.89			15	QPSK	1	37	18.51	18.63	18.45	18.44		
15	QPSK	1	74	19.30	19.27	19.12	19.15			15	QPSK	1	74	16.88	16.88	16.84	16.76			15	QPSK	1	74	20.11	19.98	19.97	19.97			15	QPSK	1	74	18.51	18.61	18.43	18.42		
15	QPSK	50	24	19.21	19.22	19.08	19.22			15	QPSK	50	24	16.81	16.70	16.72	16.84			15	QPSK	50	24	20.20	20.09	20.10	20.15			15	QPSK	50	24	18.64	18.50	18.54	18.63		
15	QPSK	50	24	19.23	19.37	19.13	19.04		0	15	QPSK	50	24	16.90	16.85	16.83	16.73	17.5	0	15	QPSK	50	24	20.27	19.95	19.90	19.84			15	QPSK	50	24	18.68	18.64	18.46	18.46		
15	QPSK	100	0	19.15	19.26	19.08	19.16			15	QPSK	100	0	16.85	16.70	16.72	16.80			15	QPSK	100	0	20.21	20.15	20.01	20.06			15	QPSK	100	0	18.64	18.53	18.33	18.34		
15	QPSK	100	0	19.20	19.26	19.11	19.14			15	QPSK	100	0	16.86	16.77	16.77	16.79			15	QPSK	100	0	20.18	20.18	20.07	20.07			15	QPSK	100	0	18.65	18.65	18.45	18.45		
15	QPSK	1	37	19.31	19.18	19.24	19.16			15	QPSK	1	37	16.84	16.83	16.68	16.64	17.5	0	15	QPSK	1	37	20.14	19.98	19.97	19.97			15	QPSK	1	37	18.51	18.62	18.33	18.32		
15	QPSK	1	74	19.10	19.26	19.22	19.27			15	QPSK	1	74	16.87	16.73	16.74	16.90			15	QPSK	1	74	20.13	20.11	19.99	19.99			15	QPSK	1	74	18.57	18.63	18.49	18.52		
15	QPSK	50	24	19.23	19.27	19.15	19.07			15	QPSK	50	24	16.79	16.68	16.68	16.82			15	QPSK	50	24	20.24	20.24	20.11	20.11			15	QPSK	50	24	18.54	18.61	18.43	18.43		
15	QPSK	50	24	19.19	19.28	19.12	19.21			15	QPSK	50	24	16.86	16.72	16.80	16.71			15	QPSK	50	24	20.22	20.22	20.09	20.09			15	QPSK	50	24	18.58	18.58	18.39	18.39		
15	QPSK	100	0	19.19	19.16	19.17	19.17			15	QPSK	100	0	16.87																									

Reduced Power Mode for ECI 12

Band 2_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Turn-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)				18700	18900	19100				
20	QPSK	1	0	17.79	17.88	17.77	19	0		
20	QPSK	1	49	17.71	17.68	17.56				
20	QPSK	1	99	17.49	17.65	17.70				
20	QPSK	50	0	17.67	17.75	17.71				
20	QPSK	50	24	17.54	17.64	17.60	19	0		
20	QPSK	50	50	17.43	17.60	17.68				
20	QPSK	100	0	17.65	17.71	17.67				
20	16QAM	1	0	17.51	17.64	17.57				
20	16QAM	1	49	17.74	17.60	17.61	19	0		
20	16QAM	1	99	17.53	17.66	17.54				
20	16QAM	50	0	17.69	17.78	17.62				
20	16QAM	50	24	17.62	17.63	17.55				
20	16QAM	50	50	17.56	17.66	17.67	19	0		
20	16QAM	100	0	17.78	17.59	17.62				
20	64QAM	1	0	17.68	17.73	17.56				
20	64QAM	1	49	17.58	17.46	17.54				
20	64QAM	1	99	17.63	17.62	17.53	19	0		
20	64QAM	50	0	17.67	17.75	17.71				
20	64QAM	50	24	17.60	17.57	17.61				
20	64QAM	50	50	17.70	17.58	17.57				
20	64QAM	100	0	17.48	17.66	17.57	19	0		
Channel										
Frequency (MHz)				18675	18900	19125	Turn-up limit (dBm)		MPR (dB)	
				1857.5	1880	1902.5				
15	QPSK	1	0	17.64	17.73	17.70	19	0		
15	QPSK	1	37	17.68	17.64	17.42				
15	QPSK	1	74	17.35	17.55	17.55				
15	QPSK	36	0	17.56	17.62	17.58				
15	QPSK	36	20	17.52	17.58	17.45	19	0		
15	QPSK	36	39	17.33	17.46	17.63				
15	QPSK	75	0	17.58	17.59	17.65				
15	16QAM	1	0	17.50	17.53	17.47				
15	16QAM	1	37	17.73	17.49	17.51	19	0		
15	16QAM	1	74	17.35	17.58	17.46				
15	16QAM	36	0	17.59	17.75	17.58				
15	16QAM	36	20	17.61	17.57	17.42				
15	16QAM	36	39	17.54	17.56	17.53	19	0		
15	16QAM	75	0	17.75	17.52	17.57				
15	64QAM	1	0	17.61	17.58	17.51				
15	64QAM	1	37	17.49	17.34	17.39				
15	64QAM	1	74	17.53	17.48	17.32	19	0		
15	64QAM	36	0	17.60	17.62	17.70				
15	64QAM	36	20	17.54	17.46	17.53				
15	64QAM	36	39	17.67	17.51	17.38				
15	64QAM	75	0	17.41	17.52	17.44	19	0		
Channel										
Frequency (MHz)				18650	18900	19150	Turn-up limit (dBm)		MPR (dB)	
				1855	1880	1905				
10	QPSK	1	0	17.70	17.75	17.67	19	0		
10	QPSK	1	25	17.65	17.66	17.41				
10	QPSK	1	49	17.42	17.58	17.58				
10	QPSK	25	0	17.62	17.71	17.70				
10	QPSK	25	12	17.46	17.50	17.45	19	0		
10	QPSK	25	25	17.31	17.47	17.56				
10	QPSK	50	0	17.56	17.70	17.59				
10	16QAM	1	0	17.40	17.49	17.51				
10	16QAM	1	25	17.72	17.55	17.50	19	0		
10	16QAM	1	49	17.43	17.62	17.42				
10	16QAM	25	0	17.59	17.68	17.57				
10	16QAM	25	12	17.55	17.50	17.50				
10	16QAM	25	25	17.47	17.54	17.52	19	0		
10	16QAM	50	0	17.66	17.58	17.54				
10	64QAM	1	0	17.62	17.64	17.42				
10	64QAM	1	25	17.49	17.38	17.48				
10	64QAM	1	49	17.47	17.52	17.32	19	0		
10	64QAM	25	0	17.54	17.70	17.64				
10	64QAM	25	12	17.59	17.47	17.54				
10	64QAM	25	25	17.64	17.52	17.39				
10	64QAM	50	0	17.44	17.59	17.47	19	0		
Channel										
Frequency (MHz)				18625	18900	19175	Turn-up limit (dBm)		MPR (dB)	
				1852.5	1880	1907.5				
5	QPSK	1	0	17.73	17.78	17.76	19	0		
5	QPSK	1	12	17.58	17.63	17.54				
5	QPSK	1	24	17.42	17.58	17.65				
5	QPSK	12	0	17.61	17.68	17.62				
5	QPSK	12	7	17.47	17.50	17.58	19	0		
5	QPSK	12	13	17.34	17.59	17.63				
5	QPSK	25	0	17.64	17.67	17.66				
5	16QAM	1	0	17.40	17.56	17.48				
5	16QAM	1	12	17.62	17.59	17.49	19	0		
5	16QAM	1	24	17.43	17.54	17.52				
5	16QAM	12	0	17.54	17.64	17.48				
5	16QAM	12	7	17.55	17.58	17.51				
5	16QAM	12	13	17.50	17.64	17.59	19	0		
5	16QAM	25	0	17.76	17.46	17.55				
5	64QAM	1	0	17.62	17.60	17.54				
5	64QAM	1	12	17.52	17.41	17.49				
5	64QAM	1	24	17.61	17.60	17.51	19	0		
5	64QAM	12	0	17.54	17.70	17.58				
5	64QAM	12	7	17.59	17.46	17.53				
5	64QAM	12	13	17.67	17.48	17.45				
5	64QAM	25	0	17.44	17.61	17.51	19	0		
Channel										
Frequency (MHz)				1851.5	1880	1908.5	Turn-up limit (dBm)		MPR (dB)	
3	QPSK	1	0	17.70	17.80	17.68	19	0		
3	QPSK	1	0	17.61	17.56	17.55				
3	QPSK	1	14	17.41	17.63	17.60				
3	QPSK	8	0	17.54	17.58	17.57				
3	QPSK	8	7	17.41	17.50	17.66	19	0		
3	QPSK	15	0	17.56	17.60	17.57				
3	16QAM	1	0	17.36	17.49	17.56				
3	16QAM	1	8	17.59	17.51	17.57				
3	16QAM	1	14	17.47	17.53	17.45	19	0		
3	16QAM	8	0	17.56	17.64	17.49				
3	16QAM	8	4	17.60	17.50	17.50				
3	16QAM	8	7	17.57	17.58	17.66				
3	64QAM	1	0	17.61	17.59	17.52	19	0		
3	64QAM	1	8	17.47	17.39	17.43				
3	64QAM	1	14	17.52	17.48	17.44				
3	64QAM	8	0	17.56	17.62	17.63				
3	64QAM	8	4	17.45	17.50	17.49	19	0		
3	64QAM	8	7	17.68	17.57	17.41				
3	64QAM	15	0	17.41	17.64	17.50				
Channel										
Frequency (MHz)				18607	18900	19193	Turn-up limit (dBm)	MPR (dB)		
				1850.7	1880	1909.3				
1.4	QPSK	1	0	17.67	17.75	17.63	19	0		
1.4	QPSK	1	3	17.56	17.54	17.52				
1.4	QPSK	1	5	17.47	17.51	17.69				
1.4	QPSK	3	0	17.64	17.72	17.67				
1.4	QPSK	3	1	17.41	17.55	17.52	19	0		
1.4	QPSK	3	3	17.36	17.54	17.55				
1.4	16QAM	1	0	17.56	17.59	17.61				
1.4	16QAM	1	3	17.73	17.57	17.60				
1.4	16QAM	1	5	17.47	17.58	17.54	19	0		
1.4	16QAM	3	0	17.60	17.65	17.64				
1.4	16QAM	3	1	17.54	17.61	17.57				
1.4	16QAM	3	3	17.52	17.58	17.57				
1.4	16QAM	6	0	17.72	17.45	17.55	19	0		
1.4	64QAM	1	0	17.65	17.63	17.51				
1.4	64QAM	1	3	17.47	17.34	17.46				
1.4	64QAM	1	5	17.51	17.60	17.51				
1.4	64QAM	3	0	17.58	17.61	17.59	19	0		
1.4	64QAM	3	1	17.50	17.63	17.56				
1.4	64QAM	3	3	17.62	17.50	17.42				
1.4	64QAM	6	0	17.45	17.59	17.51				

Band 4_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)		
Channel							20050	20175	20300	
Frequency (MHz)							1720	1732.5	1745	
20	QPSK	1	0	18.61	18.61	18.67				
20	QPSK	1	49	18.52	18.50	18.61			20	0
20	QPSK	1	99	18.61	18.54	18.58				
20	QPSK	50	0	18.62	18.66	18.63				
20	QPSK	50	24	18.52	18.63	18.55			20	0
20	QPSK	50	50	18.44	18.51	18.38				
20	QPSK	100	0	18.50	18.64	18.61				
20	16QAM	1	0	18.47	18.49	18.60				
20	16QAM	1	49	18.46	18.52	18.46			20	0
20	16QAM	1	99	18.43	18.67	18.42				
20	16QAM	50	0	18.47	18.68	18.65				
20	16QAM	50	24	18.60	18.63	18.60			20	0
20	16QAM	50	50	18.44	18.51	18.38				
20	16QAM	100	0	18.49	18.51	18.41				
20	64QAM	1	0	18.46	18.49	18.51				
20	64QAM	1	49	18.54	18.57	18.55			20	0
20	64QAM	1	99	18.43	18.50	18.65				
20	64QAM	50	0	18.67	18.67	18.66				
20	64QAM	50	24	18.72	18.65	18.62			20	0
20	64QAM	50	50	18.68	18.64	18.76				
20	64QAM	100	0	18.72	18.56	18.72				
Channel							20025	20175	20325	
Frequency (MHz)							1717.5	1732.5	1747.5	
15	QPSK	1	0	18.53	18.71	18.54				
15	QPSK	1	37	18.40	18.35	18.59			20	0
15	QPSK	1	74	18.46	18.40	18.54				
15	QPSK	36	0	18.48	18.58	18.56				
15	QPSK	36	20	18.49	18.52	18.44			20	0
15	QPSK	36	39	18.35	18.52	18.46				
15	QPSK	75	0	18.41	18.56	18.56				
15	16QAM	1	0	18.34	18.48	18.58				
15	16QAM	1	37	18.42	18.41	18.42			20	0
15	16QAM	1	74	18.33	18.64	18.33				
15	16QAM	36	0	18.34	18.55	18.60				
15	16QAM	36	20	18.47	18.59	18.58			20	0
15	16QAM	36	39	18.34	18.47	18.23				
15	16QAM	75	0	18.37	18.42	18.36				
15	64QAM	1	0	18.32	18.43	18.45				
15	64QAM	1	37	18.47	18.44	18.45			20	0
15	64QAM	1	74	18.28	18.37	18.53				
15	64QAM	36	0	18.63	18.57	18.60				
15	64QAM	36	20	18.68	18.63	18.61			20	0
15	64QAM	36	39	18.63	18.54	18.68				
15	64QAM	75	0	18.61	18.46	18.68				
Channel							20000	20175	20300	
Frequency (MHz)							1715	1732.5	1750	
10	QPSK	1	0	18.49	18.76	18.65				
10	QPSK	1	25	18.44	18.48	18.59			20	0
10	QPSK	1	49	18.56	18.41	18.56				
10	QPSK	25	0	18.54	18.58	18.50				
10	QPSK	25	12	18.44	18.53	18.50			20	0
10	QPSK	25	25	18.41	18.43	18.41				
10	QPSK	50	0	18.48	18.58	18.50				
10	16QAM	1	0	18.41	18.42	18.46			20	0
10	16QAM	1	25	18.34	18.46	18.42				
10	16QAM	1	49	18.35	18.61	18.35				
10	16QAM	25	0	18.42	18.60	18.61				
10	16QAM	25	12	18.57	18.49	18.55			20	0
10	16QAM	25	25	18.35	18.38	18.24				
10	16QAM	50	0	18.45	18.44	18.26				
10	64QAM	1	0	18.32	18.41	18.39				
10	64QAM	1	25	18.45	18.54	18.51			20	0
10	64QAM	1	49	18.35	18.35	18.57				
10	64QAM	25	0	18.59	18.55	18.58				
10	64QAM	25	12	18.67	18.63	18.47			20	0
10	64QAM	25	25	18.58	18.67	18.71				
10	64QAM	50	0	18.65	18.52	18.63				
Channel							19975	20175	20375	
Frequency (MHz)							1712.5	1732.5	1752.5	
5	QPSK	1	0	18.48	18.67	18.52				
5	QPSK	1	12	18.45	18.47	18.49			20	0
5	QPSK	1	24	18.32	18.41	18.32				
5	QPSK	12	0	18.54	18.51	18.53				
5	QPSK	12	7	18.41	18.60	18.45			20	0
5	QPSK	12	13	18.29	18.53	18.48				
5	QPSK	25	0	18.48	18.61	18.54				
5	16QAM	1	0	18.43	18.43	18.50				
5	16QAM	1	12	18.45	18.44	18.39			20	0
5	16QAM	1	24	18.42	18.63	18.29				
5	16QAM	12	0	18.46	18.66	18.58				
5	16QAM	12	7	18.48	18.57	18.46				
5	16QAM	12	13	18.34	18.41	18.27				
5	16QAM	25	0	18.47	18.48	18.39				
5	64QAM	1	0	18.38	18.34	18.38				
5	64QAM	1	12	18.45	18.55	18.48			20	0
5	64QAM	1	24	18.41	18.41	18.56				
5	64QAM	12	0	18.65	18.53	18.61				
5	64QAM	12	7	18.70	18.59	18.47			20	0
5	64QAM	12	13	18.58	18.51	18.71				
5	64QAM	25	0	18.68	18.50	18.66				
Channel							19965	20175	20365	
Frequency (MHz)							1711.5	1732.5	1753.5	
3	QPSK	1	0	18.51	18.79	18.65				
3	QPSK	1	8	18.38	18.36	18.51			20	0
3	QPSK	1	14	18.57	18.40	18.54				
3	QPSK	8	0	18.49	18.57	18.55				
3	QPSK	8	4	18.43	18.58	18.51			20	0
3	QPSK	8	7	18.43	18.50	18.39				
3	QPSK	15	0	18.47	18.56	18.51				
3	16QAM	1	0	18.35	18.39	18.47				
3	16QAM	1	8	18.32	18.50	18.45			20	0
3	16QAM	1	14	18.37	18.66	18.41				
3	16QAM	8	0	18.39	18.64	18.61				
3	16QAM	8	4	18.53	18.57	18.48			20	0
3	16QAM	8	7	18.32	18.39	18.33				
3	16QAM	15	0	18.42	18.42	18.35				
3	64QAM	1	0	18.38	18.34	18.43				
3	64QAM	1	8	18.53	18.46	18.50			20	0
3	64QAM	1	14	18.40	18.37	18.62				
3	64QAM	8	0	18.62	18.54	18.62			20	0
3	64QAM	8	4	18.64	18.57	18.61				
3	64QAM	8	7	18.58	18.62	18.61				
3	64QAM	15	0	18.60	18.52	18.58				
Channel							19957	20175	20393	
Frequency (MHz)							1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.57	18.75	18.52				
1.4	QPSK	1	3	18.38	18.45	18.56			20	0
1.4	QPSK	1	5	18.49	18.42	18.49				
1.4	QPSK	3	0	18.53	18.58	18.55				
1.4	QPSK	3	3	18.41	18.59	18.54				
1.4	QPSK	3	3	18.43	18.53	18.46				
1.4	QPSK	6	0	18.49	18.54	18.55			20	0
1.4	16QAM	1	0	18.40	18.40	18.51				
1.4	16QAM	1	3	18.38	18.46	18.31				
1.4	16QAM	1	5	18.33	18.64	18.35			20	0
1.4	16QAM	3	0	18.36	18.57	18.62				
1.4	16QAM	3	3	18.49	18.61	18.50				
1.4	16QAM	3	3	18.33	18.40	18.37				
1.4	16QAM	6	0	18.42	18.38	18.30			20	0
1.4	64QAM	1	0	18.32	18.48	18.40				
1.4	64QAM	1	3	18.44	18.48	18.41				
1.4	64QAM	1	5	18.34	18.41	18.51				
1.4	64QAM	3	0	18.66	18.57	18.61				
1.4	64QAM	3	3	18.63	18.60	18.61				
1.4	64QAM	3	3	18.59	18.54	18.68				
1.4	64QAM	6	0	18.58	18.44	18.67			20	0

Band 4_Ant 2												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Time-up limit (dBm)	MPR (dB)				
Channel							20050	20175	20300			
Frequency (MHz)							1720	1732.5	1745			
20	QPSK	1	0	23.38	23.40	23.35			24.5	0		
20	QPSK	1	49	23.37	23.29	23.21						
20	QPSK	1	99	23.31	23.26	23.23						
20	QPSK	50	0	22.35	22.39	22.34						
20	QPSK	50	24	22.30	22.37	22.32			23.5	1		
20	QPSK	50	50	22.36	22.32	22.27						
20	QPSK	100	0	22.30	22.35	22.31						
20	16QAM	1	0	22.66	22.44	22.46						
20	16QAM	1	49	22.51	22.48	22.80			23.5	1		
20	16QAM	1	99	22.47	22.60	22.55						
20	16QAM	50	0	21.35	21.38	21.32						
20	16QAM	50	24	21.40	21.28	21.37						
20	16QAM	50	50	21.36	21.35	21.26			22.5	2		
20	16QAM	100	0	21.38	21.32	21.27						
20	64QAM	1	0	21.78	21.71	21.38						
20	64QAM	1	49	21.73	21.43	21.48						
20	64QAM	1	99	21.61	21.47	21.55			22.5	2		
20	64QAM	50	0	20.41	20.46	20.34						
20	64QAM	50	24	20.39	20.34	20.39						
20	64QAM	50	50	20.36	20.33	20.27						
20	64QAM	100	0	20.40	20.33	20.33			21.5	3		
Channel							20025	20175			20325	
Frequency (MHz)							1717.5	1732.5			1747.5	
15	QPSK	1	0	23.24	23.34	23.25					24.5	0
15	QPSK	1	37	23.25	23.21	23.19						
15	QPSK	1	74	23.23	23.16	23.12						
15	QPSK	36	0	22.25	22.31	22.13						
15	QPSK	36	20	22.21	22.30	22.28			23.5	1		
15	QPSK	36	39	22.31	22.27	22.16						
15	QPSK	75	0	20.29	20.33	20.29						
15	16QAM	1	0	22.51	22.34	22.33						
15	16QAM	1	37	22.27	22.39	22.42			23.5	1		
15	16QAM	1	74	22.44	22.49	22.58						
15	16QAM	36	0	21.32	21.36	21.27						
15	16QAM	36	20	21.39	21.27	21.32						
15	16QAM	36	39	21.21	21.26	21.18			22.5	2		
15	16QAM	75	0	21.36	21.31	21.20						
15	64QAM	1	0	21.73	21.63	21.31						
15	64QAM	1	37	21.71	21.33	21.44						
15	64QAM	1	74	21.62	21.34	21.44			22.5	2		
15	64QAM	36	0	20.34	20.37	20.33						
15	64QAM	36	20	20.35	20.26	20.30						
15	64QAM	36	39	20.25	20.27	20.21						
15	64QAM	75	0	20.32	20.21	20.21			21.5	3		
Channel							20000	20175			20300	
Frequency (MHz)							1717.5	1732.5			1750	
10	QPSK	1	0	23.24	23.26	23.28					24.5	0
10	QPSK	1	25	23.27	23.26	23.12						
10	QPSK	1	49	23.28	23.18	23.23						
10	QPSK	25	0	22.23	22.26	22.24						
10	QPSK	25	12	22.18	22.23	22.17			23.5	1		
10	QPSK	50	0	22.21	22.20	22.19						
10	16QAM	1	0	22.52	22.35	22.36						
10	16QAM	1	25	22.41	22.37	22.53						
10	16QAM	1	49	22.46	22.53	22.43			23.5	1		
10	16QAM	25	0	21.30	21.23	21.29						
10	16QAM	25	12	21.27	21.16	21.36						
10	16QAM	25	25	21.14	21.23	21.22						
10	16QAM	50	0	21.25	21.19	21.12			22.5	2		
10	64QAM	1	0	21.64	21.46	21.31						
10	64QAM	1	25	21.62	21.40	21.35						
10	64QAM	1	49	21.52	21.35	21.41						
10	64QAM	25	0	20.32	20.44	20.33			21.5	3		
10	64QAM	25	12	20.35	20.29	20.33						
10	64QAM	25	25	20.31	20.29	20.15						
10	64QAM	50	0	20.36	20.26	20.21						
Channel							16975	20175	20375			
Frequency (MHz)							1707.5	1732.5	1752.5			
5	QPSK	1	0	23.24	23.36	23.28			24.5	0		
5	QPSK	1	12	23.35	23.23	23.16						
5	QPSK	1	24	23.18	23.25	23.17						
5	QPSK	12	0	22.33	22.29	22.25						
5	QPSK	12	7	22.31	22.22	22.30			23.5	1		
5	QPSK	12	13	22.22	22.25	22.16						
5	QPSK	25	0	22.19	22.34	22.28						
5	16QAM	1	0	22.64	22.30	22.32						
5	16QAM	1	12	22.46	22.34	22.47			23.5	1		
5	16QAM	1	24	22.35	22.57	22.48						
5	16QAM	12	0	21.30	21.31	21.25						
5	16QAM	12	7	21.38	21.25	21.24						
5	16QAM	12	13	21.13	21.23	21.15			22.5	2		
5	16QAM	25	0	21.35	21.31	21.25						
5	64QAM	1	0	21.69	21.67	21.35						
5	64QAM	1	12	21.65	21.41	21.46						
5	64QAM	1	24	21.46	21.41	21.51			22.5	2		
5	64QAM	12	0	20.31	20.31	20.30						
5	64QAM	12	7	20.29	20.32	20.28						
5	64QAM	12	13	20.24	20.21	20.15						
5	64QAM	25	0	20.32	20.29	20.19			21.5	3		
Channel							16965	20175			20385	
Frequency (MHz)							1711.5	1732.5			1753.5	
3	QPSK	1	0	23.24	23.27	23.33					24.5	0
3	QPSK	1	8	23.32	23.16	23.06						
3	QPSK	1	14	23.18	23.12	23.22						
3	QPSK	8	0	22.30	22.27	22.32						
3	QPSK	8	4	22.27	22.28	22.21			23.5	1		
3	QPSK	8	7	22.25	22.20	22.20						
3	QPSK	15	0	22.21	22.24	22.23						
3	16QAM	1	0	22.64	22.40	22.40						
3	16QAM	1	8	22.41	22.42	22.50			23.5	1		
3	16QAM	1	14	22.38	22.45	22.44						
3	16QAM	8	0	21.34	21.34	21.25						
3	16QAM	8	4	21.26	21.26	21.27						
3	16QAM	8	7	21.26	21.29	21.24			22.5	2		
3	16QAM	15	0	21.34	21.30	21.25						
3	64QAM	1	0	21.74	21.65	21.34						
3	64QAM	1	8	21.71	21.38	21.36						
3	64QAM	1	14	21.56	21.34	21.51			22.5	2		
3	64QAM	8	0	20.31	20.31	20.33						
3	64QAM	8	4	20.24	20.27	20.31						
3	64QAM	8	7	20.33	20.23	20.22						
3	64QAM	15	0	20.39	20.21	20.31			21.5	3		
Channel							16957	20175			20393	
Frequency (MHz)							1710.7	1732.5			1754.3	
1.4	QPSK	1	0	23.36	23.28	23.22					24.5	0
1.4	QPSK	1	3	23.25	23.16	23.11						
1.4	QPSK	1	5	23.21	23.13	23.22						
1.4	QPSK	3	0	22.31	22.38	22.26						
1.4	QPSK	3	1	23.28	23.23	23.17			23.5	1		
1.4	QPSK	3	3	23.24	23.23	23.13						
1.4	QPSK	6	0	22.20	22.23	22.16						
1.4	16QAM	1	0	22.56	22.40	22.32						
1.4	16QAM	1	3	22.40	22.35	22.47			23.5	1		
1.4	16QAM	1	5	22.36	22.58	22.42						
1.4	16QAM	3	0	22.61	22.30	22.39						
1.4	16QAM	3	1	22.44	22.42	22.59						
1.4	16QAM	3	3	22.41	22.58	22.42			22.5	2		
1.4	16QAM	6	0	21.28	21.29	21.16						
1.4	64QAM	1	0	21.65	21.69	21.34						
1.4	64QAM	1	3	21.58	21.40	21.40						
1.4	64QAM	1	5	21.60	21.35	21.35			22.5	2		
1.4	64QAM	3	0	21.66	21.70	21.35						
1.4	64QAM	3	1	21.65	21.45	21.44						
1.4	64QAM	3	3	21.57	21.45	21.49						
1.4	64QAM	6	0	20.27	20.23	20.24			21.5	3		

Band 5_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)			
Channel				20450	20525	20600					
Frequency (MHz)				829	836.5	844					
10	QPSK	1	0	23.75	23.87	23.88	25	0			
10	QPSK	1	25	23.66	23.74	23.53					
10	QPSK	1	49	23.70	23.82	23.74					
10	QPSK	25	0	22.84	22.77	22.74					
10	QPSK	25	12	22.83	22.87	22.72	24	1			
10	QPSK	25	25	22.83	22.89	22.70					
10	QPSK	50	0	22.87	22.75	22.73					
10	16QAM	1	0	22.74	22.93	22.97					
10	16QAM	1	25	22.74	22.74	23.02	24	1			
10	16QAM	1	49	22.71	23.00	22.97					
10	16QAM	25	0	21.86	21.83	21.74					
10	16QAM	25	12	21.80	21.71	21.69					
10	16QAM	25	25	21.80	21.78	21.71	23	2			
10	16QAM	50	0	21.82	21.73	21.71					
10	64QAM	1	0	21.93	22.06	21.96					
10	64QAM	1	25	21.85	21.77	21.85					
10	64QAM	1	49	21.84	21.98	21.81	23	2			
10	64QAM	25	0	20.60	20.73	20.66					
10	64QAM	25	12	20.52	20.62	20.69					
10	64QAM	25	25	20.66	20.68	20.81					
10	64QAM	50	0	20.63	20.68	20.74	22	3			
Channel				20425	20525	20625				Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5					
5	QPSK	1	0	23.75	23.85	23.83	25	0			
5	QPSK	1	12	23.54	23.73	23.39					
5	QPSK	1	24	23.65	23.77	23.62					
5	QPSK	12	0	22.00	22.72	22.81					
5	QPSK	12	7	22.51	22.56	22.71	24	1			
5	QPSK	12	13	22.55	22.62	22.62					
5	QPSK	25	0	22.56	22.62	22.66					
5	16QAM	1	0	22.67	22.80	22.91					
5	16QAM	1	12	22.81	22.82	22.83	24	1			
5	16QAM	1	24	22.87	22.80	22.86					
5	16QAM	12	0	21.85	21.54	21.72					
5	16QAM	12	7	21.56	21.64	21.65					
5	16QAM	12	13	21.57	21.73	21.70	23	2			
5	16QAM	25	0	21.81	21.66	21.58					
5	64QAM	1	0	21.89	22.01	21.87					
5	64QAM	1	12	21.75	21.69	21.84					
5	64QAM	1	24	21.72	21.83	21.76	23	2			
5	64QAM	12	0	20.48	20.67	20.60					
5	64QAM	12	7	20.46	20.50	20.58					
5	64QAM	12	13	20.57	20.55	20.72					
5	64QAM	25	0	20.68	20.62	20.74	22	3			
Channel				20415	20525	20635				Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5					
3	QPSK	1	0	23.74	23.81	23.76	25	0			
3	QPSK	1	8	23.52	23.66	23.39					
3	QPSK	1	14	23.61	23.69	23.70					
3	QPSK	8	0	22.57	22.76	22.71					
3	QPSK	8	4	22.62	22.59	22.69	24	1			
3	QPSK	8	7	22.60	22.81	22.89					
3	QPSK	15	0	22.59	22.73	22.64					
3	16QAM	1	0	22.82	22.89	22.88					
3	16QAM	1	8	22.72	22.68	22.87	24	1			
3	16QAM	1	14	22.66	22.86	22.91					
3	16QAM	8	0	21.85	21.57	21.83					
3	16QAM	8	4	21.48	21.63	21.63					
3	16QAM	8	7	21.59	21.64	21.64	23	2			
3	16QAM	15	0	21.53	21.61	21.56					
3	64QAM	1	0	21.80	21.95	21.95					
3	64QAM	1	8	21.78	21.69	21.88					
3	64QAM	1	14	21.70	21.85	21.70	23	2			
3	64QAM	8	0	20.49	20.66	20.51					
3	64QAM	8	4	20.42	20.48	20.57					
3	64QAM	8	7	20.63	20.65	20.73					
3	64QAM	15	0	20.68	20.59	20.65	22	3			
Channel				20407	20525	20643				Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3					
1.4	QPSK	1	0	23.69	23.72	23.84	25	0			
1.4	QPSK	1	3	23.51	23.71	23.45					
1.4	QPSK	1	5	23.57	23.77	23.85					
1.4	QPSK	3	0	23.71	23.80	23.85					
1.4	QPSK	3	1	23.63	23.68	23.45	24	1			
1.4	QPSK	3	3	23.69	23.70	23.73					
1.4	QPSK	6	0	22.58	22.61	22.65					
1.4	16QAM	1	0	22.73	22.91	22.88					
1.4	16QAM	1	3	22.64	22.59	23.00	24	1			
1.4	16QAM	1	5	22.86	22.86	22.84					
1.4	16QAM	3	0	22.73	22.86	22.87					
1.4	16QAM	3	1	22.84	22.71	23.01					
1.4	16QAM	3	3	22.59	22.88	22.86	23	2			
1.4	16QAM	6	0	21.57	21.64	21.67					
1.4	64QAM	1	0	21.92	21.93	21.87					
1.4	64QAM	1	3	21.82	21.73	21.92					
1.4	64QAM	1	5	21.80	21.92	21.88	23	2			
1.4	64QAM	3	0	21.49	21.75	21.69					
1.4	64QAM	3	1	21.53	21.69	21.70					
1.4	64QAM	3	3	21.98	21.99	21.97					
1.4	64QAM	6	0	20.60	20.59	20.77	22	3			

Band 5_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	19.87	20.05	19.95	21.5	0	
10	QPSK	1	25	19.81	19.87	19.73			
10	QPSK	1	49	19.87	19.87	19.81			
10	QPSK	25	0	19.93	19.95	19.91			
10	QPSK	25	12	19.82	19.86	19.81	21.5	0	
10	QPSK	25	25	19.86	19.85	19.72			
10	QPSK	50	0	19.90	19.92	19.85			
10	16QAM	1	0	19.89	19.85	19.85			
10	16QAM	1	25	19.83	19.84	19.86	21.5	0	
10	16QAM	1	49	19.92	20.03	19.91			
10	16QAM	25	0	19.73	19.89	19.83			
10	16QAM	25	12	19.80	19.90	19.82			
10	16QAM	25	25	19.85	19.89	19.86	21.5	0	
10	16QAM	50	0	19.72	19.96	19.89			
10	64QAM	1	0	19.90	19.84	19.80			
10	64QAM	1	25	19.85	19.87	19.80			
10	64QAM	1	49	19.88	19.82	19.83	21.5	0	
10	64QAM	25	0	19.76	19.98	19.83			
10	64QAM	25	12	19.82	19.83	19.87			
10	64QAM	25	25	19.92	19.98	19.90			
10	64QAM	50	0	19.77	19.79	19.86			
Channel				20415	20525	20635			
Frequency (MHz)				826.5	836.5	847.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	19.91	20.02	19.83	21.5	0	
5	QPSK	1	12	19.89	19.86	19.58			
5	QPSK	1	24	19.85	19.84	19.71			
5	QPSK	12	0	19.82	19.93	19.86			
5	QPSK	12	7	19.76	19.77	19.67	21.5	0	
5	QPSK	12	13	19.82	19.73	19.65			
5	QPSK	25	0	19.83	19.81	19.73			
5	16QAM	1	0	19.78	19.70	19.74			
5	16QAM	1	12	19.70	19.80	19.79	21.5	0	
5	16QAM	1	24	19.88	19.89	19.86			
5	16QAM	12	0	19.60	19.86	19.74			
5	16QAM	12	7	19.72	19.85	19.71			
5	16QAM	12	13	19.83	19.74	19.74	21.5	0	
5	16QAM	25	0	19.70	19.86	19.82			
5	64QAM	1	0	19.88	19.79	19.67			
5	64QAM	1	12	19.71	19.85	19.70			
5	64QAM	1	24	19.75	19.67	19.68	21.5	0	
5	64QAM	12	0	19.65	19.94	19.77			
5	64QAM	12	7	19.75	19.79	19.72			
5	64QAM	12	13	19.83	19.90	19.76			
5	64QAM	25	0	19.73	19.76	19.76			
Channel				20415	20525	20635			
Frequency (MHz)				826.5	836.5	847.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	19.93	20.02	19.93	21.5	0	
3	QPSK	1	8	19.68	19.81	19.61			
3	QPSK	1	14	19.86	19.86	19.77			
3	QPSK	8	0	19.92	19.83	19.86			
3	QPSK	8	4	19.76	19.78	19.68	21.5	0	
3	QPSK	8	7	19.83	19.70	19.68			
3	QPSK	15	0	19.75	19.86	19.74			
3	16QAM	1	0	19.86	19.75	19.71			
3	16QAM	1	8	19.79	19.81	19.85	21.5	0	
3	16QAM	1	14	19.90	19.91	19.80			
3	16QAM	8	0	19.63	19.96	19.82			
3	16QAM	8	4	19.67	19.77	19.78			
3	16QAM	8	7	19.75	19.79	19.76	21.5	0	
3	16QAM	15	0	19.71	19.85	19.77			
3	64QAM	1	0	19.88	19.72	19.77			
3	64QAM	1	8	19.70	19.81	19.72			
3	64QAM	1	14	19.73	19.79	19.74	21.5	0	
3	64QAM	8	0	19.66	19.87	19.68			
3	64QAM	8	4	19.73	19.80	19.81			
3	64QAM	8	7	19.79	19.87	19.87			
3	64QAM	15	0	19.66	19.77	19.77			
Channel				20417	20525	20643			
Frequency (MHz)				824.7	836.5	848.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	19.87	19.98	19.94	21.5	0	
1.4	QPSK	1	3	19.66	19.85	19.62			
1.4	QPSK	1	5	19.77	19.96	19.71			
1.4	QPSK	3	0	19.85	19.84	19.86			
1.4	QPSK	3	1	19.80	19.78	19.72	21.5	0	
1.4	QPSK	3	3	19.82	19.71	19.69			
1.4	QPSK	6	0	19.84	19.89	19.77			
1.4	16QAM	1	0	19.74	19.71	19.76			
1.4	16QAM	1	3	19.74	19.86	19.73	21.5	0	
1.4	16QAM	1	5	19.88	19.93	19.76			
1.4	16QAM	3	0	19.69	19.86	19.73			
1.4	16QAM	3	1	19.66	19.84	19.71			
1.4	16QAM	3	3	19.77	19.75	19.82	21.5	0	
1.4	16QAM	6	0	19.59	19.81	19.82			
1.4	64QAM	1	0	19.82	19.73	19.72			
1.4	64QAM	1	3	19.70	19.86	19.72			
1.4	64QAM	1	5	19.75	19.77	19.72	21.5	0	
1.4	64QAM	3	0	19.73	19.86	19.81			
1.4	64QAM	3	1	19.81	19.70	19.79			
1.4	64QAM	3	3	19.86	19.86	19.76			
1.4	64QAM	6	0	19.69	19.70	19.74	21.5	0	

Band 7_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350	14.5	0		
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	12.50	13.05	12.91				
20	QPSK	1	48	12.81	13.01	12.68	14.5	0		
20	QPSK	1	96	12.79	12.78	12.69				
20	QPSK	50	0	12.68	12.96	12.93				
20	QPSK	50	24	12.82	12.79	12.87	14.5	0		
20	QPSK	50	50	12.86	12.86	12.83				
20	QPSK	100	0	12.84	12.89	12.75				
20	16QAM	1	0	12.84	12.80	12.72	14.5	0		
20	16QAM	1	48	12.87	12.81	12.75				
20	16QAM	1	96	12.71	12.79	12.81				
20	16QAM	50	0	12.72	12.80	12.73	14.5	0		
20	16QAM	50	24	12.70	12.78	12.85				
20	16QAM	50	50	12.77	12.69	12.82				
20	16QAM	100	0	12.87	12.88	12.74	14.5	0		
20	64QAM	1	0	12.85	12.79	12.86				
20	64QAM	1	48	12.81	12.84	12.58				
20	64QAM	1	96	12.83	12.75	12.69	14.5	0		
20	64QAM	50	0	12.82	12.87	12.79				
20	64QAM	50	24	12.64	12.88	12.78				
20	64QAM	50	50	12.81	12.81	12.77	14.5	0		
20	64QAM	100	0	12.68	12.84	12.71				
Channel				20625	21100	21375	14.5	0		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	12.85	13.00	12.89				
15	QPSK	1	37	12.69	12.98	12.60	14.5	0		
15	QPSK	1	74	12.70	12.71	12.54				
15	QPSK	36	0	12.87	12.87	12.84				
15	QPSK	36	20	12.77	12.75	12.78	14.5	0		
15	QPSK	36	39	12.78	12.81	12.76				
15	QPSK	75	0	12.80	12.80	12.62				
15	16QAM	1	0	12.76	12.78	12.66	14.5	0		
15	16QAM	1	37	12.77	12.69	12.72				
15	16QAM	1	74	12.81	12.70	12.71				
15	16QAM	36	0	12.85	12.79	12.64	14.5	0		
15	16QAM	36	20	12.58	12.67	12.82				
15	16QAM	36	39	12.84	12.58	12.79				
15	16QAM	75	0	12.79	12.76	12.70	14.5	0		
15	64QAM	1	0	12.71	12.72	12.78				
15	64QAM	1	37	12.75	12.51	12.52				
15	64QAM	1	74	12.81	12.84	12.80	14.5	0		
15	64QAM	36	0	12.80	12.83	12.72				
15	64QAM	36	20	12.50	12.82	12.72				
15	64QAM	36	39	12.76	12.73	12.75	14.5	0		
15	64QAM	75	0	12.66	12.83	12.63				
Channel				20800	21100	21400	14.5	0		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	12.84	13.03	12.85				
10	QPSK	1	25	12.68	13.00	12.68	14.5	0		
10	QPSK	1	48	12.71	12.72	12.56				
10	QPSK	25	0	12.85	12.84	12.87				
10	QPSK	25	12	12.81	12.65	12.83	14.5	0		
10	QPSK	25	25	12.82	12.73	12.76				
10	QPSK	50	0	12.76	12.83	12.73				
10	16QAM	1	0	12.79	12.65	12.57	14.5	0		
10	16QAM	1	25	12.83	12.68	12.72				
10	16QAM	1	48	12.89	12.66	12.62				
10	16QAM	25	0	12.84	12.68	12.71	14.5	0		
10	16QAM	25	12	12.89	12.71	12.82				
10	16QAM	25	25	12.64	12.54	12.69				
10	16QAM	50	0	12.76	12.83	12.70	14.5	0		
10	64QAM	1	0	12.71	12.75	12.78				
10	64QAM	1	25	12.70	12.74	12.57				
10	64QAM	1	48	12.86	12.66	12.62	14.5	0		
10	64QAM	25	0	12.73	12.86	12.65				
10	64QAM	25	12	12.57	12.75	12.69				
10	64QAM	25	25	12.80	12.67	12.67	14.5	0		
10	64QAM	50	0	12.53	12.79	12.62				
Channel				20775	21100	21425	14.5	0		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	12.87	12.92	12.86				
5	QPSK	1	12	12.69	12.98	12.58	14.5	0		
5	QPSK	1	24	12.72	12.67	12.63				
5	QPSK	12	0	12.79	12.95	12.88				
5	QPSK	12	7	12.80	12.68	12.76	14.5	0		
5	QPSK	12	13	12.74	12.84	12.79				
5	QPSK	25	0	12.80	12.88	12.70				
5	16QAM	1	0	12.70	12.67	12.68	14.5	0		
5	16QAM	1	12	12.75	12.76	12.63				
5	16QAM	1	24	12.86	12.70	12.73				
5	16QAM	12	0	12.61	12.75	12.60	14.5	0		
5	16QAM	12	7	12.69	12.70	12.79				
5	16QAM	12	13	12.75	12.81	12.72				
5	16QAM	25	0	12.74	12.86	12.61	14.5	0		
5	64QAM	1	0	12.73	12.67	12.84				
5	64QAM	1	12	12.70	12.69	12.52				
5	64QAM	1	24	12.80	12.73	12.64	14.5	0		
5	64QAM	12	0	12.76	12.83	12.69				
5	64QAM	12	7	12.52	12.78	12.66				
5	64QAM	12	13	12.79	12.80	12.62	14.5	0		
5	64QAM	25	0	12.55	12.73	12.60				

Band 7_Ant 2										
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				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	23.75	23.86	23.77	24.5	0		
20	QPSK	1	48	23.69	23.77	23.70				
20	QPSK	1	96	23.72	23.85	23.71				
20	QPSK	50	0	22.73	22.79	22.76	23.5	1		
20	QPSK	50	24	22.66	22.74	22.73				
20	QPSK	50	50	22.69	22.77	22.71				
20	QPSK	100	0	22.67	22.78	22.69	23.5			
20	16QAM	1	0	22.82	22.90	22.85				
20	16QAM	1	48	22.88	22.91	22.85				
20	16QAM	1	96	22.79	23.10	23.13	22.5	2		
20	16QAM	50	0	21.59	21.79	21.72				
20	16QAM	50	24	21.66	21.75	21.69				
20	16QAM	50	50	21.74	21.75	21.71	22.5	2		
20	16QAM	100	0	21.66	21.73	21.71				
20	64QAM	1	0	21.80	22.06	22.05				
20	64QAM	1	48	21.77	21.91	21.85	21.5	3		
20	64QAM	1	96	21.80	21.93	22.13				
20	64QAM	50	0	20.61	20.76	20.76				
20	64QAM	50	24	20.68	20.82	20.71	21.5			
20	64QAM	50	50	20.71	20.80	20.70				
20	64QAM	100	0	20.78	20.78	20.72				
Channel				20855 <th>21100</th> <th>21375</th> <th rowspan="2">Tune-up limit (dBm)</th> <th rowspan="2">MPR (dB)</th>	21100	21375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2507.5 <th>2535<th>2562.5</th></th>	2535 <th>2562.5</th>	2562.5				
15	QPSK	1	0	23.67	23.79	23.76	24.5	0		
15	QPSK	1	37	23.59	23.65	23.69				
15	QPSK	1	74	23.64	23.70	23.67				
15	QPSK	36	0	22.67	22.70	22.67	23.5	1		
15	QPSK	36	20	22.65	22.66	22.71				
15	QPSK	36	39	22.66	22.69	22.70				
15	QPSK	75	0	22.58	22.75	22.60	23.5	1		
15	16QAM	1	0	22.67	22.69	22.68				
15	16QAM	1	37	22.83	22.80	22.76				
15	16QAM	1	74	22.70	23.03	23.11	22.5	2		
15	16QAM	36	0	21.50	21.71	21.60				
15	16QAM	36	20	21.61	21.63	21.84				
15	16QAM	36	39	21.62	21.68	21.58	22.5	2		
15	16QAM	75	0	21.60	21.71	21.59				
15	64QAM	1	0	21.69	22.05	22.01				
15	64QAM	1	37	21.67	21.69	21.73	22.5	2		
15	64QAM	1	74	21.67	21.78	22.06				
15	64QAM	36	0	20.57	20.69	20.67				
15	64QAM	36	20	20.58	20.81	20.56	21.5	3		
15	64QAM	36	39	20.56	20.77	20.69				
15	64QAM	75	0	20.51	20.74	20.62				
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2506	2535	2565				
10	QPSK	1	0	23.65	23.79	23.72	24.5	0		
10	QPSK	1	25	23.62	23.76	23.63				
10	QPSK	1	49	23.64	23.70	23.70				
10	QPSK	25	0	22.62	22.66	22.72	23.5	1		
10	QPSK	25	12	22.57	22.67	22.64				
10	QPSK	25	25	22.64	22.63	22.69				
10	QPSK	50	0	22.54	22.73	22.64	23.5	1		
10	16QAM	1	0	22.75	22.88	22.78				
10	16QAM	1	25	22.80	22.88	22.87				
10	16QAM	1	49	22.75	22.98	23.05	22.5	2		
10	16QAM	25	0	21.52	21.73	21.65				
10	16QAM	25	12	21.56	21.64	21.57				
10	16QAM	25	25	21.62	21.67	21.68	22.5	2		
10	16QAM	50	0	21.51	21.67	21.70				
10	64QAM	1	0	21.72	21.98	21.90				
10	64QAM	1	25	21.67	21.81	21.84	22.5	2		
10	64QAM	1	49	21.67	21.74	21.74				
10	64QAM	25	0	20.47	20.74	20.74				
10	64QAM	25	12	20.65	20.73	20.69	21.5	3		
10	64QAM	25	25	20.60	20.72	20.62				
10	64QAM	50	0	20.62	20.72	20.65				
Channel				20775 <th>21100<th>21425</th><th rowspan="2">Tune-up limit (dBm)</th><th rowspan="2">MPR (dB)</th></th>	21100 <th>21425</th> <th rowspan="2">Tune-up limit (dBm)</th> <th rowspan="2">MPR (dB)</th>	21425	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5 <th>2535<th>2567.5</th></th>	2535 <th>2567.5</th>	2567.5				
5	QPSK	1	0	23.60	23.85	23.65	24.5	0		
5	QPSK	1	12	23.57	23.74	23.82				
5	QPSK	1	24	23.66	23.84	23.68				
5	QPSK	12	0	22.62	22.68	22.67	23.5	1		
5	QPSK	12	7	22.62	22.69	22.73				
5	QPSK	12	13	22.63	22.66	22.65				
5	QPSK	25	0	22.56	22.65	22.59	23.5	1		
5	16QAM	1	0	22.73	22.81	22.89				
5	16QAM	1	12	22.75	22.84	22.72				
5	16QAM	1	24	22.74	22.99	22.69	22.5	2		
5	16QAM	12	0	21.55	21.65	21.67				
5	16QAM	12	7	21.57	21.64	21.58				
5	16QAM	12	13	21.61	21.67	21.65	22.5	2		
5	16QAM	25	0	21.52	21.62	21.60				
5	64QAM	1	0	21.70	22.04	21.98				
5	64QAM	1	12	21.64	21.82	21.77	22.5	2		
5	64QAM	1	24	21.70	21.88	22.01				
5	64QAM	12	0	20.59	20.64	20.62				
5	64QAM	12	7	20.57	20.68	20.67	21.5	3		
5	64QAM	12	13	20.58	20.76	20.73				
5	64QAM	25	0	20.62	20.73	20.69				

Band 12_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)			
Channel				23060	23095	23130					
Frequency (MHz)				704	707.5	711					
10	QPSK	1	0	23.43	23.50	23.45	24.5	0			
10	QPSK	1	25	23.22	23.39	23.29					
10	QPSK	1	49	23.41	23.47	23.32					
10	QPSK	25	0	22.28	22.30	22.25					
10	QPSK	25	12	22.21	22.20	22.22	23.5	1			
10	QPSK	25	25	22.24	22.28	22.22					
10	QPSK	50	0	22.23	22.27	22.24					
10	16QAM	1	0	22.52	22.37	22.60					
10	16QAM	1	25	22.42	22.32	22.35	23.5	1			
10	16QAM	1	49	22.66	22.55	22.61					
10	16QAM	25	0	21.24	21.18	21.20					
10	16QAM	25	12	21.14	21.26	21.18					
10	16QAM	25	25	21.18	21.36	21.25	22.5	2			
10	16QAM	50	0	21.17	21.24	21.23					
10	64QAM	1	0	21.25	21.36	21.22					
10	64QAM	1	25	21.53	21.35	21.40					
10	64QAM	1	49	21.50	21.39	21.35	21.5	3			
10	64QAM	25	0	20.19	20.28	20.21					
10	64QAM	25	12	20.25	20.21	20.31					
10	64QAM	25	25	20.27	20.37	20.23					
10	64QAM	50	0	20.29	20.25	20.23					
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				701.5	707.5	713.5					
5	QPSK	1	0	23.38	23.37	23.38	24.5	0			
5	QPSK	1	12	23.08	23.28	23.15					
5	QPSK	1	24	23.31	23.38	23.19					
5	QPSK	12	0	22.26	22.28	22.21					
5	QPSK	12	7	22.07	22.19	22.07	23.5	1			
5	QPSK	12	13	22.12	22.23	22.16					
5	QPSK	25	0	22.17	22.24	22.16					
5	16QAM	1	0	22.37	22.28	22.66					
5	16QAM	1	12	22.37	22.17	22.33	23.5	1			
5	16QAM	1	24	22.59	22.45	22.69					
5	16QAM	12	0	21.14	21.04	21.11					
5	16QAM	12	7	21.02	21.14	21.14					
5	16QAM	12	13	21.09	21.25	21.13	22.5	2			
5	16QAM	25	0	21.06	21.19	21.18					
5	64QAM	1	0	21.13	21.29	21.08					
5	64QAM	1	12	21.38	21.31	21.25					
5	64QAM	1	24	21.47	21.29	21.34	21.5	3			
5	64QAM	12	0	20.11	20.23	20.19					
5	64QAM	12	7	20.19	20.13	20.27					
5	64QAM	12	13	20.20	20.26	20.16					
5	64QAM	25	0	20.20	20.22	20.08					
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				700.5	707.5	714.5					
3	QPSK	1	0	23.40	23.49	23.35	24.5	0			
3	QPSK	1	8	23.16	23.31	23.21					
3	QPSK	1	14	23.36	23.45	23.21					
3	QPSK	8	0	22.19	22.25	22.19					
3	QPSK	8	7	22.14	22.22	22.16	23.5	1			
3	QPSK	15	0	22.09	22.19	22.20					
3	16QAM	1	0	22.51	22.30	22.59					
3	16QAM	1	8	22.35	22.25	22.28					
3	16QAM	1	14	22.53	22.46	22.54	23.5	1			
3	16QAM	8	0	21.14	21.09	21.06					
3	16QAM	8	4	21.09	21.14	21.16					
3	16QAM	8	7	21.03	21.30	21.11					
3	16QAM	15	0	21.12	21.14	21.22	22.5	2			
3	64QAM	1	0	21.21	21.35	21.09					
3	64QAM	1	8	21.46	21.22	21.39					
3	64QAM	1	14	21.36	21.34	21.29					
3	64QAM	8	0	20.11	20.18	20.17	21.5	3			
3	64QAM	8	4	20.16	20.10	20.27					
3	64QAM	8	7	20.19	20.35	20.20					
3	64QAM	15	0	20.16	20.17	20.22					
Channel				23017	23095	23173	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				699.7	707.5	715.3					
1.4	QPSK	1	0	23.32	23.45	23.37	24.5	0			
1.4	QPSK	1	3	23.16	23.26	23.17					
1.4	QPSK	1	5	23.38	23.40	23.21					
1.4	QPSK	3	0	23.39	23.42	23.42					
1.4	QPSK	3	1	23.20	23.28	23.17	23.5	1			
1.4	QPSK	3	3	23.36	23.40	23.09					
1.4	QPSK	6	0	22.20	22.18	22.20					
1.4	16QAM	1	0	22.45	22.28	22.55					
1.4	16QAM	1	3	22.30	22.26	22.30	23.5	1			
1.4	16QAM	1	5	22.58	22.51	22.46					
1.4	16QAM	3	0	22.48	22.25	22.48					
1.4	16QAM	3	1	22.33	22.26	22.26					
1.4	16QAM	3	3	22.62	22.48	22.46	22.5	2			
1.4	64QAM	1	0	21.19	21.21	21.11					
1.4	64QAM	1	3	21.42	21.21	21.29					
1.4	64QAM	1	5	21.43	21.30	21.25					
1.4	64QAM	3	0	21.13	21.32	21.14	22.5	2			
1.4	64QAM	3	1	21.38	21.20	21.27					
1.4	64QAM	3	3	21.36	21.35	21.24					
1.4	64QAM	6	0	20.22	20.22	20.19				21.5	3

Band 12_Ant 4										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130				
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	23.66	23.72	23.69	24.5	0		
10	QPSK	1	25	23.60	23.64	23.54				
10	QPSK	1	49	23.62	23.43	23.38				
10	QPSK	25	0	22.55	22.60	22.53				
10	QPSK	25	12	22.51	22.52	22.51	23.5	1		
10	QPSK	25	25	22.53	22.56	22.45				
10	QPSK	50	0	22.53	22.58	22.47				
10	16QAM	1	0	22.95	22.63	22.99				
10	16QAM	1	25	22.94	22.69	22.70	23.5	1		
10	16QAM	1	49	22.99	22.76	22.84				
10	16QAM	25	0	21.52	21.64	21.46				
10	16QAM	25	12	21.43	21.53	21.43				
10	16QAM	25	25	21.60	21.54	21.44	22.5	2		
10	16QAM	50	0	21.56	21.56	21.44				
10	64QAM	1	0	21.75	21.73	21.87				
10	64QAM	1	25	21.85	21.80	21.77				
10	64QAM	1	49	21.71	21.69	21.84	21.5	3		
10	64QAM	25	0	20.53	20.50	20.49				
10	64QAM	25	12	20.58	20.52	20.48				
10	64QAM	25	25	20.51	20.49	20.49				
10	64QAM	50	0	20.53	20.52	20.46				
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				701.5	707.5	713.5				
5	QPSK	1	0	23.55	23.70	23.57	24.5	0		
5	QPSK	1	12	23.49	23.55	23.49				
5	QPSK	1	24	23.54	23.34	23.28				
5	QPSK	12	0	22.53	22.51	22.50				
5	QPSK	12	7	22.49	22.49	22.37	23.5	1		
5	QPSK	12	13	22.48	22.51	22.31				
5	QPSK	25	0	22.44	22.52	22.42				
5	16QAM	1	0	22.67	22.57	22.90				
5	16QAM	1	12	22.67	22.61	22.67	23.5	1		
5	16QAM	1	24	22.95	22.68	22.52				
5	16QAM	12	0	21.46	21.59	21.41				
5	16QAM	12	7	21.40	21.50	21.30				
5	16QAM	12	13	21.44	21.43	21.29	22.5	2		
5	16QAM	25	0	21.54	21.42	21.37				
5	64QAM	1	0	21.71	21.71	21.81				
5	64QAM	1	12	21.81	21.74	21.74				
5	64QAM	1	24	21.66	21.65	21.71	21.5	3		
5	64QAM	12	0	20.39	20.36	20.40				
5	64QAM	12	7	20.55	20.46	20.35				
5	64QAM	12	13	20.48	20.39	20.48				
5	64QAM	25	0	20.44	20.39	20.42				
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				700.5	707.5	714.5				
3	QPSK	1	0	23.58	23.63	23.68	24.5	0		
3	QPSK	1	8	23.53	23.59	23.44				
3	QPSK	1	14	23.56	23.35	23.37				
3	QPSK	8	0	22.43	22.59	22.48				
3	QPSK	8	4	22.46	22.42	22.45	23.5	1		
3	QPSK	8	7	22.49	22.55	22.43				
3	QPSK	15	0	22.48	22.49	22.40				
3	16QAM	1	0	22.91	22.57	22.98				
3	16QAM	1	8	22.91	22.65	22.86	23.5	1		
3	16QAM	1	14	22.93	22.66	22.55				
3	16QAM	8	0	21.47	21.53	21.43				
3	16QAM	8	4	22.42	21.46	21.30				
3	16QAM	8	7	21.55	21.43	21.41	22.5	2		
3	16QAM	15	0	21.49	21.50	21.39				
3	64QAM	1	0	21.64	21.67	21.81				
3	64QAM	1	8	21.61	21.83	21.74				
3	64QAM	1	14	21.68	21.66	21.83	21.5	3		
3	64QAM	8	0	20.51	20.50	20.43				
3	64QAM	8	4	20.48	20.48	20.34				
3	64QAM	8	7	20.43	20.41	20.43				
3	64QAM	15	0	20.40	20.49	20.35				
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	23.56	23.60	23.67	24.5	0		
1.4	QPSK	1	3	23.57	23.60	23.40				
1.4	QPSK	1	5	23.51	23.41	23.25				
1.4	QPSK	3	0	23.65	23.66	23.67				
1.4	QPSK	3	1	23.53	23.53	23.48	23.5	1		
1.4	QPSK	3	3	23.57	23.42	23.27				
1.4	16QAM	1	0	22.93	22.47	22.43				
1.4	16QAM	1	3	22.93	22.51	22.88				
1.4	16QAM	1	3	22.80	22.55	22.81	23.5	1		
1.4	16QAM	1	5	22.87	22.64	22.22				
1.4	16QAM	3	0	22.89	22.48	22.93				
1.4	16QAM	3	1	22.91	22.52	22.85				
1.4	16QAM	3	3	22.85	22.62	22.56	22.5	2		
1.4	64QAM	1	0	21.52	21.51	21.37				
1.4	64QAM	1	3	21.70	21.69	21.79				
1.4	64QAM	1	3	21.74	21.82	21.67				
1.4	64QAM	1	5	21.59	21.56	21.82	21.5	3		
1.4	64QAM	3	0	21.70	21.63	21.79				
1.4	64QAM	3	1	21.79	21.81	21.72				
1.4	64QAM	3	3	21.54	21.54	21.73				
1.4	64QAM	6	0	20.92	20.65	21.64				

Band 66_Ant 1																				
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Turn-up limit (dBm)	MPR (dB)												
Channel																				
Frequency (MHz)				130272	132322	132572														
20	QPSK	1	0	18.88	18.82	18.84	20	0												
20	QPSK	1	48	18.71	18.79	18.67														
20	QPSK	1	96	18.68	18.87	18.78	20	0												
20	QPSK	50	0	18.77	18.83	18.75														
20	QPSK	50	24	18.67	18.75	18.60	20	0												
20	QPSK	50	50	18.52	18.73	18.71														
20	QPSK	100	0	18.67	18.77	18.72	20	0												
20	16QAM	1	0	18.70	18.77	18.67														
20	16QAM	1	48	18.69	18.84	18.63	20	0												
20	16QAM	1	96	18.66	18.66	18.67														
20	16QAM	50	0	18.66	18.77	18.60	20	0												
20	16QAM	50	24	18.60	18.82	18.83														
20	16QAM	50	50	18.62	18.79	18.68	20	0												
20	16QAM	100	0	18.76	18.74	18.76														
20	64QAM	1	0	18.68	18.75	18.64	20	0												
20	64QAM	1	48	18.73	18.74	18.70														
20	64QAM	1	96	18.71	18.78	18.68	20	0												
20	64QAM	50	0	18.67	18.72	18.76														
20	64QAM	50	24	18.71	18.70	18.84	20	0												
20	64QAM	50	50	18.65	18.69	18.79														
20	64QAM	100	0	18.64	18.72	18.85														
Channel																				
Frequency (MHz)																				
15	QPSK	1	0	18.80	18.89	18.82	20	0												
15	QPSK	1	37	18.57	18.74	18.59														
15	QPSK	1	74	18.66	18.74	18.70	20	0												
15	QPSK	36	0	18.65	18.82	18.69														
15	QPSK	36	20	18.52	18.69	18.59	20	0												
15	QPSK	36	39	18.43	18.64	18.59														
15	QPSK	75	0	18.65	18.64	18.64	20	0												
15	16QAM	1	0	18.60	18.66	18.62														
15	16QAM	1	37	18.67	18.75	18.53	20	0												
15	16QAM	1	74	18.62	18.64	18.72														
15	16QAM	36	0	18.64	18.75	18.59	20	0												
15	16QAM	36	20	18.50	18.72	18.80														
15	16QAM	36	39	18.68	18.64	18.62	20	0												
15	16QAM	75	0	18.71	18.61	18.70														
15	64QAM	1	0	18.57	18.60	18.57	20	0												
15	64QAM	1	37	18.70	18.60	18.56														
15	64QAM	1	74	18.62	18.77	18.62	20	0												
15	64QAM	36	0	18.55	18.67	18.65														
15	64QAM	36	20	18.61	18.63	18.80	20	0												
15	64QAM	36	39	18.64	18.64	18.76														
15	64QAM	75	0	18.58	18.60	18.79														
Channel																				
Frequency (MHz)																				
10	QPSK	1	0	18.78	18.82	18.83	20	0												
10	QPSK	1	25	18.62	18.73	18.68														
10	QPSK	1	48	18.67	18.79	18.64	20	0												
10	QPSK	25	0	18.64	18.75	18.68														
10	QPSK	25	12	18.58	18.62	18.57	20	0												
10	QPSK	25	25	18.49	18.61	18.63														
10	QPSK	50	0	18.58	18.69	18.62	20	0												
10	16QAM	1	0	18.61	18.75	18.54														
10	16QAM	1	25	18.68	18.83	18.62	20	0												
10	16QAM	1	48	18.65	18.65	18.63														
10	16QAM	25	0	18.52	18.62	18.47	20	0												
10	16QAM	25	12	18.48	18.71	18.77														
10	16QAM	25	25	18.74	18.77	18.61	20	0												
10	16QAM	50	0	18.74	18.64	18.62														
10	64QAM	1	0	18.64	18.67	18.59	20	0												
10	64QAM	1	25	18.69	18.61	18.59														
10	64QAM	1	48	18.64	18.64	18.53	20	0												
10	64QAM	25	0	18.63	18.71	18.61														
10	64QAM	25	12	18.63	18.63	18.75	20	0												
10	64QAM	25	25	18.59	18.56	18.66														
10	64QAM	50	0	18.56	18.57	18.81														
Channel																				
Frequency (MHz)																				
5	QPSK	1	0	18.79	18.91	18.73	20	0												
5	QPSK	1	12	18.62	18.76	18.52														
5	QPSK	1	24	18.63	18.86	18.63	20	0												
5	QPSK	12	0	18.62	18.72	18.72														
5	QPSK	12	7	18.64	18.68	18.50	20	0												
5	QPSK	12	13	18.49	18.65	18.60														
5	QPSK	25	0	18.62	18.67	18.68	20	0												
5	16QAM	1	0	18.59	18.66	18.60														
5	16QAM	1	12	18.66	18.77	18.49	20	0												
5	16QAM	1	24	18.54	18.59	18.74														
5	16QAM	12	0	18.54	18.63	18.49	20	0												
5	16QAM	12	7	18.45	18.79	18.72														
5	16QAM	12	13	18.77	18.65	18.57	20	0												
5	16QAM	25	0	18.69	18.72	18.75														
5	64QAM	1	0	18.58	18.67	18.57	20	0												
5	64QAM	1	12	18.69	18.61	18.68														
5	64QAM	1	24	18.69	18.77	18.63	20	0												
5	64QAM	12	0	18.54	18.64	18.70														
5	64QAM	12	7	18.67	18.58	18.82	20	0												
5	64QAM	12	13	18.58	18.64	18.69														
5	64QAM	25	0	18.55	18.61	18.72														
Channel																				
Frequency (MHz)																				
3	QPSK	1	0	18.74	18.81	18.74	20	0												
3	QPSK	1	8	18.62	18.76	18.52														
3	QPSK	1	14	18.61	18.86	18.75	20	0												
3	QPSK	8	0	18.64	18.76	18.65														
3	QPSK	8	4	18.51	18.63	18.51	20	0												
3	QPSK	8	7	18.48	18.58	18.69														
3	QPSK	15	0	18.60	18.76	18.67	20	0												
3	16QAM	1	0	18.56	18.64	18.55														
3	16QAM	1	8	18.58	18.71	18.62	20	0												
3	16QAM	1	14	18.58	18.63	18.66														
3	16QAM	8	0	18.57	18.63	18.49	20	0												
3	16QAM	8	4	18.47	18.78	18.67														
3	16QAM	8	7	18.70	18.78	18.67	20	0												
3	16QAM	15	0	18.68	18.68	18.61														
3	64QAM	1	0	18.63	18.74	18.63	20	0												
3	64QAM	1	8	18.60	18.68	18.63														
3	64QAM	1	14	18.69	18.74	18.53	20	0												
3	64QAM	8	0	18.63	18.63	18.78														
3	64QAM	8	4	18.56	18.55	18.70	20	0												
3	64QAM	8	7	18.58	18.60	18.75														
3	64QAM	15	0	18.54	18.63	18.76	20	0												
Channel																				
Frequency (MHz)																				
1.4	QPSK	1	0	18.77	18.83	18.77	20	0												
1.4	QPSK	1	3	18.60	18.71	18.60														
1.4	QPSK	1	5	18.67	18.85	18.76	20	0												
1.4	QPSK	1	8	18.66	18.69	18.69														
1.4	QPSK	3	1	18.64	18.63	18.59	20	0												
1.4	QPSK	3	3	18.41	18.60	18.65														
1.4	QPSK	6	0	18.66	18.68	18.69	20	0												
1.4	16QAM	1	0	18.63	18.71	18.56														
1.4	16QAM	1	3	18.61	18.75	18.50	20	0												
1.4	16QAM	1	5	18.63	18.57	18.83														
1.4	16QAM	3	0	18.56	18.72	18.57	20	0												
1.4	16QAM	3	1	18.55	18.64	18.63														
1.4	16QAM	3	3	18.68	18.67	18.57	20	0												
1.4	16QAM	6	0	18.73	18.68	18.65														
1.4	64QAM	1	0	18.53	18.60	18.58	20	0												
1.4	64QAM	1	3	18.68	18.73	18.69														
1.4	64QAM	1	5	18.67	18.77	18.67	20	0												
1.4	64QAM	3	0	18.60	18.63	18.72														
1.4	64QAM	3	1	18.51	18.64	18.68	20	0												
1.4	64QAM	3	3	18.63	18.67	18.76														
1.4	64QAM	6	0	18.63	18.65	18.72	20	0												

LTE Band 71_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				133222	133297	133272						
Frequency (MHz)				673	660.5	666						
20	QPSK	1	0	23.30	23.41	23.24	24.5	0				
20	QPSK	1	49	23.21	23.24	23.20						
20	QPSK	1	99	23.16	23.22	23.22						
20	QPSK	50	0	22.35	22.39	22.29						
20	QPSK	50	24	22.29	22.29	22.25	23.5	1				
20	QPSK	50	50	22.33	22.23	22.24						
20	QPSK	100	0	22.31	22.34	22.26						
20	16QAM	1	0	22.53	22.52	22.53						
20	16QAM	1	49	22.48	22.44	22.46	23.5	1				
20	16QAM	1	99	22.49	22.54	22.56						
20	16QAM	50	0	21.35	21.21	21.23						
20	16QAM	50	24	21.27	21.26	21.27						
20	16QAM	50	50	21.34	21.29	21.25	22.5	2				
20	16QAM	100	0	21.35	21.22	21.25						
20	64QAM	1	0	21.42	21.44	21.46						
20	64QAM	1	49	21.34	21.45	21.35						
20	64QAM	1	99	21.40	21.49	21.51	22.5	2				
20	64QAM	50	0	20.34	20.23	20.22						
20	64QAM	50	24	20.28	20.31	20.29						
20	64QAM	50	50	20.35	20.31	20.27						
20	64QAM	100	0	20.36	20.26	20.24	21.5	3				
Channel				133197	133297	133397						
Frequency (MHz)				670.5	660.5	660.5						
15	QPSK	1	0	23.30	23.31	23.06	24.5	0				
15	QPSK	1	37	23.12	23.06	23.10						
15	QPSK	1	74	23.11	22.99	23.13						
15	QPSK	36	0	22.26	22.14	22.04						
15	QPSK	36	20	22.07	22.04	22.06	23.5	1				
15	QPSK	36	39	22.20	22.05	22.15						
15	QPSK	75	0	22.22	22.16	22.09						
15	16QAM	1	0	22.36	22.46	22.44						
15	16QAM	1	37	22.36	22.20	22.24	23.5	1				
15	16QAM	1	74	22.39	22.34	22.46						
15	16QAM	36	0	21.12	20.97	21.14						
15	16QAM	36	20	21.06	21.21	21.21						
15	16QAM	36	39	21.09	21.16	21.04	22.5	2				
15	16QAM	75	0	21.29	21.09	21.05						
15	64QAM	1	0	21.22	21.27	21.22						
15	64QAM	1	37	21.19	21.36	21.24						
15	64QAM	1	74	21.30	21.28	21.44	22.5	2				
15	64QAM	36	0	20.15	20.16	20.00						
15	64QAM	36	20	20.17	20.25	20.24						
15	64QAM	36	39	20.24	20.25	20.10						
15	64QAM	75	0	20.27	20.14	20.08	21.5	3				
Channel				133172	133297	133422						
Frequency (MHz)				668	660.5	663						
10	QPSK	1	0	23.28	23.16	23.17	24.5	0				
10	QPSK	1	25	23.03	23.18	23.07						
10	QPSK	1	49	22.96	23.00	23.08						
10	QPSK	25	0	22.30	22.15	22.16						
10	QPSK	25	12	22.21	22.07	22.06	23.5	1				
10	QPSK	25	25	22.18	21.98	21.99						
10	QPSK	50	0	22.25	22.19	22.02						
10	16QAM	1	0	22.37	22.43	22.41						
10	16QAM	1	25	22.36	22.31	22.28	23.5	1				
10	16QAM	1	49	22.39	22.31	22.46						
10	16QAM	25	0	21.16	21.05	21.05						
10	16QAM	25	12	21.14	21.20	21.19						
10	16QAM	25	25	21.13	21.22	21.10	22.5	2				
10	16QAM	50	0	21.29	21.03	21.06						
10	64QAM	1	0	21.35	21.32	21.34						
10	64QAM	1	25	21.19	21.38	21.12						
10	64QAM	1	49	21.33	21.26	21.43	22.5	2				
10	64QAM	25	0	20.20	20.18	20.11						
10	64QAM	25	12	20.03	20.10	20.21						
10	64QAM	25	25	20.24	20.19	20.06						
10	64QAM	50	0	20.21	20.18	20.06	21.5	3				
Channel				133147	133297	133447						
Frequency (MHz)				665.5	660.5	665.5						
5	QPSK	1	0	23.27	23.35	23.10	24.5	0				
5	QPSK	1	12	23.04	23.09	23.00						
5	QPSK	1	24	23.02	23.09	23.02						
5	QPSK	12	0	22.22	22.30	22.09						
5	QPSK	12	7	22.21	22.20	22.09	23.5	1				
5	QPSK	12	13	22.12	22.11	22.10						
5	QPSK	25	0	22.26	22.12	22.07						
5	16QAM	1	0	22.34	22.33	22.36						
5	16QAM	1	12	22.30	22.36	22.43	23.5	1				
5	16QAM	1	24	22.29	22.36	22.42						
5	16QAM	12	0	21.29	20.96	21.18						
5	16QAM	12	7	21.07	21.18	21.18						
5	16QAM	12	13	21.26	21.16	21.01	22.5	2				
5	16QAM	25	0	21.15	21.05	21.09						
5	64QAM	1	0	21.24	21.20	21.33						
5	64QAM	1	12	21.20	21.30	21.17						
5	64QAM	1	24	21.21	21.29	21.36	22.5	2				
5	64QAM	12	0	20.10	20.17	20.13						
5	64QAM	12	7	20.15	20.18	20.10						
5	64QAM	12	13	20.20	20.06	20.22						
5	64QAM	25	0	20.19	20.18	20.06	21.5	3				

LTE Band 71_Ant 4											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				133222	133297	133372					
Frequency (MHz)				673	660.5	665					
20	QPSK	1	0	23.62	23.69	23.55	24.5	0			
20	QPSK	1	49	23.49	23.50	23.53					
20	QPSK	1	99	23.58	23.59	23.47					
20	QPSK	50	0	22.69	22.71	22.57					
20	QPSK	50	24	22.64	22.63	22.53	23.5	1			
20	QPSK	50	50	22.61	22.64	22.55					
20	QPSK	100	0	22.61	22.69	22.53					
20	16QAM	1	0	22.65	22.62	22.64					
20	16QAM	1	49	22.62	22.68	22.74	23.5	1			
20	16QAM	1	99	22.77	22.79	22.69					
20	16QAM	50	0	21.75	21.62	21.52					
20	16QAM	50	24	21.63	21.59	21.59					
20	16QAM	50	50	21.65	21.62	21.54	22.5	2			
20	16QAM	100	0	21.65	21.57	21.52					
20	64QAM	1	0	21.69	21.73	21.73					
20	64QAM	1	49	21.67	21.71	21.66					
20	64QAM	1	99	21.63	21.72	21.62	22.5	2			
20	64QAM	50	0	20.68	20.62	20.51					
20	64QAM	50	24	20.66	20.64	20.61					
20	64QAM	50	50	20.69	20.64	20.58					
20	64QAM	100	0	20.64	20.64	20.55	21.5	3			
Channel				133197	133297	133422				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	660.5	665.5					
15	QPSK	1	0	23.51	23.45	23.48	24.5	0			
15	QPSK	1	37	23.36	23.33	23.48					
15	QPSK	1	74	23.50	23.51	23.25					
15	QPSK	36	0	22.50	22.54	22.52					
15	QPSK	36	20	22.48	22.45	22.30	23.5	1			
15	QPSK	36	39	22.44	22.54	22.41					
15	QPSK	75	0	22.43	22.50	22.42					
15	16QAM	1	0	22.64	22.79	22.79		23.5	1		
15	16QAM	1	37	22.61	22.69	22.56					
15	16QAM	1	74	22.50	22.56	22.46					
15	16QAM	36	0	21.57	21.49	21.35	22.5		2		
15	16QAM	36	20	21.46	21.54	21.47					
15	16QAM	36	39	21.51	21.56	21.41					
15	16QAM	75	0	21.46	21.42	21.30		22.5	2		
15	64QAM	1	0	21.53	21.62	21.61					
15	64QAM	1	37	21.49	21.56	21.55					
15	64QAM	1	74	21.54	21.63	21.51	22.5		3		
15	64QAM	36	0	20.44	20.37	20.44					
15	64QAM	36	20	20.50	20.54	20.50					
15	64QAM	36	39	20.53	20.43	20.39		21.5	3		
15	64QAM	75	0	20.52	20.41	20.35					
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				668	660.5	663					
10	QPSK	1	0	23.56	23.47	23.48	24.5	0			
10	QPSK	1	25	23.27	23.32	23.42					
10	QPSK	1	49	23.48	23.51	23.27					
10	QPSK	20	0	22.51	22.63	22.40					
10	QPSK	20	12	22.48	22.41	22.48	23.5	1			
10	QPSK	25	25	22.36	22.55	22.35					
10	QPSK	50	0	22.41	22.47	22.44					
10	16QAM	1	0	22.79	22.69	22.57		23.5	1		
10	16QAM	1	25	22.73	22.70	22.57					
10	16QAM	1	49	22.78	22.74	22.48					
10	16QAM	20	0	21.52	21.50	21.38	22.5		2		
10	16QAM	20	12	21.43	21.36	21.30					
10	16QAM	25	25	21.53	21.54	21.40					
10	16QAM	50	0	21.59	21.49	21.32		22.5	2		
10	64QAM	1	0	21.56	21.58	21.62					
10	64QAM	1	25	21.73	21.64	21.50					
10	64QAM	1	49	21.49	21.51	21.55	21.5		3		
10	64QAM	20	0	20.54	20.54	20.35					
10	64QAM	20	12	20.41	20.42	20.50					
10	64QAM	25	25	20.50	20.50	20.44		21.5	3		
10	64QAM	50	0	20.54	20.46	20.49					
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				665.5	660.5	665.5					
5	QPSK	1	0	23.50	23.56	23.34	24.5	0			
5	QPSK	1	12	23.43	23.43	23.48					
5	QPSK	1	24	23.43	23.43	23.42					
5	QPSK	12	0	22.48	22.51	22.56					
5	QPSK	12	7	22.44	22.47	22.44	23.5	1			
5	QPSK	12	13	22.41	22.53	22.37					
5	QPSK	25	0	22.47	22.62	22.29					
5	16QAM	1	0	22.76	22.76	22.60		23.5	1		
5	16QAM	1	12	22.68	22.78	22.62					
5	16QAM	1	24	22.71	22.54	22.47					
5	16QAM	12	0	21.50	21.48	21.45	22.5		2		
5	16QAM	12	7	21.46	21.53	21.47					
5	16QAM	12	13	21.60	21.50	21.43					
5	16QAM	25	0	21.49	21.48	21.39		22.5	2		
5	64QAM	1	0	21.60	21.59	21.50					
5	64QAM	1	12	21.74	21.46	21.52					
5	64QAM	1	24	21.51	21.55	21.46	21.5		3		
5	64QAM	12	0	20.63	20.47	20.35					
5	64QAM	12	7	20.66	20.50	20.37					
5	64QAM	12	13	20.65	20.56	20.36		21.5	3		
5	64QAM	25	0	20.57	20.55	20.47					

Band 41_Ant 1											
BW (MHz)	Modulation	FS (MHz)	RF Offset	Power Low Ch (Freq)	Power Low Mid Ch (Freq)	Power Low High Ch (Freq)	Power High Ch (Freq)	Power High Ch (Freq)	Turn-on time (s)	APR (dB)	
Channel				36750	40165	40600	41000	41400			
Frequency (MHz)				2546	2549	2550	2553.5	2555			
20	QPSK	1	5	15.69	15.33	15.23	15.88	15.12	17.5	0	
20	QPSK	1	49	15.73	15.79	16.10	15.84	15.99			
20	QPSK	1	99	15.89	15.70	16.22	15.82	16.05			
20	QPSK	50	5	15.62	15.77	15.21	15.88	15.11			
20	QPSK	50	24	15.73	15.69	16.15	15.88	15.97			
20	QPSK	50	36	15.91	15.72	16.08	15.86	15.92	17.5	0	
20	QPSK	100	5	15.67	15.77	15.18	15.86	15.99			
20	QPSK	100	1	15.62	15.73	16.14	15.92	16.13			
20	QPSK	100	24	15.82	15.74	16.09	15.84	15.90			
20	QPSK	100	50	15.91	15.84	16.16	15.82	16.03			
20	QPSK	100	55	15.80	15.75	16.16	15.97	16.13	17.5	0	
20	QPSK	100	50	15.80	15.75	16.16	15.97	16.13			
20	QPSK	100	55	15.71	15.84	16.07	15.96	15.97			
20	QPSK	100	5	15.66	15.77	16.13	15.90	16.16			
20	QPSK	100	5	15.66	15.77	16.13	15.90	16.16			
20	QPSK	1	49	15.78	15.77	16.20	15.90	15.92	17.5	0	
20	QPSK	1	99	15.81	15.74	16.18	15.85	16.03			
20	QPSK	50	5	15.61	15.64	16.16	15.92	16.08			
20	QPSK	50	24	15.84	15.79	16.07	15.92	16.02			
20	QPSK	50	30	15.80	15.80	16.21	15.99	16.09			
20	QPSK	100	5	15.60	15.69	16.05	15.92	15.97	17.5	0	
20	QPSK	100	5	15.60	15.69	16.05	15.92	15.97			
20	QPSK	100	5	15.60	15.69	16.05	15.92	15.97			
20	QPSK	100	5	15.60	15.69	16.05	15.92	15.97			
20	QPSK	100	5	15.60	15.69	16.05	15.92	15.97			
Channel				36750	40173	40600	41000	41410	Turn-on time (s)	APR (dB)	
Frequency (MHz)				2546.5	2548.3	2553	2557.8	2562.3			
15	QPSK	1	5	15.69	15.76	16.15	15.87	16.00	17.5	0	
15	QPSK	1	37	15.63	15.74	15.98	15.83	15.95			
15	QPSK	1	74	15.67	15.62	16.20	15.79	15.98			
15	QPSK	36	5	15.69	15.72	16.03	15.84	15.96			
15	QPSK	36	20	15.69	15.64	16.08	15.79	16.03			
15	QPSK	36	30	15.67	15.68	16.01	15.62	15.85	17.5	0	
15	QPSK	75	5	15.70	15.73	16.06	15.86	15.91			
15	QPSK	75	1	15.79	15.61	16.05	15.91	16.07			
15	QPSK	1	37	15.70	15.59	16.03	15.77	15.94			
15	QPSK	1	74	15.69	15.76	16.02	15.73	15.90			
15	QPSK	36	5	15.76	15.70	16.10	15.82	16.00	17.5	0	
15	QPSK	36	20	15.76	15.60	16.09	15.68	15.92			
15	QPSK	36	30	15.69	15.63	16.07	15.68	15.92			
15	QPSK	75	5	15.67	15.69	16.02	15.83	16.08			
15	QPSK	75	1	15.61	15.69	15.97	15.89	15.96			
15	QPSK	1	37	15.70	15.73	16.05	15.89	16.00	17.5	0	
15	QPSK	1	74	15.73	15.72	16.12	15.81	16.01			
15	QPSK	36	5	15.70	15.61	16.11	15.79	15.94			
15	QPSK	36	20	15.61	15.68	16.04	15.62	15.92			
15	QPSK	36	30	15.74	15.73	16.20	15.74	16.08			
15	QPSK	75	5	15.76	15.67	16.01	15.84	15.94	17.5	0	
15	QPSK	75	1	15.76	15.67	16.01	15.84	15.94			
15	QPSK	75	1	15.76	15.67	16.01	15.84	15.94			
15	QPSK	75	1	15.76	15.67	16.01	15.84	15.94			
15	QPSK	75	1	15.76	15.67	16.01	15.84	15.94			
Channel				36750	40160.5	40600	41000.5	41400	Turn-on time (s)	APR (dB)	
Frequency (MHz)				2501	2547.05	2593	2639.05	2685			
10	QPSK	1	5	15.86	15.78	16.16	15.97	16.06	17.5	0	
10	QPSK	1	25	15.72	15.75	15.98	15.80	15.92			
10	QPSK	1	49	15.63	15.66	16.08	15.70	15.95			
10	QPSK	25	5	15.85	15.99	16.17	15.87	16.05			
10	QPSK	25	12	15.80	15.86	16.04	15.84	15.96			
10	QPSK	25	24	15.67	15.64	16.06	15.85	15.98	17.5	0	
10	QPSK	50	5	15.77	15.84	16.17	15.81	15.91			
10	QPSK	50	1	15.79	15.62	16.06	15.91	15.97			
10	QPSK	100	1	15.79	15.57	16.02	15.77	15.95			
10	QPSK	100	1	15.79	15.57	16.02	15.77	15.95			
10	QPSK	1	49	15.68	15.60	16.09	15.72	16.01	17.5	0	
10	QPSK	25	5	15.85	15.87	16.06	15.82	16.02			
10	QPSK	25	12	15.76	15.82	15.95	15.81	15.93			
10	QPSK	50	5	15.66	15.61	16.04	15.85	15.95			
10	QPSK	50	5	15.66	15.66	16.10	15.86	16.10			
10	QPSK	1	5	15.80	15.68	16.04	15.92	15.95	17.5	0	
10	QPSK	1	25	15.66	15.73	16.08	15.88	15.73			
10	QPSK	1	49	15.67	15.70	16.15	15.70	15.91			
10	QPSK	25	5	15.77	15.52	16.12	15.88	16.07			
10	QPSK	25	12	15.60	15.77	16.01	15.87	16.05			
10	QPSK	25	24	15.71	15.77	16.07	15.76	15.94	17.5	0	
10	QPSK	50	5	15.77	15.66	15.93	15.88	15.94			
10	QPSK	50	5	15.77	15.66	15.93	15.88	15.94			
10	QPSK	50	5	15.77	15.66	15.93	15.88	15.94			
10	QPSK	50	5	15.77	15.66	15.93	15.88	15.94			
Channel				36975	40168	40600	41000	41385	Turn-on time (s)	APR (dB)	
Frequency (MHz)				2546.5	2546.5	2550	2553.5	2555			
5	QPSK	1	5	15.86	15.76	16.16	15.92	16.03	17.5	0	
5	QPSK	1	12	15.70	15.75	15.98	15.80	15.92			
5	QPSK	1	24	15.67	15.66	16.16	15.72	16.01			
5	QPSK	1	5	15.79	15.60	16.18	15.82	15.98			
5	QPSK	12	7	15.69	15.61	16.06	15.79	15.93			
5	QPSK	12	19	15.80	15.66	16.07	15.66	15.97	17.5	0	
5	QPSK	25	5	15.72	15.74	16.16	15.87	15.92			
5	QPSK	25	12	15.78	15.64	16.16	15.80	15.92	17.5	0	
5	QPSK	50	5	15.64	15.63	16.07	15.67	15.91			
5	QPSK	50	12	15.74	15.64	16.01	15.80	15.96			
5	QPSK	50	25	15.67	15.59	16.20	15.80	15.92			
5	QPSK	50	36	15.74	15.70	16.06	15.67	15.91			
5	QPSK	1	12	15.67	15.73	16.06	15.84	15.90	17.5	0	
5	QPSK	1	24	15.71	15.67	16.15	15.72	16.01			
5	QPSK	1	49	15.68	15.69	16.18	15.70	15.93			
5	QPSK	12	7	15.69	15.60	16.09	15.75	15.91			
5	QPSK	12	19	15.85	15.66	16.04	15.59	15.91			
5	QPSK	12	19	15.85	15.77	16.13	15.78	16.05	17.5	0	
5	QPSK	25	5	15.65	15.67	16.13	15.78	16.05			
5	QPSK	25	12	15.65	15.67	16.13	15.78	16.05			
5	QPSK	25	12	15.65	15.67	16.13	15.78	16.05			
5	QPSK	25	12	15.65	15.67	16.13	15.78	16.05			

Part 96_Band 48_Ant 1											Part 96_Band 48_Ant 3											Part 96_Band 48_Ant 5											Part 96_Band 48_Ant 7										
BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch / Freq	Power Low-Mid Ch / Freq	Power Low-High Ch / Freq	Power High-Mid Ch / Freq	Power High Ch / Freq	Time-up (min)	MFR (dB)	BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch / Freq	Power Low-Mid Ch / Freq	Power Low-High Ch / Freq	Power High-Mid Ch / Freq	Power High Ch / Freq	Time-up (min)	MFR (dB)	BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch / Freq	Power Low-Mid Ch / Freq	Power Low-High Ch / Freq	Power High-Mid Ch / Freq	Power High Ch / Freq	Time-up (min)	MFR (dB)	BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch / Freq	Power Low-Mid Ch / Freq	Power Low-High Ch / Freq	Power High-Mid Ch / Freq	Power High Ch / Freq	Time-up (min)	MFR (dB)
Channel											Channel											Channel											Channel										
Frequency (MHz)											Frequency (MHz)											Frequency (MHz)											Frequency (MHz)										
20	QPSK	1	0	17.08	17.08	17.08	17.08	17.08	18.5	0	20	QPSK	1	0	14.39	14.34	14.30	14.30	14.30	15.5	0	20	QPSK	1	0	18.42	18.48	18.50	18.50	18.50	19.5	0	20	QPSK	1	0	13.27	13.15	13.11	13.10	13.10	18.5	0
20	QPSK	1	40	17.77	17.81	17.81	17.87	17.87	18.5	0	20	QPSK	1	40	14.83	14.78	14.71	14.67	14.67	15.5	0	20	QPSK	1	40	18.70	18.57	18.49	18.53	18.53	19.5	0	20	QPSK	1	40	13.13	13.08	13.04	13.04	13.04	18.5	0
20	QPSK	1	80	17.93	17.93	17.93	17.93	17.93	18.5	0	20	QPSK	1	80	14.82	14.87	14.82	14.82	14.82	15.5	0	20	QPSK	1	80	18.85	18.85	18.85	18.85	18.85	19.5	0	20	QPSK	1	80	13.00	13.00	13.00	13.00	13.00	18.5	0
20	QPSK	50	0	17.08	17.08	17.08	17.08	17.08	18.5	0	20	QPSK	50	0	14.30	14.30	14.30	14.30	14.30	15.5	0	20	QPSK	50	0	18.48	18.74	18.67	18.71	18.71	19.5	0	20	QPSK	50	0	13.20	13.10	13.07	13.07	13.07	18.5	0
20	QPSK	50	24	17.82	17.72	17.81	17.80	17.80	18.5	0	20	QPSK	50	24	14.78	14.68	14.80	14.80	14.80	15.5	0	20	QPSK	50	24	18.70	18.67	18.52	18.51	18.51	19.5	0	20	QPSK	50	24	13.11	13.11	13.11	13.11	13.11	18.5	0
20	QPSK	50	50	17.78	17.72	17.78	17.78	17.78	18.5	0	20	QPSK	50	50	14.85	14.80	14.88	14.87	14.87	15.5	0	20	QPSK	50	50	18.70	18.65	18.50	18.50	18.50	19.5	0	20	QPSK	50	50	13.00	13.00	13.00	13.00	13.00	18.5	0
20	QPSK	100	0	17.78	17.76	17.69	17.69	17.69	18.5	0	20	QPSK	100	0	14.30	14.47	14.82	14.71	14.71	15.5	0	20	QPSK	100	0	18.70	18.68	18.52	18.65	18.65	19.5	0	20	QPSK	100	0	13.20	13.00	13.00	13.00	13.00	18.5	0
20	QPSK	1	0	17.74	17.82	17.80	17.80	17.80	18.5	0	20	QPSK	1	0	14.74	14.72	14.70	14.70	14.70	15.5	0	20	QPSK	1	0	18.67	18.65	18.46	18.50	18.50	19.5	0	20	QPSK	1	0	13.13	13.14	13.04	13.07	13.04	18.5	0
20	QPSK	1	40	17.78	17.80	17.80	17.80	17.80	18.5	0	20	QPSK	1	40	14.82	14.81	14.70	14.71	14.71	15.5	0	20	QPSK	1	40	18.60	18.50	18.44	18.48	18.48	19.5	0	20	QPSK	1	40	13.00	13.00	13.00	13.00	13.00	18.5	0
20	QPSK	1	80	17.84	17.72	17.74	17.69	17.69	18.5	0	20	QPSK	1	80	14.36	14.75	14.82	14.80	14.80	15.5	0	20	QPSK	1	80	18.60	18.50	18.36	18.42	18.42	19.5	0	20	QPSK	1	80	13.00	13.00	13.00	13.00	13.00	18.5	0
20	QPSK	50	0	17.78	17.70	17.81	17.80	17.80	18.5	0	20	QPSK	50	0	14.78	14.65	14.70	14.60	14.60	15.5	0	20	QPSK	50	0	18.74	18.58	18.50	18.50	18.50	19.5	0	20	QPSK	50	0	13.00	13.00	13.00	13.00	13.00	18.5	0
20	QPSK	50	24	17.80	17.80	17.80	17.80	17.80	18.5	0	20	QPSK	50	24	14.78	14.65	14.74	14.60	14.60	15.5	0	20	QPSK	50	24	18.70	18.50	18.41	18.30	18.30	19.5	0	20	QPSK	50	24	13.00	13.00	13.00	13.00	13.00	18.5	0
20	QPSK	50	50	17.80	17.80	17.80	17.80	17.80	18.5	0	20	QPSK	50	50	14.78	14.65	14.81	14.70	14.70	15.5	0	20	QPSK	50	50	18.70	18.46	18.46	18.46	18.46	19.5	0	20	QPSK	50	50	13.00	13.00	13.00	13.00	13.00	18.5	0
20	QPSK	100	0	17.80	17.70	17.80	17.80	17.80	18.5	0	20	QPSK	100	0	14.80	14.68	14.78	14.70	14.70	15.5	0	20	QPSK	100	0	18.71	18.60	18.50	18.45	18.45	19.5	0	20	QPSK	100	0	13.00	13.00	13.00	13.00	13.00	18.5	0
20	QPSK	1	0	17.78	17.74	17.80	17.80	17.80	18.5	0	20	QPSK	1	0	14.80	14.69	14.70	14.60	14.60	15.5	0	20	QPSK	1	0	18.60	18.50	18.40	18.40	18.40	19.5	0	20	QPSK	1	0	13.00	13.00	13.00	13.00	13.00	18.5	0
20	QPSK	1	40	17.87	17.72	17.80	17.81	17.81	18.5	0	20	QPSK	1	40	14.85	14.82	14.71	14.67	14.67	15.5	0	20	QPSK	1	40	18.50	18.50	18.30	18.44	18.44	19.5	0	20	QPSK	1	40	13.00	13.00	13.00	13.00	13.00	18.5	0
20	QPSK	1	80	17.70	17.83	17.80	17.87	17.87	18.5	0	20	QPSK	1	80	14.80	14.68	14.78	14.69	14.69	15.5	0	20	QPSK	1	80	18.51	18.50	18.30	18.40	18.40	19.5	0	20	QPSK	1	80	13.00	13.00	13.00	13.00	13.00	18.5	0
20	QPSK	50	0	17.79	17.80	17.81	17.80	17.80	18.5	0	20	QPSK	50	0	14.81	14.81	14.80	14.80	14.80	15.5	0	20	QPSK	50	0	18.51	18.50	18.30	18.40	18.40	19.5	0	20	QPSK	50	0	13.00	13.00	13.00	13.00	13.00	18.5	0
20	QPSK	50	24	17.78	17.81	17.80	17.80	17.80	18.5	0	20	QPSK	50	24	14.75	14.65	14.80	14.70	14.70	15.5	0	20	QPSK	50	24	18.70	18.58	18.50	18.50	18.50	19.5	0	20	QPSK	50	24	13.00	13.00	13.00	13.00	13.00	18.5	0
20	QPSK	50	50	17.82	17.70	17.80	17.77	17.77	18.5	0	20	QPSK	50	50	14.81	14.70	14.82	14.70	14.70	15.5	0	20	QPSK	50	50	18.62	18.46	18.34	18.33	18.33	19.5	0	20	QPSK	50	50	13.00	13.00	13.00	13.00	13.00	18.5	0
20	QPSK	100	0	17.79	17.81	17.80	17.87	17.87	18.5	0	20	QPSK	100	0	14.83	14.83	14.70	14.60	14.60	15.5	0	20	QPSK	100	0	18.74	18.53	18.44	18.42	18.42	19.5	0	20	QPSK	100	0	13.00	13.00	13.00	13.00	13.00	18.5	0
Channel											Channel											Channel											Channel										
Frequency (MHz)											Frequency (MHz)											Frequency (MHz)											Frequency (MHz)										
15	QPSK	1	0	17.08	17.08	17.08	17.08	17.08	18.5	0	15	QPSK	1	0	14.39	14.72	14.70	14.70	14.70	15.5	0	15	QPSK	1	0	18.70	18.67	18.50	18.50	18.50	19.5	0	15	QPSK	1	0	13.13	13.08	13.04	13.04	13.04	18.5	0
15	QPSK	1	40	17.73	17.70	17.40	17.44	17.44	18.5	0	15	QPSK	1	40	14.68	14.74	14.67	14.65	14.65	15.5	0	15	QPSK	1	40	18.64	18.54	18.57	18.42	18.42	19.5	0	15	QPSK	1	40	13.17	13.02	13.04	13.07	13.07	18.5	0
15	QPSK	1	80	17.79	17.70	17.40	17.40	17.40	18.5	0	15	QPSK	1	80	14.67	14.68	14.60	14.60	14.60	15.5	0	15	QPSK	1	80	18.60	18.50	18.50	18.40	18.40	19.5	0	15	QPSK	1	80	13.00	13.00	13.00	13.00	13.00	18.5	0
15	QPSK	50	0	17.08	17.08	17.08	17.08	17.08	18.5	0	15	QPSK	50	0	14.30	14.65	14.70	14.65	14.65	15.5	0	15	QPSK	50	0	18.60	18.60	18.60	18.60	18.60	19.5	0	15	QPSK	50	0	13.00	13.00	13.00	13.00	13.00	18.5	0
15	QPSK	50	24	17.74	17.62	17.60	17.71	17.71	18.5	0	15	QPSK	50	24	14.84	14.65	14.65	14.60	14.60	15.5	0	15	QPSK	50	24	18.67	18.53	18.54	18.47	18.47	19.5	0	15	QPSK	50	24	13.13	13.00	13.00	13.00	13.00	18.5	0
15	QPSK	50	50	17.70	17.60	17.60																																					

Reduced Power Mode for ECI 13

Band 2_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Time-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100				
Frequency (MHz)				1880	1880	1900				
20	QPSK	1	0	20.81	20.90	20.83	22	0		
20	QPSK	1	49	20.69	20.76	20.68				
20	QPSK	1	99	20.78	20.82	20.72				
20	QPSK	50	0	20.77	20.89	20.82	22	0		
20	QPSK	50	24	20.66	20.82	20.76				
20	QPSK	50	50	20.75	20.75	20.73				
20	QPSK	100	0	20.68	20.75	20.72	22	0		
20	16QAM	1	0	20.71	20.76	20.68				
20	16QAM	1	49	20.69	20.81	20.72				
20	16QAM	1	99	20.67	20.77	20.81	22	0		
20	16QAM	50	0	20.73	20.88	20.77				
20	16QAM	50	24	20.73	20.78	20.73				
20	16QAM	50	50	20.76	20.75	20.82	22	0		
20	16QAM	100	0	20.76	20.78	20.72				
20	64QAM	1	0	20.76	20.85	20.72				
20	64QAM	1	49	20.67	20.85	20.77	22	0		
20	64QAM	1	99	20.76	20.81	20.75				
20	64QAM	50	0	20.40	20.37	20.40				
20	64QAM	50	24	20.39	20.41	20.38	21.5	0.5		
20	64QAM	50	50	20.35	20.37	20.33				
20	64QAM	100	0	20.37	20.36	20.34				
Channel				18675	18900	19125	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	1880	1902.5				
15	QPSK	1	0	20.78	20.78	20.75	22	0		
15	QPSK	1	37	20.82	20.61	20.64				
15	QPSK	1	74	20.77	20.70	20.59				
15	QPSK	36	0	20.73	20.74	20.74	22	0		
15	QPSK	36	20	20.54	20.69	20.73				
15	QPSK	36	39	20.53	20.63	20.67				
15	QPSK	75	0	20.53	20.61	20.71	22	0		
15	16QAM	1	0	20.65	20.73	20.55				
15	16QAM	1	37	20.57	20.68	20.66				
15	16QAM	1	74	20.68	20.76	20.78	22	0		
15	16QAM	36	0	20.68	20.74	20.63				
15	16QAM	36	20	20.60	20.67	20.61				
15	16QAM	36	39	20.73	20.61	20.78	22	0		
15	16QAM	75	0	20.64	20.74	20.66				
15	64QAM	1	0	20.68	20.62	20.59				
15	64QAM	1	37	20.55	20.76	20.68	22	0		
15	64QAM	1	74	20.67	20.79	20.62				
15	64QAM	36	0	20.35	20.30	20.26				
15	64QAM	36	20	20.28	20.32	20.21	21.5	0.5		
15	64QAM	36	39	20.31	20.22	20.24				
15	64QAM	75	0	20.27	20.31	20.24				
Channel				18650	18900	19150	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	0	20.69	20.69	20.62	22	0		
10	QPSK	1	25	20.57	20.69	20.61				
10	QPSK	1	49	20.71	20.79	20.63				
10	QPSK	25	0	20.62	20.61	20.77	22	0		
10	QPSK	25	12	20.61	20.69	20.75				
10	QPSK	25	25	20.63	20.62	20.61				
10	QPSK	50	0	20.55	20.69	20.67	22	0		
10	16QAM	1	0	20.70	20.67	20.67				
10	16QAM	1	25	20.61	20.68	20.67				
10	16QAM	1	49	20.63	20.63	20.79	22	0		
10	16QAM	25	0	20.58	20.84	20.74				
10	16QAM	25	12	20.62	20.73	20.68				
10	16QAM	25	25	20.63	20.68	20.75	22	0		
10	16QAM	50	0	20.67	20.63	20.71				
10	64QAM	1	0	20.67	20.75	20.68				
10	64QAM	1	25	20.58	20.83	20.70	22	0		
10	64QAM	1	49	20.64	20.70	20.70				
10	64QAM	25	0	20.27	20.39	20.33				
10	64QAM	25	12	20.28	20.34	20.21	21.5	0.5		
10	64QAM	25	25	20.25	20.27	20.23				
10	64QAM	50	0	20.28	20.36	20.30				
Channel				18625	18900	19175	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	0	20.79	20.83	20.78	22	0		
5	QPSK	1	12	20.62	20.66	20.67				
5	QPSK	1	24	20.69	20.81	20.62				
5	QPSK	12	0	20.65	20.82	20.68	22	0		
5	QPSK	12	7	20.58	20.79	20.75				
5	QPSK	12	13	20.60	20.64	20.66				
5	QPSK	25	0	20.62	20.67	20.60	22	0		
5	16QAM	1	0	20.69	20.72	20.60				
5	16QAM	1	12	20.66	20.72	20.65				
5	16QAM	1	24	20.63	20.63	20.68	22	0		
5	16QAM	12	0	20.61	20.84	20.65				
5	16QAM	12	7	20.63	20.71	20.60				
5	16QAM	12	13	20.68	20.68	20.73	22	0		
5	16QAM	25	0	20.63	20.64	20.62				
5	64QAM	1	0	20.63	20.74	20.58				
5	64QAM	1	12	20.65	20.80	20.65	22	0		
5	64QAM	1	24	20.65	20.70	20.63				
5	64QAM	12	0	20.33	20.37	20.25				
5	64QAM	12	7	20.40	20.29	20.23	21.5	0.5		
5	64QAM	12	13	20.30	20.29	20.30				
5	64QAM	25	0	20.32	20.27	20.21				
Channel				18615	18900	19185	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1851.5	1880	1908.5				
3	QPSK	1	0	20.74	20.80	20.76	22	0		
3	QPSK	1	8	20.54	20.61	20.64				
3	QPSK	1	14	20.68	20.67	20.60				
3	QPSK	8	0	20.72	20.86	20.79	22	0		
3	QPSK	8	4	20.63	20.80	20.63				
3	QPSK	8	7	20.72	20.63	20.71				
3	QPSK	15	0	20.62	20.65	20.67	22	0		
3	16QAM	1	0	20.70	20.68	20.60				
3	16QAM	1	8	20.61	20.72	20.68				
3	16QAM	1	14	20.55	20.67	20.74	22	0		
3	16QAM	8	0	20.72	20.84	20.65				
3	16QAM	8	4	20.71	20.65	20.66				
3	16QAM	8	7	20.61	20.67	20.68	22	0		
3	16QAM	15	0	20.70	20.66	20.65				
3	64QAM	1	0	20.72	20.76	20.71				
3	64QAM	1	8	20.54	20.63	20.64	22	0		
3	64QAM	1	14	20.66	20.68	20.74				
3	64QAM	8	0	20.31	20.31	20.39				
3	64QAM	8	4	20.31	20.31	20.38	21.5	0.5		
3	64QAM	8	7	20.36	20.25	20.18				
3	64QAM	15	0	20.28	20.33	20.33				
Channel				18607	18900	19193	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	1880	1909.3				
1.4	QPSK	1	0	20.78	20.76	20.72	22	0		
1.4	QPSK	1	3	20.55	20.66	20.62				
1.4	QPSK	1	5	20.67	20.74	20.58				
1.4	QPSK	3	0	20.73	20.88	20.73	22	0		
1.4	QPSK	3	1	20.63	20.76	20.62				
1.4	QPSK	3	3	20.70	20.70	20.63				
1.4	QPSK	6	0	20.65	20.63	20.65	22	0		
1.4	16QAM	1	0	20.64	20.62	20.65				
1.4	16QAM	1	3	20.59	20.68	20.63				
1.4	16QAM	1	5	20.61	20.66	20.79	22	0		
1.4	16QAM	3	0	20.69	20.76	20.75				
1.4	16QAM	3	1	20.67	20.72	20.61				
1.4	16QAM	3	3	20.62	20.70	20.71	22	0		
1.4	64QAM	1	0	20.64	20.76	20.57				
1.4	64QAM	1	3	20.63	20.83	20.76				
1.4	64QAM	1	5	20.73	20.75	20.64	22	0		
1.4	64QAM	3	0	20.68	20.73	20.60				
1.4	64QAM	3	1	20.66	20.75	20.60				
1.4	64QAM	3	3	20.65	20.70	20.63	21.5	0.5		
1.4	64QAM	6	0	20.55	20.51	20.30				

Band 4_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Time-up limit (dBm)	MPR (dB)		
Channel				20050	20175	20300	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1720	1732.5	1745				
20	QPSK	1	0	23.25	23.30	23.27	24.5	0		
20	QPSK	1	49	23.22	23.26	23.26				
20	QPSK	1	99	23.11	23.15	23.22				
20	QPSK	50	0	22.29	22.31	22.27	23.5	1		
20	QPSK	50	24	22.27	22.22	22.25				
20	QPSK	50	50	22.21	22.19	22.26				
20	QPSK	100	0	22.24	22.29	22.26	23.5	1		
20	16QAM	1	0	22.52	22.53	22.49				
20	16QAM	1	49	22.53	22.51	22.48				
20	16QAM	1	99	22.44	22.36	22.50	22.5	2		
20	16QAM	50	0	21.23	21.20	21.21				
20	16QAM	50	24	21.26	21.19	21.26				
20	16QAM	50	50	21.22	21.18	21.24	22.5	2		
20	16QAM	100	0	21.22	21.18	21.24				
20	64QAM	1	0	21.34	21.45	21.41				
20	64QAM	1	49	21.42	21.43	21.46	22.5	2		
20	64QAM	1	99	21.27	21.25	21.42				
20	64QAM	50	0	20.24	20.22	20.21				
20	64QAM	50	24	20.27	20.21	20.27	21.5	3		
20	64QAM	50	50	20.19	20.19	20.27				
20	64QAM	100	0	20.23	20.19	20.25				
Channel				20025	20175	20325	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1732.5	1747.5				
15	QPSK	1	0	23.15	23.16	23.22	24.5	0		
15	QPSK	1	37	23.09	23.16	23.13				
15	QPSK	1	74	23.10	23.03	23.12				
15	QPSK	36	0	22.22	22.17	22.17	23.5	1		
15	QPSK	36	20	22.12	22.19	22.24				
15	QPSK	36	39	22.11	22.06	22.15				
15	QPSK	75	0	22.09	22.21	22.25	23.5	1		
15	16QAM	1	0	22.49	22.41	22.34				
15	16QAM	1	37	22.39	22.49	22.40				
15	16QAM	1	74	22.40	22.30	22.42	22.5	2		
15	16QAM	36	0	21.12	21.05	21.15				
15	16QAM	36	20	21.16	21.05	21.19				
15	16QAM	36	39	21.09	21.13	21.13	22.5	2		
15	16QAM	75	0	21.13	21.10	21.20				
15	64QAM	1	0	21.27	21.39	21.28				
15	64QAM	1	37	21.30	21.38	21.37	22.5	2		
15	64QAM	1	74	21.13	21.21	21.33				
15	64QAM	36	0	20.17	20.18	20.07				
15	64QAM	36	20	20.26	20.20	20.26	21.5	3		
15	64QAM	36	39	20.11	20.05	20.21				
15	64QAM	75	0	20.20	20.08	20.20				
Channel				20000	20175	20300	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1732.5	1750				
10	QPSK	1	0	23.14	23.18	23.18	24.5	0		
10	QPSK	1	25	23.07	23.12	23.19				
10	QPSK	1	49	23.06	23.07	23.19				
10	QPSK	25	0	22.16	22.21	22.21	23.5	1		
10	QPSK	25	12	22.14	22.11	22.19				
10	QPSK	25	25	22.14	22.14	22.18				
10	QPSK	50	0	22.16	22.14	22.14	23.5	1		
10	16QAM	1	0	22.39	22.43	22.38				
10	16QAM	1	25	22.51	22.47	22.42				
10	16QAM	1	49	22.37	22.34	22.47	22.5	2		
10	16QAM	25	0	21.18	21.19	21.07				
10	16QAM	25	12	21.15	21.09	21.17				
10	16QAM	25	25	21.17	21.13	21.25	22.5	2		
10	16QAM	50	0	21.17	21.14	21.20				
10	64QAM	1	0	21.25	21.33	21.30				
10	64QAM	1	25	21.38	21.36	21.40	22.5	2		
10	64QAM	1	49	21.17	21.13	21.29				
10	64QAM	25	0	20.13	20.08	20.06				
10	64QAM	25	12	20.23	20.07	20.25	21.5	3		
10	64QAM	25	25	20.17	20.07	20.21				
10	64QAM	50	0	20.15	20.05	20.19				
Channel				19975	20175	20375	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1732.5	1752.5				
5	QPSK	1	0	23.18	23.18	23.24	24.5	0		
5	QPSK	1	12	23.09	23.18	23.07				
5	QPSK	1	24	23.06	23.00	23.10				
5	QPSK	12	0	22.14	22.24	22.16	23.5	1		
5	QPSK	12	7	22.20	22.16	22.14				
5	QPSK	12	13	22.18	22.15	22.21				
5	QPSK	25	0	22.23	22.28	22.14	23.5	1		
5	16QAM	1	0	22.40	22.41	22.35				
5	16QAM	1	12	22.50	22.37	22.34				
5	16QAM	1	24	22.33	22.35	22.45	22.5	2		
5	16QAM	12	0	21.17	21.06	21.16				
5	16QAM	12	7	21.17	21.07	21.21				
5	16QAM	12	13	21.16	21.07	21.25	22.5	2		
5	16QAM	25	0	21.13	21.05	21.09				
5	64QAM	1	0	21.20	21.39	21.40				
5	64QAM	1	12	21.31	21.36	21.45	22.5	2		
5	64QAM	1	24	21.25	21.11	21.33				
5	64QAM	12	0	20.14	20.20	20.14				
5	64QAM	12	7	20.16	20.11	20.14	21.5	3		
5	64QAM	12	13	20.13	20.16	20.25				
5	64QAM	25	0	20.11	20.11	20.23				
Channel				19965	20175	20365	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1732.5	1754.3				
1.4	QPSK	1	0	23.15	23.22	23.17	24.5	0		
1.4	QPSK	1	3	23.20	23.23	23.16				
1.4	QPSK	1	5	22.98	23.12	23.18				
1.4	QPSK	3	0	23.14	23.25	23.25	23.5	1		
1.4	QPSK	3	1	23.07	23.24	23.19				
1.4	QPSK	3	3	23.01	23.08	23.21				
1.4	QPSK	6	0	22.12	22.26	22.22	23.5	1		
1.4	16QAM	1	0	22.40	22.38	22.36				
1.4	16QAM	1	3	22.48	22.39	22.38				
1.4	16QAM	1	5	22.40	22.35	22.45	23.5	1		
1.4	16QAM	3	0	22.38	22.39	22.46				
1.4	16QAM	3	1	22.51	22.40	22.47				
1.4	16QAM	3	3	22.43	22.30	22.48	22.5	2		
1.4	16QAM	6	0	21.21	21.14	21.14				
1.4	64QAM	1	0	21.33	21.38	21.36				
1.4	64QAM	1	3	21.29	21.37	21.41	22.5	2		
1.4	64QAM	1	5	21.16	21.13	21.26				
1.4	64QAM	3	0	21.22	21.43	21.38				
1.4	64QAM	3	1	21.40	21.28	21.39	21.5	3		
1.4	64QAM	3	3	21.21	21.21	21.36				
1.4	64QAM	6	0	20.16	20.11	20.22				

Band 5_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	25	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.78	23.87	23.86			
10	QPSK	1	25	23.66	23.74	23.53			
10	QPSK	1	49	23.70	23.82	23.74	24	1	
10	QPSK	25	0	22.64	22.77	22.74			
10	QPSK	25	12	22.83	22.87	22.72			
10	QPSK	25	25	22.83	22.89	22.70			
10	QPSK	50	0	22.87	22.75	22.73	24	1	
10	16QAM	1	0	22.74	22.93	22.97			
10	16QAM	1	25	22.74	22.74	23.02			
10	16QAM	1	49	22.71	23.00	22.97			
10	16QAM	25	0	21.66	21.63	21.74	23	2	
10	16QAM	25	12	21.60	21.71	21.89			
10	16QAM	25	25	21.80	21.78	21.71			
10	16QAM	50	0	21.62	21.73	21.71			
10	64QAM	1	0	21.93	22.06	21.96	23	2	
10	64QAM	1	25	21.85	21.77	21.95			
10	64QAM	1	49	21.84	21.98	21.81			
10	64QAM	25	0	20.60	20.73	20.66			
10	64QAM	25	12	20.52	20.62	20.89	22	3	
10	64QAM	25	25	20.66	20.68	20.81			
10	64QAM	50	0	20.63	20.68	20.74			
Channel				20425	20525	20625	25	0	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.75	23.85	23.83			
5	QPSK	1	12	23.54	23.73	23.39			
5	QPSK	1	24	23.65	23.77	23.62	24	1	
5	QPSK	12	0	22.60	22.72	22.61			
5	QPSK	12	7	22.51	22.56	22.71			
5	QPSK	12	13	22.55	22.62	22.62			
5	QPSK	25	0	22.56	22.62	22.86	24	1	
5	16QAM	1	0	22.67	22.80	22.91			
5	16QAM	1	12	22.61	22.62	22.93			
5	16QAM	1	24	22.67	22.90	22.86			
5	16QAM	12	0	21.65	21.54	21.72	23	2	
5	16QAM	12	7	21.56	21.64	21.85			
5	16QAM	12	13	21.57	21.73	21.70			
5	16QAM	25	0	21.61	21.66	21.58			
5	64QAM	1	0	21.89	22.01	21.87	23	2	
5	64QAM	1	12	21.75	21.69	21.94			
5	64QAM	1	24	21.72	21.93	21.76			
5	64QAM	12	0	20.49	20.67	20.60			
5	64QAM	12	7	20.46	20.50	20.58	22	3	
5	64QAM	12	13	20.57	20.55	20.72			
5	64QAM	25	0	20.68	20.62	20.74			
Channel				20415	20525	20635	25	0	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	23.74	23.81	23.76			
3	QPSK	1	8	23.52	23.66	23.39			
3	QPSK	1	14	23.61	23.69	23.70	24	1	
3	QPSK	8	0	22.67	22.76	22.71			
3	QPSK	8	4	22.62	22.59	22.69			
3	QPSK	8	7	22.60	22.61	22.89			
3	QPSK	15	0	22.59	22.73	22.64	24	1	
3	16QAM	1	0	22.62	22.89	22.88			
3	16QAM	1	8	22.72	22.68	22.97			
3	16QAM	1	14	22.68	22.88	22.91			
3	16QAM	8	0	21.65	21.57	21.63	23	2	
3	16QAM	8	4	21.48	21.63	21.63			
3	16QAM	8	7	21.59	21.64	21.64			
3	16QAM	15	0	21.53	21.61	21.56			
3	64QAM	1	0	21.80	21.95	21.95	23	2	
3	64QAM	1	8	21.78	21.69	21.88			
3	64QAM	1	14	21.70	21.85	21.70			
3	64QAM	8	0	20.49	20.66	20.51			
3	64QAM	8	4	20.42	20.48	20.57	22	3	
3	64QAM	8	7	20.63	20.65	20.73			
3	64QAM	15	0	20.68	20.59	20.65			
Channel				20407	20525	20643	25	0	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.69	23.72	23.84			
1.4	QPSK	1	3	23.51	23.71	23.45			
1.4	QPSK	1	5	23.57	23.77	23.65	24	1	
1.4	QPSK	3	0	23.71	23.80	23.85			
1.4	QPSK	3	1	23.63	23.68	23.45			
1.4	QPSK	3	3	23.69	23.70	23.73			
1.4	QPSK	6	0	22.58	22.61	22.85	24	1	
1.4	16QAM	1	0	22.73	22.91	22.88			
1.4	16QAM	1	3	22.64	22.59	23.00			
1.4	16QAM	1	5	22.66	22.86	22.84			
1.4	16QAM	3	0	22.73	22.86	22.87	23	2	
1.4	16QAM	3	1	22.64	22.71	23.01			
1.4	16QAM	3	3	22.59	22.86	22.86			
1.4	16QAM	6	0	21.57	21.64	21.67			
1.4	64QAM	1	0	21.92	21.93	21.87	23	2	
1.4	64QAM	1	3	21.82	21.73	21.92			
1.4	64QAM	1	5	21.80	21.92	21.80			
1.4	64QAM	3	0	21.49	21.75	21.69			
1.4	64QAM	3	1	21.53	21.69	21.70	22	3	
1.4	64QAM	3	3	21.58	21.99	21.97			
1.4	64QAM	6	0	20.60	20.59	20.77			

Band 5_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	25	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.63	23.66	23.64			
10	QPSK	1	25	23.49	23.44	23.50			
10	QPSK	1	49	23.47	23.61	23.57	24	1	
10	QPSK	25	0	22.58	22.63	22.55			
10	QPSK	25	12	22.54	22.49	22.50			
10	QPSK	25	25	22.55	22.56	22.47			
10	QPSK	50	0	22.61	22.60	22.52	24	1	
10	16QAM	1	0	22.85	23.05	22.80			
10	16QAM	1	25	22.71	22.81	23.01			
10	16QAM	1	49	22.88	22.87	22.93			
10	16QAM	25	0	21.57	21.47	21.60	23	2	
10	16QAM	25	12	21.62	21.42	21.64			
10	16QAM	25	25	21.61	21.48	21.61			
10	16QAM	50	0	21.61	21.46	21.61			
10	64QAM	1	0	21.75	21.87	21.80	23	2	
10	64QAM	1	25	21.76	21.60	21.66			
10	64QAM	1	49	21.62	21.68	21.94			
10	64QAM	25	0	20.50	20.53	20.61			
10	64QAM	25	12	20.49	20.48	20.48	22	3	
10	64QAM	25	25	20.52	20.58	20.52			
10	64QAM	50	0	20.51	20.51	20.61			
Channel				20425	20525	20625	25 <th colspan="2" rowspan="4">0</th>	0	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.51	23.64	23.58			
5	QPSK	1	12	23.41	23.42	23.42			
5	QPSK	1	24	23.32	23.59	23.52	24	1	
5	QPSK	12	0	22.48	22.58	22.40			
5	QPSK	12	7	22.52	22.48	22.45			
5	QPSK	12	13	22.40	22.54	22.33			
5	QPSK	25	0	22.54	22.57	22.49	24	1	
5	16QAM	1	0	22.84	23.03	22.66			
5	16QAM	1	12	22.58	22.71	22.90			
5	16QAM	1	24	22.80	22.84	22.92	23	2	
5	16QAM	12	0	21.49	21.48	21.53			
5	16QAM	12	7	21.58	21.30	21.53			
5	16QAM	12	13	21.53	21.41	21.61	23	2	
5	16QAM	25	0	21.58	21.39	21.48			
5	64QAM	1	0	21.63	21.85	21.75			
5	64QAM	1	12	21.61	21.75	21.84	23	2	
5	64QAM	1	24	21.48	21.59	21.85			
5	64QAM	12	0	20.40	20.40	20.48			
5	64QAM	12	7	20.34	20.36	20.36	22	3	
5	64QAM	12	13	20.40	20.56	20.41			
5	64QAM	25	0	20.42	20.50	20.55			
Channel				20415	20525	20635	25 <th colspan="2" rowspan="4">0</th>	0	
Frequency (MHz)				824.5	836.5	847.5			
3	QPSK	1	0	23.54	23.64	23.61			
3	QPSK	1	8	23.35	23.41	23.40			
3	QPSK	1	14	23.47	23.53	23.48	24	1	
3	QPSK	8	0	22.53	22.61	22.42			
3	QPSK	8	4	22.43	22.44	22.40			
3	QPSK	8	7	22.41	22.52	22.40			
3	QPSK	15	0	22.54	22.56	22.44	24	1	
3	16QAM	1	0	22.80	22.93	22.73			
3	16QAM	1	8	22.70	22.78	22.89			
3	16QAM	1	14	22.77	22.83	22.83	23	2	
3	16QAM	8	0	21.53	21.37	21.48			
3	16QAM	8	4	21.57	21.39	21.53			
3	16QAM	8	7	21.53	21.37	21.57	23	2	
3	16QAM	15	0	21.59	21.31	21.46			
3	64QAM	1	0	21.63	21.78	21.79			
3	64QAM	1	8	21.65	21.53	21.55	23	2	
3	64QAM	1	14	21.55	21.61	21.88			
3	64QAM	8	0	20.38	20.41	20.60			
3	64QAM	8	7	20.49	20.47	20.48	22	3	
3	64QAM	15	0	20.43	20.42	20.48			
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.57	23.56	23.57			
1.4	QPSK	1	3	23.46	23.42	23.40			
1.4	QPSK	1	5	23.37	23.51	23.43	25	0	
1.4	QPSK	3	0	23.35	23.40	23.54			
1.4	QPSK	3	3	23.45	23.29	23.49			
1.4	QPSK	3	3	23.48	23.54	23.45			
1.4	QPSK	6	0	22.43	22.47	22.39	24	1	
1.4	16QAM	1	0	22.78	22.96	22.67			
1.4	16QAM	1	3	22.60	22.69	22.89			
1.4	16QAM	1	5	22.87	22.79	22.87	24	1	
1.4	16QAM	3	0	22.80	23.02	22.77			
1.4	16QAM	3	1	22.66	22.78	22.90			
1.4	16QAM	3	3	22.74	22.72	22.86	23	2	
1.4	64QAM	1	0	21.71	21.77	21.67			
1.4	64QAM	1	3	21.62	21.53	21.63			
1.4	64QAM	1	5	21.57	21.67	21.83	23	2	
1.4	64QAM	3	0	21.61	21.85	21.68			
1.4	64QAM	3	1	21.85	21.62	21.57			
1.4	64QAM	3	3	21.68	21.54	21.91	22	2	
1.4	64QAM	5	0	20.45	20.42	20.50			

Band 7_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	20.47	20.50	20.42	22	0		
20	QPSK	1	49	20.44	20.38	20.34				
20	QPSK	1	99	20.35	20.48	20.32				
20	QPSK	50	0	20.39	20.48	20.45	22	0		
20	QPSK	50	24	20.36	20.41	20.35				
20	QPSK	50	50	20.35	20.47	20.35				
20	QPSK	100	0	20.36	20.42	20.33	22	0		
20	16QAM	1	0	20.40	20.41	20.28				
20	16QAM	1	49	20.41	20.24	20.24				
20	16QAM	1	99	20.29	20.37	20.28	22	0		
20	16QAM	50	0	20.32	20.38	20.33				
20	16QAM	50	24	20.21	20.27	20.23				
20	16QAM	50	50	20.24	20.44	20.20	22	0		
20	16QAM	100	0	20.35	20.30	20.26				
20	64QAM	1	0	20.35	20.48	20.28				
20	64QAM	1	49	20.34	20.23	20.24	22	0		
20	64QAM	1	99	20.21	20.47	20.28				
20	64QAM	50	0	19.96	20.03	19.93				
20	64QAM	50	24	19.96	20.01	19.96	21.5	0.5		
20	64QAM	50	50	19.96	20.04	20.00				
20	64QAM	100	0	19.95	20.03	19.96				
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	20.38	20.46	20.30	22	0		
15	QPSK	1	37	20.39	20.36	20.23				
15	QPSK	1	74	20.28	20.35	20.27				
15	QPSK	36	0	20.29	20.41	20.34	22	0		
15	QPSK	36	20	20.29	20.30	20.20				
15	QPSK	36	39	20.32	20.45	20.26				
15	QPSK	75	0	20.23	20.39	20.31	22	0		
15	16QAM	1	0	20.34	20.33	20.22				
15	16QAM	1	37	20.30	20.18	20.15				
15	16QAM	1	74	20.27	20.27	20.17	22	0		
15	16QAM	36	0	20.26	20.34	20.27				
15	16QAM	36	20	20.19	20.21	20.20				
15	16QAM	36	39	20.20	20.29	20.28	22	0		
15	16QAM	75	0	20.25	20.26	20.17				
15	64QAM	1	0	20.30	20.34	20.22				
15	64QAM	1	37	20.27	20.21	20.21	22	0		
15	64QAM	1	74	20.07	20.38	20.15				
15	64QAM	36	0	19.91	19.92	19.89				
15	64QAM	36	20	19.84	19.89	19.81	21.5	0.5		
15	64QAM	36	39	19.87	19.85	19.86				
15	64QAM	75	0	19.98	19.87	19.86				
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	20.34	20.46	20.30	22	0		
10	QPSK	1	25	20.32	20.36	20.21				
10	QPSK	1	49	20.20	20.44	20.17				
10	QPSK	25	0	20.34	20.33	20.26	22	0		
10	QPSK	25	12	20.25	20.27	20.29				
10	QPSK	25	25	20.28	20.43	20.30				
10	QPSK	50	0	20.25	20.37	20.30	22	0		
10	16QAM	1	0	20.37	20.36	20.23				
10	16QAM	1	25	20.38	20.15	20.12				
10	16QAM	1	49	20.15	20.22	20.23	22	0		
10	16QAM	25	0	20.27	20.27	20.21				
10	16QAM	25	12	20.06	20.21	20.20				
10	16QAM	25	25	20.15	20.34	20.23	22	0		
10	16QAM	50	0	20.24	20.21	20.16				
10	64QAM	1	0	20.21	20.46	20.25				
10	64QAM	1	25	20.22	20.21	20.19	22	0		
10	64QAM	1	49	20.15	20.39	20.23				
10	64QAM	25	0	19.96	19.85	19.84				
10	64QAM	25	12	19.83	19.83	19.85	21.5	0.5		
10	64QAM	25	25	19.87	19.83	19.85				
10	64QAM	50	0	19.94	19.82	19.87				
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	20.36	20.49	20.32	22	0		
5	QPSK	1	12	20.29	20.23	20.26				
5	QPSK	1	24	20.31	20.38	20.29				
5	QPSK	12	0	20.33	20.44	20.30	22	0		
5	QPSK	12	7	20.33	20.28	20.28				
5	QPSK	12	13	20.21	20.39	20.27				
5	QPSK	25	0	20.23	20.27	20.23	22	0		
5	16QAM	1	0	20.34	20.33	20.21				
5	16QAM	1	12	20.31	20.10	20.22				
5	16QAM	1	24	20.18	20.33	20.22	22	0		
5	16QAM	12	0	20.25	20.34	20.26				
5	16QAM	12	7	20.07	20.17	20.18				
5	16QAM	12	13	20.10	20.37	20.20	22	0		
5	16QAM	25	0	20.30	20.17	20.17				
5	64QAM	1	0	20.24	20.34	20.19				
5	64QAM	1	12	20.19	20.16	20.17	22	0		
5	64QAM	1	24	20.11	20.45	20.14				
5	64QAM	12	0	20.02	19.88	19.81				
5	64QAM	12	7	20.00	19.84	19.85	21.5	0.5		
5	64QAM	12	13	19.91	19.85	19.87				
5	64QAM	25	0	19.83	19.86	19.90				

Band 7_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	23.75	23.86	23.77	24.5	0		
20	QPSK	1	49	23.69	23.77	23.70				
20	QPSK	1	99	23.72	23.85	23.71				
20	QPSK	50	0	22.73	22.79	22.76	23.5	1		
20	QPSK	50	24	22.66	22.74	22.73				
20	QPSK	50	50	22.89	22.77	22.71				
20	QPSK	100	0	22.67	22.78	22.69	23.5	1		
20	16QAM	1	0	22.82	22.90	22.95				
20	16QAM	1	49	22.86	22.91	22.85				
20	16QAM	1	99	22.79	23.10	23.13	22.5	2		
20	16QAM	50	0	21.59	21.79	21.72				
20	16QAM	50	24	21.66	21.75	21.69				
20	16QAM	50	50	21.66	21.75	21.71	22.5	2		
20	16QAM	100	0	21.66	21.73	21.71				
20	64QAM	1	0	21.80	22.08	22.05				
20	64QAM	1	49	21.77	21.91	21.85	21.5	3		
20	64QAM	1	99	21.80	21.93	22.13				
20	64QAM	50	0	20.61	20.76	20.76				
20	64QAM	50	24	20.68	20.82	20.71	21.5	3		
20	64QAM	50	50	20.71	20.80	20.70				
20	64QAM	100	0	20.67	20.78	20.72				
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2562.5				
15	QPSK	1	0	23.67	23.79	23.76	24.5	0		
15	QPSK	1	37	23.59	23.65	23.69				
15	QPSK	1	74	23.64	23.70	23.67				
15	QPSK	36	0	22.67	22.70	22.67	23.5	1		
15	QPSK	36	20	22.65	22.66	22.71				
15	QPSK	36	39	22.66	22.69	22.70				
15	QPSK	75	0	22.58	22.75	22.60	23.5	1		
15	16QAM	1	0	22.67	22.68	22.68				
15	16QAM	1	37	22.83	22.80	22.76				
15	16QAM	1	74	22.70	23.03	23.11	22.5	2		
15	16QAM	36	0	21.50	21.71	21.64				
15	16QAM	36	20	21.61	21.63	21.60				
15	16QAM	36	39	21.62	21.68	21.58	21.5	3		
15	16QAM	75	0	21.60	21.71	21.59				
15	64QAM	1	0	21.69	22.05	22.01				
15	64QAM	1	37	21.73	21.86	21.73	22.5	2		
15	64QAM	1	74	21.67	21.78	22.06				
15	64QAM	36	0	20.57	20.69	20.67				
15	64QAM	36	20	20.58	20.81	20.56	21.5	3		
15	64QAM	36	39	20.56	20.77	20.69				
15	64QAM	75	0	20.51	20.74	20.62				
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	23.65	23.79	23.72	24.5	0		
10	QPSK	1	25	23.62	23.76	23.63				
10	QPSK	1	49	23.64	23.70	23.70				
10	QPSK	25	0	22.62	22.66	22.72	23.5	1		
10	QPSK	25	12	22.57	22.67	22.64				
10	QPSK	25	25	22.64	22.63	22.69				
10	QPSK	50	0	22.54	22.73	22.64	23.5	1		
10	16QAM	1	0	22.75	22.88	22.77				
10	16QAM	1	25	22.80	22.80	22.88				
10	16QAM	1	49	22.71	22.89	22.95	22.5	2		
10	16QAM	25	0	21.52	21.73	21.65				
10	16QAM	25	12	21.56	21.64	21.57				
10	16QAM	25	25	21.62	21.67	21.68	21.5	3		
10	16QAM	50	0	21.51	21.67	21.70				
10	64QAM	1	0	21.72	21.98	21.90				
10	64QAM	1	25	21.67	21.81	21.84	22.5	2		
10	64QAM	1	49	21.67	21.81	22.06				
10	64QAM	25	0	20.48	20.74	20.74				
10	64QAM	25	12	20.65	20.73	20.69	21.5	3		
10	64QAM	25	25	20.60	20.72	20.62				
10	64QAM	50	0	20.62	20.72	20.65				
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	23.60	23.85	23.65	24.5	0		
5	QPSK	1	12	23.57	23.74	23.62				
5	QPSK	1	24	23.66	23.84	23.68				
5	QPSK	12	0	22.62	22.66	22.67	23.5	1		
5	QPSK	12	7	22.62	22.69	22.72				
5	QPSK	12	13	22.63	22.66	22.59				
5	QPSK	25	0	22.56	22.65	22.65	23.5	1		
5	16QAM	1	0	22.73	22.81	22.89				
5	16QAM	1	12	22.75	22.84	22.72				
5	16QAM	1	24	22.74	22.99	22.99	22.5	2		
5	16QAM	12	0	21.55	21.65	21.67				
5	16QAM	12	7	21.57	21.64	21.58				
5	16QAM	12	13	21.61	21.67	21.65	21.5	3		
5	16QAM	25	0	21.52	21.62	21.60				
5	64QAM	1	0	21.70	22.04	21.98				
5	64QAM	1	12	21.64	21.82	21.77	22.5	2		
5	64QAM	1	24	21.70	21.88	22.01				
5	64QAM	12	0	20.59	20.64	20.62				
5	64QAM	12	7	20.57	20.68	20.67	21.5	3		
5	64QAM	12	13	20.57	20.65	20.67				
5	64QAM	25	0	20.52	20.73	20.68				

Band 12_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130	24.5	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.43	23.50	23.45			
10	QPSK	1	25	23.22	23.39	23.29			
10	QPSK	1	49	23.41	23.47	23.22			
10	QPSK	25	0	22.26	22.30	22.25	23.5	1	
10	QPSK	25	12	22.21	22.20	22.22			
10	QPSK	25	25	22.24	22.28	22.22			
10	QPSK	50	0	22.23	22.27	22.24			
10	16QAM	1	0	22.52	22.37	22.60			
10	16QAM	1	25	22.42	22.32	22.35	23.5	1	
10	16QAM	1	49	22.66	22.55	22.61			
10	16QAM	25	0	21.24	21.18	21.20			
10	16QAM	25	12	21.14	21.26	21.16			
10	16QAM	25	25	21.18	21.36	21.25			
10	16QAM	50	0	21.17	21.24	21.23	22.5	2	
10	64QAM	1	0	21.25	21.36	21.22			
10	64QAM	1	25	21.53	21.35	21.40			
10	64QAM	1	49	21.50	21.39	21.35			
10	64QAM	25	0	20.19	20.28	20.21			
10	64QAM	25	12	20.25	20.21	20.31	21.5	3	
10	64QAM	25	25	20.27	20.37	20.23			
10	64QAM	50	0	20.29	20.25	20.23			
Channel				23035	23095	23155	24.5	0	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.38	23.37	23.38			
5	QPSK	1	12	23.06	23.28	23.15			
5	QPSK	1	24	23.31	23.38	23.19			
5	QPSK	12	0	22.26	22.28	22.21	23.5	1	
5	QPSK	12	7	22.07	22.19	22.07			
5	QPSK	12	13	22.12	22.23	22.16			
5	QPSK	25	0	22.17	22.24	22.16			
5	16QAM	1	0	22.37	22.28	22.56			
5	16QAM	1	12	22.37	22.17	22.33	23.5	1	
5	16QAM	1	24	22.59	22.45	22.59			
5	16QAM	12	0	21.14	21.04	21.11			
5	16QAM	12	7	21.02	21.14	21.14			
5	16QAM	12	13	21.09	21.25	21.13			
5	16QAM	25	0	21.06	21.19	21.16	22.5	2	
5	64QAM	1	0	21.13	21.29	21.08			
5	64QAM	1	12	21.38	21.31	21.25			
5	64QAM	1	24	21.47	21.29	21.34			
5	64QAM	12	0	20.11	20.23	20.19			
5	64QAM	12	7	20.19	20.13	20.27	21.5	3	
5	64QAM	12	13	20.20	20.26	20.16			
5	64QAM	25	0	20.20	20.22	20.08			
Channel				23025	23095	23165	24.5	0	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	23.40	23.49	23.35			
3	QPSK	1	8	23.16	23.31	23.21			
3	QPSK	1	14	23.36	23.45	23.21			
3	QPSK	8	0	22.19	22.25	22.19	23.5	1	
3	QPSK	8	4	22.06	22.09	22.11			
3	QPSK	8	7	22.14	22.22	22.16			
3	QPSK	15	0	22.09	22.19	22.20			
3	16QAM	1	0	22.51	22.30	22.59			
3	16QAM	1	8	22.35	22.25	22.28	23.5	1	
3	16QAM	1	14	22.53	22.48	22.54			
3	16QAM	8	0	21.14	21.09	21.06			
3	16QAM	8	4	21.09	21.14	21.16			
3	16QAM	8	7	21.03	21.30	21.11			
3	16QAM	15	0	21.12	21.14	21.22	22.5	2	
3	64QAM	1	0	21.21	21.35	21.09			
3	64QAM	1	8	21.46	21.22	21.39			
3	64QAM	1	14	21.38	21.34	21.29			
3	64QAM	8	0	20.11	20.18	20.17			
3	64QAM	8	4	20.16	20.10	20.27	21.5	3	
3	64QAM	8	7	20.19	20.35	20.20			
3	64QAM	15	0	20.16	20.17	20.22			
Channel				23017	23095	23173	24.5	0	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.32	23.45	23.37			
1.4	QPSK	1	3	23.16	23.26	23.17			
1.4	QPSK	1	5	23.38	23.40	23.21			
1.4	QPSK	3	0	23.39	23.42	23.42	23.5	1	
1.4	QPSK	3	1	23.20	23.28	23.17			
1.4	QPSK	3	3	23.36	23.40	23.39			
1.4	QPSK	6	0	22.20	22.18	22.20			
1.4	16QAM	1	0	22.45	22.28	22.55			
1.4	16QAM	1	3	22.30	22.26	22.30	23.5	1	
1.4	16QAM	1	5	22.58	22.51	22.46			
1.4	16QAM	3	0	22.46	22.25	22.46			
1.4	16QAM	3	1	22.33	22.26	22.26			
1.4	16QAM	3	3	22.62	22.48	22.46			
1.4	16QAM	6	0	21.11	21.11	21.10	22.5	2	
1.4	64QAM	1	0	21.19	21.27	21.19			
1.4	64QAM	1	3	21.42	21.21	21.29			
1.4	64QAM	1	5	21.43	21.30	21.25			
1.4	64QAM	3	0	21.13	21.32	21.14			
1.4	64QAM	3	1	21.38	21.20	21.27	21.5	3	
1.4	64QAM	3	3	21.36	21.35	21.24			
1.4	64QAM	6	0	20.22	20.22	20.19			

Band 12_Ant 4												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				23060	23095	23130	24.5	0				
Frequency (MHz)				704	707.5	711						
10	QPSK	1	0	23.66	23.72	23.60						
10	QPSK	1	25	23.60	23.64	23.54						
10	QPSK	1	49	23.62	23.43	23.38						
10	QPSK	25	0	22.55	22.60	22.53	23.5	1				
10	QPSK	25	12	22.51	22.52	22.51						
10	QPSK	25	25	22.53	22.56	22.45						
10	QPSK	50	0	22.53	22.58	22.47						
10	16QAM	1	0	22.95	22.83	22.99						
10	16QAM	1	25	22.94	22.69	22.70	23.5	1				
10	16QAM	1	49	22.99	22.76	22.64						
10	16QAM	25	0	21.52	21.64	21.46						
10	16QAM	25	12	21.43	21.53	21.43						
10	16QAM	25	25	21.60	21.54	21.44						
10	16QAM	50	0	21.56	21.56	21.44	22.5	2				
10	64QAM	1	0	21.75	21.73	21.87						
10	64QAM	1	25	21.85	21.90	21.77						
10	64QAM	1	49	21.71	21.69	21.84						
10	64QAM	25	0	20.53	20.50	20.49						
10	64QAM	25	12	20.58	20.52	20.48	21.5	3				
10	64QAM	25	25	20.51	20.49	20.49						
10	64QAM	50	0	20.53	20.52	20.46						
Channel				23035	23095	23155	24.5	0				
Frequency (MHz)				701.5	707.5	713.5						
5	QPSK	1	0	23.55	23.70	23.57						
5	QPSK	1	12	23.49	23.55	23.49						
5	QPSK	1	24	23.54	23.34	23.28						
5	QPSK	12	0	22.53	22.51	22.50	23.5	1				
5	QPSK	12	7	22.49	22.49	22.37						
5	QPSK	12	13	22.48	22.51	22.31						
5	QPSK	25	0	22.44	22.52	22.42						
5	16QAM	1	0	22.87	22.57	22.90						
5	16QAM	1	12	22.87	22.61	22.67	23.5	1				
5	16QAM	1	24	22.95	22.68	22.52						
5	16QAM	12	0	21.46	21.59	21.41						
5	16QAM	12	7	21.40	21.50	21.30	22.5	2				
5	16QAM	12	13	21.54	21.43	21.29						
5	16QAM	25	0	21.44	21.42	21.37						
5	64QAM	1	0	21.71	21.71	21.81	22.5	2				
5	64QAM	1	12	21.72	21.68	21.74						
5	64QAM	1	24	21.66	21.65	21.71						
5	64QAM	12	0	20.39	20.39	20.40						
5	64QAM	12	7	20.55	20.48	20.35						
5	64QAM	12	13	20.48	20.39	20.42	21.5	3				
5	64QAM	25	0	20.44	20.39	20.48						
Channel				23025	23095	23165						
Frequency (MHz)				700.5	707.5	714.5						
3	QPSK	1	0	23.58	23.63	23.68	24.5	0				
3	QPSK	1	8	23.53	23.59	23.44						
3	QPSK	1	14	23.59	23.35	23.27						
3	QPSK	8	0	22.43	22.29	22.48						
3	QPSK	8	4	22.46	22.42	22.35						
3	QPSK	8	7	22.49	22.55	22.45	23.5	1				
3	QPSK	16	0	22.48	22.49	22.40						
3	16QAM	1	0	22.91	22.57	22.96						
3	16QAM	1	8	22.91	22.65	22.68						
3	16QAM	1	14	22.93	22.66	22.55						
3	16QAM	8	0	21.47	21.53	21.43	22.5	2				
3	16QAM	8	4	21.42	21.46	21.39						
3	16QAM	8	7	21.55	21.43	21.41						
3	16QAM	15	0	21.49	21.50	21.39						
3	64QAM	1	0	21.64	21.67	21.81						
3	64QAM	1	8	21.81	21.83	21.74	22.5	2				
3	64QAM	1	14	21.68	21.66	21.83						
3	64QAM	8	0	20.43	20.46	20.43						
3	64QAM	8	4	20.48	20.48	20.34						
3	64QAM	8	7	20.43	20.41	20.43						
3	64QAM	15	0	20.40	20.49	20.35	21.5	3				
Channel				23017	23095	23173						
Frequency (MHz)				699.7	707.5	715.3						
1.4	QPSK	1	0	23.56	23.60	23.67				24.5	0	
1.4	QPSK	1	3	23.57	23.60	23.40						
1.4	QPSK	1	5	23.51	23.41	23.25						
1.4	QPSK	3	0	23.65	23.66	23.67						
1.4	QPSK	3	1	23.63	23.62	23.48						
1.4	QPSK	3	3	23.57	23.42	23.27	23.5	1				
1.4	QPSK	6	0	22.39	22.47	22.43						
1.4	16QAM	1	0	22.93	22.51	22.86						
1.4	16QAM	1	3	22.80	22.55	22.61						
1.4	16QAM	1	5	22.87	22.64	22.50						
1.4	16QAM	3	0	22.89	22.48	22.93	23.5	1				
1.4	16QAM	3	1	22.93	22.59	22.85						
1.4	16QAM	3	3	22.85	22.62	22.56						
1.4	16QAM	6	0	21.52	21.51	21.37						
1.4	64QAM	1	0	21.70	21.69	21.89						
1.4	64QAM	1	3	21.74	21.82	21.67	22.5	2				
1.4	64QAM	1	5	21.59	21.56	21.82						
1.4	64QAM	3	0	21.70	21.63	21.79						
1.4	64QAM	3	1	21.63	21.54	21.72						
1.4	64QAM	3	3	21.63	21.54	21.73						
1.4	64QAM	6	0	20.52	20.45	20.44	21.5	1				

Band 66_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Time-up limit (dBm)	MPR (dB)		
Channel				132072	132322	132572				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	23.40	23.45	23.44	24.5	0		
20	QPSK	1	49	23.34	23.35	23.42				
20	QPSK	1	99	23.12	23.24	23.26				
20	QPSK	50	0	22.36	22.42	22.40	23.5	1		
20	QPSK	50	24	22.30	22.33	22.35				
20	QPSK	50	50	22.28	22.28	22.36				
20	QPSK	100	0	22.32	22.40	22.38	23.5	1		
20	16QAM	1	0	22.59	22.48	22.65				
20	16QAM	1	49	22.64	22.57	22.64				
20	16QAM	1	99	22.42	22.45	22.47	23.5	1		
20	16QAM	50	0	21.28	21.33	21.45				
20	16QAM	50	24	21.29	21.33	21.42				
20	16QAM	50	50	21.25	21.29	21.35	22.5	2		
20	16QAM	100	0	21.23	21.30	21.39				
20	64QAM	1	0	21.40	21.38	21.55				
20	64QAM	1	49	21.40	21.51	21.52	22.5	2		
20	64QAM	1	99	21.31	21.38	21.46				
20	64QAM	50	0	20.30	20.34	20.49				
20	64QAM	50	24	20.32	20.34	20.44	21.5	3		
20	64QAM	50	50	20.29	20.30	20.38				
20	64QAM	100	0	20.25	20.31	20.41				
Channel				132047	132322	132597	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	23.38	23.38	23.30	24.5	0		
15	QPSK	1	37	23.27	23.31	23.31				
15	QPSK	1	74	23.04	23.10	23.15				
15	QPSK	36	0	22.23	22.33	22.26	23.5	1		
15	QPSK	36	20	22.19	22.21	22.33				
15	QPSK	36	36	22.14	22.13	22.23				
15	QPSK	75	0	22.28	22.37	22.23	23.5	1		
15	QPSK	75	0	22.28	22.37	22.23				
15	16QAM	1	0	22.56	22.35	22.53				
15	16QAM	1	37	22.63	22.43	22.58	23.5	1		
15	16QAM	1	74	22.33	22.36	22.46				
15	16QAM	36	0	21.14	21.30	21.44				
15	16QAM	36	20	21.23	21.27	21.33	22.5	2		
15	16QAM	36	39	21.13	21.14	21.26				
15	16QAM	75	0	21.22	21.26	21.38				
15	64QAM	1	0	21.33	21.34	21.52	22.5	2		
15	64QAM	1	37	21.26	21.47	21.38				
15	64QAM	1	74	21.29	21.36	21.33				
15	64QAM	36	0	20.19	20.32	20.43	21.5	3		
15	64QAM	36	20	20.29	20.20	20.38				
15	64QAM	36	39	20.26	20.25	20.34				
15	64QAM	75	0	20.21	20.23	20.33				
Channel				132022	132322	132622	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	23.39	23.31	23.37	24.5	0		
10	QPSK	1	25	23.21	23.33	23.29				
10	QPSK	1	49	23.10	23.14	23.16				
10	QPSK	25	0	22.29	22.37	22.27	23.5	1		
10	QPSK	25	12	22.18	22.22	22.23				
10	QPSK	25	25	22.19	22.25	22.31				
10	QPSK	50	0	22.20	22.30	22.34	23.5	1		
10	16QAM	1	0	22.46	22.34	22.51				
10	16QAM	1	25	22.56	22.50	22.63				
10	16QAM	1	49	22.33	22.42	22.40	23.5	1		
10	16QAM	25	0	21.19	21.24	21.36				
10	16QAM	25	12	21.19	21.28	21.37				
10	16QAM	25	25	21.16	21.26	21.35	22.5	2		
10	16QAM	50	0	21.26	21.22	21.25				
10	64QAM	1	0	21.30	21.23	21.52				
10	64QAM	1	25	21.26	21.41	21.43	22.5	2		
10	64QAM	1	49	21.30	21.27	21.43				
10	64QAM	25	0	20.20	20.32	20.37				
10	64QAM	25	12	20.23	20.29	20.34	21.5	3		
10	64QAM	25	25	20.21	20.28	20.32				
10	64QAM	50	0	20.14	20.28	20.37				
Channel				131997	132322	132647	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	23.35	23.39	23.32	24.5	0		
5	QPSK	1	12	23.29	23.27	23.36				
5	QPSK	1	24	23.00	23.12	23.11				
5	QPSK	12	0	22.24	22.33	22.26	23.5	1		
5	QPSK	12	7	22.21	22.31	22.26				
5	QPSK	12	13	22.17	22.18	22.25				
5	QPSK	25	0	22.17	22.32	22.23	23.5	1		
5	16QAM	1	0	22.54	22.35	22.61				
5	16QAM	1	12	22.59	22.44	22.58				
5	16QAM	1	24	22.37	22.42	22.40	23.5	1		
5	16QAM	12	0	21.25	21.29	21.44				
5	16QAM	12	7	21.24	21.19	21.28				
5	16QAM	12	13	21.24	21.21	21.29	22.5	2		
5	16QAM	25	0	21.21	21.27	21.24				
5	64QAM	1	0	21.26	21.34	21.49				
5	64QAM	1	12	21.27	21.36	21.45	22.5	2		
5	64QAM	1	24	21.20	21.27	21.32				
5	64QAM	12	0	20.20	20.25	20.35				
5	64QAM	12	7	20.29	20.27	20.29	21.5	3		
5	64QAM	12	13	20.21	20.28	20.32				
5	64QAM	25	0	20.10	20.21	20.29				
Channel				131987	132322	132657	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	23.27	23.41	23.40	24.5	0		
3	QPSK	1	8	23.32	23.20	23.36				
3	QPSK	1	14	22.99	23.17	23.22				
3	QPSK	8	0	22.31	22.32	22.34	23.5	1		
3	QPSK	8	4	22.18	22.29	22.34				
3	QPSK	8	7	22.24	22.13	22.35				
3	QPSK	15	0	22.20	22.31	22.22	23.5	1		
3	16QAM	1	0	22.48	22.45	22.54				
3	16QAM	1	8	22.49	22.48	22.51				
3	16QAM	1	14	22.40	22.37	22.48	23.5	1		
3	16QAM	8	0	21.22	21.19	21.39				
3	16QAM	8	4	21.14	21.22	21.37				
3	16QAM	8	7	21.15	21.18	21.32	22.5	2		
3	16QAM	15	0	21.14	21.18	21.33				
3	64QAM	1	0	21.32	21.24	21.49				
3	64QAM	1	8	21.26	21.45	21.43	22.5	2		
3	64QAM	1	14	21.16	21.31	21.45				
3	64QAM	8	0	20.29	20.33	20.47	21.5	3		
3	64QAM	8	4	20.34	20.30	20.33				
3	64QAM	8	7	20.24	20.19	20.33				
3	64QAM	15	0	20.28	20.25	20.36				
Channel				131979	132322	132685	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1745	1779.3				
1.4	QPSK	1	0	23.33	23.34	23.35	24.5	0		
1.4	QPSK	1	3	23.27	23.33	23.38				
1.4	QPSK	1	5	23.04	23.11	23.19				
1.4	QPSK	3	0	23.37	23.41	23.38	23.5	1		
1.4	QPSK	3	3	23.36	23.36	23.36				
1.4	QPSK	3	3	23.07	23.19	23.22				
1.4	QPSK	6	0	22.21	22.34	22.35	23.5	1		
1.4	16QAM	1	0	22.52	22.45	22.63				
1.4	16QAM	1	3	22.58	22.47	22.58				
1.4	16QAM	1	5	23.30	22.44	22.35	23.5	1		
1.4	16QAM	3	0	22.47	22.41	22.60				
1.4	16QAM	3	3	22.26	22.56	22.50				
1.4	16QAM	3	3	22.36	22.32	22.34	22.5	2		
1.4	16QAM	6	0	21.21	21.18	21.28				
1.4	64QAM	1	0	21.29	21.37	21.42				
1.4	64QAM	1	3	21.25	21.41	21.45	22.5	2		
1.4	64QAM	3	0	21.19	21.29	21.36				
1.4	64QAM	3	3	21.29	21.37	21.53				
1.4	64QAM	3	1	21.36	21.50	21.45	21.5	3		
1.4	64QAM	3	1	21.32	21.41	21.32				
1.4	64QAM	6	0	20.14	20.29	20.31				

LTE Band 71_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				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.38	23.41	23.24	24.5	0	
20	QPSK	1	49	23.21	23.24	23.20			
20	QPSK	1	99	23.16	23.22	23.22			
20	QPSK	50	0	22.35	22.39	22.29	23.5	1	
20	QPSK	50	24	22.29	22.29	22.25			
20	QPSK	50	50	22.33	22.23	22.24			
20	QPSK	100	0	22.31	22.34	22.29	23.5	1	
20	16QAM	1	0	22.53	22.52	22.53			
20	16QAM	1	49	22.48	22.44	22.48			
20	16QAM	1	99	22.49	22.54	22.56	22.5	2	
20	16QAM	50	0	21.35	21.21	21.23			
20	16QAM	50	24	21.27	21.26	21.27			
20	16QAM	50	50	21.34	21.20	21.25	22.5	2	
20	16QAM	100	0	21.35	21.22	21.25			
20	64QAM	1	0	21.42	21.44	21.46			
20	64QAM	1	49	21.34	21.45	21.35	22.5	2	
20	64QAM	1	99	21.40	21.49	21.51			
20	64QAM	50	0	20.34	20.23	20.22			
20	64QAM	50	24	20.28	20.31	20.29	21.5	3	
20	64QAM	50	50	20.35	20.31	20.27			
20	64QAM	100	0	20.36	20.26	20.24			
Channel				133197	133297	133397			
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.30	23.31	23.06	24.5	0	
15	QPSK	1	37	23.12	23.06	23.10			
15	QPSK	1	74	23.11	22.99	23.13			
15	QPSK	36	0	22.26	22.14	22.04	23.5	1	
15	QPSK	36	20	22.07	22.04	22.06			
15	QPSK	36	36	22.20	22.09	22.16			
15	QPSK	75	0	22.22	22.10	22.09	23.5	1	
15	16QAM	1	0	22.36	22.46	22.44			
15	16QAM	1	37	22.36	22.20	22.24			
15	16QAM	1	74	22.39	22.34	22.45	22.5	2	
15	16QAM	36	0	21.12	20.97	21.14			
15	16QAM	36	20	21.06	21.21	21.21			
15	16QAM	36	36	21.09	21.16	21.04	22.5	2	
15	16QAM	75	0	21.29	21.09	21.05			
15	64QAM	1	0	21.22	21.27	21.22			
15	64QAM	1	37	21.19	21.36	21.24	22.5	2	
15	64QAM	1	74	21.30	21.28	21.44			
15	64QAM	36	0	20.15	20.16	20.00			
15	64QAM	36	20	20.17	20.25	20.24	21.5	3	
15	64QAM	36	36	20.24	20.25	20.10			
15	64QAM	75	0	20.27	20.14	20.08			
Channel				133172	133297	133422			
Frequency (MHz)				668	680.5	693			
10	QPSK	1	0	23.28	23.16	23.17	24.5	0	
10	QPSK	1	25	23.03	23.18	23.07			
10	QPSK	1	49	22.98	23.00	23.08			
10	QPSK	25	0	22.30	22.15	22.16	23.5	1	
10	QPSK	25	12	22.21	22.07	22.06			
10	QPSK	25	25	22.18	21.98	21.99			
10	QPSK	50	0	22.25	22.19	22.02	23.5	1	
10	16QAM	1	0	22.37	22.43	22.41			
10	16QAM	1	25	22.36	22.31	22.28			
10	16QAM	1	49	22.39	22.31	22.46	22.5	2	
10	16QAM	25	0	21.16	21.05	21.03			
10	16QAM	25	12	21.14	21.20	21.19			
10	16QAM	25	25	21.13	21.22	21.10	22.5	2	
10	16QAM	50	0	21.29	21.03	21.06			
10	64QAM	1	0	21.35	21.32	21.34			
10	64QAM	1	25	21.19	21.38	21.12	22.5	2	
10	64QAM	1	49	21.33	21.26	21.43			
10	64QAM	25	0	20.20	20.18	20.11			
10	64QAM	25	12	20.03	20.10	20.21	21.5	3	
10	64QAM	25	25	20.24	20.19	20.08			
10	64QAM	50	0	20.21	20.18	20.06			
Channel				133147	133297	133447			
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	23.27	23.35	23.10	24.5	0	
5	QPSK	1	12	23.04	23.09	23.00			
5	QPSK	1	24	23.02	23.09	23.02			
5	QPSK	12	0	22.22	22.30	22.09	23.5	1	
5	QPSK	12	7	22.21	22.20	22.09			
5	QPSK	12	13	22.12	22.11	22.10			
5	QPSK	25	0	22.26	22.12	22.07	23.5	1	
5	16QAM	1	0	22.34	22.33	22.36			
5	16QAM	1	12	22.30	22.36	22.43			
5	16QAM	1	24	22.29	22.36	22.42	22.5	1	
5	16QAM	12	0	21.29	20.98	21.18			
5	16QAM	12	7	21.07	21.18	21.18			
5	16QAM	12	13	21.26	21.16	21.01	22.5	2	
5	16QAM	25	0	21.15	21.05	21.09			
5	64QAM	1	0	21.24	21.20	21.33			
5	64QAM	1	12	21.20	21.30	21.17	22.5	2	
5	64QAM	1	24	21.31	21.29	21.36			
5	64QAM	12	0	20.10	20.17	20.13			
5	64QAM	12	7	20.15	20.18	20.10	21.5	3	
5	64QAM	12	13	20.20	20.06	20.02			
5	64QAM	25	0	20.10	20.10	20.08			

LTE Band 71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.62	23.69	23.55	24.5	0	
20	QPSK	1	49	23.49	23.50	23.53			
20	QPSK	1	99	23.58	23.59	23.47			
20	QPSK	50	0	22.69	22.71	22.57	23.5	1	
20	QPSK	50	24	22.64	22.63	22.53			
20	QPSK	50	50	22.61	22.64	22.55			
20	QPSK	100	0	22.61	22.68	22.53	23.5	1	
20	16QAM	1	0	22.85	22.92	22.84			
20	16QAM	1	49	22.82	22.86	22.74			
20	16QAM	1	99	22.77	22.79	22.69	22.5	2	
20	16QAM	50	0	21.75	21.62	21.52			
20	16QAM	50	24	21.63	21.59	21.59			
20	16QAM	50	50	21.65	21.62	21.54	22.5	2	
20	16QAM	100	0	21.65	21.57	21.52			
20	64QAM	1	0	21.69	21.73	21.73			
20	64QAM	1	49	21.87	21.71	21.66	22.5	2	
20	64QAM	1	99	21.83	21.72	21.62			
20	64QAM	50	0	20.68	20.62	20.51			
20	64QAM	50	24	20.66	20.64	20.61	21.5	3	
20	64QAM	50	50	20.69	20.64	20.58			
20	64QAM	100	0	20.64	20.64	20.55			
Channel				133197	133297	133397			
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.51	23.45	23.48	24.5	0	
15	QPSK	1	37	23.36	23.33	23.48			
15	QPSK	1	74	23.50	23.51	23.25			
15	QPSK	36	0	22.50	22.54	22.52	23.5	1	
15	QPSK	36	20	22.48	22.45	22.30			
15	QPSK	36	39	22.44	22.54	22.41			
15	QPSK	75	0	22.47	22.52	22.42	23.5	1	
15	16QAM	1	0	22.94	22.78	22.73			
15	16QAM	1	37	22.76	22.69	22.59			
15	16QAM	1	74	22.53	22.56	22.46	22.5	2	
15	16QAM	36	0	21.97	21.49	21.35			
15	16QAM	36	20	21.45	21.54	21.47			
15	16QAM	36	39	21.51	21.56	21.41	22.5	2	
15	16QAM	75	0	21.49	21.42	21.30			
15	16QAM	75	0	21.53	21.55	21.61			
15	64QAM	1	37	21.82	21.95	21.53	21.5	3	
15	64QAM	1	74	21.54	21.63	21.51			
15	64QAM	36	0	20.44	20.37	20.44			
15	64QAM	36	20	20.54	20.54	20.50	21.5	3	
15	64QAM	36	39	20.53	20.43	20.39			
15	64QAM	75	0	20.52	20.41	20.35			
Channel				133172	133297	133422			
Frequency (MHz)				668.5	680.5	692.5			
10	QPSK	1	0	23.36	23.47	23.48	24.5	0	
10	QPSK	1	25	23.37	23.53	23.42			
10	QPSK	1	49	23.34	23.51	23.27			
10	QPSK	25	0	22.51	22.63	22.40	23.5	1	
10	QPSK	25	12	22.48	22.41	22.46			
10	QPSK	25	25	22.36	22.55	22.35			
10	QPSK	50	0	22.41	22.47	22.44	22.5	2	
10	16QAM	1	0	22.79	22.79	22.77			
10	16QAM	1	25	22.73	22.70	22.57			
10	16QAM	1	49	22.53	22.64	22.48	21.5	3	
10	16QAM	25	0	21.62	21.63	21.36			
10	16QAM	25	12	21.43	21.36	21.39			
10	16QAM	25	25	21.53	21.54	21.40	22.5	2	
10	16QAM	50	0	21.59	21.49	21.32			
10	64QAM	1	0	21.55	21.58	21.62			
10	64QAM	1	24	21.75	21.78	21.81	22.5	2	
10	64QAM	1	49	21.48	21.51	21.56			
10	64QAM	25	0	20.54	20.39	20.35			
10	64QAM	25	12	20.41	20.42	20.50	21.5	3	
10	64QAM	25	25	20.50	20.50	20.44			
10	64QAM	50	0	20.54	20.46	20.49			
Channel				133147	133297	133447			
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	23.53	23.56	23.34	24.5	0	
5	QPSK	1	12	23.43	23.45	23.48			
5	QPSK	1	24	23.43	23.43	23.42			
5	QPSK	12	0	22.63	22.51	22.36	23.5	1	
5	QPSK	12	7	22.44	22.47	22.44			
5	QPSK	12	13	22.41	22.53	22.37			
5	QPSK	25	0	22.47	22.62	22.29	23.5	1	
5	16QAM	1	0	22.76	22.76	22.60			
5	16QAM	1	12	22.68	22.78	22.62			
5	16QAM	1	24	22.71	22.73	22.47	22.5	2	
5	16QAM	12	0	21.50	21.46	21.45			
5	16QAM	12	7	21.46	21.53	21.47			
5	16QAM	12	13	21.60	21.50	21.43	22.5	2	
5	16QAM	25	0	21.49	21.48	21.39			
5	64QAM	1	0	21.60	21.59	21.50			
5	64QAM	1	12	21.74	21.46	21.50	22.5	2	
5	64QAM	1	24	21.53	21.56	21.48			
5	64QAM	12	0	20.53	20.34	20.35			
5	64QAM	12	7	20.56	20.50	20.37	21.5	3	
5	64QAM	12	13	20.44	20.55	20.35			
5	64QAM	25	0	20.57	20.56	20.47			

Band 41_Ant 2													
RF	Modulation	Rate	SS	Offset	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Turn-on time (μs)	MPR (dB)		
Channel					-36.705	-40.185	-45.000	-45.000	-41.680				
Frequency (MHz)					20.06	24.55	23.55	23.55	23.55				
20	QPSK	1	0	0	-21.71	-23.70	-23.51	-23.51	-23.75			24.5	0
20	QPSK	1	0	0	-21.66	-23.66	-23.50	-23.50	-23.70				
20	QPSK	1	98	23.88	-23.63	-26.00	-26.00	-26.71	-23.70				
20	QPSK	1	98	23.88	-23.74	-22.77	-22.77	-22.77	-22.77				
20	QPSK	1	98	23.88	-22.70	-22.70	-22.70	-22.70	-22.70				
20	QPSK	30	30	22.85	-22.67	-22.61	-22.57	-22.55	-22.55				
20	QPSK	100	0	0	-22.50	-22.73	-22.70	-22.50	-22.66				
20	HQPSK	1	98	23.88	-23.71	-23.71	-23.71	-23.71	-23.71				
20	HQPSK	1	49	22.82	-22.81	-22.77	-22.75	-22.75	-22.75			23.5	
20	HQPSK	1	98	23.88	-22.70	-22.70	-22.70	-22.70	-22.70				
20	HQPSK	100	24	21.70	-21.66	-21.55	-21.55	-21.55	-21.55			22.5	2
20	HQPSK	100	24	21.70	-21.66	-21.55	-21.55	-21.55	-21.55				
20	HQPSK	100	24	21.70	-21.66	-21.55	-21.55	-21.55	-21.55				
20	HQPSK	1	9	21.35	-21.49	-21.35	-21.31	-21.31	-21.34			22.5	2
20	HQPSK	1	9	21.35	-21.49	-21.35	-21.31	-21.31	-21.34				
20	HQPSK	1	99	21.35	-21.50	-21.37	-21.31	-21.31	-21.49				
20	HQPSK	30	0	20.57	-20.75	-20.75	-20.81	-20.49	-20.87				
20	HQPSK	100	24	20.57	-20.72	-20.59	-20.59	-20.59	-20.59			21.5	3
20	HQPSK	100	24	20.57	-20.69	-20.69	-20.69	-20.69	-20.69				
20	HQPSK	100	0	20.84	-20.70	-20.63	-20.59	-20.59	-20.62				
Channel					-36.705	-40.185	-45.000	-45.000	-41.680			Turn-on time (μs)	MPR (dB)
Frequency (MHz)					20.06	24.55	23.55	23.55	23.55				
15	QPSK	1	0	0	-23.65	-23.69	-23.73	-23.70	-23.75			24.5	0
15	QPSK	1	0	0	-23.58	-23.49	-23.61	-23.45	-23.59				
15	QPSK	1	98	23.82	-23.62	-23.62	-23.62	-23.62	-23.62				
15	QPSK	1	98	23.88	-22.81	-22.83	-22.83	-22.83	-22.87				
15	QPSK	30	30	22.81	-22.62	-22.50	-22.50	-22.50	-22.51			23.5	1
15	QPSK	100	24	21.67	-21.67	-21.67	-21.67	-21.67	-21.67				
15	QPSK	70	30	22.82	-22.87	-22.90	-22.94	-22.94	-22.72				
15	HQPSK	1	0	0	-22.97	-22.71	-22.64	-22.52	-22.51			23.5	1
15	HQPSK	1	0	0	-22.47	-22.78	-22.78	-22.78	-22.78				
15	HQPSK	1	74	22.77	-22.87	-22.86	-22.86	-22.86	-22.86				
15	HQPSK	30	30	21.58	-21.60	-21.48	-21.45	-21.39	-21.58			22.5	2
15	HQPSK	30	30	21.58	-21.58	-21.47	-21.47	-21.47	-21.47				
15	HQPSK	30	30	21.58	-21.63	-21.58	-21.58	-21.58	-21.58				
15	HQPSK	70	0	21.52	-21.81	-21.53	-21.56	-21.47	-21.67				
15	HQPSK	70	0	21.52	-21.48	-21.21	-21.21	-21.21	-21.42				
15	HQPSK	1	37	21.42	-21.48	-21.38	-21.23	-21.22	-21.22			22.5	2
15	HQPSK	1	74	21.33	-21.49	-21.26	-21.36	-21.27	-21.27				
15	HQPSK	1	74	21.33	-21.71	-21.49	-21.49	-21.49	-21.49				
15	HQPSK	30	20	20.54	-20.71	-20.55	-20.53	-20.53	-20.58			21.5	3
15	HQPSK	30	20	20.54	-20.68	-20.68	-20.68	-20.68	-20.68				
15	HQPSK	30	20	20.54	-20.68	-20.68	-20.68	-20.68	-20.68				
Channel					-36.705	-40.185	-45.000	-45.000	-41.680			Turn-on time (μs)	MPR (dB)
Frequency (MHz)					20.06	24.55	23.55	23.55	23.55				
10	QPSK	1	0	0	-26.81	-26.89	-26.93	-26.93	-26.92			24.5	0
10	QPSK	1	0	0	-26.72	-26.78	-26.81	-26.78	-26.80				
10	QPSK	1	48	23.54	-23.56	-23.61	-23.70	-23.49	-23.49				
10	QPSK	1	48	23.54	-23.67	-23.67	-23.67	-23.67	-23.67				
10	QPSK	20	12	22.59	-22.59	-22.59	-22.59	-22.59	-22.49			23.5	1
10	QPSK	20	20	22.52	-22.62	-22.53	-22.53	-22.53	-22.58				
10	QPSK	20	20	22.52	-22.62	-22.53	-22.53	-22.53	-22.58				
10	QPSK	20	20	22.52	-22.62	-22.53	-22.53	-22.53	-22.58				
10	HQPSK	1	0	0	-26.81	-26.81	-26.81	-26.81	-26.81			23.5	1
10	HQPSK	20	12	21.58	-21.59	-21.47	-21.34	-21.22	-21.22				
10	HQPSK	20	12	21.67	-21.61	-21.51	-21.46	-21.46	-21.49			22.5	
10	HQPSK	20	12	21.67	-21.52	-21.46	-21.46	-21.46	-21.46				
10	HQPSK	20	12	21.58	-21.61	-21.47	-21.34	-21.22	-21.49				
10	HQPSK	1	0	0	-21.28	-21.38	-21.19	-21.24	-21.25			22.5	2
10	HQPSK	1	0	0	-21.47	-21.39	-21.33	-21.33	-21.33				
10	HQPSK	1	0	0	-21.37	-21.38	-21.33	-21.33	-21.33				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55			21.5	3
10	HQPSK	20	0	20.53	-20.61	-20.55	-20.42	-20.32	-20.52				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20.55				
10	HQPSK	20	0	20.53	-20.64	-20.58	-20.45	-20.35	-20				

Band 41_Ant 4												
RF	Module	RF Size	RF Offset	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Turn-on (ms)	MPH (dB)	
Channel												
Frequency (MHz)												
20	QPSK	1	0	20.00	20.00	23.00	23.00	23.00	23.00	24.5	0	
20	QPSK	1	0	20.00	20.00	23.00	23.00	23.00	23.00	24.5	0	
20	QPSK	1	96	24.04	24.28	23.31	23.34	23.34	23.34	24.5	0	
20	QPSK	1	0	20.00	20.00	23.00	23.00	23.00	23.00	24.5	0	
20	QPSK	1	96	24.04	24.28	23.31	23.34	23.34	23.34	24.5	0	
20	QPSK	30	30	20.06	20.33	23.18	23.20	23.20	23.20	23.5	1	
20	QPSK	100	0	22.45	22.37	22.50	22.50	22.50	22.50	23.5	1	
20	QPSK	100	0	21.48	21.38	21.48	21.48	21.48	21.48	23.5	1	
20	HQPSK	1	48	23.04	23.43	23.28	23.28	23.28	23.28	23.5	1	
20	HQPSK	30	30	22.51	22.39	22.28	22.48	22.28	22.28	23.5	1	
20	HQPSK	100	0	21.48	21.38	21.48	21.48	21.48	21.48	23.5	1	
20	HQPSK	30	24	21.53	21.39	21.21	21.34	21.21	21.21	23.5	1	
20	HQPSK	100	0	21.56	21.46	21.56	21.56	21.56	21.56	23.5	1	
20	HQPSK	100	0	21.53	21.43	21.53	21.53	21.53	21.53	23.5	1	
20	HQPSK	1	0	21.24	21.12	20.93	21.01	20.94	20.94	23.5	1	
20	HQPSK	1	96	21.31	21.12	20.93	21.1	21.08	21.08	23.5	1	
20	HQPSK	30	0	20.51	20.38	20.20	20.31	20.28	20.28	23.5	1	
20	HQPSK	100	0	20.51	20.37	20.23	20.31	20.28	20.28	23.5	1	
20	HQPSK	100	0	20.51	20.34	20.23	20.31	20.28	20.28	23.5	1	
20	HQPSK	100	0	20.53	20.36	20.23	20.36	20.23	20.23	23.5	1	
Channel												
Frequency (MHz)												
15	QPSK	1	0	20.51	20.28	23.30	23.30	23.30	23.30	24.5	0	
15	QPSK	1	30	23.55	23.38	23.30	23.34	23.27	23.27	24.5	0	
15	QPSK	1	96	23.55	23.30	23.20	23.28	23.20	23.20	24.5	0	
15	QPSK	30	0	22.56	22.30	22.34	22.34	22.34	22.34	23.5	1	
15	QPSK	30	24	22.47	22.30	22.25	22.25	22.25	22.25	23.5	1	
15	QPSK	100	0	22.47	22.30	22.25	22.25	22.25	22.25	23.5	1	
15	HQPSK	1	0	22.40	22.28	22.31	22.31	22.31	22.31	23.5	1	
15	HQPSK	1	0	22.51	22.28	22.20	22.34	22.20	22.20	23.5	1	
15	HQPSK	30	0	22.40	22.28	22.31	22.31	22.31	22.31	23.5	1	
15	HQPSK	100	0	22.40	22.28	22.31	22.31	22.31	22.31	23.5	1	
15	HQPSK	1	74	22.58	22.37	22.28	22.28	22.28	22.28	23.5	1	
15	HQPSK	30	0	21.34	21.28	21.19	21.22	21.19	21.19	23.5	1	
15	HQPSK	100	0	21.34	21.25	21.16	21.19	21.16	21.16	23.5	1	
15	HQPSK	30	24	21.43	21.27	21.16	21.28	21.17	21.17	23.5	1	
15	HQPSK											
15	HQPSK	1	30	21.28	20.98	21.08	20.95	21.03	21.03	23.5	1	
15	HQPSK	1	74	21.16	21.00	20.94	21.07	20.98	20.98	23.5	1	
15	HQPSK	30	0	21.16	21.07	20.98	21.06	20.98	20.98	23.5	1	
15	HQPSK	30	24	20.93	20.22	20.26	20.18	20.25	20.13	23.5	1	
15	HQPSK	30	30	20.44	20.21	20.22	20.22	20.20	20.20	23.5	1	
15	HQPSK	30	30	20.53	20.23	20.23	20.23	20.23	20.23	23.5	1	
Channel												
Frequency (MHz)												
20	QPSK	1	0	20.00	20.00	23.00	23.00	23.00	23.00	24.5	0	
20	QPSK	1	0	20.00	20.00	23.00	23.00	23.00	23.00	24.5	0	
20	QPSK	1	96	24.04	24.28	23.31	23.34	23.34	23.34	24.5	0	
20	QPSK	1	0	20.00	20.00	23.00	23.00	23.00	23.00	24.5	0	
20	QPSK	1	96	24.04	24.28	23.31	23.34	23.34	23.34	24.5	0	
20	QPSK	30	30	20.06	20.33	23.18	23.20	23.20	23.20	23.5	1	
20	QPSK	100	0	22.45	22.37	22.50	22.50	22.50	22.50	23.5	1	
20	QPSK	100	0	21.48	21.38	21.48	21.48	21.48	21.48	23.5	1	
20	HQPSK	1	48	23.04	23.43	23.28	23.28	23.28	23.28	23.5	1	
20	HQPSK	30	30	22.51	22.39	22.28	22.48	22.28	22.28	23.5	1	
20	HQPSK	100	0	21.48	21.38	21.48	21.48	21.48	21.48	23.5	1	
20	HQPSK	30	24	21.53	21.39	21.21	21.34	21.21	21.21	23.5	1	
20	HQPSK	100	0	21.56	21.46	21.56	21.56	21.56	21.56	23.5	1	
20	HQPSK	100	0	21.53	21.43	21.53	21.53	21.53	21.53	23.5	1	
20	HQPSK	1	0	21.24	21.12	20.93	21.01	20.94	20.94	23.5	1	
20	HQPSK	1	96	21.31	21.12	20.93	21.1	21.08	21.08	23.5	1	
20	HQPSK	30	0	20.51	20.38	20.20	20.31	20.28	20.28	23.5	1	
20	HQPSK	100	0	20.51	20.37	20.23	20.31	20.28	20.28	23.5	1	
20	HQPSK	100	0	20.51	20.34	20.23	20.31	20.28	20.28	23.5	1	
20	HQPSK	100	0	20.53	20.36	20.23	20.36	20.23	20.23	23.5	1	
Channel												
Frequency (MHz)												
15	QPSK	1	0	20.51	20.28	23.30	23.30	23.30	23.30	24.5	0	
15	QPSK	1	30	23.55	23.38	23.30	23.34	23.27	23.27	24.5	0	
15	QPSK	1	96	23.55	23.30	23.20	23.28	23.20	23.20	24.5	0	
15	QPSK	30	0	22.56	22.30	22.34	22.34	22.34	22.34	23.5	1	
15	QPSK	30	24	22.47	22.30	22.25	22.25	22.25	22.25	23.5	1	
15	QPSK	100	0	22.47	22.30	22.25	22.25	22.25	22.25	23.5	1	
15	HQPSK	1	0	22.40	22.28	22.31	22.31	22.31	22.31	23.5	1	
15	HQPSK	1	0	22.51	22.28	22.20	22.34	22.20	22.20	23.5	1	
15	HQPSK	30	0	22.40	22.28	22.31	22.31	22.31	22.31	23.5	1	
15	HQPSK	100	0	22.40	22.28	22.31	22.31	22.31	22.31	23.5	1	
15	HQPSK	1	74	22.58	22.37	22.28	22.28	22.28	22.28	23.5	1	
15	HQPSK	30	0	21.34	21.28	21.19	21.22	21.19	21.19	23.5	1	
15	HQPSK	100	0	21.34	21.25	21.16	21.19	21.16	21.16	23.5	1	
15	HQPSK	30	24	21.43	21.27	21.16	21.28	21.17	21.17	23.5	1	
15	HQPSK											
15	HQPSK	1	30	21.28	20.98	21.08	20.95	21.03	21.03	23.5	1	
15	HQPSK	1	74	21.16	21.00	20.94	21.07	20.98	20.98	23.5	1	
15	HQPSK	30	0	21.16	21.07	20.98	21.06	20.98	20.98	23.5	1	
15	HQPSK	30	24	20.93	20.29	20.27	20.20	20.25	20.14	23.5	1	
15	HQPSK	30	30	20.44	20.21	20.22	20.22	20.20	20.20	23.5	1	
15	HQPSK	30	30	20.53	20.27	20.27	20.27	20.26	20.26	23.5	1	
15	HQPSK	30	30	20.39	20.35	20.30	20.27	20.29	20.29	23.5	1	
Channel												
Frequency (MHz)												
20	QPSK	1	0	20.00	20.00	23.00	23.00	23.00	23.00	24.5	0	
20	QPSK	1	0	20.00	20.00	23.00	23.00	23.00	23.00	24.5	0	
20	QPSK	1	96	24.04	24.28	23.31	23.34	23.34	23.34	24.5	0	
20	QPSK	1	0	20.00	20.00	23.00	23.00	23.00	23.00	24.5	0	
20	QPSK	1	96	24.04	24.28	23.31	23.34	23.34	23.34	24.5	0	
20	QPSK	30	30	20.06	20.33	23.18	23.20	23.20	23.20	23.5	1	
20	QPSK	100	0	22.45	22.37	22.50	22.50	22.50	22.50	23.5	1	
20	QPSK	100	0	21.48	21.38	21.48	21.48	21.48	21.48	23.5	1	
20	HQPSK	1	48	23.04	23.43	23.28	23.28	23.28	23.28	23.5	1	
20	HQPSK	30	30	22.51	22.39	22.28	22.48	22.28	22.28	23.5	1	
20	HQPSK	100	0	21.48	21.38	21.48	21.48	21.48	21.48	23.5	1	
20	HQPSK	30	24	21.53	21.39	21.21	21.34	21.21	21.21	23.5	1	
20	HQPSK	100	0	21.56	21.46	21.56	21.56	21.56	21.56	23.5	1	
20	HQPSK	100	0	21.53	21.43	21.53	21.53	21.53	21.53	23.5	1	
20	HQPSK	1	0	21.24	21.12	20.93	21.01	20.94	20.94	23.5	1	
20	HQPSK	1	96	21.31	21.12	20.93	21.1	21.08	21.08	23.5	1	
20	HQPSK	30	0	20.51	20.38	20.20	20.31	20.28	20.28	23.5	1	
20	HQPSK	100	0	20.51	20.37	20.23	20.31	20.28	20.28	23.5	1	
20	HQPSK	100	0	20.51	20.34	20.23	20.31	20.28	20.28	23.5	1	
20	HQPSK	100	0	20.53	20.36	20.23	20.36	20.23	20.23	23.5	1	
Channel												
Frequency (MHz)												
15	QPSK	1	0	20.51	20.28	23.30	23.30	23.30	23.30	24.5	0	
15	QPSK	1	30	23.55	23.38	23.30	23.34	23.27	23.27	24.5	0	
15	QPSK	1	96	23.55	23.30	23.20	23.28	23.20	23.20	24.5	0	
15	QPSK	30	0	22.56	22.30	22.34	22.34	22.34	22.34	23.5	1	
15	QPSK	30	24	22.47	22.30	22.25	22.25	22.25	22.25	23.5	1	
15	QPSK	100	0	22.47	22.30	22.25	22.25	22.25	22.25	23.5	1	
15	HQPSK	1	0	22.40	2							

Part 96_Band 48_Ant 1										Part 96_Band 48_Ant 3										Part 96_Band 48_Ant 5										Part 96_Band 48_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Low-Mid Ch / Freq.	Power High-Mid Ch / Freq.	Power High Ch / Freq.	Time-up (min)	MFR (dB)	BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Low-Mid Ch / Freq.	Power High-Mid Ch / Freq.	Power High Ch / Freq.	Time-up (min)	MFR (dB)	BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Low-Mid Ch / Freq.	Power High-Mid Ch / Freq.	Power High Ch / Freq.	Time-up (min)	MFR (dB)	BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Low-Mid Ch / Freq.	Power High-Mid Ch / Freq.	Power High Ch / Freq.	Time-up (min)	MFR (dB)
Channel										Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
20	QPSK	1	0	18.88	18.88	18.88	18.88	10	0	20	QPSK	1	0	22.28	22.28	22.28	22.28	23	0	20	QPSK	1	0	22.48	22.48	22.48	22.48	23	0	20	QPSK	1	0	23.88	23.88	23.88	23.88	24.5	0
20	QPSK	1	48	18.81	18.83	18.83	18.89	10	0	20	QPSK	1	48	22.41	22.43	22.43	22.49	23	0	20	QPSK	1	48	22.41	22.43	22.43	22.49	23	0	20	QPSK	1	48	23.78	23.80	23.80	23.86	24.5	0
20	QPSK	1	96	18.71	18.73	18.73	18.79	10	0	20	QPSK	1	96	22.31	22.33	22.33	22.37	23	0	20	QPSK	1	96	22.31	22.33	22.33	22.37	23	0	20	QPSK	1	96	23.68	23.70	23.70	23.76	24.5	0
20	QPSK	50	0	18.58	18.58	18.58	18.58	10	0	20	QPSK	50	0	21.87	21.87	21.87	21.87	22	1	20	QPSK	50	0	21.87	21.87	21.87	21.87	22	1	20	QPSK	50	0	23.25	23.25	23.25	23.25	23.5	1
20	QPSK	50	24	18.51	18.54	18.53	18.55	10	0	20	QPSK	50	24	21.84	21.87	21.86	21.89	22	1	20	QPSK	50	24	21.84	21.87	21.86	21.89	22	1	20	QPSK	50	24	23.17	23.20	23.19	23.22	23.5	1
20	QPSK	50	50	18.53	18.54	18.53	18.53	10	0	20	QPSK	50	50	21.81	21.82	21.82	21.83	22	1	20	QPSK	50	50	21.81	21.82	21.82	21.83	22	1	20	QPSK	50	50	23.19	23.20	23.20	23.21	23.5	1
20	QPSK	100	0	18.57	18.47	18.46	18.48	10	0	20	QPSK	100	0	21.55	21.51	21.44	21.38	21	2	20	QPSK	100	0	21.48	21.44	21.31	21.41	21	2	20	QPSK	100	0	22.83	22.58	22.59	22.67	23.5	1
20	QPSK	1	0	18.50	18.46	18.52	18.45	10	0	20	QPSK	1	0	21.53	21.52	21.47	21.59	21	2	20	QPSK	1	0	21.43	21.48	21.44	21.47	21	2	20	QPSK	1	0	22.74	22.57	22.58	22.67	23.5	1
20	QPSK	1	48	18.43	18.45	18.47	18.43	10	0	20	QPSK	1	48	21.48	21.50	21.44	21.53	21	2	20	QPSK	1	48	21.44	21.47	21.48	21.52	21	2	20	QPSK	1	48	22.61	22.51	22.51	22.58	23.5	1
20	QPSK	1	96	18.46	18.34	18.42	18.33	10	0	20	QPSK	1	96	21.36	21.28	21.44	21.38	21	2	20	QPSK	1	96	21.27	21.52	21.48	21.46	21	2	20	QPSK	1	96	22.72	22.56	22.64	22.64	23.5	1
20	QPSK	50	0	18.58	18.52	18.53	18.51	10	0	20	QPSK	50	0	20.56	20.58	20.53	20.43	21	2	20	QPSK	50	0	20.59	20.57	20.53	20.46	21	2	20	QPSK	50	0	21.78	21.53	21.67	21.65	22.5	2
20	QPSK	50	24	18.48	18.28	18.43	18.45	10	0	20	QPSK	50	24	20.44	20.32	20.44	20.36	21	2	20	QPSK	50	24	20.29	20.24	20.35	20.48	21	2	20	QPSK	50	24	21.67	21.41	21.56	21.51	22.5	2
20	QPSK	50	50	18.43	18.27	18.38	18.38	10	0	20	QPSK	50	50	20.44	20.29	20.32	20.35	21	2	20	QPSK	50	50	20.29	20.42	20.31	20.51	21	2	20	QPSK	50	50	21.73	21.56	21.57	21.53	22.5	2
20	QPSK	100	0	18.54	18.37	18.39	18.43	10	0	20	QPSK	100	0	20.41	20.30	20.43	20.41	21	2	20	QPSK	100	0	20.25	20.39	20.32	20.48	21	2	20	QPSK	100	0	21.78	21.58	21.55	21.63	22.5	2
20	QPSK	1	0	18.49	18.40	18.47	18.47	10	0	20	QPSK	1	0	20.34	20.27	20.40	20.39	21	2	20	QPSK	1	0	20.24	20.39	20.35	20.47	21	2	20	QPSK	1	0	21.52	21.52	21.52	21.52	22.5	2
20	QPSK	1	48	18.52	18.38	18.42	18.42	10	0	20	QPSK	1	48	20.46	20.35	20.32	20.31	21	2	20	QPSK	1	48	20.38	20.29	20.37	20.51	21	2	20	QPSK	1	48	21.84	21.41	21.52	21.54	22.5	2
20	QPSK	1	96	18.50	18.37	18.40	18.36	10	0	20	QPSK	1	96	20.46	20.35	20.32	20.32	21	2	20	QPSK	1	96	20.38	20.32	20.39	20.51	21	2	20	QPSK	1	96	21.72	21.45	21.52	21.60	22.5	2
20	QPSK	50	0	18.52	18.37	18.40	18.40	10	0	20	QPSK	50	0	19.59	19.44	19.38	19.45	20	3	20	QPSK	50	0	19.32	19.28	19.35	19.48	20	3	20	QPSK	50	0	20.83	20.48	20.53	20.53	21.5	3
20	QPSK	50	24	18.38	18.22	18.45	18.39	10	0	20	QPSK	50	24	19.58	19.41	19.48	19.35	20	3	20	QPSK	50	24	19.28	19.44	19.35	19.51	20	3	20	QPSK	50	24	20.81	20.48	20.53	20.53	21.5	3
20	QPSK	50	50	18.43	18.27	18.39	18.43	10	0	20	QPSK	50	50	19.54	19.32	19.51	19.38	20	3	20	QPSK	50	50	19.17	19.43	19.31	19.53	20	3	20	QPSK	50	50	20.71	20.47	20.57	20.57	21.5	3
20	QPSK	100	0	18.49	18.40	18.42	18.48	10	0	20	QPSK	100	0	19.54	19.40	19.45	19.37	20	3	20	QPSK	100	0	19.22	19.29	19.37	19.49	20	3	20	QPSK	100	0	20.78	20.48	20.57	20.58	21.5	3
Channel										Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
15	QPSK	1	0	18.43	18.36	18.31	18.33	10	0	15	QPSK	1	0	22.48	22.48	22.48	22.48	23	0	15	QPSK	1	0	22.38	22.31	22.31	22.31	23	0	15	QPSK	1	0	23.78	23.44	23.43	23.48	24.5	0
15	QPSK	1	37	18.38	18.37	18.42	18.48	10	0	15	QPSK	1	37	22.38	22.37	22.48	22.28	23	0	15	QPSK	1	37	22.28	22.24	22.11	22.28	23	0	15	QPSK	1	37	23.68	23.38	23.41	23.42	24.5	0
15	QPSK	1	74	18.41	18.38	18.48	18.43	10	0	15	QPSK	1	74	22.45	22.49	22.47	22.19	23	0	15	QPSK	1	74	22.65	22.31	22.17	22.29	23	0	15	QPSK	1	74	23.57	23.38	23.41	23.42	24.5	0
15	QPSK	1	111	18.43	18.42	18.41	18.38	10	0	15	QPSK	1	111	21.48	21.33	21.40	21.35	23	0	15	QPSK	1	111	21.23	21.27	21.27	21.26	23	0	15	QPSK	1	111	22.78	22.63	22.55	22.70	24.5	0
15	QPSK	50	0	18.38	18.33	18.50	18.38	10	0	15	QPSK	50	0	21.38	20.99	21.38	21.28	22	1	15	QPSK	50	0	21.22	21.20	21.09	21.24	22	1	15	QPSK	50	0	22.84	22.40	22.57	22.57	23.5	1
15	QPSK	50	24	18.48	18.32	18.42	18.36	10	0	15	QPSK	50	24	21.45	21.13	21.27	21.24	22	1	15	QPSK	50	24	21.32	21.20	21.18	21.19	22	1	15	QPSK	50	24	22.71	22.60	22.56	22.56	23.5	1
15	QPSK	50	50	18.43	18.35	18.36	18.36	10	0	15	QPSK	50	50	21.47	21.40	21.36	21.35	22	1	15	QPSK	50	50	21.37	21.33	21.22	21.31	22	1	15	QPSK	50	50	22.81	22.45	22.56	22.57	23.5	1
15	QPSK	1	0	18.38	18.33	18.42	18.34	10	0	15	QPSK	1	0	21.50	21.11	21.38	21.14	22	1	15	QPSK	1	0	21.39	21.36	21.23	21.28	22	1	15	QPSK	1	0	22.87	22.53	22.49	22.58	23.5	1
15	QPSK	1	37	18.34	18.30	18.34	18.23	10	0	15	QPSK	1	37	21.42	21.19	21.39	21.18	22	1	15	QPSK	1	37	21.37	21.49	21.40	21.38	22	1	15	QPSK	1	37	22.78	22.58	22.69	22.69	23.5	1
15	QPSK	1	74	18.41	18.38	18.38	18.24	10	0	15	QPSK	1	74	21.44	21.10	21.29	21.29	22	1	15	QPSK	1	74	21.68	21.11	21.41	21.29	22	1	15	QPSK	1	74	22.92	22.44	22.52	22.57	23.5	1
15	QPSK	50	0	18.55	18.51	18.38	18.48	10	0	15	QPSK	50	0	21.54	21.17	21.33	21.40	22	1	15	QPSK	50	0	21.34	21.20	21.03	21.30	22	1	15	QPSK	50	0	22.86	22.41	22.46	22.46	23.5	1
15	QPSK	50	24	18.44	18.24	18.33	18.37	10	0	15	QPSK	50	24	20.52	20.34	20.50	20.37	21	2	15	QPSK	50	24	20.39	20.19	20.29	20.47	21	2	15	QPSK	50	24	21.80	21.46	21.47	21.48	22.5	2
15	QPSK	50	50	18.42	18.29	18.34	18.37	10	0	15	QPSK	50	50	20.52	20.34	20.39	20.37	21	2	15	QPSK	50	50	20.39	20.19	20.29	20.47	21	2	15	QPSK	50	50	21.71	21.37	21.44	21.45	22.5	2
15	QPSK	100	0	18.41	18.25	18.36	18.39	10	0	15	QPSK	100	0	20.51	20.31	20.38	20.38	21	2	15	QPSK	100	0	20.38	20.19	20.29	20.47	21	2	15	QPSK	100	0	21.70	21.36	21.43	21.44	22.5	2
15	QPSK	1	0	18.49	18.39	18.32	18.29	10	0	15	QPSK	1																											

Reduced Power Mode for ECI 14

Band 2_Ant 1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Med. Ch./ Freq.	Power High Ch./ Freq.	Turn-up limit (dBm)	MPR (dB)						
Channel														
Frequency (MHz)														
18700 18800 19000														
20	QPSK	1	0	18.60	18.65	18.62	19.5	0						
20	QPSK	1	49	18.16	18.29	18.18								
20	QPSK	1	99	18.33	18.40	18.31								
20	QPSK	50	0	18.36	18.42	18.40								
20	QPSK	50	24	18.15	18.28	18.32	19.5	0						
20	QPSK	50	50	18.26	18.27	18.30								
20	QPSK	100	0	18.30	18.36	18.35								
20	16QAM	1	0	18.24	18.32	18.24								
20	16QAM	1	49	18.17	18.32	18.31	19.5	0						
20	16QAM	1	99	18.18	18.27	18.39								
20	16QAM	50	0	18.25	18.34	18.31								
20	16QAM	50	24	18.22	18.31	18.31								
20	16QAM	50	50	18.31	18.20	18.27	19.5	0						
20	16QAM	100	0	18.33	18.31	18.27								
20	64QAM	1	0	18.30	18.44	18.22								
20	64QAM	1	49	18.23	18.35	18.28								
20	64QAM	1	99	18.26	18.31	18.27	19.5	0						
20	64QAM	50	0	18.30	18.32	18.27								
20	64QAM	50	24	18.25	18.37	18.25								
20	64QAM	50	50	18.21	18.44	18.25								
20	64QAM	100	0	18.35	18.30	18.27	19.5	0						
Channel														
Frequency (MHz)														
18675 18800 19125														
15	QPSK	1	0	18.30	18.31	18.41	19.5	0						
15	QPSK	1	37	18.07	18.17	18.08								
15	QPSK	1	74	18.21	18.37	18.18								
15	QPSK	36	0	18.24	18.28	18.28								
15	QPSK	36	20	18.07	18.27	18.23	19.5	0						
15	QPSK	36	39	18.17	18.23	18.28								
15	QPSK	75	0	18.25	18.34	18.28								
15	16QAM	1	0	18.17	18.21	18.09								
15	16QAM	1	37	18.05	18.17	18.20	19.5	0						
15	16QAM	1	74	18.17	18.23	18.29								
15	16QAM	36	0	18.17	18.25	18.24								
15	16QAM	36	20	18.07	18.28	18.30								
15	16QAM	36	39	18.23	18.18	18.13	19.5	0						
15	16QAM	75	0	18.25	18.22	18.19								
15	64QAM	1	0	18.18	18.29	18.12								
15	64QAM	1	37	18.17	18.27	18.14								
15	64QAM	1	74	18.13	18.18	18.12	19.5	0						
15	64QAM	36	0	18.28	18.23	18.12								
15	64QAM	36	20	18.10	18.35	18.17								
15	64QAM	36	39	18.19	18.42	18.23								
15	64QAM	75	0	18.20	18.26	18.15	19.5	0						
Channel														
Frequency (MHz)														
18650 18800 19150														
10	QPSK	1	0	18.33	18.33	18.30	19.5	0						
10	QPSK	1	25	18.12	18.17	18.03								
10	QPSK	1	49	18.23	18.34	18.30								
10	QPSK	25	0	18.22	18.30	18.38								
10	QPSK	25	12	18.03	18.24	18.29	19.5	0						
10	QPSK	25	25	18.14	18.18	18.22								
10	QPSK	50	0	18.27	18.33	18.34								
10	16QAM	1	0	18.16	18.20	18.14								
10	16QAM	1	25	18.16	18.18	18.19	19.5	0						
10	16QAM	1	49	18.05	18.22	18.37								
10	16QAM	25	0	18.12	18.19	18.27								
10	16QAM	25	12	18.17	18.26	18.19								
10	16QAM	25	25	18.20	18.15	18.12	19.5	0						
10	16QAM	50	0	18.28	18.30	18.18								
10	64QAM	1	0	18.17	18.29	18.17								
10	64QAM	1	25	18.16	18.25	18.23								
10	64QAM	1	49	18.21	18.23	18.22	19.5	0						
10	64QAM	25	0	18.23	18.25	18.23								
10	64QAM	25	12	18.23	18.27	18.23								
10	64QAM	25	25	18.15	18.31	18.13								
10	64QAM	50	0	18.31	18.27	18.16	19.5	0						
Channel														
Frequency (MHz)														
18625 18800 19075														
5	QPSK	1	0	18.32	18.34	18.40	19.5	0						
5	QPSK	1	12	18.17	18.28	18.16								
5	QPSK	1	24	18.26	18.35	18.29								
5	QPSK	12	0	18.22	18.27	18.33								
5	QPSK	12	7	18.11	18.27	18.26	19.5	0						
5	QPSK	12	13	18.24	18.19	18.24								
5	QPSK	25	0	18.25	18.24	18.23								
5	16QAM	1	0	18.23	18.31	18.17								
5	16QAM	1	12	18.12	18.31	18.25	19.5	0						
5	16QAM	1	24	18.26	18.16	18.35								
5	16QAM	12	0	18.23	18.30	18.29								
5	16QAM	12	7	18.11	18.22	18.25								
5	16QAM	12	13	18.18	18.12	18.16	19.5	0						
5	16QAM	25	0	18.18	18.19	18.19								
5	64QAM	1	0	18.19	18.37	18.07								
5	64QAM	1	12	18.12	18.28	18.18								
5	64QAM	1	24	18.16	18.29	18.25	19.5	0						
5	64QAM	12	0	18.23	18.25	18.15								
5	64QAM	12	7	18.16	18.24	18.21								
5	64QAM	12	13	18.13	18.43	18.11								
5	64QAM	25	0	18.34	18.21	18.14	19.5	0						
Channel														
Frequency (MHz)														
18615 18800 19185														
3	QPSK	1	0	18.36	18.39	18.37	19.5	0						
3	QPSK	1	8	18.07	18.20	18.17								
3	QPSK	1	16	18.21	18.34	18.27								
3	QPSK	8	0	18.23	18.31	18.29								
3	QPSK	8	4	18.06	18.17	18.19	19.5	0						
3	QPSK	8	7	18.13	18.13	18.17								
3	QPSK	15	0	18.25	18.23	18.33								
3	16QAM	1	0	18.23	18.22	18.16								
3	16QAM	1	8	18.16	18.20	18.18	19.5	0						
3	16QAM	1	16	18.11	18.14	18.30								
3	16QAM	8	0	18.10	18.30	18.19								
3	16QAM	8	4	18.08	18.26	18.29								
3	16QAM	8	7	18.16	18.08	18.21	19.5	0						
3	16QAM	15	0	18.21	18.20	18.14								
3	64QAM	1	0	18.16	18.34	18.15	19.5	0						
3	64QAM	1	8	18.10	18.26	18.26								
3	64QAM	1	16	18.21	18.28	18.17								
3	64QAM	8	0	18.16	18.20	18.22								
3	64QAM	8	4	18.20	18.38	18.16	19.5	0						
3	64QAM	8	7	18.19	18.36	18.12								
3	64QAM	15	0	18.20	18.28	18.24								
Channel														
Frequency (MHz)														
18607 18800 19193														
1.4	QPSK	1	0	18.39	18.32	18.29	19.5	0						
1.4	QPSK	1	3	18.14	18.14	18.09								
1.4	QPSK	1	5	18.25	18.35	18.29								
1.4	QPSK	3	0	18.30	18.28	18.25								
1.4	QPSK	3	1	18.10	18.25	18.24	19.5	0						
1.4	QPSK	3	3	18.14	18.24	18.28								
1.4	16QAM	1	0	18.29	18.22	18.33								
1.4	16QAM	1	3	18.11	18.29	18.30								
1.4	16QAM	1	5	18.15	18.32	18.22	19.5	0						
1.4	16QAM	3	0	18.16	18.16	18.25								
1.4	16QAM	3	3	18.18	18.19	18.25								
1.4	16QAM	6	0	18.19	18.26	18.21								
1.4	64QAM	1	0	18.15	18.43	18.10	19.5	0						
1.4	64QAM	1	3	18.16	18.20	18.17								
1.4	64QAM	1	5	18.25	18.30	18.22								
1.4	64QAM	3	0	18.29	18.26	18.23								
1.4	64QAM	3	1	18.21	18.35	18.23	19.5	0						
1.4	64QAM	3	3	18.17	18.30	18.17								
1.4	64QAM	6	0	18.25	18.16	18.26								

Band 4_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Middle Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)				20050	20175	20300				
20	QPSK	1	0	23.25	23.30	23.37	24.5	0		
20	QPSK	1	49	23.22	23.26	23.20				
20	QPSK	1	99	23.11	23.15	23.22				
20	QPSK	50	0	22.25	22.31	22.27				
20	QPSK	50	24	22.27	22.22	22.25	23.5	1		
20	QPSK	50	50	22.21	22.19	22.26				
20	QPSK	100	0	22.24	22.28	22.26				
20	16QAM	1	0	22.52	22.53	22.49				
20	16QAM	1	49	22.53	22.51	22.48	23.5	1		
20	16QAM	1	99	22.44	22.36	22.50				
20	16QAM	50	0	21.23	21.20	21.21				
20	16QAM	50	24	21.26	21.19	21.28				
20	16QAM	50	50	21.22	21.18	21.24	22.5	2		
20	16QAM	100	0	21.22	21.18	21.24				
20	64QAM	1	0	21.34	21.45	21.41				
20	64QAM	1	49	21.42	21.43	21.46				
20	64QAM	1	99	21.27	21.25	21.42	21.5	3		
20	64QAM	50	0	20.24	20.22	20.21				
20	64QAM	50	24	20.27	20.21	20.27				
20	64QAM	50	50	20.23	20.19	20.25				
20	64QAM	100	0	20.23	20.19	20.25	Channel			
Frequency (MHz)				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)		
				1717.5	1732.5	1747.5				
15	QPSK	1	0	23.15	23.16	23.22	24.5	0		
15	QPSK	1	37	23.09	23.16	23.13				
15	QPSK	1	74	23.10	23.03	23.12				
15	QPSK	36	0	22.22	22.17	22.17				
15	QPSK	36	20	22.12	22.19	22.24	23.5	1		
15	QPSK	36	39	22.11	22.06	22.15				
15	QPSK	75	0	22.09	22.21	22.25				
15	16QAM	1	0	22.49	22.41	22.54				
15	16QAM	1	37	22.39	22.49	22.40	23.5	1		
15	16QAM	1	74	22.40	22.30	22.42				
15	16QAM	36	0	21.12	21.05	21.15				
15	16QAM	36	20	21.16	21.05	21.19				
15	16QAM	36	39	21.09	21.13	21.13	22.5	2		
15	16QAM	75	0	21.13	21.10	21.20				
15	64QAM	1	0	21.27	21.39	21.28				
15	64QAM	1	37	21.30	21.38	21.37				
15	64QAM	1	74	21.13	21.21	21.33	22.5	2		
15	64QAM	36	0	20.17	20.18	20.07				
15	64QAM	36	20	20.26	20.20	20.26				
15	64QAM	36	39	20.11	20.05	20.21				
15	64QAM	75	0	20.20	20.08	20.20	21.5	3		
Channel				20000	20175	20300	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1732.5	1750				
10	QPSK	1	0	23.14	23.18	23.18	24.5	0		
10	QPSK	1	25	23.07	23.12	23.19				
10	QPSK	1	49	23.06	23.07	23.19				
10	QPSK	25	0	22.16	22.21	22.21				
10	QPSK	25	12	22.14	22.11	22.10	23.5	1		
10	QPSK	25	25	22.14	22.14	22.18				
10	QPSK	50	0	22.18	22.14	22.14				
10	16QAM	1	0	22.39	22.43	22.38				
10	16QAM	1	25	22.21	22.27	22.42	23.5	1		
10	16QAM	1	49	22.37	22.34	22.47				
10	16QAM	25	0	21.18	21.19	21.07				
10	16QAM	25	12	21.15	21.09	21.17				
10	16QAM	25	25	21.07	21.13	21.25	22.5	2		
10	16QAM	50	0	21.17	21.14	21.20				
10	64QAM	1	0	21.25	21.33	21.30				
10	64QAM	1	25	21.38	21.36	21.45				
10	64QAM	1	49	21.13	21.13	21.29	22.5	2		
10	64QAM	25	0	20.13	20.08	20.06				
10	64QAM	25	12	20.23	20.07	20.25				
10	64QAM	25	25	20.12	20.07	20.21				
10	64QAM	50	0	20.15	20.05	20.19	21.5	3		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1732.5	1752.5				
5	QPSK	1	0	23.18	23.18	23.24	24.5	0		
5	QPSK	1	12	23.09	23.18	23.07				
5	QPSK	1	24	23.06	23.10	23.17				
5	QPSK	12	0	22.14	22.24	22.16				
5	QPSK	12	7	22.20	22.16	22.14	23.5	1		
5	QPSK	12	13	22.18	22.15	22.21				
5	QPSK	25	0	22.23	22.28	22.14				
5	16QAM	1	0	22.40	22.41	22.35				
5	16QAM	1	12	22.50	22.37	22.34	23.5	1		
5	16QAM	1	24	22.33	22.35	22.45				
5	16QAM	12	0	21.17	21.08	21.16				
5	16QAM	12	7	21.17	21.07	21.21				
5	16QAM	12	13	21.16	21.07	21.25	22.5	2		
5	16QAM	25	0	21.13	21.05	21.09				
5	64QAM	1	0	21.20	21.39	21.40				
5	64QAM	1	12	21.31	21.36	21.45				
5	64QAM	1	24	21.25	21.11	21.39	22.5	2		
5	64QAM	12	0	20.14	20.00	20.14				
5	64QAM	12	7	20.16	20.11	20.14				
5	64QAM	12	13	20.13	20.16	20.25				
5	64QAM	25	0	20.11	20.11	20.23	21.5	3		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1732.5	1753.5				
3	QPSK	1	0	23.14	23.15	23.20	24.5	0		
3	QPSK	1	8	23.15	23.21	23.11				
3	QPSK	1	16	23.07	23.10	23.12				
3	QPSK	8	0	22.16	22.20	22.12				
3	QPSK	8	4	22.25	22.18	22.12	23.5	1		
3	QPSK	8	7	22.19	22.18	22.12				
3	QPSK	15	0	22.09	22.27	22.24				
3	16QAM	1	0	22.45	22.40	22.45				
3	16QAM	1	8	22.45	22.47	22.40	23.5	1		
3	16QAM	1	16	22.33	22.32	22.46				
3	16QAM	8	0	21.21	21.08	21.10				
3	16QAM	8	4	21.22	21.10	21.15				
3	16QAM	8	7	21.07	21.09	21.15	22.5	2		
3	16QAM	15	0	21.08	21.06	21.12				
3	64QAM	1	0	21.30	21.43	21.29				
3	64QAM	1	8	21.36	21.29	21.40				
3	64QAM	1	14	21.13	21.12	21.38	22.5	2		
3	64QAM	8	0	20.18	20.15	20.13				
3	64QAM	8	4	20.12	20.13	20.13	21.5	3		
3	64QAM	8	7	20.07	20.04	20.18				
3	64QAM	15	0	20.08	20.08	20.10				
3	64QAM	15	0	20.08	20.08	20.10				
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1732.5	1754.3				
1.4	QPSK	1	0	23.15	23.22	23.17	24.5	0		
1.4	QPSK	1	5	22.98	23.12	23.18				
1.4	QPSK	3	0	22.27	22.32	23.16				
1.4	QPSK	3	1	22.07	23.24	23.19				
1.4	QPSK	3	3	23.01	23.08	23.21	23.5	1		
1.4	QPSK	6	0	22.12	22.26	22.12				
1.4	16QAM	1	0	22.40	22.38	22.38				
1.4	16QAM	1	3	22.48	22.39	22.38				
1.4	16QAM	1	5	22.40	22.35	22.45	23.5	1		
1.4	16QAM	3	0	22.36	22.36	22.36				
1.4	16QAM	3	1	22.51	22.40	22.47				
1.4	16QAM	3	3	22.43	22.30	22.46				
1.4	16QAM	6	0	21.21	21.14	21.14	22.5	2		
1.4	64QAM	1	0	21.33	21.38	21.36				
1.4	64QAM	1	3	21.29	21.37	21.41	22.5	2		
1.4	64QAM	1	5	21.16	21.13	21.38				
1.4	64QAM	3	0	21.25	21.25	21.35				
1.4	64QAM	3	1	21.40	21.28	21.39				
1.4	64QAM	3	3	21.21	21.17	21.35	21.5	3		
1.4	64QAM	6	0	20.16	20.11	20.22				

Band 5_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.76	23.87	23.86	25	0		
10	QPSK	1	25	23.66	23.74	23.53				
10	QPSK	1	49	23.70	23.82	23.74				
10	QPSK	25	0	22.64	22.77	22.74				
10	QPSK	25	12	22.63	22.67	22.72	24	1		
10	QPSK	25	25	22.63	22.69	22.70				
10	QPSK	50	0	22.67	22.75	22.73				
10	16QAM	1	0	22.74	22.93	22.97				
10	16QAM	1	25	22.74	22.74	23.02	24	1		
10	16QAM	1	49	22.71	23.00	22.97				
10	16QAM	25	0	21.66	21.63	21.74				
10	16QAM	25	12	21.60	21.71	21.69				
10	16QAM	25	25	21.60	21.78	21.71	23	2		
10	16QAM	50	0	21.62	21.73	21.71				
10	64QAM	1	0	21.93	22.06	21.96				
10	64QAM	1	25	21.85	21.77	21.95				
10	64QAM	1	49	21.84	21.98	21.81	22	3		
10	64QAM	25	0	20.60	20.73	20.66				
10	64QAM	25	12	20.52	20.62	20.69				
10	64QAM	25	25	20.66	20.68	20.81				
10	64QAM	50	0	20.63	20.68	20.74				
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5 <th>836.5</th> <th>846.5</th> <th colspan="3"></th>	836.5	846.5				
5	QPSK	1	0	23.75	23.85	23.83	25	0		
5	QPSK	1	12	23.54	23.73	23.39				
5	QPSK	1	24	23.65	23.77	23.62				
5	QPSK	12	0	22.60	22.72	22.61				
5	QPSK	12	7	22.51	22.56	22.71	24	1		
5	QPSK	12	13	22.55	22.62	22.62				
5	QPSK	25	0	22.56	22.62	22.66				
5	16QAM	1	0	22.67	22.80	22.91				
5	16QAM	1	12	22.61	22.62	22.93	24	1		
5	16QAM	1	24	22.67	22.90	22.86				
5	16QAM	12	0	21.65	21.54	21.72				
5	16QAM	12	7	21.56	21.64	21.85				
5	16QAM	12	13	21.57	21.73	21.70	23	2		
5	16QAM	25	0	21.61	21.66	21.58				
5	64QAM	1	0	21.89	22.01	21.87				
5	64QAM	1	12	21.75	21.69	21.94				
5	64QAM	1	24	21.72	21.93	21.76	22	3		
5	64QAM	12	0	20.46	20.67	20.60				
5	64QAM	12	7	20.46	20.50	20.58				
5	64QAM	12	13	20.57	20.55	20.72				
5	64QAM	25	0	20.68	20.62	20.74				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	23.74	23.81	23.76	25	0		
3	QPSK	1	8	23.52	23.66	23.39				
3	QPSK	1	14	23.61	23.69	23.70				
3	QPSK	8	0	22.57	22.76	22.71				
3	QPSK	8	4	22.62	22.59	22.69	24	1		
3	QPSK	8	7	22.60	22.61	22.69				
3	QPSK	15	0	22.59	22.73	22.64				
3	16QAM	1	0	22.62	22.89	22.88				
3	16QAM	1	8	22.72	22.66	22.97	24	1		
3	16QAM	1	14	22.68	22.86	22.91				
3	16QAM	8	0	21.65	21.57	21.83				
3	16QAM	8	4	21.48	21.63	21.63				
3	16QAM	8	7	21.59	21.64	21.64	23	2		
3	16QAM	15	0	21.53	21.61	21.56				
3	64QAM	1	0	21.80	21.95	21.95				
3	64QAM	1	8	21.76	21.69	21.86				
3	64QAM	1	14	21.70	21.85	21.70	22	3		
3	64QAM	8	0	20.46	20.66	20.51				
3	64QAM	8	4	20.42	20.48	20.57				
3	64QAM	8	7	20.63	20.65	20.73				
3	64QAM	15	0	20.68	20.59	20.65				
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.69	23.72	23.84	25	0		
1.4	QPSK	1	3	23.51	23.71	23.45				
1.4	QPSK	1	5	23.57	23.77	23.65				
1.4	QPSK	3	0	23.71	23.80	23.85				
1.4	QPSK	3	1	23.63	23.68	23.45	24	1		
1.4	QPSK	3	3	23.69	23.70	23.73				
1.4	QPSK	6	0	22.58	22.61	22.65				
1.4	16QAM	1	0	22.73	22.91	22.88				
1.4	16QAM	1	3	22.64	22.59	23.00	24	1		
1.4	16QAM	1	5	22.66	22.86	22.84				
1.4	16QAM	3	0	22.73	22.86	22.87				
1.4	16QAM	3	1	22.64	22.71	23.01				
1.4	16QAM	3	3	22.59	22.88	22.86	23	2		
1.4	16QAM	6	0	21.57	21.64	21.67				
1.4	64QAM	1	0	21.92	21.93	21.87				
1.4	64QAM	1	3	21.62	21.73	21.92				
1.4	64QAM	1	5	21.80	21.92	21.80	23	2		
1.4	64QAM	3	0	21.42	21.75	21.69				
1.4	64QAM	3	1	21.53	21.69	21.70				
1.4	64QAM	3	3	21.98	21.99	21.97				
1.4	64QAM	6	0	20.60	20.59	20.77	22	3		

Band 5_Ant 4												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				20450	20525	20600						
Frequency (MHz)				829	836.5	844						
10	QPSK	1	0	23.63	23.66	23.64	25	0				
10	QPSK	1	25	23.49	23.44	23.50						
10	QPSK	1	49	23.47	23.61	23.57						
10	QPSK	25	0	22.59	22.63	22.55						
10	QPSK	25	12	22.54	22.49	22.50	24	1				
10	QPSK	25	25	22.55	22.56	22.47						
10	QPSK	50	0	22.56	22.60	22.52						
10	16QAM	1	0	22.85	23.05	22.80						
10	16QAM	1	25	22.71	22.81	23.01	24	1				
10	16QAM	1	49	22.88	22.87	22.93						
10	16QAM	25	0	21.57	21.47	21.60						
10	16QAM	25	12	21.62	21.42	21.64						
10	16QAM	25	25	21.61	21.48	21.62	23	2				
10	16QAM	50	0	21.61	21.46	21.61						
10	64QAM	1	0	21.75	21.87	21.86						
10	64QAM	1	25	21.76	21.60	21.96						
10	64QAM	1	49	21.62	21.68	21.94	22	3				
10	64QAM	25	0	20.50	20.53	20.61						
10	64QAM	25	12	20.49	20.46	20.48						
10	64QAM	25	25	20.52	20.58	20.52						
10	64QAM	50	0	20.51	20.51	20.61						
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				826.5	836.5	846.5						
5	QPSK	1	0	23.51	23.64	23.58	25	0				
5	QPSK	1	12	23.41	23.42	23.42						
5	QPSK	1	24	23.32	23.59	23.52						
5	QPSK	12	0	22.48	22.58	22.40						
5	QPSK	12	7	22.52	22.48	22.45	24	1				
5	QPSK	12	13	22.40	22.54	22.33						
5	QPSK	25	0	22.54	22.57	22.48						
5	16QAM	1	0	22.64	23.03	22.66						
5	16QAM	1	12	22.58	22.71	23.00	24	1				
5	16QAM	1	24	22.80	22.84	22.92						
5	16QAM	12	0	21.49	21.48	21.53						
5	16QAM	12	7	21.58	21.30	21.53						
5	16QAM	12	13	21.53	21.31	21.61	23	2				
5	16QAM	25	0	21.58	21.49	21.48						
5	64QAM	1	0	21.65	21.85	21.75						
5	64QAM	1	12	21.61	21.58	21.64						
5	64QAM	1	24	21.48	21.58	21.85	22	3				
5	64QAM	12	0	20.40	20.40	20.48						
5	64QAM	12	7	20.34	20.36	20.36						
5	64QAM	12	13	20.40	20.56	20.41						
5	64QAM	25	0	20.42	20.50	20.55						
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				826.5	836.5	847.5						
3	QPSK	1	0	23.54	23.64	23.61	25	0				
3	QPSK	1	8	23.36	23.32	23.44						
3	QPSK	1	14	23.44	23.53	23.48						
3	QPSK	8	0	22.53	22.61	22.42						
3	QPSK	8	4	22.43	22.44	22.40	24	1				
3	QPSK	8	7	22.41	22.52	22.40						
3	QPSK	15	0	22.54	22.56	22.44						
3	16QAM	1	0	22.80	22.93	22.73						
3	16QAM	1	8	22.70	22.76	22.89	24	1				
3	16QAM	1	14	22.77	22.83	22.83						
3	16QAM	8	0	21.53	21.37	21.46						
3	16QAM	8	4	21.57	21.36	21.53						
3	16QAM	8	7	21.53	21.37	21.56	23	2				
3	16QAM	15	0	21.59	21.31	21.47						
3	64QAM	1	0	21.63	21.78	21.79						
3	64QAM	1	8	21.65	21.53	21.55						
3	64QAM	1	14	21.56	21.61	21.36	23	2				
3	64QAM	8	0	20.49	20.41	20.50						
3	64QAM	8	4	20.36	20.44	20.36						
3	64QAM	8	7	20.49	20.47	20.40						
3	64QAM	15	0	20.43	20.42	20.48	22	3				
Channel				20407	20525	20643				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3						
1.4	QPSK	1	0	23.57	23.56	23.57				25	0	
1.4	QPSK	1	3	23.46	23.42	23.40						
1.4	QPSK	1	5	23.37	23.51	23.43						
1.4	QPSK	3	0	23.54	23.54	23.54						
1.4	QPSK	3	1	23.45	23.29	23.49	24	1				
1.4	QPSK	3	3	23.46	23.54	23.45						
1.4	QPSK	6	0	22.43	22.47	22.39						
1.4	16QAM	1	0	22.78	22.99	22.67						
1.4	16QAM	1	3	22.60	22.69	22.89	24	1				
1.4	16QAM	1	5	22.67	22.79	22.87						
1.4	16QAM	3	0	22.86	22.79	22.79						
1.4	16QAM	3	1	22.86	22.79	22.90						
1.4	16QAM	3	3	22.74	22.72	22.88	23	2				
1.4	16QAM	6	0	21.50	21.37	21.58						
1.4	64QAM	1	0	21.71	21.77	21.67						
1.4	64QAM	1	3	21.62	21.53	21.63						
1.4	64QAM	1	5	21.57	21.67	21.63	23	2				
1.4	64QAM	3	0	21.61	21.85	21.88						
1.4	64QAM	3	1	21.63	21.56	21.57						
1.4	64QAM	3	3	21.60	21.54	21.91						
1.4	64QAM	6	0	20.45	20.42	20.50	22	3				

Band 7_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Middle Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit [dBm]	MPR [dB]			
Channel				20850	21100	21350	21350				
Frequency (MHz)				2510	2535	2560					
20	QPSK	1	0	18.49	18.60	18.82	20	0			
20	QPSK	1	49	18.48	18.35	18.41					
20	QPSK	1	99	18.32	18.50	18.34					
20	QPSK	50	0	18.50	18.54	18.47					
20	QPSK	50	24	18.41	18.38	18.42	20	0			
20	QPSK	50	50	18.44	18.51	18.44					
20	QPSK	100	0	18.44	18.49	18.42					
20	16QAM	1	0	18.49	18.40	18.39					
20	16QAM	1	49	18.51	18.28	18.30	20	0			
20	16QAM	1	99	18.40	18.35	18.32					
20	16QAM	50	0	18.31	18.42	18.36					
20	16QAM	50	24	18.26	18.35	18.32					
20	16QAM	50	50	18.27	18.49	18.40	20	0			
20	16QAM	100	0	18.44	18.30	18.30					
20	64QAM	1	0	18.41	18.39	18.39					
20	64QAM	1	49	18.39	18.25	18.24					
20	64QAM	1	99	18.29	18.56	18.26	20	0			
20	64QAM	50	0	18.39	18.27	18.26					
20	64QAM	50	24	18.43	18.56	18.39					
20	64QAM	50	50	18.38	18.24	18.28					
20	64QAM	100	0	18.28	18.57	18.26	20	0			
Channel				20825	21100	21375				Tune-up limit [dBm]	MPR [dB]
Frequency (MHz)				2607.8	2635	2662.5					
15	QPSK	1	0	18.38	18.44	18.50				20	0
15	QPSK	1	37	18.40	18.24	18.25					
15	QPSK	1	74	18.17	18.40	18.26					
15	QPSK	36	0	18.39	18.51	18.46					
15	QPSK	36	20	18.39	18.35	18.27	20	0			
15	QPSK	36	39	18.36	18.42	18.31					
15	QPSK	75	0	18.38	18.48	18.28					
15	16QAM	1	0	18.39	18.36	18.33					
15	16QAM	1	37	18.40	18.21	18.29	20	0			
15	16QAM	1	74	18.32	18.28	18.20					
15	16QAM	36	0	18.22	18.38	18.30					
15	16QAM	36	20	18.20	18.31	18.28					
15	16QAM	36	39	18.14	18.34	18.27	20	0			
15	16QAM	75	0	18.42	18.29	18.26					
15	64QAM	1	0	18.39	18.54	18.26					
15	64QAM	1	37	18.35	18.20	18.21					
15	64QAM	1	74	18.15	18.48	18.19	20	0			
15	64QAM	36	0	18.26	18.21	18.18					
15	64QAM	36	20	18.30	18.44	18.35					
15	64QAM	36	39	18.36	18.14	18.13					
15	64QAM	75	0	18.20	18.48	18.13	20	0			
Channel				20800	21100	21400				Tune-up limit [dBm]	MPR [dB]
Frequency (MHz)				2505	2535	2565					
10	QPSK	1	0	18.41	18.56	18.44				20	0
10	QPSK	1	25	18.37	18.23	18.40					
10	QPSK	1	49	18.27	18.47	18.33					
10	QPSK	25	0	18.37	18.48	18.39					
10	QPSK	25	12	18.40	18.26	18.38	20	0			
10	QPSK	25	25	18.42	18.43	18.43					
10	QPSK	50	0	18.35	18.42	18.41					
10	16QAM	1	0	18.41	18.39	18.38					
10	16QAM	1	25	18.46	18.18	18.20	20	0			
10	16QAM	1	49	18.32	18.33	18.26					
10	16QAM	25	0	18.22	18.27	18.27					
10	16QAM	25	12	18.12	18.27	18.31					
10	16QAM	25	25	18.17	18.39	18.29	20	0			
10	16QAM	50	0	18.31	18.23	18.21					
10	64QAM	1	0	18.33	18.50	18.34					
10	64QAM	1	25	18.30	18.13	18.22					
10	64QAM	1	49	18.15	18.48	18.15	20	0			
10	64QAM	25	0	18.26	18.28	18.19					
10	64QAM	25	12	18.30	18.45	18.28					
10	64QAM	25	25	18.24	18.13	18.13					
10	64QAM	50	0	18.20	18.47	18.13	20	0			
Channel				20775	21100	21425				Tune-up limit [dBm]	MPR [dB]
Frequency (MHz)				2502.5	2535	2567.5					
5	QPSK	1	0	18.41	18.54	18.45				20	0
5	QPSK	1	12	18.47	18.27	18.36					
5	QPSK	1	24	18.31	18.40	18.23					
5	QPSK	12	0	18.36	18.47	18.46					
5	QPSK	12	7	18.36	18.23	18.37	20	0			
5	QPSK	12	13	18.34	18.40	18.35					
5	QPSK	25	0	18.31	18.42	18.29					
5	16QAM	1	0	18.47	18.27	18.31					
5	16QAM	1	12	18.37	18.22	18.16	20	0			
5	16QAM	1	24	18.25	18.30	18.23					
5	16QAM	12	0	18.20	18.31	18.27					
5	16QAM	12	7	18.18	18.22	18.27					
5	16QAM	12	13	18.17	18.48	18.27	20	0			
5	16QAM	25	0	18.37	18.23	18.17					
5	64QAM	1	0	18.35	18.46	18.28					
5	64QAM	1	12	18.25	18.18	18.09					
5	64QAM	1	24	18.17	18.55	18.16	20	0			
5	64QAM	12	0	18.31	18.13	18.23					
5	64QAM	12	7	18.34	18.48	18.25					
5	64QAM	12	13	18.28	18.15	18.17					
5	64QAM	25	0	18.17	18.44	18.21	20	0			

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				20850	21100	21350			
20	QPSK	1	0	23.75	23.86	23.77	24.5	0	
20	QPSK	1	49	23.69	23.77	23.70			
20	QPSK	1	99	23.72	23.85	23.71			
20	QPSK	50	0	22.73	22.79	22.76			
20	QPSK	50	24	22.66	22.74	22.73	23.5	1	
20	QPSK	50	50	22.69	22.77	22.71			
20	QPSK	100	0	22.67	22.76	22.69			
20	16QAM	1	0	22.82	22.90	22.85			
20	16QAM	1	49	22.88	22.91	22.85	23.5		
20	16QAM	1	99	22.79	23.10	23.13			
20	16QAM	50	0	21.59	21.79	21.72			
20	16QAM	50	24	21.66	21.75	21.69			
20	16QAM	50	50	21.74	21.75	21.71	22.5	2	
20	16QAM	100	0	21.66	21.73	21.71			
20	64QAM	1	0	21.80	22.06	22.05			
20	64QAM	1	49	21.77	21.91	21.85			
20	64QAM	1	99	21.80	21.93	22.13	21.5	3	
20	64QAM	50	0	20.61	20.76	20.76			
20	64QAM	50	24	20.68	20.82	20.71			
20	64QAM	50	50	20.71	20.80	20.70			
20	64QAM	100	0	20.65	20.78	20.72			
Channel									
Frequency (MHz)				20825	21100	21375	Turn-up limit (dBm)	MPR (dB)	
				2507.5	2535	2562.5			
15	QPSK	1	0	23.67	23.79	23.76	24.5	0	
15	QPSK	1	37	23.69	23.65	23.69			
15	QPSK	1	74	23.64	23.70	23.67			
15	QPSK	36	0	22.67	22.70	22.67			
15	QPSK	36	20	22.65	22.66	22.71	23.5	1	
15	QPSK	36	39	22.66	22.69	22.70			
15	QPSK	75	0	22.58	22.75	22.80			
15	16QAM	1	0	22.67	22.66	22.68			
15	16QAM	1	37	22.83	22.80	22.76	23.5	1	
15	16QAM	1	74	22.70	23.03	23.11			
15	16QAM	36	0	21.50	21.71	21.64			
15	16QAM	36	20	21.61	21.63	21.80			
15	16QAM	36	39	21.62	21.68	21.58	22.5	2	
15	16QAM	75	0	21.60	21.71	21.59			
15	64QAM	1	0	21.69	22.05	22.01			
15	64QAM	1	37	21.72	21.86	21.73			
15	64QAM	1	74	21.67	21.78	22.06	21.5	3	
15	64QAM	36	0	20.57	20.69	20.62			
15	64QAM	36	20	20.58	20.81	20.56			
15	64QAM	36	39	20.56	20.77	20.69			
15	64QAM	75	0	20.51	20.74	20.82			
Channel									
Frequency (MHz)				20800	21100	21400	Turn-up limit (dBm)	MPR (dB)	
				2506	2535	2565			
10	QPSK	1	0	23.65	23.79	23.72	24.5	0	
10	QPSK	1	25	23.66	23.68	23.63			
10	QPSK	1	49	23.64	23.70	23.70			
10	QPSK	25	0	22.62	22.66	22.72			
10	QPSK	25	12	22.57	22.67	22.64	23.5	1	
10	QPSK	25	25	22.64	22.63	22.69			
10	QPSK	50	0	22.54	22.73	22.84			
10	16QAM	1	0	22.75	22.80	22.77			
10	16QAM	1	25	22.80	22.86	22.88	23.5	1	
10	16QAM	1	49	21.49	21.67	21.58			
10	16QAM	25	0	21.52	21.73	21.65			
10	16QAM	25	12	21.56	21.64	21.57			
10	16QAM	25	25	21.62	21.67	21.68	22.5		
10	16QAM	50	0	21.51	21.67	21.70			
10	64QAM	1	0	21.72	21.98	21.90			
10	64QAM	1	25	21.67	21.81	21.84			
10	64QAM	1	49	21.67	21.81	21.84	22.5	2	
10	64QAM	25	0	20.48	20.74	20.74			
10	64QAM	25	12	20.65	20.73	20.69			
10	64QAM	25	25	20.60	20.72	20.65			
10	64QAM	50	0	20.62	20.72	20.85			
Channel									
Frequency (MHz)				20775	21100	21425	Turn-up limit (dBm)	MPR (dB)	
				2502.5	2535	2567.5			
5	QPSK	1	0	23.60	23.85	23.85	24.5	0	
5	QPSK	1	12	23.57	23.74	23.62			
5	QPSK	1	24	23.66	23.84	23.68			
5	QPSK	12	0	22.63	22.66	22.67			
5	QPSK	12	7	22.62	22.59	22.72	23.5	1	
5	QPSK	12	13	22.63	22.66	22.59			
5	QPSK	25	0	22.56	22.65	22.65			
5	16QAM	1	0	22.73	22.81	22.89			
5	16QAM	1	12	22.75	22.84	22.72	23.5	1	
5	16QAM	1	24	22.74	22.99	22.97			
5	16QAM	12	0	21.59	21.67	21.67			
5	16QAM	12	7	21.57	21.94	21.58			
5	16QAM	12	13	21.61	21.67	21.65	22.5	2	
5	16QAM	25	0	21.52	21.62	21.60			
5	64QAM	1	0	21.70	22.04	21.98			
5	64QAM	1	12	21.64	21.82	21.77			
5	64QAM	1	24	21.70	21.88	22.01	22.5	2	
5	64QAM	12	0	20.59	20.84	20.62			
5	64QAM	12	7	20.57	20.86	20.67			
5	64QAM	12	13	20.62	20.75	20.57			
5	64QAM	25	0	20.62	20.73	20.68			

Band 12_Ant 0											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				23060	23095	23130					
Frequency (MHz)				704	707.5	711					
10	QPSK	1	0	23.43	23.50	23.45	24.5	0			
10	QPSK	1	25	23.22	23.39	23.29					
10	QPSK	1	49	23.41	23.47	23.22					
10	QPSK	25	0	22.28	22.30	22.25					
10	QPSK	25	12	22.21	22.20	22.22	23.5	1			
10	QPSK	25	25	22.24	22.28	22.22					
10	QPSK	50	0	22.23	22.27	22.24					
10	16QAM	1	0	22.52	22.37	22.80					
10	16QAM	1	25	22.42	22.32	22.35	23.5	1			
10	16QAM	1	49	22.66	22.55	22.81					
10	16QAM	25	0	21.24	21.18	21.20					
10	16QAM	25	12	21.14	21.26	21.18					
10	16QAM	25	25	21.18	21.36	21.25	22.5	2			
10	16QAM	50	0	21.17	21.24	21.23					
10	64QAM	1	0	21.25	21.36	21.22					
10	64QAM	1	25	21.53	21.35	21.40					
10	64QAM	1	49	21.50	21.39	21.35	22.5	2			
10	64QAM	25	0	20.19	20.28	20.21					
10	64QAM	25	12	20.25	20.21	20.31					
10	64QAM	25	25	20.27	20.37	20.23					
10	64QAM	50	0	20.29	20.25	20.23	Tune-up limit (dBm)				
Channel				23035	23095	23155					
Frequency (MHz)				701.5	707.5	713.5					
5	QPSK	1	0	23.38	23.37	23.38	24.5	0			
5	QPSK	1	12	23.08	23.28	23.15					
5	QPSK	1	24	23.31	23.38	23.19					
5	QPSK	12	0	22.26	22.28	22.21					
5	QPSK	12	7	22.07	22.19	22.07	23.5	1			
5	QPSK	12	13	22.12	22.23	22.16					
5	QPSK	25	0	22.17	22.24	22.18					
5	16QAM	1	0	22.37	22.28	22.56					
5	16QAM	1	12	22.37	22.17	22.33	23.5	1			
5	16QAM	1	24	22.59	22.45	22.59					
5	16QAM	12	0	21.14	21.04	21.11					
5	16QAM	12	7	21.02	21.14	21.14					
5	16QAM	12	13	21.09	21.25	21.13	22.5	2			
5	16QAM	25	0	21.06	21.19	21.18					
5	64QAM	1	0	21.13	21.29	21.08					
5	64QAM	1	12	21.36	21.31	21.25					
5	64QAM	1	24	21.47	21.29	21.34	21.5	3			
5	64QAM	12	0	20.11	20.23	20.19					
5	64QAM	12	7	20.19	20.13	20.27					
5	64QAM	12	13	20.20	20.26	20.16					
5	64QAM	25	0	20.20	20.22	20.08	Tune-up limit (dBm)				
Channel				23025	23095	23165					
Frequency (MHz)				700.5	707.5	714.5					
3	QPSK	1	0	23.40	23.49	23.35	24.5	0			
3	QPSK	1	8	23.16	23.31	23.21					
3	QPSK	1	14	23.36	23.45	23.21					
3	QPSK	8	0	22.19	22.25	22.19					
3	QPSK	8	4	22.06	22.09	22.11	23.5	1			
3	QPSK	8	7	22.14	22.22	22.16					
3	QPSK	15	0	22.09	22.19	22.20					
3	16QAM	1	0	22.51	22.30	22.59					
3	16QAM	1	8	22.35	22.25	22.28	23.5	1			
3	16QAM	1	14	22.53	22.48	22.54					
3	16QAM	8	0	21.14	21.08	21.06					
3	16QAM	8	4	21.09	21.14	21.16					
3	16QAM	8	7	21.03	21.30	21.11	22.5	2			
3	16QAM	15	0	21.12	21.14	21.22					
3	64QAM	1	0	21.21	21.35	21.09					
3	64QAM	1	8	21.46	21.22	21.39					
3	64QAM	1	14	21.38	21.34	21.29	21.5	3			
3	64QAM	8	0	20.11	20.18	20.17					
3	64QAM	8	4	20.16	20.10	20.27					
3	64QAM	8	7	20.19	20.35	20.20					
3	64QAM	15	0	20.16	20.17	20.22	Tune-up limit (dBm)				
Channel				23017	23095	23173					
Frequency (MHz)				699.7	707.5	715.3					
1.4	QPSK	1	0	23.32	23.45	23.37	24.5	0			
1.4	QPSK	1	3	23.16	23.26	23.17					
1.4	QPSK	1	5	23.38	23.40	23.21					
1.4	QPSK	3	0	23.39	23.42	23.42					
1.4	QPSK	3	1	23.20	23.28	23.17	23.5	1			
1.4	QPSK	3	3	23.36	23.40	23.09					
1.4	QPSK	6	0	22.20	22.18	22.20					
1.4	16QAM	1	0	22.45	22.28	22.55					
1.4	16QAM	1	3	22.30	22.26	22.30	23.5	1			
1.4	16QAM	1	5	22.58	22.51	22.46					
1.4	16QAM	3	0	22.46	22.25	22.46					
1.4	16QAM	3	1	22.33	22.28	22.26					
1.4	16QAM	3	3	22.62	22.48	22.46	22.5	2			
1.4	16QAM	6	0	21.11	21.11	21.10					
1.4	64QAM	1	0	21.19	21.27	21.19					
1.4	64QAM	1	3	21.42	21.21	21.29					
1.4	64QAM	1	5	21.43	21.30	21.25	22.5	2			
1.4	64QAM	3	0	21.13	21.32	21.14					
1.4	64QAM	3	1	21.38	21.20	21.27					
1.4	64QAM	3	3	21.36	21.35	21.24					
1.4	64QAM	6	0	20.22	20.22	20.19	21.5	3			

Band 12_Ant 4												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				23060	23095	23130						
Frequency (MHz)				704	707.5	711						
10	QPSK	1	0	23.66	23.72	23.69	24.5	0				
10	QPSK	1	25	23.60	23.64	23.54						
10	QPSK	1	49	23.62	23.43	23.38						
10	QPSK	25	0	22.55	22.60	22.53						
10	QPSK	25	12	22.51	22.52	22.51	23.5	1				
10	QPSK	25	25	22.53	22.56	22.45						
10	QPSK	50	0	22.53	22.58	22.47						
10	16QAM	1	0	22.95	22.63	22.99						
10	16QAM	1	25	22.94	22.60	22.70	23.5					
10	16QAM	1	49	22.99	22.76	22.64						
10	16QAM	25	0	21.52	21.64	21.46						
10	16QAM	25	12	21.43	21.53	21.43						
10	16QAM	25	25	21.60	21.54	21.44	22.5	2				
10	16QAM	50	0	21.56	21.56	21.44						
10	64QAM	1	0	21.75	21.73	21.87						
10	64QAM	1	25	21.85	21.80	21.77						
10	64QAM	1	49	21.71	21.69	21.84	22.5	2				
10	64QAM	25	0	20.53	20.50	20.49						
10	64QAM	25	12	20.58	20.52	20.48						
10	64QAM	25	25	20.51	20.49	20.48						
10	64QAM	50	0	20.53	20.52	20.46	21.5	3				
Channel				23035	23095	23155						
Frequency (MHz)				701.5	707.5	713.5						
5	QPSK	1	0	23.55	23.70	23.57				24.5	0	
5	QPSK	1	12	23.49	23.55	23.49						
5	QPSK	1	24	23.54	23.34	23.28						
5	QPSK	12	0	22.53	22.51	22.50						
5	QPSK	12	7	22.49	22.49	22.37	23.5	1				
5	QPSK	12	13	22.48	22.51	22.31						
5	QPSK	25	0	22.44	22.52	22.42						
5	16QAM	1	0	22.87	22.57	22.90						
5	16QAM	1	12	22.87	22.61	22.67	23.5	1				
5	16QAM	1	24	22.95	22.68	22.82						
5	16QAM	12	0	21.46	21.59	21.41						
5	16QAM	12	7	21.40	21.50	21.30						
5	16QAM	12	13	21.54	21.43	21.29	22.5	2				
5	16QAM	25	0	21.44	21.42	21.37						
5	64QAM	1	0	21.71	21.71	21.81						
5	64QAM	1	12	21.81	21.74	21.74						
5	64QAM	1	24	21.68	21.65	21.71	22.5	2				
5	64QAM	12	0	20.39	20.36	20.30						
5	64QAM	12	7	20.55	20.48	20.45						
5	64QAM	12	13	20.48	20.39	20.48						
5	64QAM	25	0	20.44	20.39	20.42	21.5	3				
Channel				23025	23095	23165						
Frequency (MHz)				700.5	707.5	714.5						
3	QPSK	1	0	23.58	23.63	23.68				24.5	0	
3	QPSK	1	8	23.58	23.59	23.44						
3	QPSK	1	14	23.56	23.35	23.37						
3	QPSK	8	0	22.43	22.59	22.48						
3	QPSK	8	4	22.46	22.42	22.45	23.5	1				
3	QPSK	8	7	22.49	22.55	22.43						
3	QPSK	15	0	22.48	22.49	22.40						
3	16QAM	1	0	22.91	22.57	22.96						
3	16QAM	1	8	22.91	22.65	22.68	23.5	1				
3	16QAM	1	14	22.91	22.68	22.56						
3	16QAM	8	0	21.47	21.53	21.43						
3	16QAM	8	4	21.42	21.48	21.30						
3	16QAM	8	7	21.55	21.43	21.41	22.5	2				
3	16QAM	15	0	21.49	21.50	21.39						
3	64QAM	1	0	21.64	21.67	21.81						
3	64QAM	1	8	21.81	21.83	21.74						
3	64QAM	1	14	21.68	21.66	21.83	22.5	2				
3	64QAM	8	0	20.52	20.40	20.43						
3	64QAM	8	4	20.48	20.48	20.34						
3	64QAM	8	7	20.43	20.41	20.43						
3	64QAM	15	0	20.40	20.49	20.35	21.5	3				
Channel				23017	23095	23173						
Frequency (MHz)				699.7	707.5	715.3						
1.4	QPSK	1	0	23.56	23.60	23.67				24.5	0	
1.4	QPSK	1	3	23.57	23.60	23.40						
1.4	QPSK	1	5	23.51	23.41	23.25						
1.4	QPSK	3	0	23.46	23.46	23.67						
1.4	QPSK	3	1	23.53	23.62	23.48	24.5	0				
1.4	QPSK	3	3	23.57	23.42	23.27						
1.4	QPSK	6	0	22.39	22.47	22.43						
1.4	16QAM	1	0	22.93	22.51	22.88						
1.4	16QAM	1	3	22.80	22.55	22.61	23.5	1				
1.4	16QAM	1	5	22.87	22.64	22.52						
1.4	16QAM	3	0	22.98	22.48	22.67						
1.4	16QAM	3	1	22.93	22.59	22.63						
1.4	16QAM	3	3	22.85	22.62	22.56	22.5	2				
1.4	16QAM	6	0	21.52	21.51	21.37						
1.4	8QAM	1	0	21.70	21.69	21.79						
1.4	8QAM	1	3	21.74	21.82	21.87						
1.4	8QAM	1	5	21.59	21.58	21.72	22.5	2				
1.4	8QAM	3	0	21.70	21.63	21.79						
1.4	8QAM	3	1	21.73	21.81	21.72						
1.4	8QAM	3	3	21.63	21.54	21.73						
1.4	8QAM	6	0	20.52	20.45	20.44	21.5	3				

Band 66_Ant 1													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)					
Channel				132072	132322	132572							
Frequency (MHz)				1720	1745	1770							
20	QPSK	1	0	23.40	23.45	23.44	24.5	0					
20	QPSK	1	49	23.34	23.35	23.42							
20	QPSK	1	99	23.12	23.14	23.26							
20	QPSK	50	0	22.36	22.42	22.40							
20	QPSK	50	24	22.30	22.33	22.35	23.5	1					
20	QPSK	50	50	22.26	22.28	22.36							
20	QPSK	100	0	22.32	22.40	22.36							
20	16QAM	1	0	22.59	22.48	22.65							
20	16QAM	1	49	22.64	22.57	22.64	23.5	1					
20	16QAM	1	99	22.42	22.45	22.47							
20	16QAM	50	0	21.28	21.33	21.45							
20	16QAM	50	24	21.29	21.33	21.42							
20	16QAM	50	50	21.25	21.29	21.35	22.5	2					
20	16QAM	100	0	21.23	21.30	21.39							
20	64QAM	1	0	21.40	21.38	21.55							
20	64QAM	1	49	21.40	21.51	21.52							
20	64QAM	1	99	21.31	21.38	21.46	22.5	2					
20	64QAM	50	0	20.30	20.34	20.49							
20	64QAM	50	24	20.32	20.34	20.44							
20	64QAM	50	50	20.27	20.29	20.38							
20	64QAM	100	0	20.25	20.31	20.41	21.5	3					
Channel													
				132047	132322	132597							
Frequency (MHz)													
15	QPSK	1	0	23.38	23.38	23.39	24.5	0					
15	QPSK	1	37	23.27	23.31	23.31							
15	QPSK	1	74	23.04	23.10	23.15							
15	QPSK	36	0	22.23	22.33	22.26							
15	QPSK	36	20	22.19	22.31	22.33	23.5	1					
15	QPSK	36	39	22.14	22.13	22.23							
15	QPSK	75	0	22.28	22.37	22.23							
15	16QAM	1	0	22.56	22.35	22.53							
15	16QAM	1	37	22.43	22.43	22.58	23.5	1					
15	16QAM	1	74	22.33	22.36	22.46							
15	16QAM	36	0	21.14	21.30	21.44							
15	16QAM	36	20	21.23	21.27	21.33							
15	16QAM	36	39	21.13	21.14	21.26	22.5	2					
15	16QAM	75	0	21.22	21.26	21.38							
15	64QAM	1	0	21.33	21.34	21.52							
15	64QAM	1	37	21.26	21.47	21.38							
15	64QAM	1	74	21.29	21.36	21.33	22.5	2					
15	64QAM	36	0	20.19	20.32	20.43							
15	64QAM	36	20	20.29	20.20	20.38							
15	64QAM	36	39	20.26	20.25	20.24							
15	64QAM	75	0	20.21	20.23	20.33	21.5	3					
Channel													
				132022	132322	132622							
Frequency (MHz)													
10	QPSK	1	0	23.39	23.31	23.37	24.5	0					
10	QPSK	1	25	23.21	23.33	23.29							
10	QPSK	1	49	23.10	23.14	23.16							
10	QPSK	25	0	22.29	22.37	22.27							
10	QPSK	25	12	22.18	22.22	22.23	23.5	1					
10	QPSK	25	25	22.19	22.25	22.31							
10	QPSK	50	0	22.20	22.30	22.34							
10	16QAM	1	0	22.46	22.34	22.51							
10	16QAM	1	25	22.56	22.50	22.63	23.5	1					
10	16QAM	1	49	22.33	22.42	22.40							
10	16QAM	25	0	21.19	21.24	21.38							
10	16QAM	25	12	21.19	21.28	21.37							
10	16QAM	25	25	21.19	21.26	21.37	22.5	2					
10	16QAM	50	0	21.16	21.22	21.25							
10	64QAM	1	0	21.30	21.23	21.52							
10	64QAM	1	25	21.26	21.41	21.45							
10	64QAM	1	49	21.30	21.27	21.43	22.5	2					
10	64QAM	25	0	20.20	20.32	20.37							
10	64QAM	25	12	20.23	20.29	20.34							
10	64QAM	25	25	20.15	20.21	20.25							
10	64QAM	50	0	20.14	20.28	20.37	21.5	3					
Channel													
				131997	132322	132647							
Frequency (MHz)													
5	QPSK	1	0	23.35	23.39	23.32	24.5	0					
5	QPSK	1	12	23.29	23.27	23.36							
5	QPSK	1	24	23.00	23.12	23.17							
5	QPSK	12	0	22.24	22.33	22.26							
5	QPSK	12	7	22.21	22.31	22.26	23.5	1					
5	QPSK	12	13	22.11	22.18	22.25							
5	QPSK	25	0	22.17	22.32	22.23							
5	16QAM	1	0	22.54	22.35	22.61							
5	16QAM	1	12	22.59	22.44	22.58	23.5	1					
5	16QAM	1	24	22.37	22.42	22.40							
5	16QAM	12	0	21.25	21.29	21.44							
5	16QAM	12	7	21.24	21.19	21.28							
5	16QAM	12	13	21.24	21.21	21.29	22.5	2					
5	16QAM	25	0	21.21	21.27	21.24							
5	64QAM	1	0	21.26	21.34	21.49							
5	64QAM	1	12	21.27	21.36	21.45							
5	64QAM	1	24	21.30	21.27	21.43	22.5	2					
5	64QAM	12	0	20.20	20.25	20.35							
5	64QAM	12	7	20.29	20.27	20.29							
5	64QAM	12	13	20.21	20.28	20.32							
5	64QAM	25	0	20.10	20.21	20.28	21.5	3					
Channel													
				131987	132322	132657							
Frequency (MHz)													
3	QPSK	1	0	23.27	23.41	23.40	24.5	0					
3	QPSK	1	8	23.32	23.20	23.38							
3	QPSK	1	16	23.26	23.17	23.32							
3	QPSK	8	0	22.31	22.32	22.34							
3	QPSK	8	4	22.18	22.29	22.34	23.5	1					
3	QPSK	8	7	22.24	22.13	22.35							
3	QPSK	15	0	22.20	22.31	22.22							
3	16QAM	1	0	22.48	22.45	22.54							
3	16QAM	1	8	22.49	22.48	22.51	23.5	1					
3	16QAM	1	16	22.40	22.37	22.48							
3	16QAM	8	0	21.22	21.19	21.39							
3	16QAM	8	4	21.14	21.22	21.37							
3	16QAM	8	7	21.15	21.18	21.32	22.5	2					
3	16QAM	15	0	21.14	21.18	21.33							
3	64QAM	1	0	21.32	21.24	21.49							
3	64QAM	1	8	21.26	21.45	21.43	22.5	2					
3	64QAM	1	16	21.16	21.31	21.45							
3	64QAM	8	0	20.26	20.30	20.47							
3	64QAM	8	4	20.24	20.30	20.33							
3	64QAM	8	7	20.24	20.19	20.33	21.5	3					
3	64QAM	15	0	20.18	20.25	20.36							
Channel													
				131979	132322	132665							
Frequency (MHz)													
1.4	QPSK	1	0	23.33	23.34	23.35	24.5	0					
1.4	QPSK	1	3	23.27	23.33	23.38							
1.4	QPSK	1	5	23.07	23.11	23.19							
1.4	QPSK	3	0	22.37	22.41	22.39							
1.4	QPSK	3	1	23.28	23.30	23.33	23.5	1					
1.4	QPSK	3	3	22.97	23.19	23.22							
1.4	QPSK	6	0	23.21	22.34	22.35							
1.4	16QAM	1	0	22.52	22.45	22.63							
1.4	16QAM	1	3	22.58	22.47	22.58	23.5	1					
1.4	16QAM	1	5	22.30	22.41	22.35							
1.4	16QAM	3	0	22.47	22.41	22.60							
1.4	16QAM	3	1	22.48	22.44	22.50							
1.4	16QAM	3	3	22.36	22.34	22.34	22.5	2					
1.4	16QAM	6	0	21.21	21.18	21.28							
1.4	64QAM	1	0	21.29	21.37	21.42							
1.4	64QAM	1	3	21.25	21.41	21.45							
1.4	64QAM	1	5	21.19	21.29	21.38	22.5	2					
1.4	64QAM	3	0	21.29	21.37	21.53							
1.4	64QAM	3	1	21.36	21.38	21.45							
1.4	64QAM	3	3	21.23	21.37	21.32							
1.4	64QAM	6	0	20.14	20.26	20.31	21.5	3					

LTE Band 71_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Max Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				133222	133297	133372				
Frequency (MHz)				673	680.5	688				
20	QPSK	1	0	23.38	23.41	23.46	24.5	0		
20	QPSK	1	49	23.21	23.24	23.20				
20	QPSK	1	99	23.16	23.22	23.22				
20	QPSK	50	0	22.35	22.39	22.29				
20	QPSK	50	24	22.29	22.29	22.25	23.5	1		
20	QPSK	50	50	22.33	22.23	22.24				
20	QPSK	100	0	22.51	22.34	22.26				
20	16QAM	1	0	22.53	22.52	22.53				
20	16QAM	1	49	22.48	22.44	22.48	23.5	1		
20	16QAM	1	99	22.49	22.54	22.56				
20	16QAM	50	0	21.35	21.21	21.23				
20	16QAM	50	24	21.27	21.26	21.27				
20	16QAM	50	50	21.34	21.29	21.25	22.5	2		
20	16QAM	100	0	21.35	21.22	21.25				
20	64QAM	1	0	21.42	21.44	21.46				
20	64QAM	1	49	21.34	21.45	21.35				
20	64QAM	1	99	21.40	21.49	21.51	21.5	3		
20	64QAM	50	0	20.34	20.23	20.22				
20	64QAM	50	24	20.28	20.31	20.29				
20	64QAM	50	50	20.35	20.31	20.27				
20	64QAM	100	0	20.36	20.26	20.24				
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				670.5	680.5	690.5				
15	QPSK	1	0	23.20	23.31	23.06	24.5	0		
15	QPSK	1	37	23.12	23.06	23.10				
15	QPSK	1	74	23.11	22.99	23.13				
15	QPSK	36	0	22.26	22.14	22.04				
15	QPSK	36	20	22.07	22.04	22.06	23.5	1		
15	QPSK	36	39	22.29	22.05	22.15				
15	QPSK	75	0	22.22	22.16	22.09				
15	16QAM	1	0	22.26	22.46	22.44				
15	16QAM	1	37	22.26	22.29	22.24	23.5	1		
15	16QAM	1	74	22.39	22.34	22.45				
15	16QAM	36	0	21.12	20.97	21.14				
15	16QAM	36	20	21.08	21.21	21.21				
15	16QAM	36	39	21.09	21.16	21.04	22.5	2		
15	16QAM	75	0	21.29	21.09	21.05				
15	64QAM	1	0	21.22	21.27	21.22				
15	64QAM	1	37	21.19	21.36	21.24				
15	64QAM	1	74	21.30	21.28	21.44	21.5	3		
15	64QAM	36	0	20.15	20.16	20.00				
15	64QAM	36	20	20.17	20.25	20.24				
15	64QAM	36	39	20.24	20.25	20.10				
15	64QAM	75	0	20.27	20.14	20.08				
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				668	680.5	693				
10	QPSK	1	0	23.28	23.16	23.17	24.5	0		
10	QPSK	1	25	23.03	23.16	23.07				
10	QPSK	1	49	22.96	23.00	23.08				
10	QPSK	25	0	22.30	22.15	22.16				
10	QPSK	25	12	22.21	22.07	22.06	23.5	1		
10	QPSK	25	25	22.18	21.98	21.99				
10	QPSK	50	0	22.25	22.19	22.02				
10	16QAM	1	0	22.37	22.43	22.41				
10	16QAM	1	25	22.26	22.31	22.28	23.5	1		
10	16QAM	1	49	22.39	22.31	22.46				
10	16QAM	25	0	21.16	21.05	21.03				
10	16QAM	25	12	21.14	21.20	21.19				
10	16QAM	25	25	21.13	21.22	21.10	22.5	2		
10	16QAM	50	0	21.29	21.03	21.06				
10	64QAM	1	0	21.35	21.32	21.34				
10	64QAM	1	25	21.16	21.36	21.12				
10	64QAM	1	49	21.23	21.26	21.43	22.5	2		
10	64QAM	25	0	20.20	20.18	20.11				
10	64QAM	25	12	20.03	20.10	20.21				
10	64QAM	25	25	20.24	20.19	20.08				
10	64QAM	50	0	20.21	20.18	20.06				
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				665.5	680.5	695.5				
5	QPSK	1	0	23.27	23.35	23.10	24.5	0		
5	QPSK	1	12	23.04	23.09	23.03				
5	QPSK	1	24	23.02	23.09	23.02				
5	QPSK	12	0	22.22	22.30	22.09				
5	QPSK	12	7	22.21	22.20	22.09	23.5	1		
5	QPSK	12	13	22.12	22.11	22.12				
5	QPSK	25	0	22.26	22.12	22.07				
5	16QAM	1	0	22.34	22.33	22.36				
5	16QAM	1	12	22.30	22.36	22.43	23.5	1		
5	16QAM	1	24	22.29	22.36	22.42				
5	16QAM	12	0	21.29	20.99	21.18				
5	16QAM	12	7	21.07	21.18	21.18				
5	16QAM	12	13	21.26	21.16	21.01	22.5	2		
5	16QAM	25	0	21.15	21.05	21.09				
5	64QAM	1	0	21.24	21.20	21.33				
5	64QAM	1	12	21.20	21.30	21.17				
5	64QAM	1	24	21.31	21.29	21.36	22.5	2		
5	64QAM	12	0	20.10	20.17	20.13				
5	64QAM	12	7	20.15	20.18	20.10				
5	64QAM	12	13	20.20	20.06	20.22				
5	64QAM	25	0	20.19	20.18	20.08				

LTE Band 71_Ant 4										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Max Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				133222	133297	133372				
Frequency (MHz)				673	680.5	688				
20	QPSK	1	0	23.62	23.69	23.55	24.5	0		
20	QPSK	1	49	23.49	23.50	23.53				
20	QPSK	1	99	23.58	23.59	23.47				
20	QPSK	50	0	22.69	22.71	22.57				
20	QPSK	50	24	22.64	22.63	22.53	23.5	1		
20	QPSK	50	50	22.61	22.64	22.55				
20	QPSK	100	0	22.61	22.69	22.53				
20	16QAM	1	0	22.85	22.92	22.84				
20	16QAM	1	49	22.82	22.88	22.74	23.5	1		
20	16QAM	1	99	22.77	22.79	22.69				
20	16QAM	50	0	21.75	21.82	21.52				
20	16QAM	50	24	21.63	21.59	21.59				
20	16QAM	50	50	21.65	21.62	21.54	22.5	2		
20	16QAM	100	0	21.65	21.61	21.52				
20	64QAM	1	0	21.69	21.73	21.73				
20	64QAM	1	49	21.67	21.71	21.66				
20	64QAM	1	99	21.63	21.72	21.62	21.5	3		
20	64QAM	50	0	20.68	20.62	20.51				
20	64QAM	50	24	20.66	20.64	20.61				
20	64QAM	50	50	20.69	20.64	20.58				
20	64QAM	100	0	20.64	20.64	20.55				
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				670.5	680.5	690.5				
15	QPSK	1	0	23.51	23.45	23.48	24.5	0		
15	QPSK	1	37	23.36	23.33	23.48				
15	QPSK	1	74	23.50	23.51	23.25				
15	QPSK	36	0	22.60	22.54	22.52				
15	QPSK	36	20	22.48	22.45	22.30	23.5	1		
15	QPSK	36	39	22.44	22.54	22.41				
15	QPSK	75	0	22.43	22.60	22.42				
15	16QAM	1	0	22.64	22.79	22.79				
15	16QAM	1	37	22.76	22.69	22.50	23.5	1		
15	16QAM	1	74	22.93	22.96	22.46				
15	16QAM	36	0	21.57	21.49	21.35				
15	16QAM	36	20	21.45	21.54	21.47				
15	16QAM	36	39	21.51	21.56	21.41	22.5	2		
15	16QAM	75	0	21.46	21.42	21.30				
15	64QAM	1	0	21.78	21.83	21.81				
15	64QAM	1	37	21.82	21.62	21.53				
15	64QAM	1	74	21.54	21.63	21.61	22.5	2		
15	64QAM	36	0	20.44	20.37	20.44				
15	64QAM	36	20	20.50	20.54	20.50				
15	64QAM	36	39	20.53	20.43	20.39				
15	64QAM	75	0	20.52	20.41	20.35				
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				668	680.5	693				
10	QPSK	1	0	23.56	23.47	23.48	24.5	0		
10	QPSK	1	25	23.27	23.35	23.42				
10	QPSK	1	49	23.34	23.51	23.27				
10	QPSK	26	0	22.61	22.63	22.40				
10	QPSK	25	12	22.48	22.41	22.46	23.5	1		
10	QPSK	25	25	22.36	22.55	22.25				
10	QPSK	50	0	22.41	22.47	22.44				
10	16QAM	1	0	22.79	22.69	22.57				
10	16QAM	1	25	22.73	22.70	22.77	23.5	1		
10	16QAM	1	49	22.49	22.53	22.46				
10	16QAM	25	0	21.52	21.53	21.36				
10	16QAM	25	12	21.43	21.36	21.39				
10	16QAM	25	25	21.53	21.54	21.40	22.5	2		
10	16QAM	50	0	21.59	21.49	21.32				
10	64QAM	1	0	21.55	21.58	21.62				
10	64QAM	1	25	21.73	21.64	21.50				
10	64QAM	1	49	21.48	21.48	21.51	22.5	2		
10	64QAM	25	0	20.54	20.39	20.35				
10	64QAM	25	12	20.41	20.42	20.50				
10	64QAM	25	25	20.50	20.50	20.44				
10	64QAM	50	0	20.54	20.46	20.49				
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				665.5	680.5	695.5				
5	QPSK	1	0	23.53	23.55	23.34	24.5	0		
5	QPSK	1	12	23.43	23.45	23.48				
5	QPSK	1	24	23.43	23.43	23.42				
5	QPSK	12	7	23.43	23.43	23.36				
5	QPSK	12	7	22.44	22.47	22.44	23.5	1		
5	QPSK	12	13	22.41	22.63	22.29				
5	16QAM	1	0	22.47	22.62	22.62				
5	16QAM	1	12	22.68	22.78	22.62				
5	16QAM	1	24	22.71	22.54	22.47	23.5	1		
5	16QAM	12	7	21.50	21.54	21.45				
5	16QAM	12	7	21.46	21.53	21.47				
5	16QAM	12	13	21.60	21.50	21.43				
5	16QAM	25	0	21.49	21.48	21.39	22.5	2		
5	64QAM	1	0	21.60	21.59	21.50				
5	64QAM	1	12	21.74	21.46	21.52				
5	64QAM	1	24	21.51	21.56	21.45				
5	64QAM	12	0	20.65	20.47	20.35	22.5	2		
5	64QAM	12	7	20.56	20.56	20.37				
5	64QAM	12	13	20.44	20.50	20.35				
5	64QAM	25	0	20.57	20.58	20.47				

Band 41_Ant 1													
BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power Low High Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-on time (s)	Turn-off time (s)	APRS (dB)		
Channel													
Frequency (MHz)				36750	40165	40600	41005	41400					
				2500	2645.5	2690	2835.5	2880					
20	QPSK	1	5	19.60	19.36	19.39	19.61	19.36	21.5	0			
20	QPSK	1	49	19.60	19.68	19.23	19.67	19.23					
20	QPSK	1	96	19.67	19.62	19.20	19.67	19.20					
20	QPSK	50	5	19.64	19.74	19.24	19.62	19.20					
20	QPSK	50	24	19.65	19.66	19.25	19.66	19.25					
20	QPSK	50	36	19.66	19.68	19.26	19.66	19.26	21.5	0			
20	QPSK	100	5	19.60	19.60	19.34	19.67	19.26					
20	QPSK	100	1	19.60	19.60	19.37	19.62	19.30					
20	QPSK	1	49	19.65	19.63	19.33	19.62	19.30					
20	QPSK	1	96	19.66	19.63	19.22	19.64	19.24					
20	QPSK	50	5	19.60	19.60	19.34	19.67	19.26	21.5	0			
20	QPSK	50	24	19.74	19.61	19.15	19.62	19.20					
20	QPSK	50	36	19.63	19.62	19.15	19.66	19.15					
20	QPSK	100	5	19.60	19.62	19.31	19.67	19.30					
20	QPSK	100	1	19.76	19.69	19.23	19.67	19.23					
20	QPSK	1	49	19.73	19.77	19.23	19.62	19.23	21.5	0			
20	QPSK	1	96	19.76	19.65	19.18	19.71	19.12					
20	QPSK	50	5	19.75	19.61	19.20	19.60	19.10					
20	QPSK	50	24	19.74	19.61	19.15	19.65	19.12					
20	QPSK	50	36	19.67	19.61	19.09	19.62	19.10					
20	QPSK	100	5	19.60	19.62	19.31	19.67	19.37	21.5	0			
20	QPSK	100	1	19.76	19.77	19.23	19.62	19.23					
20	QPSK	1	49	19.73	19.77	19.23	19.62	19.23					
20	QPSK	1	96	19.76	19.65	19.18	19.71	19.12					
20	QPSK	50	5	19.75	19.61	19.20	19.60	19.10					
20	QPSK	50	24	19.74	19.61	19.15	19.65	19.12	21.5	0			
20	QPSK	50	36	19.67	19.61	19.09	19.62	19.10					
20	QPSK	100	5	19.60	19.62	19.31	19.67	19.37					
20	QPSK	100	1	19.76	19.77	19.23	19.62	19.23					
20	QPSK	1	49	19.73	19.77	19.23	19.62	19.23					
20	QPSK	1	96	19.76	19.65	19.18	19.71	19.12	21.5	0			
20	QPSK	50	5	19.75	19.61	19.20	19.60	19.10					
20	QPSK	50	24	19.74	19.61	19.15	19.65	19.12					
20	QPSK	50	36	19.67	19.61	19.09	19.62	19.10					
20	QPSK	100	5	19.60	19.62	19.31	19.67	19.37					
20	QPSK	100	1	19.76	19.77	19.23	19.62	19.23	21.5	0			
20	QPSK	1	49	19.73	19.77	19.23	19.62	19.23					
20	QPSK	1	96	19.76	19.65	19.18	19.71	19.12					
20	QPSK	50	5	19.75	19.61	19.20	19.60	19.10					
20	QPSK	50	24	19.74	19.61	19.15	19.65	19.12					
20	QPSK	50	36	19.67	19.61	19.09	19.62	19.10	21.5	0			
20	QPSK	100	5	19.60	19.62	19.31	19.67	19.37					
20	QPSK	100	1	19.76	19.77	19.23	19.62	19.23					
20	QPSK	1	49	19.73	19.77	19.23	19.62	19.23					
20	QPSK	1	96	19.76	19.65	19.18	19.71	19.12					
20	QPSK	50	5	19.75	19.61	19.20	19.60	19.10	21.5	0			
20	QPSK	50	24	19.74	19.61	19.15	19.65	19.12					
20	QPSK	50	36	19.67	19.61	19.09	19.62	19.10					
20	QPSK	100	5	19.60	19.62	19.31	19.67	19.37					
20	QPSK	100	1	19.76	19.77	19.23	19.62	19.23					
20	QPSK	1	49	19.73	19.77	19.23	19.62	19.23	21.5	0			
20	QPSK	1	96	19.76	19.65	19.18	19.71	19.12					
20	QPSK	50	5	19.75	19.61	19.20	19.60	19.10					
20	QPSK	50	24	19.74	19.61	19.15	19.65	19.12					
20	QPSK	50	36	19.67	19.61	19.09	19.62	19.10					
20	QPSK	100	5	19.60	19.62	19.31	19.67	19.37	21.5	0			
20	QPSK	100	1	19.76	19.77	19.23	19.62	19.23					
20	QPSK	1	49	19.73	19.77	19.23	19.62	19.23					
20	QPSK	1	96	19.76	19.65	19.18	19.71	19.12					
20	QPSK	50	5	19.75	19.61	19.20	19.60	19.10					
20	QPSK	50	24	19.74	19.61	19.15	19.65	19.12	21.5	0			
20	QPSK	50	36	19.67	19.61	19.09	19.62	19.10					
20	QPSK	100	5	19.60	19.62	19.31	19.67	19.37					
20	QPSK	100	1	19.76	19.77	19.23	19.62	19.23					
20	QPSK	1	49	19.73	19.77	19.23	19.62	19.23					
20	QPSK	1	96	19.76	19.65	19.18	19.71	19.12	21.5	0			
20	QPSK	50	5	19.75	19.61	19.20	19.60	19.10					
20	QPSK	50	24	19.74	19.61	19.15	19.65	19.12					
20	QPSK	50	36	19.67	19.61	19.09	19.62	19.10					
20	QPSK	100	5	19.60	19.62	19.31	19.67	19.37					
20	QPSK	100	1	19.76	19.77	19.23	19.62	19.23	21.5	0			
20	QPSK	1	49	19.73	19.77	19.23	19.62	19.23					
20	QPSK	1	96	19.76	19.65	19.18	19.71	19.12					
20	QPSK	50	5	19.75	19.61	19.20	19.60	19.10					
20	QPSK	50	24	19.74	19.61	19.15	19.65	19.12					
20	QPSK	50	36	19.67	19.61	19.09	19.62	19.10	21.5	0			
20	QPSK	100	5	19.60	19.62	19.31	19.67	19.37					
20	QPSK	100	1	19.76	19.77	19.23	19.62	19.23					
20	QPSK	1	49	19.73	19.77	19.23	19.62	19.23					
20	QPSK	1	96	19.76	19.65	19.18	19.71	19.12					
20	QPSK	50	5	19.75	19.61	19.20	19.60	19.10	21.5	0			
20	QPSK	50	24	19.74	19.61	19.15	19.65	19.12					
20	QPSK	50	36	19.67	19.61	19.09	19.62	19.10					
20	QPSK	100	5	19.60	19.62	19.31	19.67	19.37					
20	QPSK	100	1	19.76	19.77	19.23	19.62	19.23					
20	QPSK	1	49	19.73	19.77	19.23	19.62	19.23	21.5	0			
20	QPSK	1	96	19.76	19.65	19.18	19.71	19.12					
20	QPSK	50	5	19.75	19.61	19.20	19.60	19.10					
20	QPSK	50	24	19.74	19.61	19.15	19.65	19.12					
20	QPSK	50	36	19.67	19.61	19.09	19.62	19.10					
20	QPSK	100	5	19.60	19.62	19.31	19.67	19.37	21.5	0			
20	QPSK	100	1	19.76	19.77	19.23	19.62	19.23					
20	QPSK	1	49	19.73	19.77	19.23	19.62	19.23					
20	QPSK	1	96	19.76	19.65	19.18	19.71	19.12					
20	QPSK	50	5	19.75	19.61	19.20	19.60	19.10					
20	QPSK	50	24	19.74	19.61	19.15	19.65	19.12	21.5	0			
20	QPSK	50	36	19.67	19.61	19.09	19.62	19.10					
20	QPSK	100	5	19.60	19.62	19.31	19.67	19.37					
20	QPSK	100	1	19.76	19.77	19.23	19.62	19.23					
20	QPSK	1	49	19.73	19.77	19.23	19.62	19.23					
20	QPSK	1	96	19.76	19.65	19.18	19.71	19.12	21.5	0			
20	QPSK	50	5	19.75	19.61	19.20	19.60	19.10					
20	QPSK	50	24	19.74	19.61	19.15	19.65	19.12					
20	QPSK	50	36	19.67	19.61	19.09	19.62	19.10					
20	QPSK	100	5	19.60	19.62	19.31	19.67	19.37					
20	QPSK	100	1	19.76	19.77	19.23	19.62	19.23	21.5	0			
20	QPSK	1	49	19.73	19.77	19.23	19.62	19.23					
20	QPSK	1	96	19.76	19.65	19.18	19.71	19.12					
20	QPSK	50	5	19.75	19.61	19.20	19.60	19.10					
20	QPSK	50	24	19.74	19.61	19.15	19.65	19.12					
20	QPSK	50	36	19.67	19.61	19.09	19.62	19.10	21.5	0			
20	QPSK	100	5	19.60	19.62	19.31	19.67	19.37					
20	QPSK	100	1	19.76	19.77	19.23	19.62	19.23					
20	QPSK	1	49	19.73	19.77	19.23	19.62	19.23					
20	QPSK	1	96	19.76	19.65	19.18	19.71	19.12					
20	QPSK	50	5	19.75	19.61	19.20	19.60	19.10	21.5	0			
20	QPSK	50	24	19.74	19.61	19.15	19.65	19.12					
20	QPSK	50	36	19.67	19.61	19.09	19.62	19.10					
20	QPSK	100	5	19.60	19.62	19.31	19.67	19.37					
20	QPSK	100	1	19.76	19.77	19.23	19.62	19.23					
20	QPSK	1	49	19.73	19.77	19.23	19.62	19.23	21.5	0			
20	QPSK	1	96	19.76	19.65	19.18	19.71	19.12					
20	QPSK	50	5	19.75	19.61	19.20	19.60	19.10					
20	QPSK	50	24	19.74	19.61	19.15	19.65	19.12					
20	QPSK	50	36	19.67	19.61	19.09	19.62	19.10					
20	QPSK	100	5	19.60	19.62	19.31	19.67	19.37	21.5	0			
20	QPSK	100	1	19.76	19.77	19.23	19.62	19.23					
20	QPSK	1	49	19.73	19.77	19.23	19.62	19.23					
20	QPSK	1	96	19.76	19.65								

Part 96_Band 48_Ant 1										Part 96_Band 48_Ant 3										Part 96_Band 48_Ant 5										Part 96_Band 48_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low-Mid Ch / Freq	Power High-Mid Ch / Freq	Power High Ch / Freq	Turn-on time (min)	MFR (dB)	BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low-Mid Ch / Freq	Power High-Mid Ch / Freq	Power High Ch / Freq	Turn-on time (min)	MFR (dB)	BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low-Mid Ch / Freq	Power High-Mid Ch / Freq	Power High Ch / Freq	Turn-on time (min)	MFR (dB)	BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low-Mid Ch / Freq	Power High-Mid Ch / Freq	Power High Ch / Freq	Turn-on time (min)	MFR (dB)
Channel										Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
20	QPSK	1	0	17.04	16.94	16.80	17.02			20	QPSK	1	0	22.58	22.45	22.30	22.45			20	QPSK	1	0	22.48	22.41	22.37	22.41			20	QPSK	1	0	23.86	23.81	23.75	23.88		
20	QPSK	1	48	16.88	16.79	16.82	16.82	17.5	0	20	QPSK	1	48	22.49	22.39	22.30	22.32	23	0	20	QPSK	1	48	22.41	22.43	22.29	22.33	23	0	20	QPSK	1	48	23.75	23.67	23.73	23.68	24.5	0
20	QPSK	1	96	16.88	16.80	16.82	16.81			20	QPSK	1	96	22.51	22.38	22.30	22.32			20	QPSK	1	96	22.51	22.38	22.30	22.32			20	QPSK	1	96	23.75	23.67	23.74	23.67		
20	QPSK	50	0	17.04	16.92	16.81	16.89			20	QPSK	50	0	21.57	21.42	21.25	21.42			20	QPSK	50	0	21.47	21.43	21.30	21.40			20	QPSK	50	0	22.85	22.84	22.75	22.72		
20	QPSK	50	24	16.91	16.78	16.80	16.82	17.5	0	20	QPSK	50	24	21.54	21.27	21.41	21.37	22	1	20	QPSK	50	24	21.34	21.38	21.32	21.39	22	1	20	QPSK	50	24	22.77	22.68	22.61	22.68	23.5	1
20	QPSK	50	24	16.91	16.78	16.80	16.82			20	QPSK	50	24	21.48	21.37	21.42	21.39			20	QPSK	50	24	21.32	21.32	21.32	21.32			20	QPSK	50	24	22.78	22.68	22.69	22.67		
20	QPSK	100	0	16.96	16.82	16.88	16.94			20	QPSK	100	0	21.55	21.31	21.44	21.38			20	QPSK	100	0	21.46	21.44	21.31	21.41			20	QPSK	100	0	22.82	22.58	22.59	22.62		
20	QPSK	100	0	16.90	16.80	16.88	16.82			20	QPSK	100	0	21.53	21.32	21.47	21.39			20	QPSK	100	0	21.43	21.48	21.44	21.47			20	QPSK	100	0	22.74	22.57	22.58	22.62		
20	QPSK	100	0	16.91	16.80	16.88	16.82			20	QPSK	100	0	21.54	21.30	21.44	21.32	22	1	20	QPSK	100	0	21.44	21.47	21.48	21.45			20	QPSK	100	0	22.81	22.57	22.57	22.61	23.5	1
20	QPSK	100	0	16.90	16.76	16.84	16.81			20	QPSK	100	0	21.56	21.28	21.44	21.38			20	QPSK	100	0	21.46	21.52	21.48	21.48			20	QPSK	100	0	22.72	22.56	22.54	22.58		
20	QPSK	50	0	16.90	16.74	16.80	16.80			20	QPSK	50	0	21.55	21.38	21.50	21.43			20	QPSK	50	0	21.50	21.50	21.50	21.48			20	QPSK	50	0	21.78	21.53	21.67	21.65		
20	QPSK	50	24	16.90	16.74	16.80	16.78	17.5	0	20	QPSK	50	24	21.54	21.32	21.46	21.36			20	QPSK	50	24	21.32	21.38	21.35	21.40			20	QPSK	50	24	21.67	21.41	21.56	21.51	22.5	0
20	QPSK	50	24	16.91	16.76	16.78	16.78			20	QPSK	50	24	21.55	21.32	21.47	21.39			20	QPSK	50	24	21.32	21.38	21.35	21.40			20	QPSK	50	24	21.78	21.56	21.57	21.58		
20	QPSK	100	0	17.00	16.72	16.78	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30	21	2	20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK	100	0	21.55	21.38	21.50	21.42			20	QPSK	100	0	21.78	21.58	21.57	21.62		
20	QPSK	100	0	16.97	16.80	16.85	16.84			20	QPSK	100	0	21.54	21.27	21.40	21.30			20	QPSK																		

Reduced Power Mode for ECI 15

Band 2_Ant 1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				18700	18800	19100					
20	QPSK	1	0	20.81	20.90	20.83	22	0			
20	QPSK	1	49	20.69	20.76	20.68					
20	QPSK	1	99	20.78	20.82	20.72	22	0			
20	QPSK	50	0	20.77	20.88	20.76					
20	QPSK	50	24	20.66	20.82	20.76	22	0			
20	QPSK	50	50	20.75	20.75	20.73					
20	QPSK	100	0	20.68	20.75	20.72	22	0			
20	16QAM	1	0	20.71	20.76	20.68					
20	16QAM	1	49	20.69	20.81	20.72	22	0			
20	16QAM	1	99	20.67	20.77	20.81					
20	16QAM	50	0	20.73	20.88	20.77	22	0			
20	16QAM	50	24	20.73	20.78	20.73					
20	16QAM	50	50	20.76	20.75	20.82	22	0			
20	16QAM	100	0	20.76	20.78	20.72					
20	64QAM	1	0	20.76	20.85	20.72	22	0			
20	64QAM	1	49	20.67	20.85	20.77					
20	64QAM	1	99	20.76	20.81	20.75	21.5	0.5			
20	64QAM	50	0	20.40	20.37	20.40					
20	64QAM	50	24	20.39	20.41	20.36					
20	64QAM	50	50	20.35	20.37	20.33					
20	64QAM	100	0	20.37	20.36	20.34					
Channel											
Frequency (MHz)				1867.5	1880	1912.5	Turn-up limit (dBm)	MPR (dB)			
15	QPSK	1	0	20.78	20.78	20.75	22	0			
15	QPSK	1	37	20.82	20.81	20.84					
15	QPSK	1	74	20.77	20.70	20.59	22	0			
15	QPSK	36	0	20.73	20.74	20.74					
15	QPSK	36	20	20.54	20.69	20.73	22	0			
15	QPSK	36	39	20.85	20.83	20.87					
15	QPSK	75	0	20.53	20.61	20.71	22	0			
15	16QAM	1	0	20.65	20.73	20.55					
15	16QAM	1	37	20.57	20.68	20.66	22	0			
15	16QAM	1	74	20.66	20.76	20.78					
15	16QAM	36	0	20.68	20.74	20.63	22	0			
15	16QAM	36	20	20.60	20.67	20.61					
15	16QAM	36	39	20.73	20.61	20.78	22	0			
15	16QAM	75	0	20.64	20.74	20.66					
15	64QAM	1	0	20.68	20.82	20.59	22	0			
15	64QAM	1	37	20.55	20.76	20.68					
15	64QAM	1	74	20.67	20.79	20.62	21.5	0.5			
15	64QAM	36	0	20.35	20.30	20.26					
15	64QAM	36	20	20.32	20.30	20.28					
15	64QAM	36	39	20.31	20.22	20.24					
15	64QAM	75	0	20.27	20.31	20.24					
Channel											
Frequency (MHz)				1865.0	1880	1915.0	Turn-up limit (dBm)	MPR (dB)			
10	QPSK	1	0	20.69	20.89	20.82	22	0			
10	QPSK	1	25	20.57	20.69	20.61					
10	QPSK	1	49	20.71	20.79	20.63	22	0			
10	QPSK	25	0	20.62	20.81	20.77					
10	QPSK	25	12	20.61	20.69	20.75	22	0			
10	QPSK	25	25	20.63	20.62	20.61					
10	QPSK	50	0	20.55	20.69	20.67	22	0			
10	16QAM	1	0	20.70	20.87	20.67					
10	16QAM	1	25	20.61	20.66	20.66	22	0			
10	16QAM	1	49	20.63	20.74	20.79					
10	16QAM	25	0	20.58	20.84	20.74	22	0			
10	16QAM	25	12	20.62	20.73	20.68					
10	16QAM	25	25	20.73	20.66	20.78	22	0			
10	16QAM	50	0	20.67	20.63	20.71					
10	64QAM	1	0	20.67	20.75	20.68	22	0			
10	64QAM	1	25	20.58	20.70	20.76					
10	64QAM	1	49	20.64	20.70	20.70	21.5	0.5			
10	64QAM	25	0	20.27	20.39	20.33					
10	64QAM	25	12	20.26	20.34	20.21					
10	64QAM	25	25	20.20	20.20	20.23					
10	64QAM	50	0	20.28	20.36	20.20					
Channel											
Frequency (MHz)				1862.5	1880	1917.5	Turn-up limit (dBm)	MPR (dB)			
5	QPSK	1	0	20.79	20.83	20.78	22	0			
5	QPSK	1	12	20.62	20.66	20.67					
5	QPSK	1	24	20.69	20.81	20.62	22	0			
5	QPSK	12	0	20.65	20.82	20.80					
5	QPSK	12	7	20.58	20.79	20.75	22	0			
5	QPSK	12	13	20.60	20.64	20.66					
5	QPSK	25	0	20.62	20.67	20.65	22	0			
5	16QAM	1	0	20.69	20.72	20.60					
5	16QAM	1	12	20.66	20.72	20.65	22	0			
5	16QAM	1	24	20.63	20.63	20.68					
5	16QAM	12	0	20.61	20.84	20.65	22	0			
5	16QAM	12	7	20.63	20.71	20.60					
5	16QAM	12	13	20.68	20.68	20.73	22	0			
5	16QAM	25	0	20.63	20.64	20.68					
5	64QAM	1	0	20.63	20.74	20.58	22	0			
5	64QAM	1	12	20.65	20.80	20.65					
5	64QAM	1	24	20.65	20.70	20.63	21.5	0.5			
5	64QAM	12	0	20.33	20.37	20.25					
5	64QAM	12	7	20.40	20.29	20.23					
5	64QAM	12	13	20.30	20.29	20.30					
5	64QAM	25	0	20.32	20.27	20.21					
Channel											
Frequency (MHz)				1851.5	1880	1903.5	Turn-up limit (dBm)	MPR (dB)			
3	QPSK	1	0	20.74	20.80	20.76	22	0			
3	QPSK	1	8	20.54	20.61	20.64					
3	QPSK	1	14	20.68	20.87	20.66	22	0			
3	QPSK	8	0	20.72	20.86	20.69					
3	QPSK	8	4	20.83	20.80	20.83	22	0			
3	QPSK	8	7	20.72	20.63	20.71					
3	QPSK	15	0	20.62	20.65	20.67	22	0			
3	16QAM	1	0	20.70	20.68	20.60					
3	16QAM	1	8	20.61	20.72	20.68	22	0			
3	16QAM	1	14	20.55	20.67	20.74					
3	16QAM	8	0	20.72	20.84	20.65	22	0			
3	16QAM	8	4	20.71	20.65	20.66					
3	16QAM	8	7	20.61	20.67	20.68	22	0			
3	16QAM	15	0	20.70	20.66	20.65					
3	64QAM	1	0	20.72	20.76	20.71	22	0			
3	64QAM	1	8	20.54	20.61	20.64					
3	64QAM	1	14	20.66	20.68	20.74	21.5	0.5			
3	64QAM	8	0	20.31	20.31	20.39					
3	64QAM	8	4	20.31	20.30	20.28					
3	64QAM	8	7	20.36	20.25	20.18					
3	64QAM	15	0	20.28	20.33	20.33					
Channel											
Frequency (MHz)				1860.7	1880	1919.3	Turn-up limit (dBm)	MPR (dB)			
1.4	QPSK	1	0	20.78	20.76	20.72	22	0			
1.4	QPSK	1	3	20.55	20.66	20.62					
1.4	QPSK	1	5	20.67	20.74	20.58	22	0			
1.4	QPSK	3	0	20.73	20.88	20.73					
1.4	QPSK	3	1	20.63	20.78	20.62	22	0			
1.4	QPSK	3	3	20.70	20.64	20.68					
1.4	QPSK	3	5	20.66	20.72	20.67	22	0			
1.4	16QAM	1	0	20.64	20.62	20.65					
1.4	16QAM	1	3	20.59	20.68	20.63	22	0			
1.4	16QAM	1	5	20.61	20.66	20.79					
1.4	16QAM	3	0	20.69	20.78	20.75	22	0			
1.4	16QAM	3	1	20.67	20.72	20.61					
1.4	16QAM	3	3	20.63	20.73	20.64	22	0			
1.4	16QAM	3	5	20.66	20.73	20.64					
1.4	64QAM	1	0	20.64	20.76	20.57	22	0			
1.4	64QAM	1	3	20.63	20.83	20.76					
1.4	64QAM	1	5	20.73	20.75	20.64	22	0			
1.4	64QAM	3	0	20.68	20.73	20.60					
1.4	64QAM	3	1	20.68	20.70	20.67	22	0			
1.4	64QAM	3	3	20.68	20.68	20.64					
1.4	64QAM	6	0	20.35	20.31	20.30	21.5	0.5			

Band 4_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)				20050	20175	20300				
20	QPSK	1	0	23.25	23.30	23.27	24.5	0		
20	QPSK	1	49	23.22	23.26	23.28				
20	QPSK	1	99	23.11	23.15	23.22				
20	QPSK	50	0	22.23	22.31	22.27	23.5	1		
20	QPSK	50	24	22.27	22.22	22.25				
20	QPSK	50	50	22.21	22.19	22.26				
20	QPSK	100	0	22.24	22.29	22.26	23.5	1		
20	16QAM	1	0	22.52	22.53	22.49				
20	16QAM	1	49	22.53	22.51	22.48				
20	16QAM	1	99	22.44	22.36	22.50	22.5	2		
20	16QAM	50	0	21.23	21.20	21.21				
20	16QAM	50	24	21.26	21.19	21.26				
20	16QAM	50	50	21.22	21.20	21.26	22.5	2		
20	16QAM	100	0	21.22	21.18	21.24				
20	64QAM	1	0	21.34	21.45	21.41				
20	64QAM	1	49	21.42	21.43	21.46	22.5	2		
20	64QAM	1	99	21.27	21.25	21.42				
20	64QAM	50	0	20.24	20.22	20.21				
20	64QAM	50	24	20.27	20.21	20.27	21.5	3		
20	64QAM	50	50	20.21	20.19	20.27				
20	64QAM	100	0	20.23	20.19	20.25				
Channel										
Frequency (MHz)				20025	20175	20325	Turn-up limit (dBm)	MPR (dB)		
1717.5				1732.5	1747.5					
15	QPSK	1	0	23.15	23.16	23.22	24.5	0		
15	QPSK	1	37	23.09	23.16	23.13				
15	QPSK	1	74	23.10	23.03	23.12				
15	QPSK	36	0	22.22	22.17	22.17	23.5	1		
15	QPSK	36	20	22.12	22.19	22.24				
15	QPSK	36	39	22.11	22.06	22.15				
15	QPSK	75	0	22.09	22.21	22.25	23.5	1		
15	16QAM	1	0	22.49	22.41	22.34				
15	16QAM	1	37	22.39	22.49	22.40				
15	16QAM	1	74	22.40	22.30	22.42	22.5	2		
15	16QAM	36	0	21.12	21.05	21.15				
15	16QAM	36	20	21.16	21.05	21.19				
15	16QAM	36	39	21.09	21.13	21.13	22.5	2		
15	16QAM	75	0	21.13	21.10	21.20				
15	64QAM	1	0	21.27	21.39	21.28				
15	64QAM	1	37	21.30	21.38	21.37	22.5	2		
15	64QAM	1	74	21.13	21.21	21.33				
15	64QAM	36	0	20.17	20.18	20.27				
15	64QAM	36	20	20.28	20.20	20.28	21.5	3		
15	64QAM	36	39	20.11	20.05	20.21				
15	64QAM	75	0	20.20	20.08	20.20				
Channel										
Frequency (MHz)				20000	20175	20350	Turn-up limit (dBm)	MPR (dB)		
1715				1732.5	1750					
10	QPSK	1	0	23.14	23.18	23.18	24.5	0		
10	QPSK	1	25	23.07	23.12	23.13				
10	QPSK	1	49	23.06	23.07	23.21				
10	QPSK	25	0	22.16	22.21	22.21	23.5	1		
10	QPSK	25	12	22.14	22.11	22.10				
10	QPSK	25	25	22.14	22.14	22.18				
10	QPSK	50	0	22.18	22.14	22.14	23.5	1		
10	16QAM	1	0	22.39	22.43	22.38				
10	16QAM	1	25	22.51	22.47	22.42				
10	16QAM	1	49	22.37	22.24	22.47	22.5	2		
10	16QAM	25	0	21.18	21.10	21.27				
10	16QAM	25	12	21.15	21.09	21.17				
10	16QAM	25	25	21.07	21.13	21.25	22.5	2		
10	16QAM	50	0	21.17	21.14	21.20				
10	64QAM	1	0	21.25	21.33	21.30				
10	64QAM	1	25	21.38	21.36	21.40	22.5	2		
10	64QAM	1	49	21.17	21.13	21.29				
10	64QAM	25	0	20.13	20.08	20.06				
10	64QAM	25	12	20.23	20.07	20.25	21.5	3		
10	64QAM	25	25	20.12	20.07	20.21				
10	64QAM	50	0	20.15	20.05	20.19				
Channel										
Frequency (MHz)				19975	20175	20375	Turn-up limit (dBm)	MPR (dB)		
1712.5				1732.5	1752.5					
5	QPSK	1	0	23.18	23.18	23.24	24.5	0		
5	QPSK	1	12	23.09	23.18	23.07				
5	QPSK	1	24	23.06	23.00	23.10				
5	QPSK	12	0	22.14	22.24	22.16	23.5	1		
5	QPSK	12	7	22.20	22.16	22.14				
5	QPSK	12	13	22.18	22.15	22.21				
5	QPSK	25	0	22.23	22.28	22.14	23.5	1		
5	16QAM	1	0	22.40	22.41	22.35				
5	16QAM	1	12	22.50	22.37	22.34				
5	16QAM	1	24	22.33	22.35	22.45	22.5	2		
5	16QAM	12	0	21.17	21.06	21.16				
5	16QAM	12	7	21.17	21.07	21.21				
5	16QAM	12	13	21.16	21.07	21.25	22.5	2		
5	16QAM	25	0	21.13	21.05	21.09				
5	64QAM	0	0	21.20	21.39	21.40				
5	64QAM	1	12	21.31	21.36	21.45	22.5	2		
5	64QAM	1	24	21.25	21.11	21.33				
5	64QAM	12	0	20.14	20.20	20.14				
5	64QAM	12	7	20.16	20.11	20.14	21.5	3		
5	64QAM	12	13	20.13	20.16	20.25				
5	64QAM	25	0	20.11	20.11	20.23				
Channel										
Frequency (MHz)				19995	20175	20395	Turn-up limit (dBm)	MPR (dB)		
1711.5				1732.5	1753.5					
3	QPSK	1	0	23.14	23.15	23.20	24.5	0		
3	QPSK	1	8	23.15	23.21	23.11				
3	QPSK	1	14	22.97	23.07	23.16				
3	QPSK	8	0	22.18	22.20	22.12	23.5	1		
3	QPSK	8	4	22.25	22.28	22.22				
3	QPSK	8	7	22.19	22.18	22.12				
3	QPSK	15	0	22.09	22.27	22.24	23.5	1		
3	16QAM	1	0	22.45	22.40	22.45				
3	16QAM	1	8	22.45	22.47	22.40				
3	16QAM	1	14	22.33	22.22	22.46	22.5	2		
3	16QAM	8	0	21.21	21.08	21.10				
3	16QAM	8	4	21.22	21.10	21.15				
3	16QAM	8	7	21.07	21.09	21.15	22.5	2		
3	16QAM	15	0	21.08	21.06	21.12				
3	64QAM	1	0	21.30	21.43	21.29				
3	64QAM	1	8	21.36	21.49	21.40	22.5	2		
3	64QAM	1	14	21.13	21.17	21.28				
3	64QAM	8	0	20.18	20.15	20.13				
3	64QAM	8	4	20.12	20.13	20.13	21.5	3		
3	64QAM	8	7	20.07	20.04	20.18				
3	64QAM	15	0	20.08	20.08	20.10				
Channel										
Frequency (MHz)				19957	20175	20393	Turn-up limit (dBm)	MPR (dB)		
1710.7				1732.5	1754.3					
1.4	QPSK	1	0	23.15	23.22	23.17	24.5	0		
1.4	QPSK	1	3	23.20	23.23	23.18				
1.4	QPSK	1	5	22.98	23.12	23.18				
1.4	QPSK	3	0	23.14	23.25	23.25	23.5	1		
1.4	QPSK	3	1	23.07	23.24	23.19				
1.4	QPSK	3	3	23.01	23.08	23.21				
1.4	QPSK	6	0	22.12	22.26	22.12	22.5	2		
1.4	16QAM	1	0	22.40	22.42	22.36				
1.4	16QAM	1	3	22.48	22.39	22.38				
1.4	16QAM	1	5	22.40	22.35	22.45	22.5	2		
1.4	16QAM	3	0	22.38	22.29	22.46				
1.4	16QAM	3	1	22.51	22.40	22.47				
1.4	16QAM	3	3	22.43	22.30	22.46	22.5	2		
1.4	16QAM	6	0	21.21	21.17	21.14				
1.4	64QAM	1	0	21.33	21.38	21.36				
1.4	64QAM	3	3	21.29	21.37	21.41	22.5	2		
1.4	64QAM	1	5	21.16	21.13	21.36				
1.4	64QAM	3	0	21.22	21.43	21.26				
1.4	64QAM	3	1	21.40	21.28	21.39	21.5	3		
1.4	64QAM	3	3	21.21	21.17	21.34				
1.4	64QAM	6	0	20.16	20.11	20.22				
Channel										

Band 5_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limd (dBm)	MPR (dB)		
Channel				20450	20525	20600	25	0		
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.78	23.87	23.86				
10	QPSK	1	25	23.86	23.74	23.53				
10	QPSK	1	49	23.76	23.82	23.74	24	1		
10	QPSK	25	0	22.54	22.77	22.74				
10	QPSK	25	12	22.63	22.67	22.72				
10	QPSK	25	25	22.63	22.69	22.70				
10	QPSK	50	0	22.67	22.75	22.73	24	1		
10	16QAM	1	0	22.74	22.93	22.97				
10	16QAM	1	25	22.74	22.74	23.02				
10	16QAM	1	49	22.71	23.00	22.97				
10	16QAM	25	0	21.68	21.63	21.74	23	2		
10	16QAM	25	12	21.80	21.71	21.69				
10	16QAM	25	25	21.80	21.78	21.71				
10	16QAM	50	0	21.62	21.73	21.71				
10	64QAM	1	0	21.30	22.06	21.96	23	2		
10	64QAM	1	25	21.85	21.77	21.95				
10	64QAM	1	49	21.84	21.98	21.81				
10	64QAM	25	0	20.80	20.73	20.66				
10	64QAM	25	12	20.52	20.62	20.69	22	3		
10	64QAM	25	25	20.66	20.68	20.81				
10	64QAM	50	0	20.63	20.68	20.74				
Channel				20500	20525	20550	25	0		
Frequency (MHz)				828.5	836.5	846.5				
5	QPSK	1	0	23.75	23.85	23.83				
5	QPSK	1	12	23.54	23.73	23.39				
5	QPSK	1	24	23.85	23.77	23.62	24	1		
5	QPSK	12	0	22.60	22.72	22.61				
5	QPSK	12	7	22.51	22.56	22.71				
5	QPSK	12	13	22.55	22.62	22.62				
5	QPSK	25	0	22.56	22.62	22.66	24	1		
5	16QAM	1	0	22.67	22.80	22.91				
5	16QAM	1	12	22.61	22.62	22.93				
5	16QAM	1	24	22.67	22.90	22.86				
5	16QAM	12	0	21.85	21.54	21.72	23	2		
5	16QAM	12	7	21.56	21.64	21.65				
5	16QAM	12	13	21.57	21.73	21.70				
5	16QAM	25	0	21.61	21.66	21.58				
5	64QAM	1	0	21.89	22.01	21.87	23	2		
5	64QAM	1	12	21.75	21.69	21.94				
5	64QAM	1	24	21.72	21.93	21.76				
5	64QAM	12	0	20.49	20.67	20.60				
5	64QAM	12	7	20.46	20.50	20.58	22	3		
5	64QAM	12	13	20.57	20.55	20.72				
5	64QAM	25	0	20.68	20.62	20.74				
Channel				20415	20525	20635	25	0		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	23.74	23.81	23.76				
3	QPSK	1	8	23.52	23.66	23.39				
3	QPSK	1	14	23.61	23.69	23.70	24	1		
3	QPSK	8	0	22.57	22.76	22.71				
3	QPSK	8	4	22.62	22.59	22.69				
3	QPSK	8	7	22.60	22.61	22.69				
3	QPSK	15	0	22.59	22.73	22.64	24	1		
3	16QAM	1	0	22.62	22.89	22.88				
3	16QAM	1	8	22.72	22.68	22.97				
3	16QAM	1	14	22.66	22.86	22.91				
3	16QAM	8	0	21.66	21.57	21.63	23	2		
3	16QAM	8	4	21.48	21.63	21.63				
3	16QAM	8	7	21.59	21.64	21.64				
3	16QAM	15	0	21.53	21.61	21.56				
3	64QAM	1	0	21.80	21.95	21.95	23	2		
3	64QAM	1	8	21.76	21.69	21.66				
3	64QAM	1	14	21.70	21.85	21.70				
3	64QAM	8	0	20.49	20.66	20.51				
3	64QAM	8	4	20.42	20.48	20.57	22	3		
3	64QAM	8	7	20.63	20.65	20.73				
3	64QAM	15	0	20.68	20.59	20.65				
Channel				20407	20525	20543	25	0		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.69	23.72	23.84				
1.4	QPSK	1	3	23.51	23.71	23.45				
1.4	QPSK	1	5	23.57	23.77	23.65	24	1		
1.4	QPSK	3	0	23.71	23.80	23.85				
1.4	QPSK	3	1	23.63	23.68	23.45				
1.4	QPSK	3	3	23.69	23.70	23.73				
1.4	QPSK	6	0	22.58	22.61	22.65	24	1		
1.4	16QAM	1	0	22.73	22.91	22.96				
1.4	16QAM	1	3	22.64	22.59	23.00				
1.4	16QAM	1	5	22.66	22.86	22.84				
1.4	16QAM	3	0	22.73	22.86	22.87	23	2		
1.4	16QAM	3	1	22.64	22.71	23.01				
1.4	16QAM	3	3	22.59	22.88	22.86				
1.4	16QAM	6	0	21.57	21.64	21.67				
1.4	64QAM	1	0	21.92	21.93	21.87	23	2		
1.4	64QAM	1	3	21.82	21.73	21.92				
1.4	64QAM	1	5	21.80	21.92	21.80				
1.4	64QAM	3	0	21.49	21.75	21.69				
1.4	64QAM	3	1	21.53	21.69	21.70	22	3		
1.4	64QAM	3	3	21.36	21.69	21.97				
1.4	64QAM	6	0	20.60	20.59	20.77				

Band 5_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.63	23.66	23.64	25	0		
10	QPSK	1	25	23.49	23.44	23.50				
10	QPSK	1	49	23.47	23.61	23.57				
10	QPSK	25	0	22.50	22.57	22.50				
10	QPSK	25	12	22.54	22.49	22.50	24	1		
10	QPSK	25	25	22.55	22.56	22.47				
10	QPSK	50	0	22.56	22.60	22.52				
10	16QAM	1	0	22.85	23.05	22.89				
10	16QAM	1	25	22.71	22.81	23.01	24	1		
10	16QAM	1	49	22.88	22.87	22.93				
10	16QAM	25	0	21.57	21.47	21.60				
10	16QAM	25	12	21.62	21.42	21.64				
10	16QAM	25	25	21.61	21.48	21.62	23	2		
10	16QAM	50	0	21.61	21.46	21.61				
10	64QAM	1	0	21.75	21.87	21.80				
10	64QAM	1	25	21.76	21.60	21.66				
10	64QAM	1	49	21.62	21.68	21.94	23	2		
10	64QAM	25	0	20.50	20.53	20.61				
10	64QAM	25	12	20.49	20.46	20.48				
10	64QAM	25	25	20.52	20.58	20.52				
10	64QAM	50	0	20.51	20.51	20.61	22	3		
Channel				20425	20505	20625				
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	23.51	23.64	23.58				25
5	QPSK	1	12	22.42	22.42	23.42				
5	QPSK	1	24	23.32	23.32	23.47				
5	QPSK	12	0	23.28	23.58	22.40				
5	QPSK	12	7	22.52	22.46	22.45	24	1		
5	QPSK	12	13	22.40	22.54	22.35				
5	QPSK	25	0	22.54	22.57	22.48				
5	16QAM	1	0	22.84	23.03	22.66				
5	16QAM	1	12	22.58	22.75	22.60	24	1		
5	16QAM	1	24	22.80	22.84	22.80				
5	16QAM	12	0	21.49	21.46	21.53				
5	16QAM	12	7	21.58	21.30	21.51				
5	16QAM	12	13	21.53	21.41	21.61	23	2		
5	16QAM	25	0	21.58	21.39	21.48				
5	64QAM	1	0	21.63	21.86	21.75				
5	64QAM	1	12	21.61	21.56	21.64				
5	64QAM	1	24	21.48	21.59	21.85	22	3		
5	64QAM	12	0	20.40	20.40	20.48				
5	64QAM	12	7	20.34	20.36	20.36				
5	64QAM	12	13	20.40	20.56	20.41				
5	64QAM	25	0	20.42	20.50	20.55				
Channel				20410	20505	20636				
Frequency (MHz)				823.5	836.5	849.5				
3	QPSK	1	0	23.54	23.64	23.61	25	0		
3	QPSK	1	8	23.35	23.41	23.40				
3	QPSK	1	14	23.44	23.53	23.48				
3	QPSK	8	0	22.53	22.61	22.42				
3	QPSK	8	4	22.43	22.44	22.40	24	1		
3	QPSK	8	7	22.41	22.52	22.40				
3	QPSK	15	0	22.54	22.56	22.40				
3	16QAM	1	0	22.80	22.79	22.73				
3	16QAM	1	8	22.70	22.78	22.69	24	1		
3	16QAM	1	14	22.77	22.83	22.83				
3	16QAM	8	0	21.53	21.37	21.46				
3	16QAM	8	4	21.57	21.39	21.53				
3	16QAM	8	7	21.53	21.37	21.56	23	2		
3	16QAM	15	0	21.58	21.34	21.47				
3	64QAM	1	0	21.63	21.76	21.79				
3	64QAM	1	8	21.65	21.53	21.75				
3	64QAM	1	14	21.55	21.61	21.88	22	3		
3	64QAM	8	0	20.49	20.41	20.60				
3	64QAM	8	4	20.36	20.44	20.36				
3	64QAM	8	7	20.48	20.47	20.40				
3	64QAM	15	0	20.43	20.42	20.48				
Channel				20607	20525	20653				
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.57	23.56	23.57	25	0		
1.4	QPSK	1	3	23.46	23.42	23.40				
1.4	QPSK	1	5	23.37	23.51	23.43				
1.4	QPSK	3	0	23.54	23.60	23.54				
1.4	QPSK	3	1	23.45	23.29	23.49	24	1		
1.4	QPSK	3	1	23.46	23.34	23.45				
1.4	QPSK	6	0	22.43	22.47	22.39				
1.4	16QAM	1	0	22.78	22.69	22.67				
1.4	16QAM	1	3	22.60	22.86	22.89	23	1		
1.4	16QAM	1	5	22.87	22.79	22.87				
1.4	16QAM	3	0	22.80	23.02	22.79				
1.4	16QAM	3	1	22.96	22.79	22.90				
1.4	16QAM	3	1	22.74	22.72	22.88	23	2		
1.4	16QAM	6	0	21.50	21.37	21.50				
1.4	64QAM	1	0	21.71	21.77	21.67				
1.4	64QAM	1	3	21.62	21.53	21.63				
1.4	64QAM	1	5	21.57	21.67	21.83	23	2		
1.4	64QAM	3	0	21.61	21.85	21.68				
1.4	64QAM	3	1	21.63	21.64	21.67				
1.4	64QAM	3	3	21.60	21.54	21.91				
1.4	64QAM	6	0	20.45	20.42	20.50	22	3		

Band 7_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	20.47	20.50	20.42	22	0	
20	QPSK	1	49	20.44	20.38	20.34			
20	QPSK	1	99	20.35	20.48	20.32			
20	QPSK	50	0	20.35	20.48	20.40	22	0	
20	QPSK	50	24	20.36	20.41	20.35			
20	QPSK	50	50	20.36	20.47	20.35			
20	QPSK	100	0	20.36	20.42	20.33	22	0	
20	16QAM	1	0	20.40	20.41	20.28			
20	16QAM	1	49	20.41	20.24	20.24			
20	16QAM	1	99	20.29	20.37	20.28	22	0	
20	16QAM	50	0	20.32	20.38	20.33			
20	16QAM	50	24	20.21	20.27	20.23			
20	16QAM	50	50	20.24	20.44	20.29	22	0	
20	16QAM	100	0	20.35	20.30	20.26			
20	64QAM	1	0	20.35	20.48	20.28			
20	64QAM	1	49	20.34	20.23	20.24	22	0	
20	64QAM	1	99	20.21	20.47	20.28			
20	64QAM	50	0	19.96	20.03	19.93			
20	64QAM	50	24	19.96	20.01	19.96	21.5	0.5	
20	64QAM	50	50	19.96	20.04	20.00			
20	64QAM	100	0	19.95	20.03	19.96			
Channel				20825	21100	21375	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	20.38	20.46	20.30	22	0	
15	QPSK	1	37	20.39	20.36	20.23			
15	QPSK	1	74	20.28	20.35	20.27			
15	QPSK	36	0	20.29	20.41	20.34	22	0	
15	QPSK	36	20	20.29	20.30	20.26			
15	QPSK	36	39	20.52	20.33	20.26			
15	QPSK	75	0	20.23	20.39	20.31	22	0	
15	16QAM	1	0	20.34	20.33	20.22			
15	16QAM	1	37	20.30	20.18	20.15			
15	16QAM	1	74	20.27	20.27	20.17	22	0	
15	16QAM	36	0	20.26	20.34	20.27			
15	16QAM	36	20	20.19	20.21	20.20			
15	16QAM	36	39	20.20	20.29	20.28	22	0	
15	16QAM	75	0	20.25	20.26	20.17			
15	64QAM	1	0	20.30	20.34	20.22	22	0	
15	64QAM	1	37	20.27	20.21	20.21			
15	64QAM	1	74	20.27	20.38	20.15			
15	64QAM	36	0	19.91	19.92	19.89	21.5	0.5	
15	64QAM	36	20	19.94	19.89	19.91			
15	64QAM	36	39	19.97	19.85	19.86			
15	64QAM	75	0	19.98	19.87	19.86	Turn-up limit (dBm)	MPR (dB)	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	20.34	20.46	20.30	22	0	
10	QPSK	1	25	20.32	20.36	20.21			
10	QPSK	1	49	20.20	20.44	20.17			
10	QPSK	25	0	20.34	20.33	20.26	22	0	
10	QPSK	25	12	20.25	20.27	20.29			
10	QPSK	25	25	20.29	20.43	20.30			
10	QPSK	50	0	20.25	20.37	20.30	22	0	
10	16QAM	1	0	20.37	20.36	20.23			
10	16QAM	1	25	20.38	20.15	20.12			
10	16QAM	1	49	20.15	20.22	20.23	22	0	
10	16QAM	25	0	20.27	20.27	20.21			
10	16QAM	25	12	20.06	20.21	20.20			
10	16QAM	25	25	20.15	20.34	20.23	22	0	
10	16QAM	50	0	20.24	20.21	20.16			
10	64QAM	1	0	20.21	20.46	20.25	22	0	
10	64QAM	1	25	20.22	20.21	20.19			
10	64QAM	1	49	20.15	20.39	20.23			
10	64QAM	25	0	19.96	19.85	19.84	21.5	0.5	
10	64QAM	25	12	19.93	19.83	19.85			
10	64QAM	25	25	19.97	19.83	19.85			
10	64QAM	50	0	19.84	19.82	19.87	Turn-up limit (dBm)	MPR (dB)	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	20.36	20.49	20.32	22	0	
5	QPSK	1	12	20.29	20.23	20.26			
5	QPSK	1	24	20.31	20.38	20.29			
5	QPSK	12	0	20.33	20.44	20.30	22	0	
5	QPSK	12	7	20.33	20.28	20.28			
5	QPSK	12	13	20.21	20.39	20.27			
5	QPSK	25	0	20.23	20.27	20.23	22	0	
5	16QAM	1	0	20.34	20.33	20.21			
5	16QAM	1	12	20.31	20.10	20.22			
5	16QAM	1	24	20.18	20.33	20.22	22	0	
5	16QAM	12	0	20.25	20.34	20.26			
5	16QAM	12	7	20.07	20.17	20.18			
5	16QAM	12	13	20.10	20.37	20.20	22	0	
5	16QAM	25	0	20.30	20.17	20.17			
5	64QAM	1	0	20.24	20.34	20.19			
5	64QAM	1	12	20.19	20.16	20.17	22	0	
5	64QAM	1	24	20.11	20.45	20.14			
5	64QAM	12	0	20.02	19.88	19.81			
5	64QAM	12	7	20.00	19.84	19.85	21.5	0.5	
5	64QAM	12	13	19.91	19.85	19.87			
5	64QAM	25	0	19.93	19.86	19.90			

Band 7_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.75	23.86	23.77	24.5	0	
20	QPSK	1	49	23.69	23.77	23.70			
20	QPSK	1	99	23.72	23.85	23.71			
20	QPSK	50	0	22.73	22.75	22.76	23.5	1	
20	QPSK	50	24	22.68	22.74	22.73			
20	QPSK	50	50	22.70	22.77	22.71			
20	QPSK	100	0	22.67	22.78	22.69	23.5	1	
20	16QAM	1	0	22.82	22.90	22.85			
20	16QAM	1	49	22.88	22.91	22.85			
20	16QAM	1	99	22.79	23.10	23.13	22.5	2	
20	16QAM	50	0	21.59	21.79	21.72			
20	16QAM	50	24	21.66	21.75	21.89			
20	16QAM	50	50	21.74	21.75	21.71	22.5	2	
20	16QAM	100	0	21.66	21.73	21.71			
20	64QAM	1	0	21.80	22.06	22.05			
20	64QAM	1	49	21.77	21.91	21.85	22.5	2	
20	64QAM	1	99	21.80	21.93	22.13			
20	64QAM	50	0	20.61	20.76	20.76			
20	64QAM	50	24	20.68	20.82	20.76	21.5	3	
20	64QAM	50	50	20.71	20.80	20.70			
20	64QAM	100	0	20.65	20.78	20.72			
Channel				20825	21100	21375	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	23.67	23.79	23.76	24.5	0	
15	QPSK	1	37	23.59	23.65	23.69			
15	QPSK	1	74	23.64	23.70	23.87			
15	QPSK	36	0	22.67	22.70	22.67	23.5	1	
15	QPSK	36	20	22.65	22.66	22.71			
15	QPSK	36	39	22.69	22.69	22.70			
15	QPSK	75	0	22.58	22.75	22.80	23.5	1	
15	16QAM	1	0	22.87	22.86	22.88			
15	16QAM	1	37	22.83	22.80	22.71			
15	16QAM	1	74	22.70	23.03	23.11	22.5	2	
15	16QAM	36	0	21.67	21.71	21.64			
15	16QAM	36	20	21.61	21.63	21.60			
15	16QAM	36	39	21.62	21.68	21.58	22.5	2	
15	16QAM	75	0	21.60	21.71	21.59			
15	64QAM	1	0	21.69	22.05	22.01			
15	64QAM	1	37	21.73	21.89	21.75	22.5	2	
15	64QAM	36	0	20.57	20.69	20.62			
15	64QAM	36	20	20.58	20.81	20.56			
15	64QAM	36	39	20.56	20.77	20.69	21.5	3	
15	64QAM	75	0	20.51	20.74	20.62			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	23.65	23.79	23.72	24.5	0	
10	QPSK	1	25	23.64	23.69	23.63			
10	QPSK	1	49	23.64	23.73	23.70			
10	QPSK	25	0	22.62	22.66	22.72	23.5	1	
10	QPSK	25	12	22.57	22.67	22.64			
10	QPSK	25	25	22.64	22.63	22.69			
10	QPSK	50	0	22.54	22.73	22.54	23.5	1	
10	16QAM	1	0	22.75	22.80	22.88			
10	16QAM	1	25	22.80	22.88	22.87			
10	16QAM	1	49	22.75	23.08	23.05	22.5	2	
10	16QAM	25	0	21.52	21.73	21.65			
10	16QAM	25	12	21.56	21.64	21.57			
10	16QAM	25	25	21.62	21.67	21.68	22.5	2	
10	16QAM	50	0	21.51	21.67	21.70			
10	64QAM	1	0	21.67	21.81	21.74			
10	64QAM	1	25	21.67	21.81	21.84	22.5	2	
10	64QAM	25	0	20.48	20.74	20.74			
10	64QAM	25	12	20.65	20.73	20.69			
10	64QAM	25	25	20.60	20.72	20.62	21.5	3	
10	64QAM	50	0	20.62	20.72	20.65			
Channel				20825	21050	21275			
Frequency (MHz)				2507.5	2535	2562.5			
5	QPSK	1	0	23.60	23.85	23.60	24.5	0	
5	QPSK	1	12	23.67	23.74	23.62			
5	QPSK	1	24	23.66	23.84	23.68			
5	QPSK	12	0	22.62	22.68	22.67	23.5	1	
5	QPSK	12	7	22.62	22.59	22.72			
5	QPSK	12	13	22.63	22.66	22.59			
5	QPSK	25	0	22.56	22.82	22.56	23.5	1	
5	16QAM	1	0	22.73	22.81	22.89			
5	16QAM	1	12	22.75	22.84	22.72			
5	16QAM	1	24	22.74	22.89	22.99	22.5	2	
5	16QAM	12	0	21.55	21.65	21.67			
5	16QAM	12	7	21.57	21.64	21.58			
5	16QAM	12	13	21.51	21.67	21.65	22.5	2	
5	16QAM	25	0	21.52	21.62	21.60			
5	64QAM	1	0	21.70	22.04	21.98			
5	64QAM	1	12	21.64	21.82	21.77	22.5	2	
5	64QAM	1	24	21.70	21.88	22.01			
5	64QAM	12	0	20.59	20.84	20.62			
5	64QAM	12	7	20.62	20.86	20.67	21.5	3	
5	64QAM	12	13	20.62	20.75	20.57			
5	64QAM	25	0	20.62	20.73	20.59			

Band 12_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23000	23095	23130				
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	23.43	23.50	23.45	24.5	0		
10	QPSK	1	25	23.22	23.39	23.29				
10	QPSK	1	49	23.41	23.47	23.22				
10	QPSK	25	0	22.25	22.30	22.25	23.5	1		
10	QPSK	25	12	22.21	22.20	22.22				
10	QPSK	25	25	22.24	22.28	22.22				
10	QPSK	50	0	22.23	22.27	22.24	23.5	1		
10	16QAM	1	0	22.52	22.37	22.60				
10	16QAM	1	25	22.42	22.32	22.55				
10	16QAM	1	49	22.66	22.55	22.61	22.5	2		
10	16QAM	25	0	21.24	21.18	21.20				
10	16QAM	25	12	21.14	21.26	21.18				
10	16QAM	25	25	21.18	21.36	21.25	22.5	2		
10	16QAM	50	0	21.17	21.24	21.23				
10	64QAM	1	0	21.25	21.36	21.22				
10	64QAM	1	25	21.53	21.35	21.40	22.5	2		
10	64QAM	1	49	21.50	21.39	21.35				
10	64QAM	25	0	20.19	20.28	20.21				
10	64QAM	25	12	20.25	20.21	20.31	21.5	3		
10	64QAM	25	25	20.27	20.37	20.23				
10	64QAM	50	0	20.29	20.25	20.23				
Channel				23005	23095	23105				
Frequency (MHz)				701.5	707.5	713.5				
5	QPSK	1	0	23.38	23.37	23.38	24.5	0		
5	QPSK	1	12	23.08	23.28	23.15				
5	QPSK	1	24	23.31	23.38	23.19				
5	QPSK	12	0	22.26	22.28	22.21	23.5	1		
5	QPSK	12	7	22.07	22.19	22.07				
5	QPSK	12	13	22.12	22.23	22.16				
5	QPSK	25	0	22.17	22.24	22.16	23.5	1		
5	16QAM	1	0	22.37	22.28	22.56				
5	16QAM	1	12	22.37	22.17	22.33				
5	16QAM	1	24	22.59	22.45	22.59	22.5	2		
5	16QAM	12	0	21.14	21.04	21.11				
5	16QAM	12	7	21.02	21.14	21.14				
5	16QAM	12	13	21.09	21.25	21.13	22.5	2		
5	16QAM	25	0	21.06	21.19	21.18				
5	64QAM	1	0	21.13	21.29	21.08				
5	64QAM	1	12	21.38	21.31	21.25	22.5	2		
5	64QAM	1	24	21.47	21.29	21.34				
5	64QAM	12	0	20.11	20.23	20.19				
5	64QAM	12	7	20.19	20.13	20.27	21.5	3		
5	64QAM	12	13	20.20	20.26	20.16				
5	64QAM	25	0	20.20	20.22	20.08				
Channel				23005	23095	23105				
Frequency (MHz)				700.5	707.5	714.5				
3	QPSK	1	0	23.40	23.49	23.35	24.5	0		
3	QPSK	1	8	23.16	23.31	23.21				
3	QPSK	1	14	23.36	23.45	23.21				
3	QPSK	8	0	22.19	22.25	22.19	23.5	1		
3	QPSK	8	4	22.06	22.09	22.11				
3	QPSK	8	7	22.14	22.22	22.16				
3	QPSK	15	0	22.09	22.19	22.20	23.5	1		
3	16QAM	1	0	22.51	22.30	22.59				
3	16QAM	1	8	22.35	22.25	22.28				
3	16QAM	1	14	22.53	22.48	22.54	22.5	2		
3	16QAM	8	0	21.14	21.09	21.06				
3	16QAM	8	4	21.09	21.14	21.16				
3	16QAM	8	7	21.03	21.30	21.11	22.5	2		
3	16QAM	15	0	21.12	21.14	21.22				
3	64QAM	1	0	21.21	21.35	21.09				
3	64QAM	1	8	21.46	21.22	21.58	22.5	2		
3	64QAM	1	14	21.38	21.34	21.29				
3	64QAM	8	0	20.11	20.18	20.17				
3	64QAM	8	4	20.16	20.10	20.27	21.5	3		
3	64QAM	8	7	20.19	20.35	20.20				
3	64QAM	15	0	20.16	20.17	20.22				
Channel				23017	23095	23173				
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	23.32	23.45	23.37	24.5	0		
1.4	QPSK	1	3	23.16	23.26	23.17				
1.4	QPSK	1	5	23.38	23.40	23.21				
1.4	QPSK	3	0	23.39	23.42	23.42	23.5	1		
1.4	QPSK	3	1	23.20	23.28	23.17				
1.4	QPSK	3	3	23.36	23.40	23.09				
1.4	QPSK	6	0	22.20	22.18	22.20	23.5	1		
1.4	16QAM	1	0	22.45	22.28	22.54				
1.4	16QAM	1	3	22.30	22.26	22.30				
1.4	16QAM	1	5	22.58	22.51	22.46	23.5	1		
1.4	16QAM	3	0	22.46	22.25	22.46				
1.4	16QAM	3	1	22.33	22.26	22.28				
1.4	16QAM	3	3	22.62	22.48	22.46	22.5	2		
1.4	16QAM	6	0	21.11	21.11	21.10				
1.4	64QAM	1	0	21.19	21.27	21.19				
1.4	64QAM	1	3	21.42	21.21	21.29	22.5	2		
1.4	64QAM	1	5	21.43	21.30	21.25				
1.4	64QAM	3	0	21.13	21.32	21.14				
1.4	64QAM	3	1	21.38	21.20	21.27	21.5	3		
1.4	64QAM	3	3	21.36	21.35	21.24				
1.4	64QAM	6	0	20.22	20.22	20.19				

Band 12_Ant 4										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turnup limit (dBm)	MPR (dB)		
Channel				23000	23095	23130				
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	23.66	23.72	23.69	24.5	0		
10	QPSK	1	25	23.60	23.64	23.54				
10	QPSK	1	49	23.62	23.43	23.38				
10	QPSK	25	0	22.55	22.80	22.55	23.5	1		
10	QPSK	25	12	22.51	22.82	22.51				
10	QPSK	25	25	22.53	22.56	22.45				
10	QPSK	50	0	22.53	22.58	22.47	23.5	1		
10	16QAM	1	0	22.95	22.63	22.99				
10	16QAM	1	25	22.94	22.69	22.70				
10	16QAM	1	49	22.98	22.76	22.64	22.5	2		
10	16QAM	25	0	21.52	21.64	21.46				
10	16QAM	25	12	21.43	21.53	21.43				
10	16QAM	25	25	21.60	21.54	21.44	22.5	2		
10	16QAM	50	0	21.56	21.56	21.44				
10	64QAM	1	0	21.75	21.73	21.87	22.5	2		
10	64QAM	1	25	21.85	21.90	21.77				
10	64QAM	1	49	21.71	21.84	21.84				
10	64QAM	25	0	20.53	20.50	20.49	21.5	3		
10	64QAM	25	12	20.58	20.52	20.48				
10	64QAM	25	25	20.51	20.49	20.49				
10	64QAM	50	0	20.53	20.52	20.46				
Channel				23005	23095	23155				
Frequency (MHz)				701.5	707.5	713.5				
5	QPSK	1	0	23.55	23.70	23.57	24.5	0		
5	QPSK	1	12	23.49	23.55	23.49				
5	QPSK	1	49	23.54	23.45	23.49				
5	QPSK	12	0	22.53	22.51	22.50	23.5	1		
5	QPSK	12	7	22.49	22.49	22.37				
5	QPSK	12	13	22.48	22.51	22.31				
5	QPSK	25	0	22.44	22.52	22.42	23.5	1		
5	16QAM	1	0	22.87	22.57	22.87				
5	16QAM	1	12	22.87	22.61	22.87				
5	16QAM	1	24	22.95	22.68	22.52	22.5	2		
5	16QAM	12	0	21.46	21.59	21.41				
5	16QAM	12	7	21.40	21.50	21.30				
5	16QAM	12	13	21.54	21.43	21.29	21.5	3		
5	16QAM	25	0	21.44	21.42	21.37				
5	16QAM	1	0	21.71	21.71	21.71				
5	64QAM	1	12	21.81	21.88	21.74	21.5	2		
5	64QAM	1	24	21.66	21.65	21.71				
5	64QAM	12	0	20.39	20.36	20.40				
5	64QAM	12	7	20.55	20.46	20.35	21.5	3		
5	64QAM	12	13	20.48	20.39	20.48				
5	64QAM	25	0	20.44	20.39	20.42				
Channel				23025	23095	23188				
Frequency (MHz)				701.5	707.5	714.5				
3	QPSK	1	0	23.56	23.63	23.48	24.5	0		
3	QPSK	1	14	23.56	23.35	23.37				
3	QPSK	8	0	22.43	22.59	22.48				
3	QPSK	8	4	22.46	22.42	22.45	23.5	1		
3	QPSK	8	7	22.49	22.55	22.43				
3	QPSK	15	0	22.47	22.46	22.40				
3	16QAM	1	0	22.91	22.57	22.96	23.5	1		
3	16QAM	1	8	22.91	22.65	22.68				
3	16QAM	1	14	22.93	22.66	22.65				
3	16QAM	8	0	21.47	21.53	21.43	22.5	2		
3	16QAM	8	4	21.42	21.46	21.30				
3	16QAM	8	7	21.55	21.43	21.41				
3	64QAM	15	0	21.46	21.45	21.38	21.5	3		
3	64QAM	1	0	21.64	21.67	21.81				
3	64QAM	1	8	21.81	21.83	21.74				
3	64QAM	1	14	21.68	21.66	21.83	21.5	3		
3	64QAM	8	0	20.52	20.40	20.43				
3	64QAM	8	4	20.48	20.48	20.34				
3	64QAM	8	7	20.63	20.49	20.53	21.5	3		
3	64QAM	15	0	20.40	20.49	20.35				
Channel				23217	23095	23173				
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	23.56	23.60	23.67	24.5	0		
1.4	QPSK	1	3	23.57	23.60	23.40				
1.4	QPSK	1	5	23.51	23.41	23.25				
1.4	QPSK	3	0	23.65	23.66	23.67	23.5	1		
1.4	QPSK	3	1	23.53	23.62	23.48				
1.4	QPSK	3	5	23.57	21.42	23.37				
1.4	QPSK	6	0	22.39	22.47	22.43	23.5	1		
1.4	16QAM	1	0	22.93	22.51	22.88				
1.4	16QAM	1	3	22.80	22.55	22.61				
1.4	16QAM	1	5	22.87	22.84	22.25	23.5	1		
1.4	16QAM	3	0	22.89	22.48	22.93				
1.4	16QAM	3	1	22.91	22.59	23.93				
1.4	16QAM	3	22	22.93	22.62	22.93	22.5	2		
1.4	16QAM	6	0	21.52	21.51	21.37				
1.4	64QAM	1	0	21.70	21.69	21.79				
1.4	64QAM	1	3	21.74	21.82	21.67	22.5	2		
1.4	64QAM	1	5	21.59	21.56	21.62				
1.4	64QAM	3	0	21.79	21.63	21.79				
1.4	64QAM	3	1	21.79	21.74	21.72	21.5	3		
1.4	64QAM	3	3	21.63	21.54	21.73				
1.4	64QAM	6	0	20.52	20.45	20.44				

Band 66_Ant 1												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)				
Channel				130072	132322	132572						
Frequency (MHz)				1720	1745	1770						
20	QPSK	1	0	23.40	23.45	23.44	24.5	0				
20	QPSK	1	49	23.34	23.35	23.42						
20	QPSK	1	99	23.12	23.24	23.26						
20	QPSK	50	0	22.35	22.42	22.45						
20	QPSK	50	24	22.30	22.33	22.35	23.5	1				
20	QPSK	50	50	22.26	22.28	22.36						
20	QPSK	100	0	22.32	22.40	22.38						
20	16QAM	1	0	22.59	22.48	22.65						
20	16QAM	1	49	22.64	22.67	22.64	23.5	1				
20	16QAM	1	99	22.42	22.45	22.47						
20	16QAM	50	0	21.28	21.33	21.45						
20	16QAM	50	24	21.29	21.33	21.42						
20	16QAM	50	50	21.25	21.29	21.35	22.5	2				
20	16QAM	100	0	21.23	21.30	21.39						
20	64QAM	1	0	21.40	21.38	21.55						
20	64QAM	1	49	21.40	21.51	21.52						
20	64QAM	1	99	21.31	21.38	21.46	22.5	2				
20	64QAM	50	0	20.30	20.34	20.49						
20	64QAM	50	24	20.32	20.34	20.44						
20	64QAM	50	50	20.27	20.29	20.38						
20	64QAM	100	0	20.25	20.31	20.41	21.5	3				
Channel				130047	132322	132597						
Frequency (MHz)				1717.5	1745	1772.5						
15	QPSK	1	0	23.38	23.38	23.30			24.5	0		
15	QPSK	1	37	23.27	23.31	23.31						
15	QPSK	1	74	23.04	23.10	23.15						
15	QPSK	36	0	22.23	22.33	22.26						
15	QPSK	36	20	22.19	22.31	22.33	23.5	1				
15	QPSK	36	39	22.14	22.13	22.23						
15	QPSK	75	0	22.28	22.37	22.23						
15	16QAM	1	0	22.56	22.35	22.53						
15	16QAM	1	37	22.63	22.43	22.58	23.5	1				
15	16QAM	1	74	22.33	22.36	22.46						
15	16QAM	36	0	21.14	21.30	21.44						
15	16QAM	36	20	21.23	21.27	21.33						
15	16QAM	36	39	21.13	21.14	21.28	22.5	2				
15	16QAM	75	0	21.22	21.28	21.38						
15	64QAM	1	0	21.33	21.34	21.52						
15	64QAM	1	37	21.26	21.47	21.38						
15	64QAM	1	74	21.29	21.36	21.33	21.5	3				
15	64QAM	36	0	20.19	20.32	20.43						
15	64QAM	36	20	20.29	20.30	20.38						
15	64QAM	36	39	20.26	20.25	20.34						
15	64QAM	75	0	20.21	20.23	20.33						
Channel				130022	132322	132622	Turn-up limit (dBm)		MPR (dB)			
Frequency (MHz)				1715	1745	1775						
10	QPSK	1	0	23.39	23.31	23.37	24.5	0				
10	QPSK	1	25	23.21	23.33	23.29						
10	QPSK	1	49	23.10	23.14	23.16						
10	QPSK	25	0	22.29	22.37	22.27						
10	QPSK	25	12	22.18	22.22	22.23	23.5	1				
10	QPSK	25	25	22.19	22.25	22.31						
10	QPSK	50	0	22.20	22.30	22.34						
10	16QAM	1	0	22.46	22.34	22.51						
10	16QAM	1	25	22.56	22.50	22.63	23.5	1				
10	16QAM	1	49	22.53	22.52	22.40						
10	16QAM	25	0	21.19	21.24	21.36						
10	16QAM	25	12	21.19	21.28	21.37						
10	16QAM	25	25	21.19	21.26	21.33	22.5	2				
10	16QAM	50	0	21.16	21.22	21.25						
10	64QAM	1	0	21.30	21.23	21.52						
10	64QAM	1	25	21.26	21.21	21.43						
10	64QAM	1	49	21.30	21.27	21.43	22.5	2				
10	64QAM	25	0	20.20	20.32	20.37						
10	64QAM	25	12	20.23	20.29	20.34						
10	64QAM	25	25	20.15	20.21	20.25						
10	64QAM	50	0	20.14	20.28	20.37						
Channel				131997	132322	132647	Turn-up limit (dBm)		MPR (dB)			
Frequency (MHz)				1712.5	1745	1777.5						
5	QPSK	1	0	23.39	23.31	23.37	24.5	0				
5	QPSK	1	25	23.29	23.33	23.29						
5	QPSK	1	49	23.10	23.14	23.16						
5	QPSK	12	0	22.24	22.33	22.26						
5	QPSK	12	7	22.21	22.31	22.26	23.5	1				
5	QPSK	12	13	22.11	22.18	22.25						
5	QPSK	25	0	22.17	22.32	22.23						
5	16QAM	1	0	22.54	22.35	22.51						
5	16QAM	1	12	22.59	22.44	22.58	23.5	1				
5	16QAM	1	24	22.37	22.42	22.40						
5	16QAM	12	0	21.25	21.29	21.44						
5	16QAM	12	7	21.24	21.19	21.28						
5	16QAM	12	13	21.24	21.21	21.29	22.5	2				
5	16QAM	25	0	21.21	21.27	21.24						
5	64QAM	1	0	21.20	21.34	21.49						
5	64QAM	1	12	21.27	21.36	21.45						
5	64QAM	1	24	21.20	21.27	21.32	22.5	2				
5	64QAM	12	0	20.20	20.25	20.35						
5	64QAM	12	7	20.29	20.27	20.29						
5	64QAM	12	13	20.21	20.28	20.32						
5	64QAM	25	0	20.10	20.21	20.28						
Channel				131987	132322	132657	Turn-up limit (dBm)		MPR (dB)			
Frequency (MHz)				1711.5	1745	1778.5						
3	QPSK	1	0	23.27	23.41	23.40	24.5	0				
3	QPSK	1	8	23.32	23.20	23.36						
3	QPSK	1	14	22.99	23.17	23.22						
3	QPSK	8	0	22.31	22.32	22.34						
3	QPSK	8	4	22.26	22.34	22.34	23.5	1				
3	QPSK	8	7	22.24	22.13	22.35						
3	QPSK	15	0	22.20	22.31	22.22						
3	16QAM	1	0	22.48	22.45	22.54						
3	16QAM	1	8	22.49	22.48	22.51	23.5	1				
3	16QAM	1	14	22.40	22.37	22.46						
3	16QAM	8	0	21.22	21.16	21.39						
3	16QAM	8	4	21.14	21.22	21.37						
3	16QAM	8	7	21.15	21.18	21.32	22.5	2				
3	16QAM	15	0	21.14	21.18	21.33						
3	64QAM	1	0	21.32	21.24	21.49						
3	64QAM	1	8	21.26	21.45	21.43						
3	64QAM	1	14	21.16	21.30	21.47	21.5	3				
3	64QAM	8	0	20.29	20.33	20.47						
3	64QAM	8	4	20.24	20.30	20.33						
3	64QAM	8	7	20.24	20.19	20.33	21.5	3				
3	64QAM	15	0	20.18	20.25	20.36						
Channel				131979	132322	132655	Turn-up limit (dBm)		MPR (dB)			
Frequency (MHz)				1710.7	1745	1779.3						
1.4	QPSK	1	0	23.33	23.34	23.35	24.5	0				
1.4	QPSK	1	3	23.27	23.33	23.33						
1.4	QPSK	1	5	23.04	23.11	23.19						
1.4	QPSK	3	0	23.37	23.41	23.36						
1.4	QPSK	3	1	23.26	23.30	23.36	23.5	1				
1.4	QPSK	3	3	23.07	23.19	23.22						
1.4	QPSK	6	0	22.21	22.24	22.35						
1.4	16QAM	1	0	22.52	22.47	22.45						
1.4	16QAM	1	3	22.58	22.47	22.58	23.5	1				
1.4	16QAM	1	5	22.30	22.44	22.35						
1.4	16QAM	3	0	22.47	22.41	22.60						
1.4	16QAM	3	1	22.60	22.56	22.50						
1.4	16QAM	3	3	22.36	22.34	22.34	22.5	2				
1.4	16QAM	6	0	21.21	21.18	21.39						
1.4	64QAM	1	0	21.29	21.37	21.42						
1.4	64QAM	1	3	21.25	21.41	21.45						
1.4	64QAM	1	5	21.19	21.29	21.36	22.5	2				
1.4	64QAM	3	0	21.29	21.37	21.53						
1.4	64QAM	3	1	21.36	21.50	21.45						
1.4	64QAM	3	3	21.29	21.21	21.38						
1.4	64QAM	6	0	20.14	20.26	20.31	21.5	3				

LTE Band 71_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up time (dBm)	MPR (dB)	
Channel				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.38	23.41	23.54	24.5	0	
20	QPSK	1	48	23.21	23.24	23.20			
20	QPSK	1	96	23.16	23.22	23.22			
20	QPSK	50	0	22.35	22.38	22.25	23.5	1	
20	QPSK	50	24	22.29	22.29	22.25			
20	QPSK	50	50	22.93	22.23	22.24			
20	QPSK	100	0	22.31	22.34	22.28	23.5	1	
20	16QAM	1	0	22.53	22.52	22.53			
20	16QAM	1	48	22.48	22.44	22.48			
20	16QAM	1	96	22.48	22.54	22.56	22.5	2	
20	16QAM	50	0	21.35	21.21	21.23			
20	16QAM	50	24	21.27	21.28	21.27			
20	16QAM	50	50	21.34	21.29	21.25	22.5	2	
20	16QAM	100	0	21.38	21.22	21.25			
20	64QAM	1	0	21.42	21.44	21.48			
20	64QAM	1	48	21.34	21.45	21.35	22.5	2	
20	64QAM	1	96	21.40	21.49	21.51			
20	64QAM	50	0	20.34	20.23	20.22			
20	64QAM	50	24	20.28	20.31	20.29	21.5	3	
20	64QAM	50	50	20.35	20.31	20.27			
20	64QAM	100	0	20.38	20.26	20.24			
Channel				133117	133207	133297			
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.30	23.31	23.06	24.5	0	
15	QPSK	1	37	23.12	23.08	23.10			
15	QPSK	1	74	23.11	22.99	23.13			
15	QPSK	36	0	22.28	22.14	22.04	23.5	1	
15	QPSK	36	20	22.07	22.04	22.06			
15	QPSK	36	36	22.20	22.15	22.15			
15	QPSK	75	0	22.21	22.18	22.09	23.5	1	
15	16QAM	1	0	22.38	22.46	22.44			
15	16QAM	1	37	22.36	22.20	22.24			
15	16QAM	1	74	22.39	22.34	22.45	22.5	2	
15	16QAM	36	0	21.12	20.97	21.14			
15	16QAM	36	20	21.06	21.21	21.21			
15	16QAM	36	36	21.09	21.16	21.04	22.5	2	
15	16QAM	75	0	21.09	21.09	21.05			
15	64QAM	1	0	21.22	21.27	21.22			
15	64QAM	1	37	21.19	21.36	21.24	22.5	2	
15	64QAM	1	74	21.30	21.28	21.44			
15	64QAM	36	0	20.15	20.15	20.00			
15	64QAM	36	20	20.17	20.25	20.24	21.5	3	
15	64QAM	36	36	20.24	20.25	20.10			
15	64QAM	75	0	20.27	20.14	20.08			
Channel				133172	133297	133422			
Frequency (MHz)				668	680.5	693			
10	QPSK	1	0	23.28	23.18	23.17	24.5	0	
10	QPSK	1	25	23.03	23.18	23.07			
10	QPSK	1	48	22.98	23.00	23.08			
10	QPSK	25	0	22.30	22.15	22.18	23.5	1	
10	QPSK	25	12	22.21	22.07	22.06			
10	QPSK	25	25	22.18	21.98	21.99			
10	QPSK	50	0	22.25	22.19	22.02	23.5	1	
10	16QAM	1	0	22.37	22.43	22.41			
10	16QAM	1	25	22.36	22.31	22.28			
10	16QAM	1	48	22.39	22.31	22.46	22.5	2	
10	16QAM	25	0	21.16	21.05	21.03			
10	16QAM	25	12	21.14	21.20	21.19			
10	16QAM	50	0	21.29	21.03	21.06	22.5	2	
10	64QAM	1	0	21.35	21.52	21.34			
10	64QAM	1	25	21.19	21.38	21.12			
10	64QAM	1	48	21.31	21.28	21.43	21.5	3	
10	64QAM	25	0	20.20	20.18	20.11			
10	64QAM	25	12	20.03	20.10	20.21			
10	64QAM	25	25	20.24	20.19	20.08	21.5	3	
10	64QAM	50	0	20.21	20.18	20.06			
Channel				133147	133297	133447			
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	23.27	23.25	23.10	24.5	0	
5	QPSK	1	12	23.04	23.09	23.00			
5	QPSK	1	24	23.02	23.09	23.02			
5	QPSK	12	0	22.22	22.30	22.09	23.5	1	
5	QPSK	12	7	22.21	22.20	22.09			
5	QPSK	12	13	22.12	22.11	22.10			
5	QPSK	25	0	22.26	22.12	22.07	23.5	1	
5	16QAM	1	0	22.34	22.33	22.38			
5	16QAM	1	12	22.30	22.36	22.43			
5	16QAM	1	24	22.29	22.38	22.42	22.5	2	
5	16QAM	12	0	21.29	20.98	21.18			
5	16QAM	12	7	21.07	21.18	21.18			
5	16QAM	12	13	21.26	21.18	21.81	22.5	2	
5	16QAM	25	0	21.15	21.05	21.09			
5	64QAM	1	0	21.24	21.20	21.33			
5	64QAM	1	12	21.20	21.30	21.17	22.5	2	
5	64QAM	1	24	21.31	21.29	21.36			
5	64QAM	12	0	20.10	20.17	20.13			
5	64QAM	12	7	20.15	20.15	20.10	21.5	3	
5	64QAM	12	13	20.20	20.05	20.22			
5	64QAM	25	0	20.19	20.15	20.08			

LTE Band 71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up time (dBm)	MPR (dB)	
Channel				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.52	23.69	23.50	24.5	0	
20	QPSK	1	48	23.49	23.50	23.53			
20	QPSK	1	96	23.58	23.59	23.47			
20	QPSK	50	0	22.08	22.71	22.57	23.5	1	
20	QPSK	50	24	22.64	22.83	22.53			
20	QPSK	50	50	22.61	22.64	22.56			
20	QPSK	100	0	22.61	22.69	22.53	23.5	1	
20	16QAM	1	0	22.85	22.92	22.84			
20	16QAM	1	48	22.82	22.88	22.74			
20	16QAM	1	96	22.77	22.79	22.89	22.5	2	
20	16QAM	50	0	21.75	21.62	21.52			
20	16QAM	50	24	21.63	21.59	21.59			
20	16QAM	50	50	21.65	21.62	21.54	22.5	2	
20	16QAM	100	0	21.65	21.57	21.52			
20	64QAM	1	0	21.69	21.73	21.73			
20	64QAM	1	48	21.87	21.71	21.66	22.5	2	
20	64QAM	1	96	21.63	21.72	21.62			
20	64QAM	50	0	20.68	20.62	20.51			
20	64QAM	50	24	20.66	20.64	20.61	21.5	3	
20	64QAM	50	50	20.69	20.64	20.58			
20	64QAM	100	0	20.64	20.64	20.55			
Channel				133197	133277	133357			
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.51	23.45	23.48	24.5	0	
15	QPSK	1	37	23.36	23.33	23.48			
15	QPSK	1	74	23.50	23.51	23.20			
15	QPSK	36	0	22.50	22.54	22.52	23.5	1	
15	QPSK	36	20	22.48	22.45	22.30			
15	QPSK	36	36	22.44	22.54	22.47			
15	16QAM	36	36	21.51	21.26	21.41	22.5	1	
15	16QAM	1	0	22.64	22.79	22.70			
15	16QAM	1	37	22.76	22.69	22.50			
15	16QAM	1	74	22.53	22.56	22.46	22.5	2	
15	16QAM	36	0	21.57	21.49	21.35			
15	16QAM	36	20	21.45	21.54	21.47			
15	16QAM	36	39	21.51	21.26	21.41	22.5	2	
15	16QAM	75	0	21.46	21.42	21.30			
15	16QAM	75	0	21.53	21.62	21.51			
15	16QAM	1	0	21.63	21.62	21.60	22.5	2	
15	16QAM	1	37	21.82	21.56	21.53			
15	16QAM	1	74	21.54	21.63	21.51			
15	16QAM	36	0	20.44	20.37	20.44	21.5	3	
15	16QAM	36	20	20.50	20.54	20.50			
15	16QAM	36	39	20.53	20.43	20.39			
15	64QAM	75	0	20.52	20.41	20.36			
Channel				133172	133257	133342			
Frequency (MHz)				669.5	679.5	689.5			
10	QPSK	1	0	23.56	23.47	23.48	24.5	0	
10	QPSK	1	20	23.27	23.32	23.42			
10	QPSK	1	48	23.34	23.51	23.27			
10	QPSK	25	0	22.51	22.63	22.40	23.5	1	
10	QPSK	25	12	22.48	22.41	22.44			
10	QPSK	25	25	22.36	22.55	22.35			
10	QPSK	50	0	22.41	22.47	22.44	23.5	1	
10	16QAM	50	0	22.78	22.76	22.77			
10	16QAM	1	25	22.73	22.70	22.57			
10	16QAM	1	49	22.53	22.64	22.48	22.5	2	
10	16QAM	25	0	21.52	21.53	21.36			
10	16QAM	25	12	21.43	21.36	21.39			
10	16QAM	25	25	21.63	21.54	21.46	22.5	2	
10	16QAM	50	0	21.59	21.56	21.57			
10	16QAM	1	49	21.55	21.58	21.50			
10	16QAM	1	25	21.75	21.64	21.50	22.5	2	
10	16QAM	1	49	21.49	21.51	21.35			
10	16QAM	25	0	20.54	20.39	20.35			
10	16QAM	25	12	20.41	20.42	20.50	21.5	3	
10	16QAM	25	25	20.50	20.50	20.44			
10	16QAM	50	0	20.54	20.50	20.48			
Channel				133147	133237	133347			
Frequency (MHz)				665.5	660.5	665.5			
5	QPSK	1	0	23.53	23.56	23.34	24.5	0	
5	QPSK	1	12	23.43	23.45	23.48			
5	QPSK	1	24	23.43	23.43	23.42			
5	QPSK	12	0	22.63	22.51	22.36	23.5	1	
5	QPSK	12	7	22.44	22.47	22.44			
5	QPSK	12	15	22.41	22.53	22.37			
5	16QAM	12	0	22.47	22.62	22.29	23.5	1	
5	16QAM	1	0	22.76	22.78	22.60			
5	16QAM	1	12	22.68	22.78	22.62			
5	16QAM	1	24	22.71	22.54	22.47	22.5	1	
5	16QAM	12	0	21.50	21.46	21.47			
5	16QAM	12	7	21.46	21.53	21.45			
5	16QAM	12	15	21.60	21.50	21.43	22.5	2	
5	16QAM	25	0	21.49	21.48	21.39			
5	64QAM	1	0	21.60	21.59	21.50			
5	64QAM	1	12	21.74	21.46	21.52	22.5	2	
5	64QAM	1	24	21.51	21.56	21.46			
5	64QAM	12	0	20.63	20.47	20.35			
5	64QAM	12	7	20.56	20.56	20.37	21.5	3	
5	64QAM	12	13	20.44	20.59	20.35			
5	64QAM	25	0	20.47	20.58	20.47			

Band 41_Ant 1													
BW (MHz)	Modulation	RS Type	RS Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power Low High Ch / Freq	Power High Ch / Freq	Power High Mid Ch / Freq	Power High High Ch / Freq	Turn-on time (s)	APRS (dB)		
Channel				36750	40165	40600	41005	41400					
Frequency (MHz)				2590	2649.5	2690	2730.5	2770					
20	QPSK	1	5	22.62	21.90	22.43	22.68	22.60					
20	QPSK	1	49	21.85	21.98	22.28	21.98	22.37		23.5	0		
20	QPSK	1	96	22.08	21.96	22.00	22.00	22.00					
20	QPSK	50	5	21.68	21.97	22.38	22.08	22.37					
20	QPSK	50	24	21.87	21.88	22.35	22.04	22.35		23.5	0		
20	QPSK	50	36	21.94	21.90	22.31	22.03	22.33					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100	5	21.96	21.95	22.35	21.97	22.35					
20	QPSK	100											

Part 96_Band 48_Ant 1										Part 96_Band 48_Ant 3										Part 96_Band 48_Ant 5										Part 96_Band 48_Ant 7										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Low-Mid Ch / Freq.	Power High-Mid Ch / Freq.	Power High Ch / Freq.	Time-up (min)	MFR (dB)	BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Low-Mid Ch / Freq.	Power High-Mid Ch / Freq.	Power High Ch / Freq.	Time-up (min)	MFR (dB)	BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Low-Mid Ch / Freq.	Power High-Mid Ch / Freq.	Power High Ch / Freq.	Time-up (min)	MFR (dB)	BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Low-Mid Ch / Freq.	Power High-Mid Ch / Freq.	Power High Ch / Freq.	Time-up (min)	MFR (dB)	
Channel										Channel										Channel										Channel										
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										
20	QPSK	1	0	18.88	18.88	18.88	18.88	10	0	20	QPSK	1	0	22.28	22.28	22.28	22.28	23	0	20	QPSK	1	0	22.48	22.48	22.48	22.48	23	0	20	QPSK	1	0	23.88	23.88	23.88	23.88	24.5	0	
20	QPSK	1	48	18.81	18.83	18.83	18.89	10	0	20	QPSK	1	48	22.41	22.43	22.43	22.49	23	0	20	QPSK	1	48	22.51	22.53	22.53	22.59	23	0	20	QPSK	1	48	23.91	23.93	23.93	23.99	24.5	0	
20	QPSK	1	96	18.71	18.73	18.73	18.79	10	0	20	QPSK	1	96	22.31	22.33	22.33	22.39	23	0	20	QPSK	1	96	22.41	22.43	22.43	22.49	23	0	20	QPSK	1	96	23.81	23.83	23.83	23.89	24.5	0	
20	QPSK	50	0	18.58	18.58	18.58	18.58	10	0	20	QPSK	50	0	21.97	21.97	21.97	21.97	22	1	20	QPSK	50	0	21.97	21.97	21.97	21.97	22	1	20	QPSK	50	0	22.88	22.88	22.88	22.88	23.5	1	
20	QPSK	50	24	18.51	18.54	18.53	18.45	10	0	20	QPSK	50	24	21.94	21.97	21.94	21.97	22	1	20	QPSK	50	24	21.94	21.97	21.94	21.97	22	1	20	QPSK	50	24	22.77	22.80	22.81	22.68	23.5	1	
20	QPSK	50	50	18.53	18.54	18.53	18.53	10	0	20	QPSK	50	50	21.91	21.92	21.91	21.92	22	1	20	QPSK	50	50	21.91	21.92	21.91	21.92	22	1	20	QPSK	50	50	22.79	22.80	22.81	22.68	23.5	1	
20	QPSK	100	0	18.57	18.47	18.46	18.48	10	0	20	QPSK	100	0	21.95	21.91	21.44	21.38	21	2	20	QPSK	100	0	21.95	21.44	21.41	21.41	21	2	20	QPSK	100	0	22.83	22.56	22.59	22.67	23.5	1	
20	QPSK	1	0	18.50	18.46	18.52	18.45	10	0	20	QPSK	1	0	21.53	21.52	21.47	21.59	21	2	20	QPSK	1	0	21.53	21.48	21.44	21.47	21	2	20	QPSK	1	0	22.74	22.57	22.58	22.67	23.5	1	
20	QPSK	1	48	18.43	18.45	18.47	18.43	10	0	20	QPSK	1	48	21.48	21.50	21.44	21.53	21	2	20	QPSK	1	48	21.48	21.47	21.48	21.52	21	2	20	QPSK	1	48	22.67	22.51	22.51	22.58	23.5	1	
20	QPSK	1	96	18.46	18.34	18.42	18.33	10	0	20	QPSK	1	96	21.36	21.28	21.44	21.38	21	2	20	QPSK	1	96	21.36	21.28	21.48	21.48	21	2	20	QPSK	1	96	22.72	22.56	22.64	22.64	23.5	1	
20	QPSK	50	0	18.58	18.52	18.53	18.51	10	0	20	QPSK	50	0	20.56	20.58	20.53	20.43	21	2	20	QPSK	50	0	20.56	20.57	20.56	20.48	21	2	20	QPSK	50	0	21.78	21.53	21.67	21.65	22.5	2	
20	QPSK	50	24	18.48	18.28	18.43	18.45	10	0	20	QPSK	50	24	20.44	20.52	20.44	20.36	21	2	20	QPSK	50	24	20.20	20.24	20.35	20.48	21	2	20	QPSK	50	24	21.67	21.41	21.56	21.51	22.5	2	
20	QPSK	50	50	18.43	18.27	18.38	18.38	10	0	20	QPSK	50	50	20.44	20.29	20.52	20.50	21	2	20	QPSK	50	50	20.23	20.42	20.31	20.51	21	2	20	QPSK	50	50	21.73	21.56	21.57	21.53	22.5	2	
20	QPSK	100	0	18.54	18.37	18.39	18.43	10	0	20	QPSK	100	0	20.41	20.50	20.43	20.41	21	2	20	QPSK	100	0	20.25	20.39	20.52	20.48	21	2	20	QPSK	100	0	21.78	21.58	21.57	21.53	22.5	2	
20	QPSK	1	0	18.49	18.40	18.47	18.47	10	0	20	QPSK	1	0	20.54	20.57	20.40	20.39	21	2	20	QPSK	1	0	20.54	20.59	20.56	20.47	21	2	20	QPSK	1	0	21.57	21.52	21.57	21.52	22.5	2	
20	QPSK	1	48	18.52	18.38	18.42	18.42	10	0	20	QPSK	1	48	20.46	20.35	20.52	20.51	21	2	20	QPSK	1	48	19.88	20.09	19.97	20.11	21	2	20	QPSK	1	48	21.64	21.41	21.52	21.54	22.5	2	
20	QPSK	1	96	18.50	18.37	18.40	18.36	10	0	20	QPSK	1	96	20.46	20.35	20.52	20.52	21	2	20	QPSK	1	96	19.86	20.02	19.89	20.05	21	2	20	QPSK	1	96	21.72	21.45	21.52	21.60	22.5	2	
20	QPSK	50	0	18.52	18.37	18.40	18.40	10	0	20	QPSK	50	0	19.90	19.44	19.38	19.45	20	3	20	QPSK	50	0	19.32	19.38	19.35	19.48	20	3	20	QPSK	50	0	20.80	20.59	20.70	20.69	21.5	3	
20	QPSK	50	24	18.38	18.22	18.45	18.39	10	0	20	QPSK	50	24	19.58	19.41	19.48	19.35	20	3	20	QPSK	50	24	19.28	19.44	19.35	19.51	20	3	20	QPSK	50	24	20.81	20.46	20.63	20.63	21.5	3	
20	QPSK	50	50	18.43	18.27	18.39	18.43	10	0	20	QPSK	50	50	19.53	18.52	18.51	18.58	20	3	20	QPSK	50	50	19.17	19.43	19.31	19.53	20	3	20	QPSK	50	50	20.71	20.47	20.57	20.57	21.5	3	
20	QPSK	100	0	18.49	18.40	18.42	18.48	10	0	20	QPSK	100	0	19.54	19.40	19.40	19.51	20	3	20	QPSK	100	0	19.22	19.39	19.37	19.49	20	3	20	QPSK	100	0	20.78	20.48	20.57	20.56	21.5	3	
Channel										Channel										Channel										Channel										
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										
15	QPSK	1	0	18.43	18.36	18.31	18.33	10	0	15	QPSK	1	0	22.48	22.48	22.48	22.48	23	0	15	QPSK	1	0	22.78	22.78	22.78	22.78	23	0	15	QPSK	1	0	23.78	23.78	23.78	23.78	24.5	0	
15	QPSK	1	37	18.38	18.37	18.42	18.48	10	0	15	QPSK	1	37	22.38	22.37	22.48	22.28	23	0	15	QPSK	1	37	22.68	22.67	22.78	22.58	23	0	15	QPSK	1	37	23.68	23.68	23.68	23.68	24.5	0	
15	QPSK	1	74	18.41	18.38	18.48	18.43	10	0	15	QPSK	1	74	22.45	22.49	22.47	22.19	23	0	15	QPSK	1	74	22.65	22.51	22.17	22.29	23	0	15	QPSK	1	74	23.67	23.58	23.61	23.43	24.5	0	
15	QPSK	1	111	18.43	18.42	18.41	18.39	10	0	15	QPSK	1	111	22.41	22.33	21.96	21.97	23	0	15	QPSK	1	111	22.51	22.37	21.96	21.97	23	0	15	QPSK	1	111	23.51	23.43	23.53	23.35	24.5	0	
15	QPSK	50	0	18.39	18.33	18.50	18.38	10	0	15	QPSK	50	0	21.38	20.99	21.38	21.28	22	1	15	QPSK	50	0	21.32	21.20	21.09	21.24	22	1	15	QPSK	50	0	22.84	22.40	22.57	22.57	23.5	1	
15	QPSK	50	24	18.48	18.32	18.42	18.36	10	0	15	QPSK	50	24	21.45	21.13	21.27	21.24	22	1	15	QPSK	50	24	21.22	21.20	21.18	21.19	22	1	15	QPSK	50	24	22.71	22.60	22.66	22.50	23.5	1	
15	QPSK	50	50	18.45	18.35	18.40	18.37	10	0	15	QPSK	50	50	21.47	21.40	21.36	21.37	22	1	15	QPSK	50	50	21.32	21.30	21.17	21.31	22	1	15	QPSK	50	50	22.87	22.55	22.49	22.58	23.5	1	
15	QPSK	1	0	18.38	18.33	18.42	18.34	10	0	15	QPSK	1	0	21.50	21.11	21.38	21.14	22	1	15	QPSK	1	0	21.39	21.36	21.23	21.28	22	1	15	QPSK	1	0	22.87	22.55	22.49	22.58	23.5	1	
15	QPSK	1	37	18.34	18.30	18.34	18.33	10	0	15	QPSK	1	37	21.42	21.19	21.39	21.18	22	1	15	QPSK	1	37	21.37	21.31	21.49	21.40	21.38	22	1	15	QPSK	1	37	22.78	22.58	22.69	22		

Reduced Power Mode for ECI 16

Band 2_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Lower Ch./ Freq.	Power Middle Ch./ Freq.	Power Higher Ch./ Freq.	Turn-up limit (dBm)	MPR (dB)		
Channel				18680	18800	19100				
Frequency (MHz)				18680	18800	19000				
20	QPSK	1	0	18.40	18.45	18.42	19.5	0		
20	QPSK	1	49	18.18	18.29	18.18				
20	QPSK	1	99	18.33	18.40	18.31				
20	QPSK	50	0	18.36	18.42	18.40	19.5	0		
20	QPSK	50	24	18.15	18.28	18.32				
20	QPSK	50	50	18.26	18.27	18.30				
20	QPSK	100	0	18.30	18.37	18.35	19.5	0		
20	16QAM	1	0	18.24	18.32	18.24				
20	16QAM	1	49	18.17	18.32	18.31				
20	16QAM	1	99	18.18	18.27	18.39	19.5	0		
20	16QAM	50	0	18.25	18.34	18.31				
20	16QAM	50	24	18.22	18.31	18.31				
20	16QAM	50	50	18.31	18.20	18.27	19.5	0		
20	16QAM	100	0	18.33	18.31	18.27				
20	64QAM	1	0	18.30	18.44	18.22				
20	64QAM	1	49	18.23	18.35	18.28	19.5	0		
20	64QAM	1	99	18.26	18.31	18.27				
20	64QAM	50	0	18.30	18.32	18.27				
20	64QAM	50	24	18.25	18.37	18.25	19.5	0		
20	64QAM	50	50	18.21	18.44	18.25				
20	64QAM	100	0	18.35	18.30	18.27				
Channel				18675	18900	19125	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	1880	1902.5				
15	QPSK	1	0	18.30	18.31	18.41	19.5	0		
15	QPSK	1	37	18.07	18.17	18.08				
15	QPSK	1	74	18.21	18.37	18.18				
15	QPSK	36	0	18.24	18.28	18.28	19.5	0		
15	QPSK	36	20	18.07	18.27	18.23				
15	QPSK	36	39	18.17	18.23	18.28				
15	QPSK	75	0	18.25	18.34	18.28	19.5	0		
15	16QAM	1	0	18.17	18.31	18.09				
15	16QAM	1	37	18.05	18.17	18.20				
15	16QAM	1	74	18.17	18.23	18.29	19.5	0		
15	16QAM	36	0	18.17	18.25	18.24				
15	16QAM	36	20	18.07	18.28	18.30				
15	16QAM	36	39	18.23	18.18	18.13	19.5	0		
15	16QAM	75	0	18.25	18.22	18.19				
15	64QAM	1	0	18.18	18.29	18.12				
15	64QAM	1	37	18.17	18.27	18.14	19.5	0		
15	64QAM	1	74	18.13	18.18	18.12				
15	64QAM	36	0	18.28	18.23	18.12				
15	64QAM	36	20	18.10	18.35	18.17	19.5	0		
15	64QAM	36	39	18.19	18.22	18.23				
15	64QAM	75	0	18.20	18.26	18.15				
Channel				18650	18900	19150	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	0	18.33	18.33	18.30	19.5	0		
10	QPSK	1	25	18.12	18.17	18.03				
10	QPSK	1	49	18.23	18.34	18.30				
10	QPSK	25	0	18.22	18.30	18.38	19.5	0		
10	QPSK	25	12	18.03	18.24	18.29				
10	QPSK	25	25	18.14	18.18	18.22				
10	QPSK	50	0	18.27	18.33	18.34	19.5	0		
10	16QAM	1	0	18.16	18.20	18.14				
10	16QAM	1	25	18.10	18.18	18.19				
10	16QAM	1	49	18.05	18.22	18.37	19.5	0		
10	16QAM	25	0	18.12	18.19	18.27				
10	16QAM	25	12	18.17	18.26	18.19				
10	16QAM	25	25	18.20	18.15	18.12	19.5	0		
10	16QAM	50	0	18.28	18.30	18.18				
10	64QAM	1	0	18.17	18.29	18.17				
10	64QAM	1	25	18.16	18.25	18.23	19.5	0		
10	64QAM	1	49	18.21	18.23	18.22				
10	64QAM	25	0	18.23	18.25	18.23				
10	64QAM	25	12	18.23	18.27	18.23	19.5	0		
10	64QAM	25	25	18.15	18.31	18.13				
10	64QAM	50	0	18.31	18.27	18.16				
Channel				18625	18900	19175	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	0	18.32	18.34	18.40	19.5	0		
5	QPSK	1	12	18.17	18.28	18.16				
5	QPSK	1	24	18.26	18.35	18.28				
5	QPSK	12	0	18.22	18.27	18.33	19.5	0		
5	QPSK	12	7	18.11	18.27	18.26				
5	QPSK	12	13	18.24	18.19	18.24				
5	QPSK	25	0	18.25	18.24	18.23	19.5	0		
5	16QAM	1	0	18.23	18.31	18.17				
5	16QAM	1	12	18.12	18.31	18.25				
5	16QAM	1	24	18.06	18.16	18.35	19.5	0		
5	16QAM	12	0	18.23	18.30	18.29				
5	16QAM	12	7	18.11	18.22	18.25				
5	16QAM	12	13	18.16	18.12	18.16	19.5	0		
5	16QAM	25	0	18.18	18.19	18.19				
5	64QAM	1	0	18.19	18.37	18.07				
5	64QAM	1	12	18.12	18.28	18.18	19.5	0		
5	64QAM	1	24	18.19	18.20	18.25				
5	64QAM	12	0	18.23	18.25	18.19				
5	64QAM	12	7	18.16	18.24	18.21	19.5	0		
5	64QAM	12	13	18.13	18.43	18.11				
5	64QAM	25	0	18.34	18.21	18.14				
Channel				18615	18900	19165	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1851.5	1880	1908.5				
3	QPSK	1	0	18.36	18.39	18.37	19.5	0		
3	QPSK	1	8	18.07	18.20	18.17				
3	QPSK	1	14	18.21	18.34	18.27				
3	QPSK	8	0	18.23	18.31	18.29	19.5	0		
3	QPSK	8	4	18.06	18.17	18.19				
3	QPSK	8	7	18.13	18.13	18.17				
3	QPSK	15	0	18.25	18.23	18.33	19.5	0		
3	16QAM	1	0	18.23	18.22	18.16				
3	16QAM	1	8	18.16	18.20	18.18				
3	16QAM	1	14	18.11	18.14	18.30	19.5	0		
3	16QAM	8	0	18.10	18.30	18.19				
3	16QAM	8	4	18.08	18.26	18.29				
3	16QAM	8	7	18.16	18.08	18.21	19.5	0		
3	16QAM	15	0	18.21	18.20	18.21				
3	64QAM	1	0	18.16	18.34	18.15				
3	64QAM	1	8	18.10	18.26	18.26	19.5	0		
3	64QAM	1	14	18.21	18.28	18.17				
3	64QAM	8	0	18.16	18.20	18.22	19.5	0		
3	64QAM	8	4	18.20	18.36	18.16				
3	64QAM	8	7	18.19	18.36	18.12				
3	64QAM	15	0	18.20	18.28	18.24	19.5	0		
3	64QAM	15	0	18.20	18.28	18.24				
Channel				18607	18900	19193	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	1880	1909.3				
1.4	QPSK	1	0	18.39	18.32	18.29	19.5	0		
1.4	QPSK	1	3	18.14	18.14	18.09				
1.4	QPSK	1	5	18.25	18.35	18.29				
1.4	QPSK	3	0	18.30	18.28	18.25	19.5	0		
1.4	QPSK	3	1	18.10	18.25	18.24				
1.4	QPSK	3	3	18.14	18.24	18.28				
1.4	QPSK	6	0	18.29	18.22	18.33	19.5	0		
1.4	16QAM	1	0	18.18	18.18	18.10				
1.4	16QAM	1	3	18.11	18.29	18.30				
1.4	16QAM	1	5	18.15	18.16	18.25	19.5	0		
1.4	16QAM	3	0	18.16	18.32	18.22				
1.4	16QAM	3	1	18.08	18.25	18.18				
1.4	16QAM	3	3	18.18	18.19	18.25	19.5	0		
1.4	16QAM	6	0	18.19	18.26	18.12				
1.4	64QAM	1	0	18.15	18.43	18.10				
1.4	64QAM	1	3	18.16	18.20	18.17	19.5	0		
1.4	64QAM	1	5	18.25	18.30	18.22				
1.4	64QAM	3	0	18.29	18.26	18.23				
1.4	64QAM	3	1	18.21	18.30	18.23	19.5	0		
1.4	64QAM	3	3	18.17	18.30	18.17				
1.4	64QAM	6	0	18.25	18.16	18.26				

Band 4_Ant 1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				20050	20175	20300					
Frequency (MHz)				1720	1732.5	1745					
20	QPSK	1	0	23.25	23.30	23.27	24.5	0			
20	QPSK	1	49	23.22	23.26	23.20					
20	QPSK	1	99	23.11	23.15	23.22					
20	QPSK	50	0	22.26	22.31	22.27	23.5	1			
20	QPSK	50	24	22.27	22.22	22.25					
20	QPSK	50	50	22.21	22.19	22.26					
20	QPSK	100	0	22.24	22.29	22.26	23.5	1			
20	16QAM	1	0	22.52	22.53	22.48					
20	16QAM	1	49	22.53	22.51	22.48					
20	16QAM	1	99	22.44	22.36	22.50	22.5	2			
20	16QAM	50	0	21.23	21.20	21.21					
20	16QAM	50	24	21.26	21.19	21.26					
20	16QAM	50	50	21.22	21.20	21.26	22.5	2			
20	16QAM	100	0	21.22	21.18	21.24					
20	64QAM	1	0	21.34	21.45	21.41					
20	64QAM	1	49	21.42	21.43	21.46	22.5	2			
20	64QAM	1	99	21.27	21.25	21.42					
20	64QAM	50	0	20.24	20.22	20.21					
20	64QAM	50	24	20.27	20.21	20.27	21.5	3			
20	64QAM	50	50	20.19	20.19	20.25					
20	64QAM	100	0	20.23	20.19	20.27					
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1717.5	1732.5	1747.5					
15	QPSK	1	0	23.15	23.16	23.22	24.5	0			
15	QPSK	1	37	23.09	23.16	23.13					
15	QPSK	1	74	23.10	23.03	23.12					
15	QPSK	36	0	22.22	22.17	22.17	23.5	1			
15	QPSK	36	20	22.12	22.19	22.24					
15	QPSK	36	39	22.11	22.06	22.15					
15	QPSK	75	0	22.09	22.21	22.25	23.5	1			
15	16QAM	1	0	22.49	22.41	22.34					
15	16QAM	1	37	22.39	22.49	22.40					
15	16QAM	1	74	22.40	22.30	22.42	22.5	2			
15	16QAM	36	0	21.12	21.05	21.15					
15	16QAM	36	20	21.16	21.05	21.19					
15	16QAM	36	39	21.09	21.13	21.13	22.5	2			
15	16QAM	75	0	21.13	21.10	21.20					
15	64QAM	1	0	21.27	21.39	21.37					
15	64QAM	1	37	21.30	21.38	21.37	22.5	2			
15	64QAM	1	74	21.13	21.21	21.33					
15	64QAM	36	0	20.17	20.18	20.07					
15	64QAM	36	20	20.26	20.20	20.26	21.5	3			
15	64QAM	36	39	20.11	20.05	20.21					
15	64QAM	75	0	20.20	20.08	20.20					
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1715	1732.5	1750					
10	QPSK	1	0	23.14	23.18	23.18	24.5	0			
10	QPSK	1	25	23.07	23.12	23.19					
10	QPSK	1	49	23.06	23.07	23.19					
10	QPSK	25	0	22.16	22.21	22.21	23.5	1			
10	QPSK	25	12	22.14	22.11	22.19					
10	QPSK	25	25	22.14	22.14	22.14					
10	QPSK	50	0	22.18	22.14	22.14	23.5	1			
10	16QAM	1	0	22.39	22.43	22.38					
10	16QAM	1	25	22.51	22.47	22.42					
10	16QAM	1	49	22.37	22.34	22.47	22.5	2			
10	16QAM	25	0	21.18	21.19	21.07					
10	16QAM	25	12	21.15	21.09	21.17					
10	16QAM	25	25	21.13	21.13	21.25	22.5	2			
10	16QAM	50	0	21.17	21.14	21.20					
10	64QAM	1	0	21.25	21.33	21.30					
10	64QAM	1	25	21.38	21.36	21.40	22.5	2			
10	64QAM	1	49	21.17	21.13	21.29					
10	64QAM	25	0	20.13	20.08	20.06					
10	64QAM	25	12	20.23	20.07	20.25	21.5	3			
10	64QAM	25	25	20.12	20.07	20.21					
10	64QAM	50	0	20.15	20.05	20.19					
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1712.5	1732.5	1752.5					
5	QPSK	1	0	23.18	23.18	23.24	24.5	0			
5	QPSK	1	12	23.09	23.18	23.07					
5	QPSK	1	24	23.06	23.00	23.10					
5	QPSK	12	0	22.14	22.24	22.16	23.5	1			
5	QPSK	12	7	22.20	22.16	22.14					
5	QPSK	12	13	22.18	22.15	22.21					
5	QPSK	25	0	22.23	22.28	22.14	23.5	1			
5	16QAM	1	0	22.40	22.41	22.35					
5	16QAM	1	12	22.50	22.37	22.34					
5	16QAM	1	24	22.33	22.35	22.45	22.5	2			
5	16QAM	12	0	21.17	21.06	21.16					
5	16QAM	12	7	21.17	21.07	21.21					
5	16QAM	12	13	21.16	21.07	21.25	22.5	2			
5	16QAM	25	0	21.13	21.05	21.09					
5	64QAM	1	0	21.20	21.39	21.40					
5	64QAM	1	12	21.31	21.36	21.45	22.5	2			
5	64QAM	1	24	21.25	21.11	21.33					
5	64QAM	12	0	20.14	20.20	20.14					
5	64QAM	12	7	20.16	20.11	20.14	21.5	3			
5	64QAM	12	13	20.13	20.16	20.25					
5	64QAM	25	0	20.15	20.11	20.23					
Channel				19950	20175	20395	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1710.7	1732.5	1754.3					
1.4	QPSK	1	0	23.15	23.22	23.17	24.5	0			
1.4	QPSK	1	3	23.20	23.23	23.16					
1.4	QPSK	1	5	22.98	23.12	23.18					
1.4	QPSK	3	0	23.14	23.25	23.25	23.5	1			
1.4	QPSK	3	1	23.07	23.24	23.19					
1.4	QPSK	3	3	23.01	23.08	23.21					
1.4	QPSK	6	0	22.12	22.28	22.22	23.5	1			
1.4	16QAM	1	0	22.40	22.38	22.36					
1.4	16QAM	1	3	22.48	22.39	22.38					
1.4	16QAM	1	5	22.40	22.35	22.45	23.5	1			
1.4	16QAM	3	0	22.28	22.39	22.46					
1.4	16QAM	3	3	22.43	22.30	22.46					
1.4	16QAM	6	0	21.21	21.14	21.14	22.5	2			
1.4	64QAM	1	0	21.33	21.38	21.36					
1.4	64QAM	1	3	21.29	21.37	21.41					
1.4	64QAM	1	5	21.16	21.13	21.36	22.5	2			
1.4	64QAM	3	0	21.22	21.43	21.26					
1.4	64QAM	3	1	21.40	21.40	21.36					
1.4	64QAM	3	3	21.21	21.17	21.35	21.5	3			
1.4	64QAM	6	0	20.16	20.11	20.22					

Band 5_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	25	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.78	23.87	23.90			
10	QPSK	1	25	23.66	23.74	23.83			
10	QPSK	1	49	23.70	23.82	23.74	24	1	
10	QPSK	25	0	22.64	22.77	22.74			
10	QPSK	25	12	22.83	22.87	22.72			
10	QPSK	25	25	21.60	21.78	21.71			
10	QPSK	50	0	22.67	22.75	22.73	24	1	
10	16QAM	1	0	22.74	22.93	22.97			
10	16QAM	1	25	22.74	22.74	23.02			
10	16QAM	1	49	22.71	23.00	22.97			
10	16QAM	25	0	21.66	21.83	21.74	23	2	
10	16QAM	25	12	21.60	21.71	21.69			
10	16QAM	25	25	21.60	21.78	21.71			
10	16QAM	50	0	21.62	21.73	21.71			
10	64QAM	1	0	21.93	22.06	21.96	23	2	
10	64QAM	1	25	21.85	21.77	21.95			
10	64QAM	1	49	21.84	21.98	21.81			
10	64QAM	25	0	20.60	20.73	20.66			
10	64QAM	25	12	20.52	20.62	20.69	22	3	
10	64QAM	25	25	20.66	20.68	20.81			
10	64QAM	50	0	20.63	20.68	20.74			
Channel				20425	20525	20625	25	0	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.75	23.85	23.83			
5	QPSK	1	12	23.54	23.73	23.39			
5	QPSK	1	24	23.65	23.77	23.62	24	1	
5	QPSK	12	0	22.60	22.72	22.61			
5	QPSK	12	7	22.51	22.56	22.71			
5	QPSK	12	13	22.55	22.62	22.82			
5	QPSK	25	0	22.56	22.62	22.66	24	1	
5	16QAM	1	0	22.67	22.80	22.91			
5	16QAM	1	12	22.61	22.82	22.93			
5	16QAM	1	24	22.67	22.90	22.86			
5	16QAM	12	0	21.65	21.54	21.72	23	2	
5	16QAM	12	7	21.56	21.64	21.65			
5	16QAM	12	13	21.57	21.73	21.70			
5	16QAM	25	0	21.61	21.66	21.58			
5	64QAM	1	0	21.89	22.01	21.87	23	2	
5	64QAM	1	12	21.75	21.69	21.94			
5	64QAM	1	24	21.72	21.93	21.76			
5	64QAM	12	0	20.49	20.67	20.60			
5	64QAM	12	7	20.46	20.50	20.58	22	3	
5	64QAM	12	13	20.57	20.55	20.72			
5	64QAM	25	0	20.68	20.62	20.74			
Channel				20415	20525	20635	25	0	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	23.74	23.81	23.76			
3	QPSK	1	8	23.52	23.66	23.39			
3	QPSK	1	14	23.61	23.69	23.70	24	1	
3	QPSK	8	0	22.57	22.76	22.71			
3	QPSK	8	4	22.62	22.59	22.89			
3	QPSK	8	7	22.60	22.61	22.89			
3	QPSK	15	0	22.59	22.73	22.64	24	1	
3	16QAM	1	0	22.62	22.89	22.88			
3	16QAM	1	8	22.72	22.68	22.97			
3	16QAM	1	14	22.68	22.88	22.91			
3	16QAM	8	0	21.65	21.57	21.63	23	2	
3	16QAM	8	4	21.48	21.63	21.63			
3	16QAM	8	7	21.59	21.64	21.64			
3	16QAM	15	0	21.53	21.61	21.56			
3	64QAM	1	0	21.80	21.95	21.95	23	2	
3	64QAM	1	8	21.78	21.69	21.88			
3	64QAM	1	14	21.70	21.85	21.70			
3	64QAM	8	0	20.49	20.66	20.51			
3	64QAM	8	4	20.42	20.48	20.57	22	3	
3	64QAM	8	7	20.63	20.65	20.73			
3	64QAM	15	0	20.68	20.59	20.65			
Channel				20407	20525	20643	25	0	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.69	23.72	23.84			
1.4	QPSK	1	3	23.51	23.71	23.45			
1.4	QPSK	1	5	23.57	23.77	23.65	24	1	
1.4	QPSK	3	0	23.71	23.80	23.85			
1.4	QPSK	3	1	23.63	23.68	23.45			
1.4	QPSK	3	3	23.69	23.70	23.73			
1.4	QPSK	6	0	22.58	22.61	22.85	24	1	
1.4	16QAM	1	0	22.73	22.91	22.88			
1.4	16QAM	1	3	22.64	22.59	23.00			
1.4	16QAM	1	5	22.66	22.86	22.84			
1.4	16QAM	3	0	22.73	22.86	22.87	23	2	
1.4	16QAM	3	1	22.64	22.71	23.01			
1.4	16QAM	3	3	22.59	22.86	22.86			
1.4	16QAM	6	0	21.57	21.64	21.67			
1.4	64QAM	1	0	21.92	21.93	21.87	23	2	
1.4	64QAM	1	3	21.82	21.73	21.92			
1.4	64QAM	1	5	21.80	21.92	21.80			
1.4	64QAM	3	0	21.49	21.75	21.69			
1.4	64QAM	3	1	21.53	21.69	21.70	22	3	
1.4	64QAM	3	3	21.96	21.99	21.97			
1.4	64QAM	6	0	20.60	20.59	20.77			

Band 5_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch0 / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	25	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.63	23.66	23.64			
10	QPSK	1	25	23.49	23.44	23.50			
10	QPSK	1	49	23.47	23.61	23.57	24	1	
10	QPSK	25	0	22.59	22.63	22.55			
10	QPSK	25	12	22.54	22.49	22.50			
10	QPSK	25	25	22.55	22.56	22.47			
10	QPSK	50	0	22.56	22.60	22.52	24	1	
10	16QAM	1	0	22.85	23.05	22.80			
10	16QAM	1	25	22.71	22.81	23.01			
10	16QAM	1	49	22.88	22.87	22.93			
10	16QAM	25	0	21.57	21.47	21.60	23	2	
10	16QAM	25	12	21.62	21.42	21.64			
10	16QAM	25	25	21.61	21.48	21.62			
10	16QAM	50	0	21.61	21.46	21.61			
10	64QAM	1	0	21.75	21.87	21.80	23	2	
10	64QAM	1	25	21.76	21.60	21.66			
10	64QAM	1	49	21.62	21.68	21.94			
10	64QAM	25	0	20.50	20.53	20.61			
10	64QAM	25	12	20.49	20.46	20.48	22	3	
10	64QAM	25	25	20.52	20.58	20.52			
10	64QAM	50	0	20.51	20.51	20.61			
Channel				20425	20525	20625	25	0	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.51	23.64	23.58			
5	QPSK	1	12	23.41	23.42	23.42			
5	QPSK	1	24	23.32	23.59	23.52	24	1	
5	QPSK	12	0	22.48	22.58	22.40			
5	QPSK	12	7	22.52	22.46	22.45			
5	QPSK	12	13	22.40	22.54	22.33			
5	QPSK	25	0	22.54	22.57	22.48	24	1	
5	16QAM	1	0	22.84	23.03	22.86			
5	16QAM	1	12	22.58	22.71	22.90			
5	16QAM	1	24	22.80	22.84	22.92	23	2	
5	16QAM	12	0	21.49	21.46	21.53			
5	16QAM	12	7	21.58	21.30	21.53			
5	16QAM	12	13	21.53	21.41	21.61	23	2	
5	16QAM	25	0	21.58	21.39	21.48			
5	16QAM	1	0	21.61	21.65	21.75			
5	64QAM	1	12	21.61	21.56	21.64	23	2	
5	64QAM	1	24	21.48	21.59	21.85			
5	64QAM	12	0	20.40	20.40	20.48			
5	64QAM	12	7	20.34	20.36	20.38	22	3	
5	64QAM	12	13	20.40	20.56	20.41			
5	64QAM	25	0	20.42	20.50	20.55			
Channel				20415	20525	20635	25	0	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	23.54	23.64	23.61			
3	QPSK	1	8	23.35	23.41	23.40			
3	QPSK	1	14	23.44	23.53	23.48	24	1	
3	QPSK	8	0	22.53	22.61	22.42			
3	QPSK	8	4	22.43	22.44	22.40			
3	QPSK	8	7	22.41	22.52	22.40			
3	QPSK	15	0	22.54	22.56	22.44	24	1	
3	16QAM	1	0	22.80	22.93	22.73			
3	16QAM	1	8	22.70	22.78	22.89			
3	16QAM	1	14	22.77	22.83	22.83			
3	16QAM	8	0	21.53	21.37	21.46	23	2	
3	16QAM	8	4	21.57	21.39	21.53			
3	16QAM	8	7	21.53	21.37	21.56			
3	16QAM	15	0	21.59	21.31	21.47			
3	64QAM	1	0	21.63	21.78	21.79	23	2	
3	64QAM	1	8	21.65	21.53	21.55			
3	64QAM	1	14	21.62	21.61	21.86			
3	64QAM	8	0	20.49	20.41	20.30			
3	64QAM	8	4	20.36	20.44	20.36	22	3	
3	64QAM	8	7	20.49	20.47	20.40			
3	64QAM	15	0	20.43	20.42	20.48			
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.57	23.56	23.57	25	0	
1.4	QPSK	1	3	23.46	23.42	23.40			
1.4	QPSK	1	5	23.37	23.51	23.43			
1.4	QPSK	3	0	23.54	23.60	23.54			
1.4	QPSK	3	1	23.45	23.29	23.49	24	1	
1.4	QPSK	3	3	23.46	23.54	23.45			
1.4	QPSK	6	0	22.43	22.47	22.39			
1.4	16QAM	1	0	22.78	22.99	22.89			
1.4	16QAM	1	3	22.60	22.69	22.67	24	1	
1.4	16QAM	1	5	22.87	22.79	22.97			
1.4	16QAM	3	0	22.62	23.02	22.79			
1.4	16QAM	3	1	22.66	22.79	22.80			
1.4	16QAM	3	3	22.74	22.72	22.86	23	2	
1.4	16QAM	6	0	21.50	21.37	21.58			
1.4	64QAM	1	0	21.71	21.77	21.67			
1.4	64QAM	1	3	21.62	21.53	21.63			
1.4	64QAM	1	5	21.57	21.67	21.83	23	2	
1.4	64QAM	3	0	21.61	21.85	21.68			
1.4	64QAM	3	3	21.63	21.59	21.67			
1.4	64QAM	3	3	21.80	21.54	21.91			
1.4	64QAM	6	0	20.45	20.42	20.50	22	3	

Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	18.49	18.60	18.52	20	0	
20	QPSK	1	49	18.48	18.35	18.41			
20	QPSK	1	99	18.32	18.50	18.34			
20	QPSK	50	0	18.50	18.54	18.47			
20	QPSK	50	24	18.41	18.38	18.42	20	0	
20	QPSK	50	50	18.44	18.51	18.44			
20	QPSK	100	0	18.44	18.49	18.42			
20	16QAM	1	0	18.49	18.40	18.39			
20	16QAM	1	49	18.51	18.28	18.30	20	0	
20	16QAM	1	99	18.40	18.35	18.32			
20	16QAM	50	0	18.31	18.42	18.38			
20	16QAM	50	24	18.26	18.35	18.32			
20	16QAM	50	50	18.27	18.49	18.40	20	0	
20	16QAM	100	0	18.44	18.30	18.30			
20	64QAM	1	0	18.41	18.59	18.39			
20	64QAM	1	49	18.39	18.25	18.24			
20	64QAM	1	99	18.29	18.56	18.26	20	0	
20	64QAM	50	0	18.39	18.27	18.26			
20	64QAM	50	24	18.43	18.36	18.39			
20	64QAM	50	50	18.38	18.24	18.28			
20	64QAM	100	0	18.28	18.57	18.28			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	18.38	18.44	18.50	20	0	
15	QPSK	1	37	18.40	18.24	18.29			
15	QPSK	1	74	18.17	18.40	18.26			
15	QPSK	36	0	18.39	18.51	18.46			
15	QPSK	36	20	18.39	18.35	18.27	20	0	
15	QPSK	36	36	18.36	18.42	18.31			
15	QPSK	75	0	18.36	18.48	18.28			
15	16QAM	1	0	18.39	18.36	18.33			
15	16QAM	1	37	18.40	18.21	18.21	20	0	
15	16QAM	1	74	18.32	18.28	18.20			
15	16QAM	36	0	18.22	18.38	18.30			
15	16QAM	36	20	18.20	18.31	18.28			
15	16QAM	36	36	18.14	18.34	18.27	20	0	
15	16QAM	75	0	18.42	18.29	18.26			
15	64QAM	1	0	18.39	18.54	18.28			
15	64QAM	1	37	18.35	18.20	18.21			
15	64QAM	1	74	18.15	18.48	18.19	20	0	
15	64QAM	36	0	18.26	18.21	18.18			
15	64QAM	36	20	18.30	18.44	18.35			
15	64QAM	36	36	18.26	18.14	18.13			
15	64QAM	75	0	18.20	18.48	18.13			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	18.41	18.58	18.44	20	0	
10	QPSK	1	25	18.37	18.23	18.40			
10	QPSK	1	49	18.27	18.47	18.33			
10	QPSK	25	0	18.37	18.48	18.39			
10	QPSK	25	12	18.40	18.26	18.38	20	0	
10	QPSK	25	25	18.42	18.43	18.43			
10	QPSK	50	0	18.35	18.42	18.41			
10	16QAM	1	0	18.41	18.39	18.38			
10	16QAM	1	25	18.46	18.18	18.20	20	0	
10	16QAM	1	49	18.32	18.33	18.26			
10	16QAM	25	0	18.22	18.27	18.27			
10	16QAM	25	12	18.12	18.27	18.31			
10	16QAM	25	25	18.17	18.39	18.29	20	0	
10	16QAM	50	0	18.31	18.23	18.21			
10	64QAM	1	0	18.33	18.50	18.34			
10	64QAM	1	25	18.30	18.13	18.22			
10	64QAM	1	49	18.19	18.48	18.15	20	0	
10	64QAM	25	0	18.26	18.26	18.19			
10	64QAM	25	12	18.30	18.45	18.28			
10	64QAM	25	25	18.24	18.13	18.13			
10	64QAM	50	0	18.20	18.47	18.13			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	18.41	18.54	18.45	20	0	
5	QPSK	1	12	18.47	18.27	18.36			
5	QPSK	1	24	18.31	18.40	18.23			
5	QPSK	12	0	18.36	18.47	18.46			
5	QPSK	12	7	18.36	18.23	18.37	20	0	
5	QPSK	12	13	18.34	18.40	18.35			
5	QPSK	25	0	18.31	18.42	18.29			
5	16QAM	1	0	18.47	18.27	18.31			
5	16QAM	1	12	18.37	18.22	18.16	20	0	
5	16QAM	1	24	18.25	18.30	18.23			
5	16QAM	12	0	18.20	18.31	18.27			
5	16QAM	12	7	18.18	18.22	18.27			
5	16QAM	12	13	18.17	18.48	18.27	20	0	
5	16QAM	25	0	18.37	18.23	18.17			
5	64QAM	1	0	18.35	18.48	18.28			
5	64QAM	1	12	18.25	18.18	18.09			
5	64QAM	1	24	18.17	18.55	18.16	20	0	
5	64QAM	12	0	18.31	18.13	18.23			
5	64QAM	12	7	18.34	18.48	18.25			
5	64QAM	12	13	18.28	18.15	18.17			
5	64QAM	25	0	18.17	18.44	18.21			

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.75	23.85	23.77	24.5	0	
20	QPSK	1	49	23.69	23.77	23.70			
20	QPSK	1	99	23.72	23.85	23.71			
20	QPSK	50	0	22.73	22.79	22.76			
20	QPSK	50	24	22.66	22.74	22.73	23.5	1	
20	QPSK	50	50	22.68	22.77	22.71			
20	QPSK	100	0	22.67	22.75	22.69			
20	16QAM	1	0	22.82	22.90	22.85			
20	16QAM	1	49	22.88	22.91	22.85	23.5		
20	16QAM	1	99	22.79	23.10	23.13			
20	16QAM	50	0	21.59	21.79	21.72			
20	16QAM	50	24	21.66	21.75	21.69			
20	16QAM	50	50	21.74	21.75	21.71	22.5	2	
20	16QAM	100	0	21.60	21.73	21.71			
20	84QAM	1	0	21.80	22.06	22.05			
20	84QAM	1	49	21.77	21.91	21.85			
20	84QAM	1	99	21.80	21.93	22.13	22.5	2	
20	84QAM	50	0	20.61	20.76	20.76			
20	84QAM	50	24	20.68	20.82	20.71			
20	84QAM	50	50	20.71	20.80	20.70			
20	84QAM	100	0	20.78	20.78	20.72	21.5	3	
Channel				20855 <th>21100<th>21375</th></th>	21100 <th>21375</th>	21375			
Frequency (MHz)				2507.5 <th>2535<th>2562.5</th></th>	2535 <th>2562.5</th>	2562.5			
15	QPSK	1	0	23.67	23.79	23.76	24.5	0	
15	QPSK	1	37	23.59	23.65	23.69			
15	QPSK	1	74	23.64	23.70	23.67			
15	QPSK	36	0	22.67	22.70	22.67			
15	QPSK	36	20	22.65	22.66	22.71	23.5	1	
15	QPSK	36	39	22.66	22.69	22.72			
15	QPSK	75	0	22.58	22.75	22.60			
15	16QAM	1	0	22.67	22.66	22.68			
15	16QAM	1	37	22.83	22.80	22.76	23.5	1	
15	16QAM	1	74	22.70	23.03	23.11			
15	16QAM	36	0	21.50	21.71	21.64			
15	16QAM	36	20	21.61	21.63	21.60			
15	16QAM	36	39	21.62	21.68	21.59	22.5	2	
15	16QAM	75	0	21.60	21.71	21.59			
15	84QAM	1	0	21.66	22.05	22.01			
15	84QAM	1	37	21.73	21.89	21.73			
15	84QAM	1	74	21.67	21.78	22.06	22.5	2	
15	84QAM	36	0	20.57	20.69	20.62			
15	84QAM	36	20	20.58	20.81	20.56			
15	84QAM	36	39	20.56	20.77	20.69			
15	84QAM	75	0	20.51	20.74	20.62	21.5	3	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	23.65	23.79	23.72	24.5	0	
10	QPSK	1	25	23.67	23.69	23.63			
10	QPSK	1	49	23.64	23.70	23.70			
10	QPSK	25	0	22.62	22.66	22.72			
10	QPSK	25	12	22.57	22.67	22.64	23.5	1	
10	QPSK	25	25	22.64	22.63	22.69			
10	QPSK	50	0	22.54	22.73	22.84			
10	16QAM	1	0	22.75	22.80	22.88			
10	16QAM	1	25	22.67	22.68	22.77	23.5	1	
10	16QAM	1	49	22.75	23.08	23.05			
10	16QAM	25	0	21.52	21.73	21.65			
10	16QAM	25	12	21.56	21.64	21.57			
10	16QAM	25	25	21.62	21.67	21.68	22.5		
10	16QAM	50	0	21.51	21.67	21.70			
10	84QAM	1	0	21.72	21.98	21.90			
10	84QAM	1	25	21.67	21.81	21.84			
10	84QAM	1	49	21.67	21.81	21.94	22.5	2	
10	84QAM	25	0	20.48	20.74	20.69			
10	84QAM	25	12	20.65	20.73	20.74			
10	84QAM	25	25	20.60	20.72	20.65			
10	84QAM	50	0	20.62	20.72	20.65	21.5	3	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	23.60	23.85	23.65	24.5	0	
5	QPSK	1	12	23.57	23.74	23.62			
5	QPSK	1	24	23.68	23.64	23.68			
5	QPSK	12	0	22.62	22.68	22.67			
5	QPSK	12	7	22.62	22.69	22.72	23.5	1	
5	QPSK	12	13	22.63	22.66	22.69			
5	QPSK	25	0	22.56	22.65	22.65			
5	16QAM	1	0	22.73	22.81	22.89			
5	16QAM	1	12	22.75	22.84	22.72	23.5	1	
5	16QAM	1	24	22.74	22.99	22.99			
5	16QAM	12	0	21.51	21.67	21.66			
5	16QAM	12	7	21.57	21.94	21.82			
5	16QAM	12	13	21.61	21.67	21.65	22.5	2	
5	16QAM	25	0	21.52	21.62	21.60			
5	84QAM	1	0	21.70	22.04	21.98			
5	84QAM	1	12	21.64	21.82	21.77			
5	84QAM	1	24	21.70	21.88	22.01	22.5		
5	84QAM	12	0	20.59	20.68	20.62			
5	84QAM	12	7	20.57	20.68	20.67			
5	84QAM	12	13	20.62	20.75	20.67			
5	84QAM	25	0	20.62	20.73	20.68	21.5	3	

Band 12_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130	24.5	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.43	23.50	23.45			
10	QPSK	1	25	23.22	23.39	23.29			
10	QPSK	1	49	23.41	23.47	23.22	23.5	1	
10	QPSK	25	0	22.26	22.30	22.35			
10	QPSK	25	12	22.21	22.20	22.22			
10	QPSK	25	25	21.18	21.36	21.25			
10	QPSK	50	0	22.23	22.27	22.24	23.5	1	
10	16QAM	1	0	22.52	22.37	22.60			
10	16QAM	1	25	22.42	22.32	22.35			
10	16QAM	1	49	22.66	22.55	22.61			
10	16QAM	25	0	21.24	21.18	21.20	22.5	2	
10	16QAM	25	12	21.14	21.26	21.18			
10	16QAM	25	25	21.18	21.36	21.25			
10	16QAM	50	0	21.17	21.24	21.23			
10	64QAM	1	0	21.25	21.36	21.22	22.5	2	
10	64QAM	1	25	21.53	21.35	21.40			
10	64QAM	1	49	21.50	21.39	21.35			
10	64QAM	25	0	20.19	20.28	20.21			
10	64QAM	25	12	20.25	20.21	20.31	21.5	3	
10	64QAM	25	25	20.27	20.37	20.23			
10	64QAM	50	0	20.29	20.25	20.23			
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5	24.5	0	
5	QPSK	1	0	23.38	23.37	23.38			
5	QPSK	1	12	23.08	23.28	23.15			
5	QPSK	1	24	23.31	23.38	23.19			
5	QPSK	12	0	22.26	22.28	22.21	23.5	1	
5	QPSK	12	7	22.07	22.19	22.07			
5	QPSK	12	13	22.12	22.23	22.16			
5	QPSK	25	0	22.17	22.24	22.16			
5	16QAM	1	0	22.37	22.28	22.56	23.5	1	
5	16QAM	1	12	22.37	22.17	22.33			
5	16QAM	1	24	22.59	22.45	22.59			
5	16QAM	12	0	21.14	21.04	21.11			
5	16QAM	12	7	21.02	21.14	21.14	22.5	2	
5	16QAM	12	13	21.09	21.25	21.13			
5	16QAM	25	0	21.06	21.19	21.16			
5	64QAM	1	0	21.13	21.29	21.08			
5	64QAM	1	12	21.38	21.31	21.25	22.5	2	
5	64QAM	1	24	21.47	21.29	21.34			
5	64QAM	12	0	20.11	20.23	20.19			
5	64QAM	12	7	20.19	20.13	20.27			
5	64QAM	12	13	20.20	20.26	20.16	21.5	3	
5	64QAM	25	0	20.20	20.22	20.08			
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				700.5	707.5	714.5	24.5	0	
3	QPSK	1	0	23.40	23.49	23.35			
3	QPSK	1	8	23.16	23.31	23.21			
3	QPSK	1	14	23.36	23.45	23.21			
3	QPSK	8	0	22.19	22.25	22.19	23.5	1	
3	QPSK	8	4	22.06	22.09	22.11			
3	QPSK	8	7	22.14	22.22	22.16			
3	QPSK	15	0	22.09	22.19	22.20			
3	16QAM	1	0	22.51	22.30	22.59	23.5	1	
3	16QAM	1	8	22.35	22.25	22.28			
3	16QAM	1	14	22.53	22.48	22.54			
3	16QAM	8	0	21.14	21.09	21.06			
3	16QAM	8	4	21.09	21.14	21.16	22.5	2	
3	16QAM	8	7	21.00	21.30	21.11			
3	16QAM	15	0	21.12	21.14	21.22			
3	64QAM	1	0	21.21	21.35	21.09			
3	64QAM	1	8	21.46	21.22	21.39	22.5	2	
3	64QAM	1	14	21.36	21.34	21.29			
3	64QAM	8	0	20.11	20.18	20.17			
3	64QAM	8	4	20.16	20.10	20.27			
3	64QAM	8	7	20.19	20.35	20.20	21.5	3	
3	64QAM	15	0	20.16	20.17	20.22			
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				699.7	707.5	715.3	24.5	0	
1.4	QPSK	1	0	23.32	23.45	23.37			
1.4	QPSK	1	3	23.16	23.26	23.17			
1.4	QPSK	1	5	23.38	23.40	23.21			
1.4	QPSK	3	0	23.39	23.42	23.42	23.5	1	
1.4	QPSK	3	1	23.20	23.28	23.17			
1.4	QPSK	3	3	23.36	23.40	23.09			
1.4	QPSK	6	0	22.20	22.18	22.20			
1.4	16QAM	1	0	22.45	22.28	22.55	23.5	1	
1.4	16QAM	1	3	22.30	22.26	22.30			
1.4	16QAM	1	5	22.58	22.51	22.46			
1.4	16QAM	3	0	22.46	22.25	22.46			
1.4	16QAM	3	1	22.33	22.26	22.26	22.5	2	
1.4	16QAM	3	3	22.62	22.48	22.46			
1.4	16QAM	6	0	21.11	21.11	21.10			
1.4	64QAM	1	0	21.19	21.27	21.19			
1.4	64QAM	1	3	21.42	21.21	21.29	22.5	2	
1.4	64QAM	1	5	21.43	21.30	21.25			
1.4	64QAM	3	0	21.13	21.32	21.14			
1.4	64QAM	3	1	21.38	21.20	21.27			
1.4	64QAM	3	3	21.36	21.35	21.24	21.5	3	
1.4	64QAM	6	0	20.22	20.22	20.19			

Band 12_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130	24.5	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.66	23.72	23.69			
10	QPSK	1	25	23.60	23.64	23.54			
10	QPSK	1	49	23.62	23.43	23.38	23.5	1	
10	QPSK	25	0	22.55	22.60	22.63			
10	QPSK	25	12	22.51	22.52	22.51			
10	QPSK	25	25	21.60	21.54	21.44			
10	QPSK	50	0	22.53	22.58	22.47	23.5	1	
10	16QAM	1	0	22.95	22.63	22.99			
10	16QAM	1	25	22.94	22.69	22.70			
10	16QAM	1	49	22.99	22.76	22.64			
10	16QAM	25	0	21.52	21.64	21.46	22.5	2	
10	16QAM	25	12	21.43	21.53	21.43			
10	16QAM	25	25	21.60	21.54	21.44			
10	16QAM	50	0	21.56	21.56	21.44			
10	64QAM	1	0	21.75	21.73	21.87	22.5	2	
10	64QAM	1	25	21.85	21.80	21.77			
10	64QAM	1	49	21.71	21.69	21.84			
10	64QAM	25	0	20.53	20.50	20.49			
10	64QAM	25	12	20.58	20.52	20.48	21.5	3	
10	64QAM	25	25	20.51	20.49	20.49			
10	64QAM	50	0	20.53	20.52	20.46			
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5	24.5	0	
5	QPSK	1	0	23.55	23.70	23.57			
5	QPSK	1	12	23.49	23.55	23.49			
5	QPSK	1	24	23.54	23.34	23.28			
5	QPSK	12	0	22.53	22.51	22.50	23.5	1	
5	QPSK	12	7	22.49	22.49	22.37			
5	QPSK	12	13	22.48	22.51	22.31			
5	QPSK	25	0	22.44	22.52	22.42			
5	16QAM	1	0	22.87	22.57	22.90	23.5	1	

Band 66_Ant 1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Turn-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				130072	132022	132572					
				1720	1745	1770					
20	QPSK	1	0	23.40	23.45	23.44	24.5	0			
20	QPSK	1	49	23.34	23.35	23.42					
20	QPSK	1	99	23.12	23.24	23.26					
20	QPSK	50	0	22.36	22.42	22.40	23.5	1			
20	QPSK	50	24	22.30	22.33	22.35					
20	QPSK	50	50	22.26	22.28	22.36					
20	QPSK	100	0	22.32	22.40	22.38	23.5	1			
20	16QAM	1	0	22.59	22.48	22.65					
20	16QAM	1	49	22.64	22.57	22.64					
20	16QAM	1	99	22.42	22.45	22.47	22.5	2			
20	16QAM	50	0	21.28	21.33	21.45					
20	16QAM	50	24	21.29	21.33	21.42					
20	16QAM	50	50	21.25	21.29	21.35	22.5	2			
20	16QAM	100	0	21.23	21.30	21.39					
20	64QAM	1	0	21.40	21.38	21.55					
20	64QAM	1	49	21.40	21.51	21.52	22.5	2			
20	64QAM	1	99	21.31	21.38	21.46					
20	64QAM	50	0	20.30	20.34	20.49					
20	64QAM	50	24	20.32	20.34	20.44	21.5	3			
20	64QAM	50	50	20.27	20.29	20.39					
20	64QAM	100	0	20.25	20.31	20.41					
Channel											
Frequency (MHz)				132047	132022	132597	Turn-up limit (dBm)	MPR (dB)			
				1717.5	1745	1772.5					
15	QPSK	1	0	23.38	23.38	23.30	24.5	0			
15	QPSK	1	37	23.27	23.31	23.31					
15	QPSK	1	74	23.04	23.10	23.15					
15	QPSK	36	0	22.23	22.33	22.26	23.5	1			
15	QPSK	36	20	22.19	22.31	22.33					
15	QPSK	36	39	22.14	22.13	22.23					
15	QPSK	75	0	22.28	22.37	22.23	23.5	1			
15	16QAM	1	0	22.56	22.35	22.53					
15	16QAM	1	37	22.63	22.43	22.58					
15	16QAM	1	74	22.33	22.36	22.46	22.5	2			
15	16QAM	36	0	21.14	21.30	21.44					
15	16QAM	36	20	21.23	21.27	21.33					
15	16QAM	36	39	21.13	21.14	21.23	22.5	2			
15	16QAM	75	0	21.22	21.26	21.38					
15	64QAM	1	0	21.33	21.34	21.52					
15	64QAM	1	37	21.26	21.47	21.38	22.5	2			
15	64QAM	1	74	21.29	21.36	21.33					
15	64QAM	36	0	20.19	20.32	20.43					
15	64QAM	36	20	20.29	20.20	20.38	21.5	3			
15	64QAM	36	39	20.28	20.25	20.34					
15	64QAM	75	0	20.21	20.23	20.33					
Channel											
Frequency (MHz)				132022	132022	132622	Turn-up limit (dBm)	MPR (dB)			
				1715	1745	1775					
10	QPSK	1	0	23.39	23.31	23.37	24.5	0			
10	QPSK	1	25	23.21	23.33	23.29					
10	QPSK	1	49	23.10	23.14	23.16					
10	QPSK	25	0	22.29	22.37	22.27	23.5	1			
10	QPSK	25	12	22.18	22.22	22.23					
10	QPSK	25	25	22.19	22.25	22.31					
10	QPSK	50	0	22.30	22.30	22.34	23.5	1			
10	16QAM	1	0	22.46	22.34	22.51					
10	16QAM	1	25	22.56	22.50	22.63					
10	16QAM	1	49	22.33	22.42	22.40	22.5	2			
10	16QAM	25	0	21.19	21.24	21.36					
10	16QAM	25	12	21.19	21.28	21.37					
10	16QAM	25	25	21.19	21.26	21.35	22.5	2			
10	16QAM	50	0	21.16	21.22	21.25					
10	64QAM	1	0	21.30	21.23	21.52					
10	64QAM	1	25	21.26	21.41	21.43	22.5	2			
10	64QAM	1	49	21.30	21.27	21.43					
10	64QAM	25	0	20.20	20.32	20.37					
10	64QAM	25	12	20.23	20.29	20.34	21.5	3			
10	64QAM	25	25	20.15	20.21	20.25					
10	64QAM	50	0	20.14	20.28	20.37					
Channel											
Frequency (MHz)				131987	132022	132647	Turn-up limit (dBm)	MPR (dB)			
				1712.5	1745	1777.5					
5	QPSK	1	0	23.35	23.39	23.32	24.5	0			
5	QPSK	1	12	23.29	23.27	23.36					
5	QPSK	1	24	23.00	23.12	23.11					
5	QPSK	12	0	22.24	22.33	22.26	23.5	1			
5	QPSK	12	7	22.21	22.31	22.26					
5	QPSK	12	13	22.11	22.18	22.25					
5	QPSK	25	0	22.17	22.32	22.23	23.5	1			
5	16QAM	1	0	22.54	22.35	22.61					
5	16QAM	1	12	22.59	22.44	22.58					
5	16QAM	1	24	22.37	22.42	22.40	22.5	2			
5	16QAM	12	0	21.25	21.29	21.44					
5	16QAM	12	7	21.24	21.19	21.28					
5	16QAM	12	13	21.24	21.21	21.29	22.5	2			
5	16QAM	25	0	21.21	21.27	21.24					
5	64QAM	1	0	21.26	21.34	21.49					
5	64QAM	1	12	21.27	21.36	21.45	22.5	2			
5	64QAM	1	24	21.30	21.27	21.32					
5	64QAM	12	0	20.20	20.25	20.35					
5	64QAM	12	7	20.29	20.27	20.29	21.5	3			
5	64QAM	12	13	20.21	20.28	20.32					
5	64QAM	25	0	20.10	20.21	20.28					
Channel											
Frequency (MHz)				131987	132022	132657	Turn-up limit (dBm)	MPR (dB)			
				1711.5	1745	1778.5					
3	QPSK	1	0	23.27	23.41	23.40	24.5	0			
3	QPSK	1	8	23.32	23.20	23.36					
3	QPSK	1	14	22.99	23.17	23.22					
3	QPSK	8	0	22.31	22.32	22.34	23.5	1			
3	QPSK	8	4	22.18	22.29	22.34					
3	QPSK	8	7	22.24	22.13	22.35					
3	QPSK	15	0	22.20	22.31	22.22	23.5	1			
3	16QAM	1	0	22.48	22.45	22.54					
3	16QAM	1	8	22.49	22.48	22.51					
3	16QAM	1	14	22.40	22.37	22.48	22.5	2			
3	16QAM	8	0	21.22	21.19	21.39					
3	16QAM	8	4	21.14	21.22	21.37					
3	16QAM	8	7	21.15	21.18	21.32	22.5	2			
3	16QAM	15	0	21.14	21.18	21.33					
3	64QAM	1	0	21.32	21.24	21.49	22.5	2			
3	64QAM	1	8	21.26	21.45	21.43					
3	64QAM	1	14	21.16	21.31	21.45					
3	64QAM	8	0	20.30	20.33	20.47	21.5	3			
3	64QAM	8	4	20.24	20.30	20.33					
3	64QAM	8	7	20.24	20.19	20.33					
3	64QAM	15	0	20.18	20.25	20.36					
Channel											
Frequency (MHz)				131979	132022	132665	Turn-up limit (dBm)	MPR (dB)			
				1710.7	1745	1779.3					
1.4	QPSK	1	0	23.33	23.34	23.35	24.5	0			
1.4	QPSK	1	3	23.27	23.33	23.38					
1.4	QPSK	1	5	23.04	23.11	23.19					
1.4	QPSK	3	0	23.37	23.41	23.39	23.5	1			
1.4	QPSK	3	1	23.36	23.30	23.39					
1.4	QPSK	3	3	23.07	23.19	23.27					
1.4	QPSK	6	0	22.21	22.34	22.35	23.5	1			
1.4	16QAM	1	0	22.52	22.45	22.63					
1.4	16QAM	1	3	22.58	22.47	22.58					
1.4	16QAM	1	5	22.30	22.44	22.55	23.5	1			
1.4	16QAM	3	0	22.47	22.41	22.60					
1.4	16QAM	3	1	22.56	22.42	22.56					
1.4	16QAM	3	3	22.36	22.34	22.38	22.5	2			
1.4	16QAM	6	0	21.21	21.18	21.24					
1.4	64QAM	1	0	21.29	21.37	21.42					
1.4	64QAM	1	3	21.25	21.41	21.45	22.5	2			
1.4	64QAM	1	5	21.19	21.29	21.36					
1.4	64QAM	3	0	21.29	21.37	21.53					
1.4	64QAM	3	1	21.36	21.30	21.45	21.5	3			
1.4	64QAM	3	3	21.23	21.37	21.32					
1.4	64QAM	6	0	20.14	20.28	20.31					
Channel											

LTE Band 71_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				133222	133297	133372	24.5	0	
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.38	23.41	23.24	24.5	0	
20	QPSK	1	49	23.21	23.24	23.20			
20	QPSK	1	99	23.16	23.22	23.22			
20	QPSK	50	0	22.35	22.39	22.26			
20	QPSK	50	24	22.29	22.29	22.25	23.5	1	
20	QPSK	50	50	22.53	22.23	22.24			
20	QPSK	100	0	22.31	22.34	22.26			
20	16QAM	1	0	22.53	22.52	22.53			
20	16QAM	1	49	22.48	22.44	22.48	23.5	1	
20	16QAM	1	99	22.49	22.54	22.56			
20	16QAM	50	0	21.35	21.21	21.23			
20	16QAM	50	24	21.27	21.26	21.27			
20	16QAM	50	50	21.34	21.29	21.25	22.5	2	
20	16QAM	100	0	21.35	21.22	21.25			
20	64QAM	1	0	21.42	21.44	21.46			
20	64QAM	1	49	21.34	21.45	21.35			
20	64QAM	1	99	21.40	21.49	21.51	21.5	3	
20	64QAM	50	0	20.34	20.23	20.22			
20	64QAM	50	24	20.28	20.31	20.29			
20	64QAM	50	50	20.35	20.31	20.27			
20	64QAM	100	0	20.36	20.26	20.24	24.5	0	
Channel				133197	133297	133397			
Frequency (MHz)				670.5	680.5	690.5	24.5	0	
15	QPSK	1	0	23.30	23.31	23.08			
15	QPSK	1	37	23.12	23.06	23.10	23.5	1	
15	QPSK	1	74	23.11	22.99	23.13			
15	QPSK	36	0	22.26	22.14	22.04			
15	QPSK	36	20	22.07	22.04	22.06			
15	QPSK	36	39	22.20	22.25	22.15	23.5	1	
15	QPSK	75	0	22.22	22.16	22.06			
15	16QAM	1	0	22.36	22.46	22.44			
15	16QAM	1	37	22.36	22.20	22.24			
15	16QAM	1	74	22.39	22.34	22.45	22.5	2	
15	16QAM	36	0	21.12	20.97	21.14			
15	16QAM	36	20	21.06	21.21	21.21			
15	16QAM	36	39	21.09	21.16	21.24			
15	16QAM	75	0	21.29	21.09	21.05	22.5	2	
15	64QAM	1	0	21.22	21.27	21.22			
15	64QAM	1	37	21.19	21.36	21.24			
15	64QAM	1	74	21.30	21.28	21.44			
15	64QAM	36	0	20.15	20.16	20.00	21.5	3	
15	64QAM	36	20	20.17	20.25	20.24			
15	64QAM	36	39	20.24	20.25	20.10			
15	64QAM	75	0	20.27	20.14	20.08			
Channel				133172	133297	133422	24.5	0	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	0	23.28	23.18	23.17	24.5	0	
10	QPSK	1	25	23.03	23.18	23.07			
10	QPSK	1	49	22.98	23.00	23.08			
10	QPSK	25	0	22.30	22.15	22.16			
10	QPSK	25	12	22.21	22.07	22.06	23.5	1	
10	QPSK	25	25	22.18	21.96	21.89			
10	QPSK	50	0	22.25	22.19	22.09			
10	16QAM	1	0	22.37	22.43	22.41			
10	16QAM	1	25	22.36	22.31	22.26	23.5	1	
10	16QAM	1	49	22.39	22.31	22.46			
10	16QAM	25	0	21.16	21.05	21.03			
10	16QAM	25	12	21.14	21.20	21.19			
10	16QAM	25	25	21.15	21.22	21.10	22.5	2	
10	16QAM	50	0	21.29	21.03	21.06			
10	64QAM	1	0	21.35	21.32	21.34			
10	64QAM	1	25	21.19	21.38	21.12			
10	64QAM	1	49	21.33	21.26	21.43	21.5	3	
10	64QAM	25	0	20.20	20.18	20.11			
10	64QAM	25	12	20.03	20.10	20.21			
10	64QAM	25	25	20.24	20.19	20.08			
10	64QAM	50	0	20.21	20.19	20.06	24.5	0	
Channel				133147	133297	133447			
Frequency (MHz)				665.5	680.5	695.5	24.5	0	
5	QPSK	1	0	23.27	23.35	23.10			
5	QPSK	1	12	23.04	23.09	23.00	23.5	1	
5	QPSK	1	24	23.02	23.09	23.02			
5	QPSK	12	0	22.22	22.30	22.09			
5	QPSK	12	7	22.21	22.20	22.09			
5	QPSK	12	13	22.12	22.11	22.10	23.5	1	
5	QPSK	25	0	22.26	22.12	22.07			
5	16QAM	1	0	22.34	22.33	22.36			
5	16QAM	1	12	22.30	22.36	22.43			
5	16QAM	1	24	22.29	22.36	22.42	22.5	2	
5	16QAM	12	0	21.29	20.98	21.18			
5	16QAM	12	7	21.07	21.18	21.18			
5	16QAM	12	13	21.26	21.16	21.01			
5	16QAM	25	0	21.15	21.05	21.09	22.5	2	
5	64QAM	1	0	21.24	21.20	21.33			
5	64QAM	1	12	21.20	21.30	21.17			
5	64QAM	1	24	21.31	21.29	21.36			
5	64QAM	12	0	20.10	20.17	20.13	21.5	3	
5	64QAM	12	7	20.15	20.18	20.10			
5	64QAM	12	13	20.20	20.06	20.22			
5	64QAM	25	0	20.19	20.18	20.08			

LTE Band 71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				133222	133297	133372	24.5	0	
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.62	23.69	23.55	24.5	0	
20	QPSK	1	49	23.49	23.50	23.50			
20	QPSK	1	99	23.58	23.59	23.47			
20	QPSK	50	0	22.69	22.71	22.67			
20	QPSK	50	24	22.64	22.63	22.53	23.5	1	
20	QPSK	50	50	22.61	22.64	22.55			
20	QPSK	100	0	22.61	22.69	22.53			
20	16QAM	1	0	22.85	22.92	22.84			
20	16QAM	1	49	22.82	22.88	22.74	23.5	1	
20	16QAM	1	99	22.77	22.79	22.69			
20	16QAM	50	0	21.75	21.62	21.52			
20	16QAM	50	24	21.63	21.59	21.58			
20	16QAM	50	50	21.65	21.62	21.54	22.5	2	
20	16QAM	100	0	21.65	21.57	21.52			
20	64QAM	1	0	21.69	21.73	21.73			
20	64QAM	1	49	21.87	21.71	21.66			
20	64QAM	1	99	21.63	21.72	21.62	21.5	3	
20	64QAM	50	0	20.68	20.62	20.51			
20	64QAM	50	24	20.66	20.64	20.63			
20	64QAM	50	50	20.69	20.64	20.58			
20	64QAM	100	0	20.64	20.64	20.55	24.5	0	
Channel				133197	133297	133397			
Frequency (MHz)				670.5	680.5	690.5	24.5	0	
15	QPSK	1	0	23.51	23.45	23.48			
15	QPSK	1	37	23.36	23.33	23.48	23.5	1	
15	QPSK	1	74	23.50	23.51	23.25			
15	QPSK	36	0	22.50	22.54	22.52			
15	QPSK	36	20	22.48	22.45	22.35			
15	QPSK	36	39	22.44	22.54	22.41	23.5	1	
15	QPSK	75	0	22.43	22.50	22.42			

Band 41_Ant 1											
BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch./Freq.	Power Low-Mid Ch./Freq.	Power High-Mid Ch./Freq.	Power High Ch./Freq.	Power Low Ch./Freq.	Power Low-Mid Ch./Freq.	Turn-on time (sec)	APRS (dB)
Channel											
Frequency (MHz)				36750	40165	40600	41005	41400			
				2500	2645.5	2690	2835.5	2880			
20	QPSK	1	5	19.80	19.80	19.80	19.80	19.80	21.5	0	
20	QPSK	1	40	19.80	19.80	19.80	19.80	19.80	21.5	0	
20	QPSK	50	24	19.84	19.74	19.24	19.00	19.20	21.5	0	
20	QPSK	50	30	19.80	19.80	19.20	19.00	19.18	21.5	0	
20	QPSK	50	36	19.80	19.80	19.20	19.00	19.18	21.5	0	
20	QPSK	100	5	19.80	19.80	19.20	19.00	19.18	21.5	0	
20	QPSK	100	24	19.80	19.80	19.20	19.00	19.18	21.5	0	
20	QPSK	100	30	19.80	19.80	19.20	19.00	19.18	21.5	0	
20	QPSK	100	36	19.80	19.80	19.20	19.00	19.18	21.5	0	
20	QPSK	50	5	19.80	19.80	19.20	19.00	19.18	21.5	0	
20	QPSK	50	24	19.74	19.81	19.18	19.00	19.20	21.5	0	
20	QPSK	50	30	19.87	19.01	19.00	19.02	19.17	21.5	0	
20	QPSK	50	36	19.80	19.80	19.20	19.00	19.17	21.5	0	
Channel				36725	40172.5	40600	41007.5	41415	Turn-on time (sec)	APRS (dB)	
Frequency (MHz)				2501.5	2646.25	2690.5	2837.25	2882.5			
10	QPSK	1	5	19.87	19.73	19.20	19.04	19.25	21.5	0	
10	QPSK	1	74	19.80	19.80	19.18	19.00	19.20	21.5	0	
10	QPSK	30	5	19.80	19.80	19.20	19.00	19.18	21.5	0	
10	QPSK	30	24	19.74	19.73	19.20	19.18	19.20	21.5	0	
10	QPSK	30	30	19.74	19.73	19.18	19.04	19.11	21.5	0	
10	QPSK	75	5	19.81	19.81	19.20	19.00	19.18	21.5	0	
10	QPSK	75	30	19.76	19.74	19.18	19.00	19.13	21.5	0	
10	QPSK	75	37	19.81	19.87	19.20	19.00	19.17	21.5	0	
10	QPSK	100	5	19.81	19.84	19.20	19.00	19.17	21.5	0	
10	QPSK	100	24	19.76	19.73	19.18	19.00	19.13	21.5	0	
10	QPSK	100	30	19.80	19.80	19.20	19.00	19.13	21.5	0	
10	QPSK	100	36	19.83	19.87	19.20	19.18	19.27	21.5	0	
10	QPSK	36	5	19.84	19.84	19.04	19.17	19.08	21.5	0	
10	QPSK	36	20	19.79	19.73	19.14	19.04	19.13	21.5	0	
10	QPSK	36	76	19.84	19.80	19.18	19.00	19.13	21.5	0	
10	QPSK	76	5	19.80	19.80	19.18	19.00	19.13	21.5	0	
10	QPSK	76	20	19.80	19.80	19.18	19.00	19.13	21.5	0	
10	QPSK	76	76	19.84	19.80	19.18	19.00	19.13	21.5	0	
10	QPSK	100	5	19.80	19.80	19.18	19.00	19.13	21.5	0	
10	QPSK	100	20	19.80	19.80	19.18	19.00	19.13	21.5	0	
10	QPSK	100	76	19.84	19.80	19.18	19.00	19.13	21.5	0	
Channel				36700.5	40165	40600	41005	41400	Turn-on time (sec)	APRS (dB)	
Frequency (MHz)				2501	2647	2690.5	2837	2880			
10	QPSK	1	5	19.77	19.76	19.20	19.04	19.25	21.5	0	
10	QPSK	1	40	19.73	19.85	19.07	19.00	19.10	21.5	0	
10	QPSK	50	24	19.80	19.80	19.20	19.00	19.18	21.5	0	
10	QPSK	50	30	19.80	19.80	19.20	19.00	19.18	21.5	0	
10	QPSK	50	36	19.81	19.68	19.20	19.00	19.20	21.5	0	
10	QPSK	100	5	19.83	19.72	19.24	19.04	19.21	21.5	0	
10	QPSK	100	24	19.80	19.80	19.20	19.00	19.18	21.5	0	
10	QPSK	100	30	19.80	19.80	19.20	19.00	19.18	21.5	0	
10	QPSK	100	36	19.80	19.80	19.20	19.00	19.18	21.5	0	
10	QPSK	50	5	19.80	19.80	19.20	19.00	19.18	21.5	0	
10	QPSK	50	24	19.80	19.80	19.20	19.00	19.18	21.5	0	
10	QPSK	50	30	19.80	19.80	19.20	19.00	19.18	21.5	0	
10	QPSK	50	36	19.80	19.80	19.20	19.00	19.18	21.5	0	
10	QPSK	100	5	19.73	19.84	19.05	19.04	19.20	21.5	0	
10	QPSK	100	24	19.71	19.68	19.00	19.00	19.14	21.5	0	
10	QPSK	100	30	19.71	19.68	19.00	19.00	19.14	21.5	0	
10	QPSK	100	36	19.73	19.68	19.00	19.00	19.14	21.5	0	
10	QPSK	100	74	19.80	19.81	19.07	19.10	19.20	21.5	0	
10	QPSK	36	5	19.82	19.84	19.05	19.04	19.20	21.5	0	
10	QPSK	36	20	19.80	19.81	19.07	19.10	19.20	21.5	0	
10	QPSK	36	76	19.80	19.81	19.07	19.10	19.20	21.5	0	
10	QPSK	76	5	19.80	19.81	19.07	19.10	19.20	21.5	0	
10	QPSK	76	20	19.80	19.81	19.07	19.10	19.20	21.5	0	
10	QPSK	76	76	19.80	19.81	19.07	19.10	19.20	21.5	0	
10	QPSK	100	5	19.80	19.81	19.07	19.10	19.20	21.5	0	
10	QPSK	100	20	19.80	19.81	19.07	19.10	19.20	21.5	0	
10	QPSK	100	76	19.80	19.81	19.07	19.10	19.20	21.5	0	
Channel				36675	40147.5	40600	41002.5	41400	Turn-on time (sec)	APRS (dB)	
Frequency (MHz)				2495.5	2645.5	2690	2840.25	2887.5			
5	QPSK	1	5	19.77	19.76	19.20	19.04	19.14	21.5	0	
5	QPSK	1	12	19.77	19.76	19.20	19.04	19.14	21.5	0	
5	QPSK	1	24	19.83	19.80	19.00	19.00	19.00	21.5	0	
5	QPSK	12	5	19.74	19.80	19.00	19.00	19.00	21.5	0	
5	QPSK	12	10	19.72	19.68	19.00	19.00	19.00	21.5	0	
5	QPSK	12	13	19.84	19.79	19.21	19.00	19.00	21.5	0	
5	QPSK	25	5	19.80	19.80	19.20	19.00	19.18	21.5	0	
5	QPSK	25	10	19.80	19.80	19.20	19.00	19.18	21.5	0	
5	QPSK	25	12	19.80	19.80	19.20	19.00	19.18	21.5	0	
5	QPSK	50	5	19.82	19.88	19.20	19.00	19.18	21.5	0	
5	QPSK	50	12	19.80	19.80	19.20	19.00	19.18	21.5	0	
5	QPSK	50	24	19.80	19.80	19.20	19.00	19.18	21.5	0	
5	QPSK	50	30	19.80	19.80	19.20	19.00	19.18	21.5	0	
5	QPSK	50	36	19.78	19.83	19.20	19.00	19.18	21.5	0	
5	QPSK	100	5	19.80	19.81	19.01	19.10	19.20	21.5	0	
5	QPSK	100	12	19.81	19.80	19.01	19.10	19.20	21.5	0	
5	QPSK	100	24	19.80	19.80	19.01	19.10	19.20	21.5	0	
5	QPSK	100	30	19.80	19.80	19.01	19.10	19.20	21.5	0	
5	QPSK	100	36	19.80	19.80	19.01	19.10	19.20	21.5	0	
5	QPSK	100	76	19.80	19.80	19.01	19.10	19.20	21.5	0	
5	QPSK	12	13	19.09	19.09	19.03	19.04	19.05	21.5	0	
5	QPSK	12	13	19.81	19.79	19.03	19.04	19.05	21.5	0	

Part 96_Band 48_Ant 1										Part 96_Band 48_Ant 3										Part 96_Band 48_Ant 5										Part 96_Band 48_Ant 7									
BW (MHz)	Modulation	FS (Hz)	FS Offset	Power Low Ch / Freq	Power Low-Mid Ch / Freq	Power High-Mid Ch / Freq	Power High Ch / Freq	Turn-on time (sec)	MFR (dB)	BW (MHz)	Modulation	FS (Hz)	FS Offset	Power Low Ch / Freq	Power Low-Mid Ch / Freq	Power High-Mid Ch / Freq	Power High Ch / Freq	Turn-on time (sec)	MFR (dB)	BW (MHz)	Modulation	FS (Hz)	FS Offset	Power Low Ch / Freq	Power Low-Mid Ch / Freq	Power High-Mid Ch / Freq	Power High Ch / Freq	Turn-on time (sec)	MFR (dB)	BW (MHz)	Modulation	FS (Hz)	FS Offset	Power Low Ch / Freq	Power Low-Mid Ch / Freq	Power High-Mid Ch / Freq	Power High Ch / Freq	Turn-on time (sec)	MFR (dB)
Channel										Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
36	QPSK	1	0	17.08	16.94	16.80	17.02			36	QPSK	1	0	22.28	22.43	22.57	22.43			36	QPSK	1	0	22.48	22.48	22.57	22.47			36	QPSK	1	0	23.88	23.87	23.75	23.88		
20	QPSK	1	48	16.88	16.79	16.82	16.82	17.5	0	20	QPSK	1	48	22.49	22.39	22.50	22.52	23	0	20	QPSK	1	48	22.41	22.43	22.42	22.29	23.9	0	20	QPSK	1	48	23.75	23.47	23.75	23.80	24.5	0
20	QPSK	1	80	16.80	16.80	16.80	16.80			20	QPSK	1	80	22.51	22.38	22.62	22.52			20	QPSK	1	80	22.51	22.38	22.62	22.52			20	QPSK	1	80	23.77	23.47	23.75	23.80		
20	QPSK	50	0	17.04	16.92	16.80	16.90			20	QPSK	50	0	21.57	21.42	21.72	21.42			20	QPSK	50	0	21.47	21.43	21.70	21.46			20	QPSK	50	0	22.85	22.84	22.75	22.82		
20	QPSK	50	24	16.91	16.78	16.80	16.80	17.5	0	20	QPSK	50	24	21.54	21.27	21.41	21.37	22	1	20	QPSK	50	24	21.34	21.38	21.32	21.29	23.5	1	20	QPSK	50	24	22.77	22.68	22.61	22.68		
20	QPSK	100	0	16.80	16.80	16.80	16.80			20	QPSK	100	0	21.48	21.37	21.42	21.42			20	QPSK	100	0	21.48	21.48	21.41	21.41			20	QPSK	100	0	22.82	22.58	22.59	22.62		
20	QPSK	100	24	16.90	16.80	16.80	16.80	17.5	0	20	QPSK	100	24	21.53	21.32	21.47	21.39	22	1	20	QPSK	100	24	21.43	21.48	21.44	21.47	23.5	1	20	QPSK	100	24	22.74	22.57	22.58	22.62		
20	QPSK	150	0	16.80	16.80	16.80	16.80			20	QPSK	150	0	20.54	20.32	20.44	20.36			20	QPSK	150	0	20.54	20.32	20.44	20.36			20	QPSK	150	0	21.79	21.56	21.57	21.59		
20	QPSK	150	24	16.80	16.74	16.80	16.78	17.5	0	20	QPSK	150	24	20.84	20.32	20.44	20.36	21	2	20	QPSK	150	24	20.20	20.24	20.35	20.48			20	QPSK	150	24	21.79	21.56	21.57	21.59	22.5	2
20	QPSK	200	0	16.80	16.80	16.80	16.80			20	QPSK	200	0	20.56	20.38	20.53	20.43			20	QPSK	200	0	20.56	20.38	20.53	20.43			20	QPSK	200	0	21.79	21.56	21.57	21.59		
20	QPSK	200	24	16.80	16.78	16.78	16.78	17.5	0	20	QPSK	200	24	20.84	20.32	20.52	20.50	21	2	20	QPSK	200	24	20.20	20.24	20.35	20.48			20	QPSK	200	24	21.79	21.56	21.57	21.59	22.5	2
20	QPSK	250	0	16.80	16.80	16.80	16.80			20	QPSK	250	0	20.54	20.27	20.40	20.30			20	QPSK	250	0	20.54	20.27	20.40	20.30			20	QPSK	250	0	21.79	21.56	21.57	21.59		
20	QPSK	250	24	16.80	16.80	16.80	16.80	17.5	0	20	QPSK	250	24	20.84	20.32	20.52	20.51	21	2	20	QPSK	250	24	20.20	20.24	20.35	20.48			20	QPSK	250	24	21.79	21.56	21.57	21.59	22.5	2
20	QPSK	300	0	16.80	16.80	16.80	16.80			20	QPSK	300	0	20.56	20.38	20.53	20.43			20	QPSK	300	0	20.56	20.38	20.53	20.43			20	QPSK	300	0	21.79	21.56	21.57	21.59		
20	QPSK	300	24	16.80	16.80	16.80	16.80	17.5	0	20	QPSK	300	24	20.84	20.32	20.52	20.50	21	2	20	QPSK	300	24	20.20	20.24	20.35	20.48			20	QPSK	300	24	21.79	21.56	21.57	21.59	22.5	2
20	QPSK	350	0	16.80	16.80	16.80	16.80			20	QPSK	350	0	20.54	20.27	20.40	20.30			20	QPSK	350	0	20.54	20.27	20.40	20.30			20	QPSK	350	0	21.79	21.56	21.57	21.59		
20	QPSK	350	24	16.80	16.80	16.80	16.80	17.5	0	20	QPSK	350	24	20.84	20.32	20.52	20.51	21	2	20	QPSK	350	24	20.20	20.24	20.35	20.48			20	QPSK	350	24	21.79	21.56	21.57	21.59	22.5	2
20	QPSK	400	0	16.80	16.80	16.80	16.80			20	QPSK	400	0	20.56	20.38	20.53	20.43			20	QPSK	400	0	20.56	20.38	20.53	20.43			20	QPSK	400	0	21.79	21.56	21.57	21.59		
20	QPSK	400	24	16.80	16.80	16.80	16.80	17.5	0	20	QPSK	400	24	20.84	20.32	20.52	20.50	21	2	20	QPSK	400	24	20.20	20.24	20.35	20.48			20	QPSK	400	24	21.79	21.56	21.57	21.59	22.5	2
20	QPSK	450	0	16.80	16.80	16.80	16.80			20	QPSK	450	0	20.54	20.27	20.40	20.30			20	QPSK	450	0	20.54	20.27	20.40	20.30			20	QPSK	450	0	21.79	21.56	21.57	21.59		
20	QPSK	450	24	16.80	16.80	16.80	16.80	17.5	0	20	QPSK	450	24	20.84	20.32	20.52	20.50	21	2	20	QPSK	450	24	20.20	20.24	20.35	20.48			20	QPSK	450	24	21.79	21.56	21.57	21.59	22.5	2
20	QPSK	500	0	16.80	16.80	16.80	16.80			20	QPSK	500	0	20.56	20.38	20.53	20.43			20	QPSK	500	0	20.56	20.38	20.53	20.43			20	QPSK	500	0	21.79	21.56	21.57	21.59		
20	QPSK	500	24	16.80	16.80	16.80	16.80	17.5	0	20	QPSK	500	24	20.84	20.32	20.52	20.50	21	2	20	QPSK	500	24	20.20	20.24	20.35	20.48			20	QPSK	500	24	21.79	21.56	21.57	21.59	22.5	2
20	QPSK	550	0	16.80	16.80	16.80	16.80			20	QPSK	550	0	20.54	20.27	20.40	20.30			20	QPSK	550	0	20.54	20.27	20.40	20.30			20	QPSK	550	0	21.79	21.56	21.57	21.59		
20	QPSK	550	24	16.80	16.80	16.80	16.80	17.5	0	20	QPSK	550	24	20.84	20.32	20.52	20.50	21	2	20	QPSK	550	24	20.20	20.24	20.35	20.48			20	QPSK	550	24	21.79	21.56	21.57	21.59	22.5	2
20	QPSK	600	0	16.80	16.80	16.80	16.80			20	QPSK	600	0	20.56	20.38	20.53	20.43			20	QPSK	600	0	20.56	20.38	20.53	20.43			20	QPSK	600	0	21.79	21.56	21.57	21.59		
20	QPSK	600	24	16.80	16.80	16.80	16.80	17.5	0	20	QPSK	600	24	20.84	20.32	20.52	20.50	21	2	20	QPSK	600	24	20.20	20.24	20.35	20.48			20	QPSK	600	24	21.79	21.56	21.57	21.59	22.5	2
20	QPSK	650	0	16.80	16.80	16.80	16.80			20	QPSK	650	0	20.54	20.27	20.40	20.30			20	QPSK	650	0	20.54	20.27	20.40	20.30			20	QPSK	650	0	21.79	21.56	21.57	21.59		
20	QPSK	650	24	16.80	16.80	16.80	16.80	17.5	0	20	QPSK	650	24	20.84	20.32	20.52	20.50	21	2	20	QPSK	650	24	20.20	20.24	20.35	20.48			20	QPSK	650	24	21.79	21.56	21.57	21.59	22.5	2
20	QPSK	700	0	16.80	16.80	16.80	16.80			20	QPSK	700	0	20.56	20.38	20.53	20.43			20	QPSK	700	0	20.56	20.38	20.53	20.43			20	QPSK	700	0	21.79	21.56	21.57	21.59		
20	QPSK	700	24	16.80	16.80	16.80	16.80	17.5	0	20	QPSK	700	24	20.84	20.32	20.52	20.50	21	2	20	QPSK	700	24	20.20	20.24	20.35	20.48			20	QPSK	700	24	21.79	21.56	21.57	21.59	22.5	2
20	QPSK	750	0	16.80	16.80	16.80	16.80			20	QPSK	750	0	20.54	20.27	20.40	20.30			20	QPSK	750	0	20.54	20.27	20.40	20.30			20	QPSK	750	0	21.79	21.56	21.57	21.59		
20	QPSK	750	24	16.80	16.80	16.80	16.80	17.5	0	20	QPSK	750	24	20.84	20.32	20.52	20.50	21	2	20	QPSK	750	24	20.20	20.24	20.35	20.48			20	QPSK	750	24	21.79	21.56	21.57	21.59	22.5	

Reduced Power Mode for ECI 17

Band 2_Ant 1													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Time-up limit (dBm)	MPR (dB)					
Channel													
Frequency (MHz)				18700	18800	19100							
20	QPSK	1	0	23.41	23.43	23.38	24.5	0					
20	QPSK	1	48	23.38	23.40	23.37							
20	QPSK	1	96	23.29	23.32	23.31							
20	QPSK	50	0	22.37	22.40	22.36							
20	QPSK	50	24	22.32	22.35	22.34	23.5	1					
20	QPSK	50	50	22.34	22.37	22.34							
20	QPSK	100	0	22.35	22.37	22.35							
20	16QAM	1	0	22.71	22.57	22.63							
20	16QAM	1	48	22.70	22.57	22.64	23.5	1					
20	16QAM	1	96	22.59	22.52	22.51							
20	16QAM	50	0	21.39	21.35	21.37							
20	16QAM	50	24	21.36	21.39	21.33							
20	16QAM	50	50	21.33	21.36	21.32	22.5	2					
20	16QAM	100	0	21.34	21.35	21.33							
20	64QAM	1	0	21.64	21.49	21.52							
20	64QAM	1	48	21.60	21.59	21.51							
20	64QAM	1	96	21.44	21.48	21.49	22.5	2					
20	64QAM	50	0	20.40	20.37	20.40							
20	64QAM	50	24	20.39	20.41	20.36							
20	64QAM	50	50	20.35	20.37	20.33							
20	64QAM	100	0	20.37	20.36	20.34	21.5	3					
Channel													
Frequency (MHz)				18675	18800	19025	Time-up limit (dBm)				MPR (dB)		
15	QPSK	1	0	23.28	23.26	23.23	24.5				0		
15	QPSK	1	37	23.41	23.33	23.25							
15	QPSK	1	74	23.22	23.17	23.17							
15	QPSK	36	0	22.33	22.29	22.35							
15	QPSK	36	20	22.24	22.19	22.22	23.5	1					
15	QPSK	36	39	22.30	22.24	22.23							
15	QPSK	75	0	22.34	22.32	22.23							
15	16QAM	1	0	22.42	22.58	22.50							
15	16QAM	1	37	22.52	22.62	22.56	23.5	1					
15	16QAM	1	74	22.46	22.58	22.59							
15	16QAM	36	0	21.29	21.27	21.29							
15	16QAM	36	20	21.33	21.23	21.23							
15	16QAM	36	39	21.24	21.29	21.21	22.5	2					
15	16QAM	75	0	21.29	21.22	21.21							
15	64QAM	1	0	21.45	21.53	21.41							
15	64QAM	1	37	21.49	21.59	21.38							
15	64QAM	1	74	21.33	21.37	21.39	22.5	2					
15	64QAM	36	0	20.35	20.30	20.26							
15	64QAM	36	20	20.28	20.32	20.21							
15	64QAM	36	39	20.31	20.22	20.24							
15	64QAM	75	0	20.27	20.31	20.24	21.5	3					
Channel													
Frequency (MHz)				18650	18900	19150	Time-up limit (dBm)				MPR (dB)		
10	QPSK	1	0	23.29	23.33	23.19	24.5				0		
10	QPSK	1	25	23.36	23.33	23.35							
10	QPSK	1	49	23.22	23.22	23.17							
10	QPSK	25	0	22.36	22.23	22.25							
10	QPSK	25	12	22.29	22.17	22.19	23.5	1					
10	QPSK	25	25	22.29	22.30	22.28							
10	QPSK	50	0	22.27	22.24	22.28							
10	16QAM	1	0	22.54	22.57	22.51							
10	16QAM	1	25	22.53	22.66	22.51	23.5	1					
10	16QAM	1	49	22.48	22.45	22.38							
10	16QAM	25	0	21.25	21.25	21.25							
10	16QAM	25	12	21.35	21.31	21.22							
10	16QAM	25	25	21.32	21.32	21.18	22.5	2					
10	16QAM	50	0	21.22	21.26	21.24							
10	64QAM	1	0	21.44	21.58	21.37							
10	64QAM	1	25	21.49	21.45	21.47							
10	64QAM	1	49	21.43	21.43	21.48	22.5	2					
10	64QAM	25	0	20.27	20.29	20.33							
10	64QAM	25	12	20.26	20.34	20.21							
10	64QAM	25	25	20.25	20.20	20.23							
10	64QAM	50	0	20.28	20.26	20.20	21.5	3					
Channel													
Frequency (MHz)				18625	18900	19175	Time-up limit (dBm)				MPR (dB)		
5	QPSK	1	0	23.23	23.33	23.27	24.5				0		
5	QPSK	1	12	23.42	23.39	23.22							
5	QPSK	1	24	23.38	23.21	23.30							
5	QPSK	12	0	22.39	22.25	22.21							
5	QPSK	12	7	22.25	22.19	22.25	23.5	1					
5	QPSK	12	13	22.26	22.22	22.23							
5	QPSK	25	0	22.30	22.33	22.33							
5	16QAM	1	0	22.47	22.62	22.61							
5	16QAM	1	12	22.44	22.56	22.50	23.5	1					
5	16QAM	1	24	22.47	22.53	22.47							
5	16QAM	12	0	21.34	21.31	21.30							
5	16QAM	12	7	21.33	21.34	21.19							
5	16QAM	12	13	21.26	21.19	21.19	22.5	2					
5	16QAM	25	0	21.28	21.32	21.22							
5	64QAM	1	0	21.44	21.50	21.39							
5	64QAM	1	12	21.54	21.47	21.44							
5	64QAM	1	24	21.35	21.34	21.42	22.5	2					
5	64QAM	12	0	20.33	20.27	20.25							
5	64QAM	12	7	20.40	20.29	20.23							
5	64QAM	12	13	20.30	20.29	20.30							
5	64QAM	25	0	20.32	20.27	20.21	21.5	3					
Channel													
Frequency (MHz)				18615	18900	19185	Time-up limit (dBm)				MPR (dB)		
3	QPSK	1	0	23.35	23.30	23.25	24.5				0		
3	QPSK	1	8	23.29	23.37	23.28							
3	QPSK	1	14	23.27	23.14	23.19							
3	QPSK	8	0	22.28	22.29	22.34							
3	QPSK	8	4	22.27	22.21	22.28	23.5	1					
3	QPSK	8	7	22.26	22.22	22.26							
3	QPSK	15	0	22.22	22.22	22.22							
3	16QAM	1	0	22.51	22.62	22.49							
3	16QAM	1	8	22.49	22.64	22.61	23.5	1					
3	16QAM	1	14	22.45	22.58	22.50							
3	16QAM	8	0	21.25	21.33	21.34							
3	16QAM	8	4	21.32	21.33	21.22							
3	16QAM	8	7	21.32	21.20	21.20	22.5	2					
3	16QAM	15	0	21.30	21.21	21.22							
3	64QAM	1	0	21.38	21.57	21.45	22.5	2					
3	64QAM	1	8	21.50	21.47	21.48							
3	64QAM	1	14	21.42	21.42	21.38							
3	64QAM	8	0	20.31	20.31	20.36							
3	64QAM	8	4	20.31	20.30	20.28	21.5	3					
3	64QAM	8	7	20.36	20.25	20.18							
3	64QAM	15	0	20.28	20.33	20.33							
3	64QAM	15	0	20.28	20.33	20.33							
Channel													
Frequency (MHz)				18607	18800	19193	Time-up limit (dBm)	MPR (dB)					
1.4	QPSK	1	0	23.36	23.32	23.28	24.5	0					
1.4	QPSK	1	3	23.29	23.36	23.28							
1.4	QPSK	1	5	23.19	23.16	23.18							
1.4	QPSK	3	0	22.26	22.39	22.36							
1.4	QPSK	3	1	22.28	22.29	22.34	23.5	1					
1.4	QPSK	3	3	22.18	22.20	22.20							
1.4	QPSK	6	0	22.22	22.28	22.25							
1.4	16QAM	1	0	22.46	22.70	22.64							
1.4	16QAM	1	3	22.43	22.65	22.59	23.5	1					
1.4	16QAM	1	5	22.39	22.68	22.58							
1.4	16QAM	3	0	22.52	22.62	22.62							
1.4	16QAM	3	1	22.51	22.61	22.61							
1.4	16QAM	3	3	22.47	22.58	22.48	22.5	2					
1.4	16QAM	6	0	21.23	21.30	21.19							
1.4	64QAM	1	3	21.39	21.59	21.38							
1.4	64QAM	1	3	21.55	21.53	21.44							
1.4	64QAM	1	5	21.47	21.52	21.47	22.5	2					
1.4	64QAM	3	0	21.47	21.39	21.37							
1.4	64QAM	3	1	21.56	21.45	21.44							
1.4	64QAM	3	3	21.46	21.32	20.30							
1.4	64QAM	6	0	20.35	20.31	20.39	21.5	3					

Band 4_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Turn-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)				20050	1732.5	20300				
				1720	1732.5	1745				
20	QPSK	1	0	23.25	23.30	23.27	24.5	0		
20	QPSK	1	49	23.22	23.26	23.20				
20	QPSK	1	99	23.11	23.15	23.22				
20	QPSK	50	0	22.29	22.31	22.27	23.5	1		
20	QPSK	50	24	22.27	22.22	22.25				
20	QPSK	50	50	22.21	22.19	22.28				
20	QPSK	100	0	22.24	22.28	22.26	23.5	1		
20	16QAM	1	0	22.52	22.53	22.49				
20	16QAM	1	49	22.53	22.51	22.50				
20	16QAM	1	99	22.44	22.38	22.48	22.5	2		
20	16QAM	50	0	21.23	21.20	21.21				
20	16QAM	50	24	21.26	21.19	21.26				
20	16QAM	50	50	21.21	21.18	21.24	22.5	2		
20	16QAM	100	0	21.22	21.18	21.24				
20	64QAM	1	0	21.34	21.45	21.41				
20	64QAM	1	49	21.42	21.43	21.46	21.5	3		
20	64QAM	1	99	21.27	21.25	21.42				
20	64QAM	50	0	20.24	20.22	20.21				
20	64QAM	50	24	20.27	20.21	20.27	21.5	3		
20	64QAM	50	50	20.21	20.16	20.27				
20	64QAM	100	0	20.23	20.19	20.25				
Channel										
Frequency (MHz)				20025	20175	20325	Turn-up limit (dBm)	MPR (dB)		
				1717.5	1732.5	1747.5				
15	QPSK	1	0	23.15	23.16	23.22	24.5	0		
15	QPSK	1	37	23.09	23.16	23.13				
15	QPSK	1	74	23.10	23.03	23.12				
15	QPSK	36	0	22.22	22.17	22.17	23.5	1		
15	QPSK	36	20	22.12	22.19	22.24				
15	QPSK	36	39	22.11	22.06	22.15				
15	QPSK	75	0	22.09	22.21	22.25	23.5	1		
15	16QAM	1	0	22.49	22.41	22.34				
15	16QAM	1	37	22.39	22.49	22.40				
15	16QAM	1	74	22.40	22.30	22.42	22.5	2		
15	16QAM	36	0	21.12	21.05	21.15				
15	16QAM	36	20	21.16	21.05	21.19				
15	16QAM	36	39	21.09	21.13	21.13	22.5	2		
15	16QAM	75	0	21.13	21.10	21.20				
15	64QAM	1	0	21.27	21.39	21.28				
15	64QAM	1	37	21.30	21.38	21.37	21.5	3		
15	64QAM	1	74	21.13	21.21	21.33				
15	64QAM	36	0	20.17	20.18	20.07				
15	64QAM	36	20	20.26	20.20	20.26	21.5	3		
15	64QAM	36	39	20.11	20.05	20.21				
15	64QAM	75	0	20.20	20.08	20.20				
Channel										
Frequency (MHz)				20000	20175	20300	Turn-up limit (dBm)	MPR (dB)		
				1715	1732.5	1750				
10	QPSK	1	0	23.14	23.18	23.18	24.5	0		
10	QPSK	1	25	23.07	23.12	23.19				
10	QPSK	1	49	23.06	23.07	23.19				
10	QPSK	25	0	22.16	22.21	22.21	23.5	1		
10	QPSK	25	12	22.14	22.11	22.10				
10	QPSK	25	25	22.14	22.14	22.18				
10	QPSK	50	0	22.18	22.14	22.14	23.5	1		
10	16QAM	1	0	22.39	22.43	22.38				
10	16QAM	1	25	22.51	22.47	22.42				
10	16QAM	1	49	22.37	22.34	22.47	22.5	2		
10	16QAM	25	0	21.16	21.09	21.07				
10	16QAM	25	12	21.15	21.09	21.17				
10	16QAM	25	25	21.07	21.13	21.25	22.5	2		
10	16QAM	50	0	21.17	21.14	21.20				
10	64QAM	1	0	21.25	21.33	21.30				
10	64QAM	1	25	21.38	21.36	21.40	21.5	3		
10	64QAM	1	49	21.17	21.13	21.29				
10	64QAM	25	0	20.13	20.08	20.06				
10	64QAM	25	12	20.23	20.07	20.25	21.5	3		
10	64QAM	25	25	20.12	20.07	20.21				
10	64QAM	50	0	20.15	20.05	20.19				
Channel										
Frequency (MHz)				19975	20175	20375	Turn-up limit (dBm)	MPR (dB)		
				1712.5	1732.5	1752.5				
5	QPSK	1	0	23.18	23.18	23.24	24.5	0		
5	QPSK	1	12	23.09	23.18	23.07				
5	QPSK	1	24	23.06	23.00	23.10				
5	QPSK	12	0	22.14	22.24	22.15	23.5	1		
5	QPSK	12	7	22.30	22.16	22.14				
5	QPSK	12	13	22.18	22.15	22.21				
5	QPSK	25	0	22.23	22.28	22.14	23.5	1		
5	16QAM	1	0	22.40	22.41	22.35				
5	16QAM	1	12	22.50	22.37	22.34				
5	16QAM	1	24	22.33	22.35	22.45	22.5	2		
5	16QAM	12	0	21.17	21.06	21.16				
5	16QAM	12	7	21.17	21.07	21.21				
5	16QAM	12	13	21.16	21.07	21.25	22.5	2		
5	16QAM	25	0	21.13	21.05	21.09				
5	64QAM	1	0	21.20	21.39	21.40				
5	64QAM	1	12	21.31	21.36	21.45	22.5	2		
5	64QAM	1	24	21.25	21.11	21.33				
5	64QAM	12	0	20.14	20.20	20.14				
5	64QAM	12	7	20.16	20.11	20.14	21.5	3		
5	64QAM	12	13	20.13	20.16	20.25				
5	64QAM	25	0	20.11	20.11	20.23				
Channel										
Frequency (MHz)				19965	20175	20385	Turn-up limit (dBm)	MPR (dB)		
				1711.5	1732.5	1753.5				
3	QPSK	1	0	23.14	23.15	23.20	24.5	0		
3	QPSK	1	8	23.15	23.21	23.11				
3	QPSK	1	14	22.87	23.07	23.16				
3	QPSK	8	0	22.18	22.20	22.12	23.5	1		
3	QPSK	8	4	22.25	22.18	22.12				
3	QPSK	8	7	22.19	22.18	22.12				
3	QPSK	15	0	22.09	22.27	22.24	23.5	1		
3	16QAM	1	0	22.45	22.40	22.45				
3	16QAM	1	8	22.45	22.47	22.40				
3	16QAM	1	14	22.33	22.22	22.48	22.5	2		
3	16QAM	8	0	21.21	21.08	21.10				
3	16QAM	8	4	21.22	21.10	21.15				
3	16QAM	8	7	21.07	21.09	21.15	22.5	2		
3	16QAM	15	0	21.08	21.06	21.12				
3	64QAM	1	0	21.30	21.43	21.29				
3	64QAM	1	8	21.36	21.29	21.40	22.5	2		
3	64QAM	1	14	21.13	21.12	21.38				
3	64QAM	8	0	20.16	20.15	20.13				
3	64QAM	8	4	20.12	20.13	20.13	21.5	3		
3	64QAM	8	7	20.07	20.04	20.18				
3	64QAM	15	0	20.08	20.08	20.10				
Channel										
Frequency (MHz)				19957	20175	20393	Turn-up limit (dBm)	MPR (dB)		
				1710.7	1732.5	1754.3				
1.4	QPSK	1	0	23.15	23.22	23.17	24.5	0		
1.4	QPSK	1	3	23.20	23.23	23.16				
1.4	QPSK	1	5	22.98	23.12	23.18				
1.4	QPSK	3	0	23.14	23.25	23.25	23.5	1		
1.4	QPSK	3	1	23.07	23.23	23.19				
1.4	QPSK	3	3	23.01	23.08	23.21				
1.4	QPSK	6	0	22.12	22.26	22.12	23.5	1		
1.4	16QAM	1	0	22.40	22.38	22.36				
1.4	16QAM	1	3	22.48	22.39	22.38				
1.4	16QAM	1	5	22.40	22.35	22.45	23.5	1		
1.4	16QAM	3	0	22.38	22.39	22.46				
1.4	16QAM	3	1	22.37	22.32	22.47				
1.4	16QAM	3	3	22.43	22.30	22.46	22.5	2		
1.4	64QAM	1	0	21.33	21.38	21.36				
1.4	64QAM	1	3	21.29	21.37	21.41				
1.4	64QAM	1	5	21.16	21.13	21.38	22.5	2		
1.4	64QAM	3	0	21.22	21.43	21.26				
1.4	64QAM	3	1	21.45	21.40	21.38				
1.4	64QAM	3	3	21.21	21.17	21.35	21.5	3		
1.4	64QAM	6	0	20.16	20.11	20.22				

Band 5_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)			
Channel				20450	20525	20600					
Frequency (MHz)				829	836.5	844					
10	QPSK	1	0	23.75	23.87	23.86	25	0			
10	QPSK	1	25	23.66	23.74	23.53					
10	QPSK	1	49	23.70	23.82	23.74					
10	QPSK	25	0	22.84	22.77	22.74					
10	QPSK	25	12	22.83	22.87	22.72	24	1			
10	QPSK	25	25	22.83	22.89	22.70					
10	QPSK	50	0	22.87	22.75	22.73					
10	16QAM	1	0	22.74	22.93	22.97					
10	16QAM	1	25	22.74	22.74	23.02	24	1			
10	16QAM	1	49	22.71	23.00	22.97					
10	16QAM	25	0	21.66	21.83	21.74					
10	16QAM	25	12	21.60	21.71	21.69					
10	16QAM	25	25	21.60	21.78	21.71	23	2			
10	16QAM	50	0	21.62	21.73	21.71					
10	64QAM	1	0	21.93	22.06	21.96					
10	64QAM	1	25	21.85	21.77	21.95					
10	64QAM	1	49	21.84	21.98	21.81	23	2			
10	64QAM	25	0	20.60	20.73	20.66					
10	64QAM	25	12	20.52	20.62	20.69					
10	64QAM	25	25	20.66	20.68	20.81					
10	64QAM	50	0	20.63	20.68	20.74	22	3			
Channel				20425	20525	20625				Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5					
5	QPSK	1	0	23.75	23.85	23.83	25	0			
5	QPSK	1	12	23.54	23.73	23.39					
5	QPSK	1	24	23.65	23.77	23.62					
5	QPSK	12	0	22.80	22.72	22.81					
5	QPSK	12	7	22.51	22.56	22.71	24	1			
5	QPSK	12	13	22.55	22.62	22.62					
5	QPSK	25	0	22.56	22.62	22.68					
5	16QAM	1	0	22.67	22.80	22.91					
5	16QAM	1	12	22.61	22.62	22.83	24	1			
5	16QAM	1	24	22.67	22.80	22.86					
5	16QAM	12	0	21.85	21.54	21.72					
5	16QAM	12	7	21.56	21.64	21.65					
5	16QAM	12	13	21.57	21.73	21.70	23	2			
5	16QAM	25	0	21.81	21.68	21.58					
5	64QAM	1	0	21.89	22.01	21.87					
5	64QAM	1	12	21.75	21.69	21.94					
5	64QAM	1	24	21.72	21.93	21.76	23	2			
5	64QAM	12	0	20.48	20.67	20.60					
5	64QAM	12	7	20.46	20.50	20.58					
5	64QAM	12	13	20.57	20.55	20.72					
5	64QAM	25	0	20.68	20.62	20.74	22	3			
Channel				20415	20525	20635				Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5					
3	QPSK	1	0	23.74	23.81	23.76	25	0			
3	QPSK	1	8	23.52	23.66	23.39					
3	QPSK	1	14	23.61	23.69	23.70					
3	QPSK	8	0	22.57	22.76	22.71					
3	QPSK	8	4	22.62	22.59	22.69	24	1			
3	QPSK	8	7	22.60	22.61	22.89					
3	QPSK	15	0	22.59	22.73	22.64					
3	16QAM	1	0	22.62	22.89	22.88					
3	16QAM	1	8	22.72	22.68	22.87	24	1			
3	16QAM	1	14	22.68	22.86	22.91					
3	16QAM	8	0	21.85	21.57	21.83					
3	16QAM	8	4	21.48	21.63	21.63					
3	16QAM	8	7	21.59	21.64	21.64	23	2			
3	16QAM	8	7	21.59	21.64	21.64					
3	16QAM	15	0	21.53	21.61	21.56					
3	64QAM	1	0	21.80	21.95	21.95					
3	64QAM	1	8	21.78	21.69	21.88	23	2			
3	64QAM	1	14	21.70	21.85	21.70					
3	64QAM	8	0	20.49	20.66	20.51					
3	64QAM	8	4	20.42	20.48	20.57					
3	64QAM	8	7	20.63	20.65	20.73	22	3			
3	64QAM	8	7	20.63	20.65	20.73					
3	64QAM	15	0	20.68	20.59	20.65					
Channel				20407	20525	20643				Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3					
1.4	QPSK	1	0	23.69	23.72	23.84	25	0			
1.4	QPSK	1	3	23.51	23.71	23.45					
1.4	QPSK	1	5	23.57	23.77	23.65					
1.4	QPSK	3	0	23.71	23.80	23.85					
1.4	QPSK	3	1	23.63	23.68	23.45	24	1			
1.4	QPSK	3	3	23.69	23.70	23.73					
1.4	QPSK	6	0	22.58	22.61	22.65					
1.4	16QAM	1	0	22.73	22.91	22.88					
1.4	16QAM	1	3	22.64	22.59	23.00	24	1			
1.4	16QAM	1	5	22.86	22.86	22.84					
1.4	16QAM	3	0	22.73	22.86	22.87					
1.4	16QAM	3	1	22.84	22.71	23.01					
1.4	16QAM	3	3	22.59	22.88	22.86	23	2			
1.4	16QAM	6	0	21.57	21.64	21.67					
1.4	64QAM	1	0	21.92	21.93	21.87					
1.4	64QAM	1	3	21.82	21.73	21.92					
1.4	64QAM	1	5	21.80	21.92	21.88	23	2			
1.4	64QAM	3	0	21.49	21.75	21.69					
1.4	64QAM	3	1	21.53	21.69	21.70					
1.4	64QAM	3	3	21.98	21.99	21.97					
1.4	64QAM	6	0	20.60	20.59	20.77	22	3			

Band 5_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.63	23.66	23.64	25	0	
10	QPSK	1	25	23.49	23.44	23.50			
10	QPSK	1	49	23.47	23.61	23.57			
10	QPSK	25	0	22.59	22.63	22.55			
10	QPSK	25	12	22.54	22.49	22.50	24	1	
10	QPSK	25	25	22.55	22.56	22.47			
10	QPSK	50	0	22.58	22.60	22.52			
10	16QAM	1	0	22.85	23.05	22.80			
10	16QAM	1	25	22.71	22.81	23.01	24	1	
10	16QAM	1	49	22.88	22.87	22.93			
10	16QAM	25	0	21.57	21.47	21.60			
10	16QAM	25	12	21.62	21.42	21.64			
10	16QAM	25	25	21.61	21.48	21.62	23	2	
10	16QAM	50	0	21.61	21.46	21.61			
10	64QAM	1	0	21.75	21.87	21.80			
10	64QAM	1	25	21.76	21.60	21.66			
10	64QAM	1	49	21.62	21.68	21.94	23	2	
10	64QAM	25	0	20.50	20.53	20.61			
10	64QAM	25	12	20.49	20.46	20.48			
10	64QAM	25	25	20.52	20.58	20.52			
10	64QAM	50	0	20.51	20.51	20.61	22	3	
Channel				20450	20525	20600			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.51	23.64	23.58	25	0	
5	QPSK	1	12	23.41	23.42	23.42			
5	QPSK	1	24	23.32	23.59	23.52			
5	QPSK	12	0	22.48	22.58	22.40			
5	QPSK	12	7	22.52	22.46	22.45	24	1	
5	QPSK	12	13	22.40	22.54	22.33			
5	QPSK	25	0	22.54	22.57	22.48			
5	16QAM	1	0	22.64	23.03	22.86	24	1	
5	16QAM	1	12	22.58	22.71	22.90			
5	16QAM	1	24	22.80	22.84	22.92			
5	16QAM	12	0	21.49	21.48	21.53	23	2	
5	16QAM	12	7	21.58	21.30	21.53			
5	16QAM	12	13	21.53	21.41	21.61			
5	16QAM	25	0	21.58	21.39	21.48	23	2	
5	64QAM	1	0	21.63	21.85	21.75			
5	64QAM	1	12	21.61	21.82	21.64			
5	64QAM	1	24	21.48	21.59	21.85	22	3	
5	64QAM	12	0	20.40	20.40	20.48			
5	64QAM	12	7	20.34	20.36	20.36			
5	64QAM	12	13	20.40	20.56	20.41	22	3	
5	64QAM	25	0	20.42	20.50	20.55			
Channel				20415	20525	20635			
Frequency (MHz)				826.5	836.5	847.5			
3	QPSK	1	0	23.54	23.64	23.61	25	0	
3	QPSK	1	8	23.35	23.41	23.40			
3	QPSK	1	14	23.44	23.53	23.48			
3	QPSK	8	0	22.53	22.61	22.42			
3	QPSK	8	4	22.43	22.44	22.40	24	1	
3	QPSK	8	7	22.41	22.52	22.40			
3	QPSK	15	0	22.54	22.56	22.44			
3	16QAM	1	0	22.80	22.93	22.73	24	1	
3	16QAM	1	8	22.70	22.78	22.69			
3	16QAM	1	14	22.77	22.83	22.83			
3	16QAM	8	0	21.53	21.37	21.46	23	2	
3	16QAM	8	4	21.57	21.38	21.53			
3	16QAM	8	7	21.53	21.37	21.56			
3	16QAM	15	0	21.59	21.31	21.47	23	2	
3	64QAM	1	0	21.63	21.78	21.79			
3	64QAM	1	8	21.65	21.53	21.55			
3	64QAM	1	14	21.55	21.61	21.88	22	3	
3	64QAM	8	0	20.46	20.46	20.80			
3	64QAM	8	4	20.36	20.44	20.36			
3	64QAM	8	7	20.49	20.47	20.40	22	3	
3	64QAM	15	0	20.43	20.42	20.48			
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.57	23.66	23.57	25	0	
1.4	QPSK	1	3	23.46	23.42	23.40			
1.4	QPSK	1	5	23.37	23.51	23.43			
1.4	QPSK	3	0	23.54	23.60	23.54			
1.4	QPSK	3	1	23.45	23.39	23.49	24	1	
1.4	QPSK	3	3	23.46	23.54	23.45			
1.4	QPSK	6	0	22.43	22.47	22.39			
1.4	16QAM	1	0	22.78	22.99	22.87	24	1	
1.4	16QAM	1	3	22.60	22.69	22.69			
1.4	16QAM	1	5	22.67	22.79	22.87			
1.4	16QAM	3	0	22.80	23.02	22.79	23	2	
1.4	16QAM	3	1	22.96	22.79	22.90			
1.4	16QAM	3	3	22.74	22.72	22.98			
1.4	16QAM	6	0	21.50	21.37	21.58	23	2	
1.4	64QAM	1	0	21.71	21.77	21.67			
1.4	64QAM	1	3	21.62	21.53	21.83			
1.4	64QAM	1	5	21.67	21.67	21.83	23	2	
1.4	64QAM	3	0	21.61	21.85	21.88			
1.4	64QAM	3	1	21.63	21.59	21.57			
1.4	64QAM	3	3	21.60	21.51	21.81	22	3	
1.4	64QAM	6	0	20.45	20.42	20.91			
1.4	64QAM	6	1	20.45	20.42	20.91			

Band 7_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	22.02	22.10	22.01	23.5	0		
20	QPSK	1	49	21.90	22.07	21.98				
20	QPSK	1	99	21.97	21.95	21.90				
20	QPSK	50	0	21.92	21.96	21.94				
20	QPSK	50	24	21.87	21.88	21.90	23.5	0		
20	QPSK	50	50	21.80	21.90	21.85				
20	QPSK	100	0	21.90	21.99	21.91				
20	16QAM	1	0	21.90	22.07	21.98				
20	16QAM	1	49	21.84	22.01	21.95	23.5	0		
20	16QAM	1	99	21.88	21.82	21.80				
20	16QAM	50	0	20.86	20.93	20.79				
20	16QAM	50	24	20.80	20.94	20.81				
20	16QAM	50	50	20.87	20.95	20.87	22.5	1		
20	16QAM	100	0	20.84	20.85	20.84				
20	64QAM	1	0	21.06	21.06	20.92				
20	64QAM	1	49	21.04	21.05	21.06				
20	64QAM	1	99	21.01	20.91	21.07	22.5	1		
20	64QAM	50	0	19.83	19.83	19.85				
20	64QAM	50	24	19.86	19.80	19.82				
20	64QAM	50	50	19.79	19.76	19.87				
20	64QAM	100	0	19.89	19.87	19.81	21.5	2		
Channel				20825	21100	21375				
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	21.93	22.08	21.96	23.5	0		
15	QPSK	1	37	21.77	21.89	21.87				
15	QPSK	1	74	21.96	21.82	21.80				
15	QPSK	36	0	21.83	21.84	21.85				
15	QPSK	36	20	21.76	21.86	21.75	23.5	0		
15	QPSK	36	39	21.67	21.87	21.72				
15	QPSK	75	0	21.88	21.89	21.88				
15	16QAM	1	0	21.83	22.06	21.81				
15	16QAM	1	37	21.91	21.97	21.95	23.5	0		
15	16QAM	1	74	21.91	21.88	21.90				
15	16QAM	36	0	20.72	20.79	20.69				
15	16QAM	36	20	20.66	20.82	20.79				
15	16QAM	36	39	20.81	20.92	20.73	22.5	1		
15	16QAM	75	0	20.70	20.75	20.72				
15	64QAM	1	0	20.97	20.93	20.84				
15	64QAM	1	37	21.01	20.94	21.05				
15	64QAM	1	74	20.95	20.76	20.98	22.5	1		
15	64QAM	36	0	19.82	19.70	19.83				
15	64QAM	36	20	19.85	19.71	19.77				
15	64QAM	36	39	19.69	19.67	19.77				
15	64QAM	75	0	19.78	19.74	19.67	21.5	2		
Channel				20800	21100	21400				
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	0	21.97	22.09	21.98	23.5	0		
10	QPSK	1	25	21.82	22.02	21.88				
10	QPSK	1	49	21.86	21.84	21.81				
10	QPSK	25	0	21.84	21.86	21.92				
10	QPSK	25	12	21.72	21.80	21.82	23.5	0		
10	QPSK	25	25	21.72	21.82	21.73				
10	QPSK	50	0	21.88	21.90	21.81				
10	16QAM	1	0	21.93	22.06	21.71				
10	16QAM	1	25	21.94	22.03	21.84	23.5	0		
10	16QAM	1	49	21.95	21.89	21.92				
10	16QAM	25	0	20.78	20.91	20.66				
10	16QAM	25	12	20.71	20.92	20.68				
10	16QAM	25	25	20.84	20.83	20.75	22.5	1		
10	16QAM	50	0	20.69	20.72	20.77				
10	64QAM	1	0	20.96	20.91	20.84				
10	64QAM	1	25	21.03	20.92	21.00				
10	64QAM	1	49	20.96	20.83	20.94	22.5	1		
10	64QAM	25	0	19.73	19.73	19.76				
10	64QAM	25	12	19.83	19.72	19.71				
10	64QAM	25	25	19.72	19.67	19.80				
10	64QAM	50	0	19.82	19.81	19.76	21.5	2		
Channel				20775	21100	21425				
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	21.92	22.00	21.97	23.5	0		
5	QPSK	1	12	21.77	21.94	21.83				
5	QPSK	1	24	21.95	21.80	21.81				
5	QPSK	12	0	21.91	21.92	21.87				
5	QPSK	12	7	21.81	21.81	21.77	23.5	0		
5	QPSK	12	13	21.72	21.89	21.81				
5	QPSK	25	0	21.82	21.86	21.78				
5	16QAM	1	0	21.88	22.01	21.73				
5	16QAM	1	12	21.94	21.94	21.90	23.5	0		
5	16QAM	1	24	21.89	21.84	21.89				
5	16QAM	12	0	20.81	20.84	20.88				
5	16QAM	12	7	20.70	20.83	20.75				
5	16QAM	12	13	20.78	20.88	20.80	22.5	1		
5	16QAM	25	0	20.71	20.84	20.70				
5	64QAM	1	0	20.94	20.91	20.80				
5	64QAM	1	12	21.01	21.01	21.01				
5	64QAM	1	24	20.94	20.80	21.00	22.5	1		
5	64QAM	12	0	19.70	19.69	19.83				
5	64QAM	12	7	19.79	19.75	19.81				
5	64QAM	12	13	19.74	19.66	19.84				
5	64QAM	25	0	19.85	19.81	19.76	21.5	2		

Band 7_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Ch. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	20.17	20.20	20.10	21	0		
20	QPSK	1	49	20.02	20.16	20.02				
20	QPSK	1	99	20.13	20.05	20.00				
20	QPSK	50	0	20.13	20.18	20.09				
20	QPSK	50	24	20.03	20.06	19.96	21	0		
20	QPSK	50	50	20.10	20.14	19.95				
20	QPSK	100	0	20.12	20.16	20.07				
20	16QAM	1	0	20.15	20.09	20.02				
20	16QAM	1	49	19.90	20.09	19.89	21	0		
20	16QAM	1	99	20.10	19.94	19.88				
20	16QAM	50	0	20.02	20.06	20.04				
20	16QAM	50	24	19.98	20.05	19.84				
20	16QAM	50	50	20.06	20.07	19.89	21	0		
20	16QAM	100	0	20.10	20.05	20.03				
20	64QAM	1	0	20.12	20.05	20.03				
20	64QAM	1	49	19.95	20.14	19.93				
20	64QAM	1	99	20.07	19.91	19.89	21	0		
20	64QAM	50	0	20.11	20.08	20.07				
20	64QAM	50	24	19.89	19.94	19.82				
20	64QAM	50	50	20.01	20.06	19.88				
20	64QAM	100	0	20.03	20.09	19.99			Turn-up limit (dBm)	MPR (dB)
Channel				20825	21100	21375				
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	20.00	20.11	19.95	21	0		
15	QPSK	1	37	20.00	20.08	19.98				
15	QPSK	1	74	20.03	19.91	19.89				
15	QPSK	36	0	20.04	20.14	19.98				
15	QPSK	36	20	19.92	19.91	19.81	21	0		
15	QPSK	36	39	20.00	20.11	19.86				
15	QPSK	75	0	20.07	20.12	20.04				
15	16QAM	1	0	20.01	19.96	19.81				
15	16QAM	1	37	19.85	19.96	19.75	21	0		
15	16QAM	1	74	20.00	19.80	19.72				
15	16QAM	36	0	19.96	19.95	19.98				
15	16QAM	36	20	19.92	19.94	19.77				
15	16QAM	36	39	20.04	20.04	19.78	21	0		
15	16QAM	75	0	20.06	19.91	19.93				
15	64QAM	1	0	20.06	19.96	19.86				
15	64QAM	1	37	19.90	20.08	19.90				
15	64QAM	1	74	19.92	19.89	19.76	21	0		
15	64QAM	36	0	19.97	19.97	20.05				
15	64QAM	36	20	19.79	19.93	19.91				
15	64QAM	36	39	19.96	19.94	19.79				
15	64QAM	75	0	20.00	19.99	19.98			Turn-up limit (dBm)	MPR (dB)
Channel				20800	21100	21400				
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	20.06	20.07	20.03	21	0		
10	QPSK	1	25	19.89	20.03	19.92				
10	QPSK	1	49	20.10	19.92	19.92				
10	QPSK	25	0	20.07	20.14	20.03				
10	QPSK	25	12	19.99	20.02	19.90	21	0		
10	QPSK	25	25	20.06	20.10	19.84				
10	QPSK	50	0	20.05	20.01	20.00				
10	16QAM	1	0	20.07	20.00	19.97				
10	16QAM	1	25	19.89	19.92	19.83	21	0		
10	16QAM	1	49	20.09	19.92	19.82				
10	16QAM	25	0	19.90	19.95	19.94				
10	16QAM	25	12	19.85	19.92	19.73				
10	16QAM	25	25	19.94	20.02	19.77	21	0		
10	16QAM	50	0	20.07	19.95	19.99				
10	64QAM	1	0	20.09	19.96	19.88				
10	64QAM	1	25	19.84	20.12	19.91				
10	64QAM	1	49	19.98	19.86	19.77	21	0		
10	64QAM	25	0	19.96	20.01	19.98				
10	64QAM	25	12	19.79	19.86	19.78				
10	64QAM	25	25	19.92	19.98	19.85				
10	64QAM	50	0	19.99	19.95	19.98			Turn-up limit (dBm)	MPR (dB)
Channel				20775	21100	21425				
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	20.06	20.09	20.09	21	0		
5	QPSK	1	12	19.88	20.06	19.90				
5	QPSK	1	24	19.97	19.96	19.86				
5	QPSK	12	0	20.00	20.08	19.97				
5	QPSK	12	7	20.02	19.93	19.91	21	0		
5	QPSK	12	13	20.07	20.00	19.89				
5	QPSK	25	0	20.08	20.02	20.03				
5	16QAM	1	0	20.13	19.99	19.97				
5	16QAM	1	12	19.81	19.95	19.83	21	0		
5	16QAM	1	24	19.96	19.90	19.81				
5	16QAM	12	0	19.91	19.91	19.81				
5	16QAM	12	7	19.84	19.95	19.79				
5	16QAM	12	13	19.97	20.05	19.84	21	0		
5	16QAM	25	0	20.09	20.02	19.92				
5	64QAM	1	0	20.06	20.04	19.99				
5	64QAM	1	12	19.80	20.08	19.85				
5	64QAM	1	24	20.05	19.85	19.86	21	0		
5	64QAM	12	0	20.03	19.91	19.84				
5	64QAM	12	7	19.74	19.81	19.83				
5	64QAM	12	13	19.99	19.91	19.79				
5	64QAM	25	0	19.90	19.85	19.85			Turn-up limit (dBm)	MPR (dB)

Band 12_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130				
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	23.43	23.50	23.45	24.5	0		
10	QPSK	1	25	23.22	23.39	23.29				
10	QPSK	1	49	23.41	23.47	23.32				
10	QPSK	25	0	22.26	22.30	22.25				
10	QPSK	25	12	22.21	22.20	22.22	23.5	1		
10	QPSK	25	25	22.24	22.28	22.22				
10	QPSK	50	0	22.23	22.27	22.24				
10	16QAM	1	0	22.52	22.37	22.80				
10	16QAM	1	25	22.42	22.32	22.35	23.5	1		
10	16QAM	1	49	22.66	22.55	22.61				
10	16QAM	25	0	21.24	21.18	21.20				
10	16QAM	25	12	21.14	21.26	21.18				
10	16QAM	25	25	21.18	21.36	21.25	22.5	2		
10	16QAM	50	0	21.17	21.34	21.23				
10	64QAM	1	0	21.25	21.36	21.22				
10	64QAM	1	25	21.53	21.35	21.40				
10	64QAM	1	49	21.50	21.39	21.35	22.5	2		
10	64QAM	25	0	20.19	20.28	20.21				
10	64QAM	25	12	20.25	20.21	20.31				
10	64QAM	25	25	20.27	20.37	20.23				
10	64QAM	50	0	20.29	20.25	20.23				
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				701.5	707.5	713.5				
5	QPSK	1	0	23.38	23.37	23.38	24.5	0		
5	QPSK	1	12	23.08	23.28	23.15				
5	QPSK	1	24	23.31	23.38	23.19				
5	QPSK	12	0	22.26	22.28	22.21				
5	QPSK	12	7	22.07	22.19	22.07	23.5	1		
5	QPSK	12	13	22.12	22.23	22.16				
5	QPSK	25	0	22.17	22.24	22.16				
5	16QAM	1	0	22.37	22.28	22.66				
5	16QAM	1	12	22.37	22.17	22.33	23.5	1		
5	16QAM	1	24	22.59	22.45	22.69				
5	16QAM	12	0	21.14	21.04	21.11				
5	16QAM	12	7	21.02	21.14	21.14				
5	16QAM	12	13	21.09	21.25	21.13	22.5	2		
5	16QAM	25	0	21.06	21.19	21.18				
5	64QAM	1	0	21.13	21.29	21.08				
5	64QAM	1	12	21.38	21.31	21.25				
5	64QAM	1	24	21.47	21.29	21.34	22.5	2		
5	64QAM	12	0	20.11	20.23	20.19				
5	64QAM	12	7	20.19	20.13	20.27				
5	64QAM	12	13	20.20	20.26	20.16				
5	64QAM	25	0	20.20	20.22	20.08				
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				700.5	707.5	714.5				
3	QPSK	1	0	23.40	23.49	23.35	24.5	0		
3	QPSK	1	8	23.16	23.31	23.21				
3	QPSK	1	14	23.36	23.45	23.21				
3	QPSK	8	0	22.19	22.25	22.19				
3	QPSK	8	4	22.06	22.09	22.11	23.5	1		
3	QPSK	8	7	22.14	22.22	22.16				
3	QPSK	15	0	22.09	22.19	22.20				
3	16QAM	1	0	22.51	22.30	22.59				
3	16QAM	1	8	22.35	22.25	22.28	23.5	1		
3	16QAM	1	14	22.53	22.46	22.54				
3	16QAM	8	0	21.14	21.09	21.06				
3	16QAM	8	4	21.09	21.14	21.16				
3	16QAM	8	7	21.03	21.30	21.11	22.5	2		
3	16QAM	15	0	21.12	21.14	21.22				
3	64QAM	1	0	21.21	21.35	21.09				
3	64QAM	1	8	21.46	21.22	21.39				
3	64QAM	1	14	21.38	21.34	21.29	21.5	3		
3	64QAM	8	0	20.11	20.18	20.17				
3	64QAM	8	4	20.16	20.10	20.27				
3	64QAM	8	7	20.19	20.35	20.20				
3	64QAM	15	0	20.16	20.17	20.22				
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	23.32	23.45	23.37	24.5	0		
1.4	QPSK	1	3	23.16	23.26	23.17				
1.4	QPSK	1	5	23.38	23.40	23.21				
1.4	QPSK	3	0	23.39	23.42	23.42				
1.4	QPSK	3	1	23.20	23.28	23.17	23.5	1		
1.4	QPSK	3	3	23.36	23.40	23.09				
1.4	QPSK	6	0	22.20	22.18	22.20				
1.4	16QAM	1	0	22.45	22.28	22.55				
1.4	16QAM	1	3	22.30	22.26	22.30	23.5	1		
1.4	16QAM	1	5	22.58	22.51	22.46				
1.4	16QAM	3	0	22.48	22.25	22.48				
1.4	16QAM	3	1	22.33	22.28	22.26				
1.4	16QAM	3	3	22.62	22.48	22.46	22.5	2		
1.4	16QAM	6	0	21.11	21.11	21.10				
1.4	64QAM	1	0	21.19	21.27	21.19				
1.4	64QAM	1	3	21.42	21.21	21.29				
1.4	64QAM	1	5	21.43	21.30	21.25	22.5	2		
1.4	64QAM	3	0	21.13	21.32	21.14				
1.4	64QAM	3	1	21.38	21.20	21.27				
1.4	64QAM	3	3	21.36	21.36	21.24				
1.4	64QAM	6	0	20.22	20.22	20.19	21.5	3		

Band 12_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.66	23.72	23.69	24.5	0	
10	QPSK	1	25	23.60	23.64	23.54			
10	QPSK	1	49	23.62	23.43	23.38			
10	QPSK	25	0	22.55	22.60	22.53			
10	QPSK	25	12	22.51	22.52	22.51	23.5	1	
10	QPSK	25	25	22.53	22.56	22.45			
10	QPSK	50	0	22.53	22.58	22.47			
10	16QAM	1	0	22.95	22.63	22.99			
10	16QAM	1	25	22.94	22.69	22.70	23.5	1	
10	16QAM	1	49	22.99	22.76	22.64			
10	16QAM	25	0	21.52	21.64	21.46			
10	16QAM	25	12	21.43	21.53	21.43			
10	16QAM	25	25	21.60	21.54	21.44	22.5	2	
10	16QAM	50	0	21.56	21.56	21.44			
10	64QAM	1	0	21.75	21.73	21.87			
10	64QAM	1	25	21.85	21.80	21.77			
10	64QAM	1	49	21.71	21.69	21.54	22.5	2	
10	64QAM	25	0	20.53	20.50	20.49			
10	64QAM	25	12	20.58	20.52	20.48			
10	64QAM	25	25	20.51	20.49	20.49			
10	64QAM	50	0	20.53	20.52	20.46			
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.57	23.70	23.57	24.5	0	
5	QPSK	1	12	23.49	23.55	23.49			
5	QPSK	1	24	23.54	23.34	23.28			
5	QPSK	12	0	22.53	22.51	22.50			
5	QPSK	12	7	22.49	22.49	22.37	23.5	1	
5	QPSK	12	13	22.48	22.51	22.31			
5	QPSK	25	0	22.44	22.52	22.42			
5	16QAM	1	0	22.67	22.57	22.90			
5	16QAM	1	12	22.67	22.61	22.67	23.5	1	
5	16QAM	1	24	22.95	22.68	22.92			
5	16QAM	12	0	21.46	21.59	21.41			
5	16QAM	12	7	21.40	21.50	21.30			
5	16QAM	12	13	21.54	21.43	21.29	22.5	2	
5	16QAM	25	0	21.44	21.42	21.37			
5	64QAM	1	0	21.71	21.71	21.81			
5	64QAM	1	12	21.68	21.74	21.74			
5	64QAM	1	24	21.66	21.65	21.71	22.5	2	
5	64QAM	12	0	20.39	20.36	20.40			
5	64QAM	12	7	20.55	20.46	20.35			
5	64QAM	12	13	20.48	20.39	20.48			
5	64QAM	25	0	20.44	20.39	20.42			
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	23.58	23.63	23.68	24.5	0	
3	QPSK	1	8	23.53	23.59	23.44			
3	QPSK	1	14	23.56	23.35	23.37			
3	QPSK	8	0	22.43	22.59	22.48			
3	QPSK	8	4	22.46	22.42	22.45	23.5	1	
3	QPSK	8	7	22.49	22.55	22.43			
3	QPSK	15	0	22.48	22.49	22.40			
3	16QAM	1	0	22.91	22.97	22.96			
3	16QAM	1	8	22.91	22.65	22.68	23.5	1	
3	16QAM	1	14	22.93	22.66	22.55			
3	16QAM	8	0	21.47	21.53	21.43			
3	16QAM	8	4	21.42	21.46	21.30			
3	16QAM	8	7	21.55	21.41	21.41	22.5	2	
3	16QAM	15	0	21.49	21.50	21.39			
3	64QAM	1	0	21.64	21.67	21.81			
3	64QAM	1	8	21.81	21.83	21.74			
3	64QAM	1	14	21.68	21.66	21.83	22.5	2	
3	64QAM	8	0	20.52	20.46	20.43			
3	64QAM	8	4	20.48	20.48	20.34			
3	64QAM	8	7	20.43	20.41	20.43			
3	64QAM	15	0	20.40	20.49	20.35			
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.56	23.60	23.67	24.5	0	
1.4	QPSK	1	3	23.57	23.60	23.40			
1.4	QPSK	1	5	23.51	23.41	23.25			
1.4	QPSK	3	0	23.65	23.66	23.67			
1.4	QPSK	3	1	23.61	23.62	23.48	23.5	1	
1.4	QPSK	3	3	23.57	23.42	23.27			
1.4	QPSK	6	0	22.39	22.47	22.43			
1.4	16QAM	1	0	22.93	22.51	22.68			
1.4	16QAM	1	3	22.80	22.55	22.81	23.5	1	
1.4	16QAM	1	5	22.87	22.64	22.50			
1.4	16QAM	3	0	22.89	22.48	22.93			
1.4	16QAM	3	1	22.93	22.59	22.85			
1.4	16QAM	3	3	22.85	22.82	22.59	22.5	2	
1.4	16QAM	6	0	21.52	21.51	21.37			
1.4	64QAM	1	0	21.70	21.69	21.79			
1.4	64QAM	1	3	21.74	21.82	21.67			
1.4	64QAM	1	5	21.59	21.56	21.82	22.5	2	
1.4	64QAM	3	0	21.76	21.63	21.79			
1.4	64QAM	3	1	21.63	21.61	21.72			
1.4	64QAM	3	3	21.63	21.54	21.73			
1.4	64QAM	6	0	20.52	20.45	20.46	21.5	3	

Band 66_Ant 1														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Time-up limit (dBm)	MPR (dB)						
Channel														
Frequency (MHz)				173027	173232	173572								
20	QPSK	1	0	23.40	23.45	23.44	24.5	0						
20	QPSK	1	48	23.34	23.35	23.42								
20	QPSK	1	96	23.12	23.24	23.26								
20	QPSK	50	0	22.36	22.42	22.40								
20	QPSK	50	24	22.30	22.33	22.35	23.5	1						
20	QPSK	50	50	22.26	22.28	22.36								
20	QPSK	100	0	22.32	22.40	22.36								
20	16QAM	1	0	22.59	22.48	22.65								
20	16QAM	1	48	22.84	22.57	22.84	23.5	1						
20	16QAM	1	96	22.42	22.45	22.47								
20	16QAM	50	0	21.28	21.33	21.45								
20	16QAM	50	24	21.29	21.33	21.42								
20	16QAM	50	50	21.25	21.29	21.35	22.5	2						
20	16QAM	100	0	21.23	21.30	21.39								
20	64QAM	1	0	21.40	21.38	21.55								
20	64QAM	1	49	21.40	21.51	21.52								
20	64QAM	1	99	21.31	21.38	21.46	22.5	2						
20	64QAM	50	0	20.30	20.34	20.49								
20	64QAM	50	24	20.32	20.34	20.44								
20	64QAM	50	50	20.27	20.29	20.38								
20	64QAM	100	0	20.25	20.31	20.41	21.5	3						
Channel														
Frequency (MHz)														
15	QPSK	1	0	23.3947	23.3232	23.5957	Time-up limit (dBm)	MPR (dB)						
Frequency (MHz)				1717.5	1745	1772.5								
15	QPSK	1	0	23.38	23.38	23.30	24.5	0						
15	QPSK	1	37	23.27	23.31	23.31								
15	QPSK	1	74	23.04	23.10	23.15								
15	QPSK	36	0	22.23	22.33	22.26								
15	QPSK	36	20	22.19	22.31	22.33	23.5	1						
15	QPSK	36	39	22.14	22.31	22.23								
15	QPSK	75	0	22.28	22.37	22.23								
15	16QAM	1	0	22.56	22.35	22.53								
15	16QAM	1	37	22.63	22.43	22.58	23.5	1						
15	16QAM	1	74	22.33	22.36	22.46								
15	16QAM	36	0	21.14	21.30	21.44								
15	16QAM	36	20	21.23	21.27	21.33								
15	16QAM	36	39	21.13	21.14	21.26	22.5	2						
15	16QAM	75	0	21.22	21.26	21.38								
15	64QAM	1	0	21.33	21.34	21.52								
15	64QAM	1	37	21.26	21.47	21.58								
15	64QAM	1	74	21.29	21.36	21.33	22.5	2						
15	64QAM	36	0	20.19	20.32	20.43								
15	64QAM	36	20	20.29	20.20	20.38								
15	64QAM	36	39	20.26	20.25	20.24								
15	64QAM	75	0	20.21	20.23	20.33	21.5	3						
Channel														
Frequency (MHz)														
10	QPSK	1	0	23.39	23.31	23.37	Time-up limit (dBm)	MPR (dB)						
Frequency (MHz)				1715	1745	1772.5								
10	QPSK	1	0	23.39	23.31	23.37	24.5	0						
10	QPSK	1	25	23.21	23.33	23.29								
10	QPSK	1	49	23.10	23.14	23.16								
10	QPSK	25	0	22.29	22.37	22.27								
10	QPSK	25	12	22.18	22.22	22.23	23.5	1						
10	QPSK	25	25	22.19	22.25	22.31								
10	QPSK	50	0	22.20	22.30	22.34								
10	16QAM	1	0	22.46	22.34	22.51								
10	16QAM	1	25	22.56	22.50	22.63	23.5	1						
10	16QAM	1	49	22.33	22.42	22.40								
10	16QAM	25	0	21.19	21.24	21.36								
10	16QAM	25	12	21.19	21.28	21.37								
10	16QAM	25	25	21.19	21.26	21.33	22.5	2						
10	16QAM	50	0	21.16	21.22	21.25								
10	64QAM	1	0	21.30	21.23	21.52								
10	64QAM	1	25	21.26	21.41	21.43								
10	64QAM	1	49	21.30	21.27	21.43	22.5	2						
10	64QAM	25	0	20.20	20.32	20.37								
10	64QAM	25	12	20.23	20.29	20.34								
10	64QAM	25	25	20.15	20.21	20.25								
10	64QAM	50	0	20.14	20.28	20.37	21.5	3						
Channel														
Frequency (MHz)														
5	QPSK	1	0	23.197	23.322	23.647	Time-up limit (dBm)	MPR (dB)						
Frequency (MHz)				1715.5	1745	1777.5								
5	QPSK	1	0	23.35	23.39	23.32	24.5	0						
5	QPSK	1	12	23.29	23.27	23.36								
5	QPSK	1	24	23.30	23.12	23.11								
5	QPSK	12	0	22.24	22.33	22.26								
5	QPSK	12	7	22.21	22.31	22.26	23.5	1						
5	QPSK	12	13	22.11	22.18	22.25								
5	QPSK	25	0	22.17	22.32	22.23								
5	16QAM	1	0	22.54	22.35	22.61								
5	16QAM	1	12	22.59	22.44	22.58	23.5	1						
5	16QAM	1	24	22.37	22.42	22.40								
5	16QAM	12	0	21.25	21.29	21.44								
5	16QAM	12	7	21.24	21.19	21.28								
5	16QAM	12	13	21.24	21.21	21.29	22.5	2						
5	16QAM	25	0	21.21	21.27	21.24								
5	64QAM	1	0	21.26	21.34	21.49								
5	64QAM	1	12	21.27	21.36	21.45								
5	64QAM	1	24	21.26	21.27	21.32	22.5	2						
5	64QAM	12	0	20.20	20.25	20.35								
5	64QAM	12	7	20.29	20.27	20.29								
5	64QAM	12	13	20.21	20.28	20.32								
5	64QAM	25	0	20.10	20.21	20.28	21.5	3						
Channel														
Frequency (MHz)														
3	QPSK	1	0	23.158	23.322	23.665	Time-up limit (dBm)	MPR (dB)						
Frequency (MHz)				1711.5	1745	1785.5								
3	QPSK	1	0	23.27	23.41	23.40	24.5	0						
3	QPSK	1	8	23.32	23.20	23.36								
3	QPSK	1	14	22.89	23.17	23.22								
3	QPSK	8	0	22.31	22.32	22.34								
3	QPSK	8	4	22.16	22.29	22.34	23.5	1						
3	QPSK	8	7	22.24	22.13	22.35								
3	QPSK	15	0	22.20	22.31	22.22								
3	16QAM	1	0	22.48	22.45	22.54								
3	16QAM	1	8	22.49	22.48	22.51	23.5	1						
3	16QAM	1	14	22.40	22.37	22.48								
3	16QAM	8	0	21.22	21.19	21.39								
3	16QAM	8	4	21.14	21.22	21.37								
3	16QAM	8	7	21.15	21.18	21.32	22.5	2						
3	16QAM	15	0	21.14	21.18	21.33								
3	64QAM	1	0	21.32	21.24	21.49								
3	64QAM	1	8	21.26	21.45	21.43								
3	64QAM	1	14	21.16	21.31	21.45	22.5	2						
3	64QAM	8	0	20.28	20.33	20.47								
3	64QAM	8	4	20.24	20.30	20.33								
3	64QAM	8	7	20.24	20.19	20.33								
3	64QAM	15	0	20.18	20.25	20.38	21.5	3						
Channel														
Frequency (MHz)														
1.4	QPSK	1	0	23.179	23.322	23.666	Time-up limit (dBm)	MPR (dB)						
Frequency (MHz)				1710.7	1745	1779.3								
1.4	QPSK	1	0	23.33	23.34	23.35	24.5	0						
1.4	QPSK	1	3	23.27	23.33	23.38								
1.4	QPSK	1	5	23.30	23.11	23.19								
1.4	QPSK	1	0	23.37	23.41	23.36								
1.4	QPSK	3	1	23.36	23.30	23.30	23.5	1						
1.4	QPSK	3	3	23.07	23.19	23.22								
1.4	16QAM	1	0	22.21	22.34	22.35								
1.4	16QAM	1	3	22.52	22.45	22.63								
1.4	16QAM	1	3	22.58	22.47	22.58	23.5	1						
1.4	16QAM	1	5	22.30	22.44	22.35								
1.4	16QAM	3	0	22.47	22.41	22.60								
1.4	16QAM	3	3	22.60	22.46	22.62								
1.4	16QAM	3	3	22.36	22.34	22.34	22.5	2						
1.4	64QAM	1	0	21.29	21.37	21.42								
1.4	64QAM	1	3	21.25	21.41	21.45								
1.4	64QAM	1	5	21.19	21.29	21.36								
1.4	64QAM	3	0	21.29	21.37	21.53	22.5	2						
1.4	64QAM	3	3	21.35	21.45	21.50								
1.4	64QAM	3	3	21.23	21.37	21.32								
1.4	64QAM	6	0	21.14	20.28	20.31								

LTE Band 71_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				133222	133297	133372	24.5	0	
Frequency (MHz)				673	660.5	665			
20	QPSK	1	0	23.38	23.41	23.34			
20	QPSK	1	49	23.21	23.24	23.20	23.5	1	
20	QPSK	1	99	23.16	23.22	23.20			
20	QPSK	50	0	22.35	22.39	22.39			
20	QPSK	50	24	22.29	22.29	22.25	23.5	1	
20	QPSK	50	50	22.33	22.23	22.24			
20	QPSK	100	0	22.31	22.34	22.26			
20	16QAM	1	0	22.53	22.52	22.53	23.5	1	
20	16QAM	1	49	22.46	22.44	22.46			
20	16QAM	1	99	22.49	22.54	22.56			
20	16QAM	50	0	21.35	21.21	21.23	22.5	2	
20	16QAM	50	24	21.27	21.26	21.27			
20	16QAM	50	50	21.34	21.29	21.25			
20	16QAM	100	0	21.35	21.22	21.25	22.5	2	
20	64QAM	1	0	21.42	21.44	21.46			
20	64QAM	1	49	21.34	21.45	21.35			
20	64QAM	1	99	21.40	21.49	21.51	21.5	3	
20	64QAM	50	0	20.34	20.23	20.22			
20	64QAM	50	24	20.28	20.31	20.29			
20	64QAM	50	50	20.35	20.31	20.27	21.5	3	
20	64QAM	100	0	20.36	20.26	20.24			
Channel				133197	133297	133397	24.5	0	
Frequency (MHz)				670.5	660.5	660.5			
15	QPSK	1	0	23.30	23.31	23.06			
15	QPSK	1	37	23.12	23.06	23.10	23.5	1	
15	QPSK	1	74	23.11	22.99	23.13			
15	QPSK	36	0	22.26	22.14	22.04			
15	QPSK	36	20	22.07	22.04	22.06	23.5	1	
15	QPSK	36	39	22.20	22.05	22.15			
15	QPSK	75	0	22.22	22.16	22.09			
15	16QAM	1	0	22.36	22.46	22.44	23.5	1	
15	16QAM	1	37	22.36	22.20	22.24			
15	16QAM	1	74	22.39	22.34	22.46			
15	16QAM	36	0	21.12	20.97	21.14	22.5	2	
15	16QAM	36	20	21.06	21.21	21.21			
15	16QAM	36	39	21.09	21.16	21.04			
15	16QAM	75	0	21.29	21.09	21.05	22.5	2	
15	64QAM	1	0	21.22	21.27	21.22			
15	64QAM	1	37	21.19	21.36	21.24			
15	64QAM	1	74	21.30	21.28	21.44	21.5	3	
15	64QAM	36	0	20.15	20.16	20.00			
15	64QAM	36	20	20.17	20.25	20.24			
15	64QAM	36	39	20.24	20.25	20.10	21.5	3	
15	64QAM	75	0	20.27	20.14	20.08			
Channel				133172	133297	133422	24.5	0	
Frequency (MHz)				668	660.5	663			
10	QPSK	1	0	23.28	23.16	23.17			
10	QPSK	1	25	23.03	23.18	23.07	23.5	1	
10	QPSK	1	49	22.96	23.00	23.08			
10	QPSK	25	0	22.30	22.15	22.16			
10	QPSK	25	12	22.21	22.07	22.06	23.5	1	
10	QPSK	25	25	22.18	21.98	21.99			
10	QPSK	50	0	22.25	22.19	22.02			
10	16QAM	1	0	22.37	22.43	22.41	23.5	1	
10	16QAM	1	25	22.36	22.31	22.28			
10	16QAM	1	49	22.39	22.31	22.46			
10	16QAM	25	0	21.16	21.05	21.05	22.5	2	
10	16QAM	25	12	21.14	21.20	21.19			
10	16QAM	25	25	21.13	21.22	21.10			
10	16QAM	50	0	21.29	21.03	21.06	22.5	2	
10	64QAM	1	0	21.35	21.32	21.34			
10	64QAM	1	25	21.19	21.38	21.12			
10	64QAM	1	49	21.33	21.26	21.43	21.5	3	
10	64QAM	25	0	20.20	20.18	20.11			
10	64QAM	25	12	20.03	20.10	20.21			
10	64QAM	25	25	20.24	20.19	20.08	21.5	3	
10	64QAM	50	0	20.21	20.18	20.06			
Channel				133147	133297	133447	24.5	0	
Frequency (MHz)				665.5	660.5	665.5			
5	QPSK	1	0	23.27	23.35	23.10			
5	QPSK	1	12	23.04	23.09	23.00	23.5	1	
5	QPSK	1	24	23.02	23.09	23.02			
5	QPSK	12	0	22.22	22.30	22.09			
5	QPSK	12	7	22.21	22.20	22.09	23.5	1	
5	QPSK	12	13	22.12	22.11	22.10			
5	QPSK	25	0	22.26	22.12	22.07			
5	16QAM	1	0	22.34	22.33	22.36	23.5	1	
5	16QAM	1	12	22.30	22.36	22.43			
5	16QAM	1	24	22.29	22.36	22.42			
5	16QAM	12	0	21.29	20.96	21.18	22.5	2	
5	16QAM	12	7	21.07	21.18	21.18			
5	16QAM	12	13	21.26	21.16	21.01			
5	16QAM	25	0	21.15	21.05	21.09	22.5	2	
5	64QAM	1	0	21.24	21.20	21.33			
5	64QAM	1	12	21.20	21.30	21.17			
5	64QAM	1	24	21.21	21.29	21.36	21.5	3	
5	64QAM	12	0	20.10	20.17	20.13			
5	64QAM	12	7	20.15	20.18	20.10			
5	64QAM	12	13	20.20	20.06	20.22	21.5	3	
5	64QAM	25	0	20.19	20.18	20.08			

LTE Band 71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				133222	133297	133372	24.5	0	
Frequency (MHz)				673	660.5	665			
20	QPSK	1	0	23.62	23.69	23.55			
20	QPSK	1	49	23.49	23.50	23.53	23.5	1	
20	QPSK	1	99	23.58	23.59	23.47			
20	QPSK	50	0	22.69	22.71	22.57			
20	QPSK	50	24	22.64	22.63	22.53	23.5	1	
20	QPSK	50	50	22.61	22.64	22.55			
20	QPSK	100	0	22.61	22.69	22.53			
20	16QAM	1	0	22.85	22.82	22.84	23.5	1	
20	16QAM	1	49	22.82	22.88	22.74			
20	16QAM	1	99	22.77	22.79	22.69			
20	16QAM	50	0	21.75	21.62	21.52	22.5	2	
20	16QAM	50	24	21.63	21.59	21.59			
20	16QAM	50	50	21.65	21.62	21.54			
20	16QAM	100	0	21.65	21.57	21.52	22.5	2	
20	64QAM	1	0	21.69	21.73	21.73			
20	64QAM	1	49	21.67	21.71	21.66			
20	64QAM	1	99	21.63	21.72	21.62	21.5	3	
20	64QAM	50	0	20.68	20.62	20.51			
20	64QAM	50	24	20.66	20.64	20.61			
20	64QAM	50	50	20.69	20.64	20.58	21.5	3	
20	64QAM	100	0	20.64	20.64	20.55			
Channel				133197	133297	133422	24.5	0	
Frequency (MHz)				670.5	660.5	665.5			
15	QPSK	1	0	23.51	23.45	23.48			
15	QPSK	1	37	23.36	23.33	23.48	23.5	0	
15	QPSK	1	74	23.50	23.51	23.25			
15	QPSK	36	0	22.50	22.54	22.52			
15	QPSK	36	20	22.48	22.45	22.30	23.5	1	
15	QPSK	36	39	22.44	22.54	22.42			
15	QPSK	75	0	22.43	22.89	22.41			
15	16QAM	1	0	22.64	22.69	22.79	23.5	1	
15	16QAM	1	37	22.59	22.69	22.56			
15	16QAM	1	74	22.50	22.56	22.46			
15	16QAM	36	0	21.57	21.49	21.35	22.5	2	
15	16QAM	36	20	21.46	21.54	21.47			
15	16QAM	36	39	21.51	21.56	21.41			
15	16QAM	75	0	21.46	21.42	21.30	22.5	2	
15	64QAM	1	0	21.53	21.62	21.61			
15	64QAM	1	37	21.48	21.53	21.55			
15	64QAM	1	74	21.54	21.63	21.51	21.5	3	
15	64QAM	36	0	20.44	20.37	20.44			
15	64QAM	36	20	20.50	20.54	20.50			
15	64QAM	36	39	20.53	20.43	20.39	21.5	3	
15	64QAM	75	0	20.52	20.41	20.35			
Channel				133172	133297	133422	24.5	0	
Frequency (MHz)				668	660.5	663			
10	QPSK	1	0	23.56	23.47	23.48			
10	QPSK	1	25	23.27	23.32	23.42	24.5	0	
10	QPSK	1	49	23.48	23.51	23.27			
10	QPSK	20	0	22.51	22.63	22.40			
10	QPSK	20	12	22.48	22.41	22.46	23.5	1	
10	QPSK	25	25	22.36	22.55	22.35			
10	QPSK	50	0	22.41	22.47	22.44			
10	16QAM	1	0	22.79	22.69	22.57	23.5	1	
10	16QAM	1	25	22.73	22.70	22.57			
10	16QAM	1	49	22.78	22.74	22.46			
10	16QAM	20	0	21.52	21.50	21.38	22.5	2	
10	16QAM	20	12	21.43	21.36	21.30			
10	16QAM	25	25	21.53	21.54	21.40			
10	16QAM	50	0	21.59	21.49	21.32	22.5	2	
10	64QAM	1	0	21.56	21.58	21.62			
10	64QAM	1	25	21.73	21.64	21.50			
10	64QAM	1	49	21.49	21.51	21.55	21.5	3	
10	64QAM	20	0	20.54	20.54	20.35			
10	64QAM	20	12	20.41	20.42	20.50			
10	64QAM	25	25	20.50	20.50	20.44	21.5	3	
10	64QAM	50	0	20.54	20.46	20.49			
Channel				133147	133297	133447	24.5	0	
Frequency (MHz)				665.5	660.5	665.5			
5	QPSK	1	0	23.50	23.56	23.34			
5	QPSK	1	12	23.43	23.43	23.48	24.5	0	
5	QPSK	1	24	23.43	23.43	23.42			
5	QPSK	12	0	22.48	22.51	22.56			
5	QPSK	12	7	22.44	22.47	22.44	23.5	1	
5	QPSK	12	13	22.41	22.53	22.37			
5	QPSK	25	0	22.47	22.62	22.29			
5	16QAM	1	0	22.76	22.76	22.60	23.5	1	
5	16QAM	1	12	22.68	22.78	22.62			
5	16QAM	1	24	22.71	22.54	22.47			
5	16QAM	12	0	21.50	21.48	21.45	22.5	2	
5	16QAM	12	7	21.46	21.53	21.47			
5	16QAM	12	13	21.60	21.50	21.43			
5	16QAM	25	0	21.49	21.48	21.39	22.5	2	
5	64QAM	1	0	21.60	21.59	21.50			
5	64QAM	1	12	21.74	21.46	21.52			
5	64QAM	1	24	21.51	21.55	21.46	21.5	3	
5	64QAM	12	0	20.63	20.47	20.35			
5	64QAM	12	7	20.66	20.50	20.37			
5	64QAM	12	13	20.65	20.56	20.36	21.5	3	
5	64QAM	25	0	20.57	20.55	20.47			

Band 41_Ant 1																
BW (MHz)	Modulation	RS Type	RS Offset	Power Low Ch (F/MHz)	Power Low Mid Ch (F/MHz)	Power Low High Ch (F/MHz)	Power High Ch (F/MHz)	Turn-on time (sec)	APRS (dB)							
Channel																
				36750	41005	45000	41000	41000								
Frequency (MHz)				2590	2546.5	2500	2546.5	2590								
20	QPSK	1	5	25.18	25.00	25.00	25.18	25.00								
20	QPSK	1	49	25.04	25.08	25.03	25.20	25.43	24.5	0						
20	QPSK	1	96	25.03	25.00	25.01	25.20	25.43								
20	QPSK	50	5	25.12	25.10	25.08	25.12	25.03								
20	QPSK	50	24	25.07	25.08	25.02	25.12	25.03	23.5	1						
20	QPSK	50	36	25.14	25.07	25.03	25.12	25.03								
20	QPSK	100	5	25.08	25.00	25.01	25.12	25.03								
20	TDMA	1	5	25.11	25.00	25.03	25.08	25.28	23.5	1						
20	TDMA	1	49	25.05	25.05	25.03	25.10	25.30								
20	TDMA	1	96	25.01	25.08	25.08	25.21	25.35								
20	TDMA	50	5	25.01	25.00	25.00	25.10	25.30	22.5	2						
20	TDMA	50	24	25.00	25.00	25.00	25.10	25.30								
20	TDMA	50	36	25.02	25.05	25.10	25.08	25.07								
20	TDMA	100	5	25.08	25.04	25.12	25.04	25.12	22.5	2						
20	TDMA	100	5	25.00	25.00	25.00	25.10	25.30								
20	TDMA	50	5	25.09	25.08	25.03	25.14	25.30	21.5	3						
20	TDMA	50	24	25.09	25.00	25.04	25.16	25.32								
20	TDMA	50	36	25.09	25.04	25.08	25.16	25.30								
20	TDMA	100	5	25.09	25.05	25.04	25.16	25.30								
Channel																
Frequency (MHz)				36725	41173	40600	41000	41000	Turn-on time (sec)	APRS (dB)						
				2590	2546.5	2500	2546.5	2590								
15	QPSK	1	5	25.13	25.07	25.11	25.04	25.03								
15	QPSK	1	37	25.00	25.04	25.12	25.07	25.05	24.5	0						
15	QPSK	1	74	25.06	25.08	25.01	25.08	25.38								
15	QPSK	36	5	25.08	25.07	25.11	25.08	25.03								
15	QPSK	36	20	25.00	25.05	25.08	25.30	25.03	23.5	1						
15	QPSK	36	30	25.06	25.00	25.11	25.31	25.31								
15	QPSK	75	5	25.09	25.08	25.07	25.10	25.08								
15	TDMA	1	5	25.01	25.07	25.08	25.16	25.38								
15	TDMA	1	37	25.00	25.04	25.09	25.28	25.25	23.5	1						
15	TDMA	1	74	25.06	25.08	25.01	25.08	25.38								
15	TDMA	36	5	25.00	25.06	25.08	25.30	25.03	22.5	2						
15	TDMA	36	20	25.06	25.07	25.09	25.13	25.37								
15	TDMA	36	30	25.00	25.05	25.08	25.30	25.03								
15	TDMA	75	5	25.03	25.03	25.03	25.12	25.30	21.5	3						
15	TDMA	1	5	25.07	25.04	25.07	25.08	25.08								
15	TDMA	1	37	25.10	25.12	25.07	25.10	25.17								
15	TDMA	1	74	25.12	25.08	25.01	25.08	25.38								
15	TDMA	36	5	25.00	25.06	25.08	25.30	25.03								
15	TDMA	36	20	25.06	25.07	25.09	25.13	25.37								
15	TDMA	36	30	25.00	25.05	25.08	25.30	25.03								
15	TDMA	75	5	25.03	25.03	25.03	25.12	25.30								
15	TDMA	1	5	25.07	25.04	25.07	25.08	25.08								
15	TDMA	1	37	25.10	25.12	25.07	25.10	25.17								
15	TDMA	1	74	25.12	25.08	25.01	25.08	25.38								
15	TDMA	36	5	25.00	25.06	25.08	25.30	25.03								
15	TDMA	36	20	25.06	25.07	25.09	25.13	25.37								
15	TDMA	36	30	25.00	25.05	25.08	25.30	25.03								
15	TDMA	75	5	25.03	25.03	25.03	25.12	25.30								
15	TDMA	1	5	25.07	25.04	25.07	25.08	25.08								
15	TDMA	1	37	25.10	25.12	25.07	25.10	25.17								
15	TDMA	1	74	25.12	25.08	25.01	25.08	25.38								
15	TDMA	36	5	25.00	25.06	25.08	25.30	25.03								
15	TDMA	36	20	25.06	25.07	25.09	25.13	25.37								
15	TDMA	36	30	25.00	25.05	25.08	25.30	25.03								
15	TDMA	75	5	25.03	25.03	25.03	25.12	25.30								
15	TDMA	1	5	25.07	25.04	25.07	25.08	25.08								
15	TDMA	1	37	25.10	25.12	25.07	25.10	25.17								
15	TDMA	1	74	25.12	25.08	25.01	25.08	25.38								
15	TDMA	36	5	25.00	25.06	25.08	25.30	25.03								
15	TDMA	36	20	25.06	25.07	25.09	25.13	25.37								
15	TDMA	36	30	25.00	25.05	25.08	25.30	25.03								
15	TDMA	75	5	25.03	25.03	25.03	25.12	25.30								
15	TDMA	1	5	25.07	25.04	25.07	25.08	25.08								
15	TDMA	1	37	25.10	25.12	25.07	25.10	25.17								
15	TDMA	1	74	25.12	25.08	25.01	25.08	25.38								
15	TDMA	36	5	25.00	25.06	25.08	25.30	25.03								
15	TDMA	36	20	25.06	25.07	25.09	25.13	25.37								
15	TDMA	36	30	25.00	25.05	25.08	25.30	25.03								
15	TDMA	75	5	25.03	25.03	25.03	25.12	25.30								
15	TDMA	1	5	25.07	25.04	25.07	25.08	25.08								
15	TDMA	1	37	25.10	25.12	25.07	25.10	25.17								
15	TDMA	1	74	25.12	25.08	25.01	25.08	25.38								
15	TDMA	36	5	25.00	25.06	25.08	25.30	25.03								
15	TDMA	36	20	25.06	25.07	25.09	25.13	25.37								
15	TDMA	36	30	25.00	25.05	25.08	25.30	25.03								
15	TDMA	75	5	25.03	25.03	25.03	25.12	25.30								
15	TDMA	1	5	25.07	25.04	25.07	25.08	25.08								
15	TDMA	1	37	25.10	25.12	25.07	25.10	25.17								
15	TDMA	1	74	25.12	25.08	25.01	25.08	25.38								
15	TDMA	36	5	25.00	25.06	25.08	25.30	25.03								
15	TDMA	36	20	25.06	25.07	25.09	25.13	25.37								
15	TDMA	36	30	25.00	25.05	25.08	25.30	25.03								
15	TDMA	75	5	25.03	25.03	25.03	25.12	25.30								
15	TDMA	1	5	25.07	25.04	25.07	25.08	25.08								
15	TDMA	1	37	25.10	25.12	25.07	25.10	25.17								
15	TDMA	1	74	25.12	25.08	25.01	25.08	25.38								
15	TDMA	36	5	25.00	25.06	25.08	25.30	25.03								
15	TDMA	36	20	25.06	25.07	25.09	25.13	25.37								
15	TDMA	36	30	25.00	25.05	25.08	25.30	25.03								
15	TDMA	75	5	25.03	25.03	25.03	25.12	25.30								
15	TDMA	1	5	25.07	25.04	25.07	25.08	25.08								
15	TDMA	1	37	25.10	25.12	25.07	25.10	25.17								
15	TDMA	1	74	25.12	25.08	25.01	25.08	25.38								
15	TDMA	36	5	25.00	25.06	25.08	25.30	25.03								
15	TDMA	36	20	25.06	25.07	25.09	25.13	25.37								
15	TDMA	36	30	25.00	25.05	25.08	25.30	25.03								
15	TDMA	75	5	25.03	25.03	25.03	25.12	25.30								
15	TDMA	1	5	25.07	25.04	25.07	25.08	25.08								
15	TDMA	1	37	25.10	25.12	25.07	25.10	25.17								
15	TDMA	1	74	25.12	25.08	25.01	25.08	25.38								
15	TDMA	36	5	25.00	25.06	25.08	25.30	25.03								
15	TDMA	36	20	25.06	25.07	25.09	25.13	25.37								
15	TDMA	36	30	25.00	25.05	25.08	25.30	25.03								
15	TDMA	75	5	25.03	25.03	25.03	25.12	25.30								
15	TDMA	1	5	25.07	25.04	25.07	25.08	25.08								
15	TDMA	1	37	25.10	25.12	25.07	25.10	25.17								
15	TDMA	1	74	25.12	25.08	25.01	25.08	25.38								
15	TDMA	36	5	25.00	25.06	25.08	25.30	25.03								
15	TDMA	36	20	25.06	25.07	25.09	25.13	25.37								
15	TDMA	36	30	25.00	25.05	25.08	25.30	25.03								
15	TDMA	75	5	25.03	25.03	25.03	25.12	25.30								
15	TDMA	1	5	25.07	25.04	25.07	25.08	25.08								
15	TDMA	1	37	25.10	25.12	25.07	25.10	25.17								
15	TDMA	1	74	25.12	25.08	25.01	25.08	25.38								
15	TDMA	36	5	25.00	25.06	25.08	25.30	25.03								
15	TDMA	36	20	25.06	25.07	25.09	25.13	25.37								
15	TDMA	36	30	25.00	25.05	25.08	25.30	25.03								
15	TDMA	75	5	25.03	25.03	25.03	25.12	25.30								
15	TDMA	1	5	25.07	25.04	25.07	25.08	25.08								
15	TDMA	1	37	25.10	25.12	25.07	25.10	25.17								
15	TDMA	1	74	25.12	25.08	25.01	25.08	25.38								
15	TDMA	36	5	25.00	25.06	25.08	25.30	25.03								
15	TDMA	36	20	25.06	25.07	25.09	25.13	25.37								
15	TDMA	36	30	25.00	25.05	25.08	25.30	25.03								
15	TDMA	75	5	25.03	25.03	25.03	25.12	25.30								
15	TDMA	1	5	25.07	25.04	25.07	25.08	25.08								
15	TDMA	1	37	25.10	25.12	25.07	25.10	25.17								
15	TDMA	1	74	25.12	25.08	25.01	25.08	25.38								
15	TDMA															

Part 96_Band 48_Ant 1										Part 96_Band 48_Ant 2										Part 96_Band 48_Ant 5										Part 96_Band 48_Ant 7									
BW (MHz)	Modulation	FS (Hz)	FS Offset	Power Low Ch / Freq.	Power Low-Mid Ch / Freq.	Power High-Mid Ch / Freq.	Power High Ch / Freq.	Time-up (min)	APRS (dB)	BW (MHz)	Modulation	FS (Hz)	FS Offset	Power Low Ch / Freq.	Power Low-Mid Ch / Freq.	Power High-Mid Ch / Freq.	Power High Ch / Freq.	Time-up (min)	APRS (dB)	BW (MHz)	Modulation	FS (Hz)	FS Offset	Power Low Ch / Freq.	Power Low-Mid Ch / Freq.	Power High-Mid Ch / Freq.	Power High Ch / Freq.	Time-up (min)	APRS (dB)	BW (MHz)	Modulation	FS (Hz)	FS Offset	Power Low Ch / Freq.	Power Low-Mid Ch / Freq.	Power High-Mid Ch / Freq.	Power High Ch / Freq.	Time-up (min)	APRS (dB)
Channel										Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
36	QPSK	1	0	22.51	22.48	22.45	22.42			36	QPSK	1	0	22.58	22.45	22.42	22.40			36	QPSK	1	0	20.50	20.37	20.34	20.34			36	QPSK	1	0	21.80	21.70	21.68			
20	QPSK	1	48	22.49	22.37	22.41	22.41	23	0	20	QPSK	1	48	20.45	20.34	20.38	20.43	21	0	20	QPSK	1	48	21.83	21.68	21.73	21.78	22.5	0	20	QPSK	1	48	21.83	21.68	21.73	21.78		
20	QPSK	50	0	21.58	21.52	21.51	21.49			20	QPSK	50	0	21.57	21.42	21.52	21.42			20	QPSK	50	0	21.80	21.68	21.73	21.78			20	QPSK	50	0	21.80	21.68	21.73	21.78		
20	QPSK	50	24	21.48	21.51	21.50	21.50			20	QPSK	50	24	20.47	20.28	20.28	20.31	21	0	20	QPSK	50	24	21.73	21.65	21.62	21.75	22.5	0	20	QPSK	50	24	21.73	21.65	21.62	21.75		
20	QPSK	100	0	21.43	21.51	21.44	21.46			20	QPSK	100	0	20.37	20.28	20.28	20.30			20	QPSK	100	0	21.75	21.61	21.57	21.72			20	QPSK	100	0	21.75	21.61	21.57	21.72		
20	QPSK	100	0	21.58	21.42	21.50	21.48			20	QPSK	100	0	21.55	21.31	21.44	21.38			20	QPSK	100	0	21.80	21.58	21.74	21.78			20	QPSK	100	0	21.80	21.58	21.74	21.78		
20	QPSK	1	0	21.49	21.58	21.57	21.57			20	QPSK	1	0	21.53	21.32	21.47	21.50	22	1	20	QPSK	1	0	21.78	21.64	21.69	21.75	22.5	0	20	QPSK	1	0	21.78	21.64	21.69	21.75		
20	QPSK	50	0	21.44	21.54	21.48	21.48			20	QPSK	50	0	21.48	21.30	21.44	21.32			20	QPSK	50	0	21.78	21.54	21.69	21.75			20	QPSK	50	0	21.78	21.54	21.69	21.75		
20	QPSK	1	0	21.49	21.48	21.51	21.48			20	QPSK	1	0	21.48	21.28	21.44	21.38			20	QPSK	1	0	21.78	21.63	21.72	21.68			20	QPSK	1	0	21.78	21.63	21.72	21.68		
20	QPSK	50	0	20.47	20.58	20.50	20.50			20	QPSK	50	0	20.56	20.38	20.53	20.43			20	QPSK	50	0	21.84	21.61	21.72	21.72	22.5	0	20	QPSK	50	0	21.84	21.61	21.72	21.72		
20	QPSK	50	24	20.37	20.54	20.55	20.56			20	QPSK	50	24	20.44	20.32	20.44	20.36			20	QPSK	50	24	21.78	21.61	21.69	21.75			20	QPSK	50	24	21.78	21.61	21.69	21.75		
20	QPSK	100	0	20.51	20.50	20.52	20.50			20	QPSK	100	0	20.54	20.27	20.40	20.30			20	QPSK	100	0	21.77	21.61	21.69	21.75			20	QPSK	100	0	21.77	21.61	21.69	21.75		
20	QPSK	1	0	20.36	20.51	20.52	20.50			20	QPSK	1	0	20.46	20.25	20.52	20.31	21	2	20	QPSK	1	0	21.84	21.61	21.69	21.75	22.5	0	20	QPSK	1	0	21.84	21.61	21.69	21.75		
20	QPSK	1	48	20.34	20.54	20.47	20.40			20	QPSK	1	48	20.46	20.35	20.52	20.42			20	QPSK	1	48	21.79	21.62	21.69	21.75			20	QPSK	1	48	21.79	21.62	21.69	21.75		
20	QPSK	50	0	19.42	19.52	19.50	19.48			20	QPSK	50	0	19.50	19.44	19.50	19.45			20	QPSK	50	0	21.80	21.59	21.70	21.68			20	QPSK	50	0	21.80	21.59	21.70	21.68		
20	QPSK	50	24	19.37	19.54	19.55	19.56			20	QPSK	50	24	19.44	19.29	19.52	19.40			20	QPSK	50	24	21.77	21.61	21.69	21.75			20	QPSK	50	24	21.77	21.61	21.69	21.75		
20	QPSK	100	0	19.34	19.50	19.47	19.39			20	QPSK	100	0	19.34	19.45	19.45	19.37			20	QPSK	100	0	21.84	21.61	21.69	21.75	22.5	0	20	QPSK	100	0	21.84	21.61	21.69	21.75		
20	QPSK	1	0	19.49	19.48	19.51	19.48			20	QPSK	1	0	19.49	19.48	19.51	19.48			20	QPSK	1	0	21.84	21.61	21.69	21.75			20	QPSK	1	0	21.84	21.61	21.69	21.75		
20	QPSK	50	0	19.42	19.52	19.50	19.48			20	QPSK	50	0	19.42	19.32	19.48	19.38			20	QPSK	50	0	21.84	21.61	21.69	21.75	22.5	0	20	QPSK	50	0	21.84	21.61	21.69	21.75		
20	QPSK	50	24	19.37	19.54	19.55	19.56			20	QPSK	50	24	19.44	19.29	19.52	19.40			20	QPSK	50	24	21.77	21.61	21.69	21.75			20	QPSK	50	24	21.77	21.61	21.69	21.75		
20	QPSK	100	0	19.34	19.50	19.47	19.39			20	QPSK	100	0	19.34	19.45	19.45	19.37			20	QPSK	100	0	21.84	21.61	21.69	21.75	22.5	0	20	QPSK	100	0	21.84	21.61	21.69	21.75		
20	QPSK	1	0	19.49	19.48	19.51	19.48			20	QPSK	1	0	19.49	19.48	19.51	19.48			20	QPSK	1	0	21.84	21.61	21.69	21.75			20	QPSK	1	0	21.84	21.61	21.69	21.75		
20	QPSK	50	0	19.42	19.52	19.50	19.48			20	QPSK	50	0	19.42	19.32	19.48	19.38			20	QPSK	50	0	21.84	21.61	21.69	21.75	22.5	0	20	QPSK	50	0	21.84	21.61	21.69	21.75		
20	QPSK	50	24	19.37	19.54	19.55	19.56			20	QPSK	50	24	19.44	19.29	19.52	19.40			20	QPSK	50	24	21.77	21.61	21.69	21.75			20	QPSK	50	24	21.77	21.61	21.69	21.75		
20	QPSK	100	0	19.34	19.50	19.47	19.39			20	QPSK	100	0	19.34	19.45	19.45	19.37			20	QPSK	100	0	21.84	21.61	21.69	21.75	22.5	0	20	QPSK	100	0	21.84	21.61	21.69	21.75		
20	QPSK	1	0	19.49	19.48	19.51	19.48			20	QPSK	1	0	19.49	19.48	19.51	19.48			20	QPSK	1	0	21.84	21.61	21.69	21.75			20	QPSK	1	0	21.84	21.61	21.69	21.75		
20	QPSK	50	0	19.42	19.52	19.50	19.48			20	QPSK	50	0	19.42	19.32	19.48	19.38			20	QPSK	50	0	21.84	21.61	21.69	21.75	22.5	0	20	QPSK	50	0	21.84	21.61	21.69	21.75		
20	QPSK	50	24	19.37	19.54	19.55	19.56			20	QPSK	50	24	19.44	19.29	19.52	19.40			20	QPSK	50	24	21.77	21.61	21.69	21.75			20	QPSK	50	24	21.77	21.61	21.69	21.75		
20	QPSK	100	0	19.34	19.50	19.47	19.39			20	QPSK	100	0	19.34	19.45	19.45	19.37			20	QPSK	100	0	21.84	21.61	21.69	21.75	22.5	0	20	QPSK	100	0	21.84	21.61	21.69	21.75		
20	QPSK	1	0	19.49	19.48	19.51	19.48			20	QPSK	1	0	19.49	19.48	19.51	19.48			20	QPSK	1	0	21.84	21.61	21.69	21.75			20	QPSK	1	0	21.84	21.61	21.69	21.75		
20	QPSK	50	0	19.42	19.52	19.50	19.48			20	QPSK	50	0	19.42	19.32	19.48	19.38			20	QPSK	50	0	21.84	21.61	21.69	21.75	22.5	0	20	QPSK	50	0	21.84	21.61	21.69	21.75		
20	QPSK	50	24	19.37	19.54	19.55	19.56			20	QPSK	50	24	19.44	19.29	19.52	19.40			20	QPSK	50	24	21.77	21.61	21.69	21.75			20	QPSK	50	24	21.77	21.61	21.69	21.75		
20	QPSK	100	0	19.34	19.50	19.47	19.39			20	QPSK	100	0	19.34	19.45	19.45	19.37			20	QPSK	100	0	21.84	21.61	21.69	21.75	22.5	0	20	QPSK	100	0	21.84	21.61	21.69	21.75		
20	QPSK	1	0	19.49	19.48	19.51	19.48			20	QPSK	1	0	19.49	19.48	19.51	19.48			20	QPSK	1	0	21.84	21.61	21.69	21.75			20	QPSK	1	0	21.84	21.61	21.69	21.75		</

Reduced Power Mode for ECI 18

Band 2_Ant 1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	23.41	23.43	23.38	24.5	0						
20	QPSK	1	49	23.38	23.40	23.37								
20	QPSK	1	99	23.29	23.32	23.31								
20	QPSK	50	0	23.37	22.40	23.36								
20	QPSK	50	24	22.32	22.35	22.34	23.5	1						
20	QPSK	50	50	22.34	22.37	22.34								
20	QPSK	100	0	22.35	22.37	22.35								
20	16QAM	1	0	22.71	22.57	22.63								
20	16QAM	1	49	22.70	22.57	22.64	23.5	1						
20	16QAM	1	99	22.59	22.52	22.61								
20	16QAM	50	0	21.39	21.35	21.37								
20	16QAM	50	24	21.36	21.39	21.33								
20	16QAM	50	50	21.33	21.36	21.32	22.5	2						
20	16QAM	100	0	21.34	21.35	21.33								
20	64QAM	1	0	21.64	21.49	21.52								
20	64QAM	1	49	21.60	21.59	21.51								
20	64QAM	1	99	21.44	21.48	21.49	22.5	2						
20	64QAM	50	0	20.40	20.37	20.40								
20	64QAM	50	24	20.39	20.41	20.36								
20	64QAM	50	50	20.35	20.37	20.33								
20	64QAM	100	0	20.37	20.36	20.34	21.5	3						
Channel														
Frequency (MHz)														
15	QPSK	1	0	23.29	23.26	23.23	24.5	0						
15	QPSK	1	37	23.41	23.33	23.25								
15	QPSK	1	74	23.22	23.17	23.17								
15	QPSK	36	0	22.23	22.29	22.35								
15	QPSK	36	20	22.24	22.19	22.22	23.5	1						
15	QPSK	36	39	22.30	22.24	22.23								
15	QPSK	75	0	22.34	22.32	22.23								
15	16QAM	1	0	22.42	22.58	22.50								
15	16QAM	1	37	22.52	22.62	22.56	23.5	1						
15	16QAM	1	74	22.49	22.58	22.39								
15	16QAM	36	0	21.29	21.27	21.29								
15	16QAM	36	20	21.33	21.23	21.23								
15	16QAM	36	39	21.24	21.29	21.21	22.5	2						
15	16QAM	75	0	21.29	21.21	21.21								
15	64QAM	1	0	21.45	21.53	21.41								
15	64QAM	1	37	21.49	21.59	21.39								
15	64QAM	1	74	21.33	21.37	21.38	22.5	2						
15	64QAM	36	0	20.35	20.30	20.26								
15	64QAM	36	20	20.28	20.32	20.21								
15	64QAM	36	39	20.31	20.28	20.24								
15	64QAM	75	0	20.27	20.31	20.24	21.5	3						
Channel														
Frequency (MHz)														
10	QPSK	1	0	23.29	23.33	23.19	24.5	0						
10	QPSK	1	25	23.35	23.33	23.35								
10	QPSK	1	49	23.29	23.25	23.17								
10	QPSK	25	0	22.36	22.23	22.25								
10	QPSK	25	12	22.29	22.17	22.19	23.5	1						
10	QPSK	25	25	22.29	22.20	22.26								
10	QPSK	50	0	22.27	22.24	22.28								
10	16QAM	1	0	22.54	22.57	22.51								
10	16QAM	1	25	22.53	22.66	22.51	23.5	1						
10	16QAM	1	49	22.48	22.45	22.36								
10	16QAM	25	0	21.25	21.25	21.25								
10	16QAM	25	12	21.35	21.31	21.22								
10	16QAM	25	25	21.32	21.32	21.18	22.5	2						
10	16QAM	50	0	21.22	21.28	21.24								
10	64QAM	1	0	21.44	21.58	21.37								
10	64QAM	1	25	21.49	21.45	21.47								
10	64QAM	1	49	21.41	21.43	21.48	22.5	2						
10	64QAM	25	0	20.27	20.38	20.30								
10	64QAM	25	12	20.26	20.34	20.21								
10	64QAM	25	25	20.25	20.20	20.23								
10	64QAM	50	0	20.28	20.36	20.20	21.5	3						
Channel														
Frequency (MHz)														
5	QPSK	1	0	23.23	23.33	23.27	24.5	0						
5	QPSK	1	12	23.42	23.39	23.22								
5	QPSK	1	24	23.28	23.21	23.10								
5	QPSK	12	0	22.39	22.25	22.21								
5	QPSK	12	7	22.25	22.19	22.25	23.5	1						
5	QPSK	12	13	22.26	22.22	22.23								
5	QPSK	25	0	22.20	22.23	22.33								
5	16QAM	1	0	22.47	22.62	22.61								
5	16QAM	1	12	22.44	22.56	22.50	23.5	1						
5	16QAM	1	24	22.47	22.53	22.47								
5	16QAM	12	0	21.34	21.31	21.30								
5	16QAM	12	7	21.33	21.34	21.19								
5	16QAM	12	13	21.26	21.19	21.19	22.5	2						
5	16QAM	25	0	21.28	21.32	21.22								
5	64QAM	1	0	21.44	21.50	21.39								
5	64QAM	1	12	21.54	21.47	21.44								
5	64QAM	1	24	21.35	21.34	21.42	22.5	2						
5	64QAM	12	0	20.33	20.37	20.25								
5	64QAM	12	7	20.40	20.29	20.23								
5	64QAM	12	13	20.30	20.29	20.30								
5	64QAM	25	0	20.32	20.27	20.21	21.5	3						
Channel														
Frequency (MHz)														
180/15	180/15	180/15	180/15	180/15	180/15	180/15	Turn-up limit (dBm)	MPR (dB)						
Frequency (MHz)														
3	QPSK	1	0	23.35	23.30	23.25	24.5	0						
3	QPSK	1	8	23.29	23.37	23.28								
3	QPSK	1	14	23.27	23.14	23.19								
3	QPSK	8	0	22.27	22.29	22.34								
3	QPSK	8	4	22.27	22.21	22.28	23.5	1						
3	QPSK	8	7	22.26	22.22	22.26								
3	QPSK	15	0	22.22	22.22	22.22								
3	16QAM	1	0	22.51	22.62	22.49								
3	16QAM	1	8	22.49	22.64	22.61	23.5	1						
3	16QAM	1	14	22.45	22.58	22.50								
3	16QAM	8	0	21.25	21.33	21.34								
3	16QAM	8	4	21.52	21.53	21.22								
3	16QAM	8	7	21.32	21.20	21.20	22.5	2						
3	16QAM	15	0	21.30	21.21	21.22								
3	64QAM	1	0	21.38	21.57	21.45								
3	64QAM	1	8	21.50	21.47	21.48								
3	64QAM	1	14	21.42	21.42	21.38	22.5	2						
3	64QAM	8	0	20.31	20.31	20.30								
3	64QAM	8	4	20.31	20.30	20.28								
3	64QAM	8	7	20.36	20.25	20.18								
3	64QAM	15	0	20.29	20.33	20.33	21.5	3						
Channel														
Frequency (MHz)														
180/17	180/17	180/17	180/17	180/17	180/17	180/17	Turn-up limit (dBm)	MPR (dB)						
Frequency (MHz)														
1.4	QPSK	1	0	23.36	23.32	23.28	24.5	0						
1.4	QPSK	1	8	23.30	23.38	23.26								
1.4	QPSK	1	5	23.19	23.16	23.18								
1.4	QPSK	3	0	23.26	23.31	23.26								
1.4	QPSK	3	1	23.40	23.26	23.22	23.5	1						
1.4	QPSK	3	3	23.18	23.20	23.20								
1.4	QPSK	6	0	22.22	22.26	22.25								
1.4	QPSK	6	4	22.24	22.22	22.24								
1.4	16QAM	1	3	23.43	22.85	22.59	23.5	1						
1.4	16QAM	1	5	22.39	22.48	22.38								
1.4	16QAM	3	0	22.52	22.62	22.52								
1.4	16QAM	3	1	22.51	22.68	22.52								
1.4	16QAM	3	3	22.47	22.58	22.48	22.5	2						
1.4	16QAM	6	0	21.32	21.53	21.32								
1.4	64QAM	1	0	21.39	21.59	21.38								
1.4	64QAM	1	3	21.55	21.63	21.44								
1.4	64QAM	1	5	21.47	21.52	21.44	22.5	2						
1.4	64QAM	3	0	21.47	21.59	21.37								
1.4	64QAM	3	1	21.56	21.48	21.44								
1.4	64QAM	3	3	21.46	21.53	21.38								
1.4	64QAM	3	0	20.35	20.31	20.30	21.5	3						

Band 4_Ant 1												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power Middle Ch / Freq	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20050 1720 1732.5 20300												
20	QPSK	1	0	23.25	23.30	23.27	24.5	0				
20	QPSK	1	49	23.22	23.26	23.21						
20	QPSK	1	99	23.11	23.15	23.22						
20	QPSK	50	0	22.29	22.31	22.27						
20	QPSK	50	24	22.27	22.22	22.26	23.5	1				
20	QPSK	50	50	22.21	22.19	22.20						
20	QPSK	100	0	22.24	22.20	22.28						
20	16QAM	1	0	22.52	22.53	22.49						
20	16QAM	1	49	22.53	22.51	22.48	23.5	1				
20	16QAM	1	99	22.44	22.36	22.30						
20	16QAM	50	0	21.23	21.20	21.21						
20	16QAM	50	24	21.26	21.19	21.26						
20	16QAM	50	50	21.22	21.20	21.26	22.5	2				
20	16QAM	100	0	21.22	21.18	21.24						
20	64QAM	1	0	21.34	21.45	21.41						
20	64QAM	1	49	21.42	21.43	21.46						
20	64QAM	1	99	21.27	21.25	21.42	22.5	2				
20	64QAM	50	0	20.24	20.22	20.21						
20	64QAM	50	24	20.27	20.21	20.27						
20	64QAM	50	50	20.21	20.19	20.27						
20	64QAM	100	0	20.23	20.19	20.25	21.5	3				
Channel												
20025 20175 20325												
Frequency (MHz)												
1717.5 1722.5 1747.5												
15	QPSK	1	0	23.19	23.16	23.13	24.5	0				
15	QPSK	1	37	23.09	23.16	23.13						
15	QPSK	1	74	23.10	23.03	23.12						
15	QPSK	36	0	22.22	22.17	22.17						
15	QPSK	36	20	22.12	22.19	22.24	23.5	1				
15	QPSK	36	39	22.11	22.06	22.15						
15	QPSK	75	0	22.09	22.21	22.25						
15	16QAM	1	0	22.46	22.41	22.34						
15	16QAM	1	37	22.39	22.49	22.40	23.5	1				
15	16QAM	1	74	22.40	22.30	22.42						
15	16QAM	36	0	21.12	21.05	21.15						
15	16QAM	36	20	21.16	21.05	21.19						
15	16QAM	36	39	21.09	21.13	21.13	22.5	2				
15	16QAM	75	0	21.13	21.10	21.20						
15	64QAM	1	0	21.27	21.39	21.28						
15	64QAM	1	37	21.30	21.38	21.37						
15	64QAM	1	74	21.13	21.21	21.33	22.5	2				
15	64QAM	36	0	20.17	20.18	20.27						
15	64QAM	36	20	20.26	20.20	20.26						
15	64QAM	36	39	20.11	20.08	20.21						
15	64QAM	75	0	20.20	20.08	20.20	21.5	3				
Channel												
20000 20175 20350												
Frequency (MHz)												
1715 1722.5 1750												
10	QPSK	1	0	23.14	23.18	23.18	24.5	0				
10	QPSK	1	25	23.07	23.12	23.19						
10	QPSK	1	49	23.06	23.07	23.19						
10	QPSK	25	0	22.16	22.21	22.21						
10	QPSK	25	12	22.14	22.11	22.19	23.5	1				
10	QPSK	25	25	22.14	22.14	22.18						
10	QPSK	50	0	22.18	22.14	22.14						
10	16QAM	1	0	22.39	22.43	22.38						
10	16QAM	1	25	22.51	22.47	22.42	23.5	1				
10	16QAM	1	49	22.37	22.34	22.42						
10	16QAM	25	0	21.16	21.16	21.19						
10	16QAM	25	12	21.15	21.09	21.17						
10	16QAM	25	25	21.07	21.13	21.25	22.5	2				
10	16QAM	50	0	21.17	21.14	21.20						
10	64QAM	1	0	21.25	21.33	21.30						
10	64QAM	1	25	21.38	21.36	21.40						
10	64QAM	1	49	21.26	21.13	21.49	22.5	2				
10	64QAM	25	0	20.13	20.08	20.08						
10	64QAM	25	12	20.23	20.07	20.25						
10	64QAM	25	25	20.12	20.07	20.21						
10	64QAM	50	0	20.15	20.05	20.19	21.5	3				
Channel												
16975 20175 20375												
Frequency (MHz)												
1712.5 1732.5 1752.5												
5	QPSK	1	0	23.18	23.18	23.24	24.5	0				
5	QPSK	1	12	23.09	23.23	23.07						
5	QPSK	1	24	23.06	23.00	23.10						
5	QPSK	12	0	22.14	22.24	22.16						
5	QPSK	12	7	22.20	22.16	22.14	23.5	1				
5	QPSK	12	13	22.18	22.15	22.21						
5	QPSK	25	0	22.23	22.28	22.14						
5	16QAM	1	0	22.40	22.41	22.35						
5	16QAM	1	12	22.50	22.37	22.34	23.5	1				
5	16QAM	1	24	22.33	22.35	22.45						
5	16QAM	12	0	21.17	21.06	21.16						
5	16QAM	12	7	21.17	21.07	21.21						
5	16QAM	12	13	21.16	21.07	21.25	22.5	2				
5	16QAM	25	0	21.13	21.05	21.09						
5	64QAM	1	0	21.20	21.39	21.40						
5	64QAM	1	12	21.31	21.36	21.45						
5	64QAM	1	24	21.25	21.11	21.33	22.5	2				
5	64QAM	12	0	20.14	20.20	20.14						
5	64QAM	12	7	20.16	20.11	20.14						
5	64QAM	12	13	20.13	20.16	20.25						
5	64QAM	25	0	20.11	20.11	20.23	21.5	3				
Channel												
16950 20175 20385												
Frequency (MHz)												
1710.7 1732.5 1753.3												
3	QPSK	1	0	23.14	23.15	23.20	24.5	0				
3	QPSK	1	8	23.15	23.21	23.11						
3	QPSK	1	14	22.97	23.07	23.16						
3	QPSK	8	0	22.18	22.20	22.12						
3	QPSK	8	4	22.25	22.18	22.12	23.5	1				
3	QPSK	8	7	22.16	22.16	22.22						
3	QPSK	15	0	22.09	22.27	22.24						
3	16QAM	1	0	22.45	22.40	22.45						
3	16QAM	1	8	22.45	22.47	22.40	23.5	1				
3	16QAM	1	14	22.33	22.22	22.46						
3	16QAM	8	0	21.21	21.10	21.10						
3	16QAM	8	4	21.22	21.10	21.15						
3	16QAM	4	7	21.07	21.09	21.15	22.5	2				
3	16QAM	15	0	21.08	21.06	21.12						
3	64QAM	1	0	21.30	21.43	21.29						
3	64QAM	1	8	21.36	21.29	21.40						
3	64QAM	1	14	21.13	21.12	21.38	22.5	2				
3	64QAM	8	0	20.18	20.15	20.13						
3	64QAM	8	4	20.12	20.13	20.13						
3	64QAM	8	7	20.07	20.04	20.18						
3	64QAM	15	0	20.08	20.08	20.10	21.5	3				
Channel												
16957 20175 20393												
Frequency (MHz)												
1710.7 1732.5 1754.3												
1.4	QPSK	1	0	23.15	23.22	23.15	24.5	0				
1.4	QPSK	1	12	23.06	23.20	23.07						
1.4	QPSK	1	5	22.98	23.12	23.18						
1.4	QPSK	3	0	23.14	23.25	23.25						
1.4	QPSK	3	3	23.01	23.24	23.19	23.5	1				
1.4	QPSK	6	0	22.16	22.26	22.12						
1.4	16QAM	1	0	22.40	22.38	22.38						
1.4	16QAM	3	3	22.48	22.39	22.38						
1.4	16QAM	1	5	22.40	22.35	22.45	23.5	1				
1.4	16QAM	3	0	22.38	22.39	22.46						
1.4	16QAM	3	1	22.51	22.40	22.47						
1.4	16QAM	3	2	22.39	22.38	22.46						
1.4	16QAM	3	0	21.21	21.14	21.14	22.5	2				
1.4	64QAM	1	0	21.33	21.38	21.36						
1.4	64QAM	1	3	21.29	21.37	21.41						
1.4	64QAM	1	5	21.16	21.13	21.36						
1.4	64QAM	3	0	21.22	21.43	21.36	22.5	2				
1.4	64QAM	3	1	21.40	21.28	21.36						
1.4	64QAM	3	2	21.17	21.31	21.35						
1.4	64QAM	6	0	20.16	20.11	20.22						

Band 5_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.76	23.87	23.89	25	0	
10	QPSK	1	25	23.86	23.74	23.53			
10	QPSK	1	49	23.70	23.62	23.74			
10	QPSK	25	0	22.84	22.77	22.74	24	1	
10	QPSK	25	12	22.63	22.67	22.72			
10	QPSK	25	25	22.63	22.69	22.70			
10	QPSK	50	0	22.87	22.75	22.73	24	1	
10	16QAM	1	0	22.74	22.93	22.97			
10	16QAM	1	25	22.74	22.74	23.02			
10	16QAM	1	49	22.71	23.00	22.97	24	1	
10	16QAM	25	0	21.66	21.63	21.74			
10	16QAM	25	12	21.60	21.71	21.69			
10	16QAM	25	25	21.80	21.78	21.71	23	2	
10	16QAM	50	0	21.62	21.73	21.71			
10	64QAM	1	0	21.93	22.06	21.96			
10	64QAM	1	25	21.86	21.77	21.95	23	2	
10	64QAM	1	49	21.94	21.96	21.81			
10	64QAM	25	0	20.60	20.73	20.66			
10	64QAM	25	12	20.52	20.62	20.69	22	3	
10	64QAM	25	25	20.66	20.68	20.81			
10	64QAM	50	0	20.63	20.68	20.74			
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.75	23.85	23.83	25	0	
5	QPSK	1	12	23.34	23.73	23.39			
5	QPSK	1	24	23.65	23.77	23.62			
5	QPSK	12	0	22.80	22.72	22.61	24	1	
5	QPSK	12	7	22.51	22.56	22.71			
5	QPSK	12	13	22.55	22.62	22.62			
5	QPSK	25	0	22.56	22.62	22.66	24	1	
5	16QAM	1	0	22.67	22.80	22.81			
5	16QAM	1	12	22.61	22.62	22.93			
5	16QAM	1	24	22.67	22.90	22.86	23	2	
5	16QAM	12	0	21.65	21.54	21.72			
5	16QAM	12	7	21.96	21.64	21.65			
5	16QAM	12	13	21.57	21.73	21.70	23	2	
5	16QAM	25	0	21.61	21.66	21.56			
5	64QAM	1	0	21.89	22.01	21.87			
5	64QAM	1	12	21.75	21.69	21.94	22	2	
5	64QAM	1	24	21.72	21.93	21.76			
5	64QAM	12	0	20.49	20.67	20.60			
5	64QAM	12	7	20.46	20.50	20.58	22	3	
5	64QAM	12	13	20.37	20.55	20.72			
5	64QAM	25	0	20.69	20.62	20.74			
Channel				20415	20525	20635			
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	23.74	23.81	23.76	25	0	
3	QPSK	1	8	23.52	23.66	23.39			
3	QPSK	1	14	23.61	23.69	23.70			
3	QPSK	8	0	22.57	22.76	22.71	24	1	
3	QPSK	8	4	22.62	22.59	22.69			
3	QPSK	8	7	22.60	22.61	22.69			
3	QPSK	15	0	22.59	22.73	22.64	24	1	
3	16QAM	1	0	22.62	22.89	22.86			
3	16QAM	1	8	22.72	22.68	22.97			
3	16QAM	1	14	22.68	22.88	22.91	24	1	
3	16QAM	8	0	21.65	21.57	21.63			
3	16QAM	8	4	21.48	21.63	21.63			
3	16QAM	8	7	21.59	21.64	21.64	23	2	
3	16QAM	15	0	21.53	21.61	21.56			
3	64QAM	1	0	21.80	21.95	21.95			
3	64QAM	1	8	21.78	21.69	21.88	23	2	
3	64QAM	1	14	21.70	21.85	21.70			
3	64QAM	8	0	20.49	20.66	20.51			
3	64QAM	8	4	20.42	20.48	20.57	22	3	
3	64QAM	8	7	20.63	20.65	20.73			
3	64QAM	15	0	20.68	20.59	20.65			
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.69	23.72	23.84	25	0	
1.4	QPSK	1	3	23.51	23.71	23.45			
1.4	QPSK	1	5	23.57	23.77	23.66			
1.4	QPSK	3	0	23.71	23.80	23.85	24	1	
1.4	QPSK	3	1	23.63	23.68	23.45			
1.4	QPSK	3	3	23.69	23.70	23.73			
1.4	QPSK	6	0	22.58	22.61	22.65	24	1	
1.4	16QAM	1	0	22.73	22.91	22.88			
1.4	16QAM	1	3	22.64	22.59	23.00			
1.4	16QAM	1	5	22.66	22.86	22.84	24	1	
1.4	16QAM	3	0	22.73	22.86	22.87			
1.4	16QAM	3	1	22.64	22.71	23.01			
1.4	16QAM	3	3	22.59	22.88	22.86	23	2	
1.4	16QAM	6	0	21.57	21.64	21.67			
1.4	64QAM	1	0	21.92	21.93	21.87			
1.4	64QAM	1	3	21.82	21.73	21.92	23	2	
1.4	64QAM	1	5	21.80	21.92	21.80			
1.4	64QAM	3	0	21.49	21.75	21.69			
1.4	64QAM	3	1	21.53	21.69	21.70	23	2	
1.4	64QAM	3	3	21.98	21.99	21.97			
1.4	64QAM	6	0	20.60	20.59	20.77			

Band 5_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.63	23.66	23.64	25	0	
10	QPSK	1	25	23.49	23.44	23.50			
10	QPSK	1	49	23.47	23.61	23.57			
10	QPSK	25	0	22.55	22.83	22.59	24	1	
10	QPSK	25	12	22.54	22.49	22.50			
10	QPSK	25	25	22.55	22.56	22.47			
10	QPSK	50	0	22.56	22.80	22.52	24	1	
10	16QAM	1	0	22.85	23.05	22.80			
10	16QAM	1	25	22.71	22.81	23.01			
10	16QAM	1	49	22.88	22.87	22.93	24	1	
10	16QAM	25	0	21.57	21.47	21.80			
10	16QAM	25	12	21.62	21.42	21.64			
10	16QAM	25	25	21.61	21.48	21.62	23	2	
10	16QAM	50	0	21.61	21.46	21.61			
10	64QAM	1	0	21.75	21.87	21.80			
10	64QAM	1	25	21.76	21.80	21.66	23	2	
10	64QAM	1	49	21.62	21.59	21.94			
10	64QAM	25	0	20.50	20.53	20.61			
10	64QAM	25	12	20.49	20.46	20.48	22	3	
10	64QAM	25	25	20.52	20.58	20.52			
10	64QAM	50	0	20.51	20.51	20.61			
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.51	23.64	23.58	25	0	
5	QPSK	1	12	23.41	23.42	23.42			
5	QPSK	1	24	23.32	23.59	23.52			
5	QPSK	12	0	22.48	22.58	22.40	24	1	
5	QPSK	12	7	22.52	22.46	22.45			
5	QPSK	12	13	22.40	22.54	22.53			
5	QPSK	25	0	22.54	22.57	22.48	24	1	
5	16QAM	1	0	22.84	23.03	22.86			
5	16QAM	1	12	22.88	22.71	23.00	24	1	
5	16QAM	1	24	22.80	22.94	22.92			
5	16QAM	12	0	21.49	21.46	21.53	23	2	
5	16QAM	12	7	21.58	21.30	21.53			
5	16QAM	12	13	21.53	21.41	21.61			
5	16QAM	25	0	21.58	21.39	21.48	23	2	
5	64QAM	1	0	21.63	21.85	21.75			
5	64QAM	1	24	21.51	21.64	21.96			
5	64QAM	1	24	21.48	21.59	21.85	22	3	
5	64QAM	12	0	20.40	20.40	20.48			
5	64QAM	12	7	20.34	20.36	20.36			
5	64QAM	12	13	20.40	20.56	20.41	22	3	
5	64QAM	25	0	20.42	20.50	20.55			
Channel				20415	20525	20635			
Frequency (MHz)				824.5	834.5	844.5			
3	QPSK	1	0	23.45	23.64	23.41	25	0	
3	QPSK	1	8	23.35	23.41	23.41			
3	QPSK	1	14	23.44	23.53	23.48			
3	QPSK	8	0	22.53	22.81	22.42	24	1	
3	QPSK	8	4	22.43	22.44	22.40			
3	QPSK	8	7	22.41	22.52	22.40			
3	QPSK	15	0	22.54	22.56	22.44	24	1	
3	QPSK	15	8	22.36	22.53	22.73			
3	16QAM	1	0	22.70	22.78	22.59			
3	16QAM	1	14	22.77	22.83	22.83	23	2	
3	16QAM	8	0	21.53	21.37	21.46			
3	16QAM	8	4	21.57	21.39	21.53			
3	16QAM	8	7	21.53	21.37	21.56	23	2	
3	16QAM	15	0	21.59	21.36	21.67			
3	64QAM	1	0	21.63	21.78	21.78			
3	64QAM	1	8	21.65	21.53	21.55	23	2	
3	64QAM	1	14	21.55	21.61	21.88			
3	64QAM	8	0	20.49	20.41	20.50			
3	64QAM	8	4	20.36	20.44	20.36	22	3	
3	64QAM	8	7	20.49	20.47	20.40			
3	64QAM	15	0	20.43	20.42	20.48			
Channel				20407	20525	20643			
Frequency (MHz)				824.7	834.5	844.3			
1.4	QPSK	1	0	23.57	23.56	23.57	25	0	
1.4	QPSK	1	3	23.46	23.42	23.40			
1.4	QPSK	1	5	23.37	23.51	23.43			
1.4	QPSK	3	0	23.54	23.60	23.54	24	1	
1.4	QPSK	3	1	23.45	23.29	23.49			
1.4	QPSK	3	1	23.46	23.34	23.39			
1.4	QPSK	6	0	22.43	22.47	22.35	24	1	
1.4	16QAM	1	0	22.78	22.99	22.67			
1.4	16QAM	1	3	22.60	22.66	22.89			
1.4	16QAM	1	5	22.87	22.79	22.87	24	1	
1.4	16QAM	3	0	22.80	23.02	22.79			
1.4	16QAM	3	1	22.66	22.79	22.80			
1.4	16QAM	6	0	22.74	22.72	22.68	23	2	
1.4	16QAM	6	0	21.50	21.47	21.48			
1.4	64QAM	1	0	21.71	21.77	21.67			
1.4	64QAM	1	3	21.62	21.53	21.63	23	2	
1.4	64QAM	1	5	21.57	21.67	21.83			
1.4	64QAM	3	0	21.61	21.85	21.68			
1.4	64QAM	3	1	21.63	21.56	21.67	22	2	
1.4	64QAM	3	1	21.60	21.54	21.91			
1.4	64QAM	6	0	20.45	20.42	20.50			

Band 7_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350	22.5	0		
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	21.03	21.12	21.05				
20	QPSK	1	49	20.95	21.00	21.01				
20	QPSK	1	99	20.92	21.10	20.99	22.5	0		
20	QPSK	50	0	21.01	21.10	21.03				
20	QPSK	50	24	20.85	20.94	20.90				
20	QPSK	50	50	20.91	21.09	20.89				
20	QPSK	100	0	20.95	21.06	21.00	22.5	0		
20	16QAM	1	0	20.98	21.11	21.01				
20	16QAM	1	49	20.93	20.91	20.92				
20	16QAM	1	99	20.88	20.86	20.87				
20	16QAM	50	0	20.86	20.93	20.79	22.5	0		
20	16QAM	50	24	20.80	20.94	20.81				
20	16QAM	50	50	20.87	20.95	20.87				
20	16QAM	100	0	20.84	20.85	20.84				
20	64QAM	1	0	21.06	21.06	20.92	22.5	0		
20	64QAM	1	49	21.04	21.05	21.06				
20	64QAM	1	99	21.01	20.91	21.07				
20	64QAM	50	0	19.83	19.83	19.85				
20	64QAM	50	24	19.86	19.80	19.82	21.5	1		
20	64QAM	50	50	19.79	19.76	19.67				
20	64QAM	100	0	19.89	19.87	19.81				
Channel				20825	21100	21375	22.5	0		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	20.84	21.08	21.02				
15	QPSK	1	37	20.83	20.93	20.92				
15	QPSK	1	74	20.85	21.02	20.87	22.5	0		
15	QPSK	36	0	20.93	21.02	20.97				
15	QPSK	36	20	20.76	20.79	20.85				
15	QPSK	36	39	20.86	20.95	20.76				
15	QPSK	75	0	20.81	20.99	20.86	22.5	0		
15	16QAM	1	0	20.83	20.97	20.89				
15	16QAM	1	37	20.86	20.81	20.78				
15	16QAM	1	74	20.81	20.90	20.96				
15	16QAM	36	0	20.72	20.79	20.69	22.5	0		
15	16QAM	36	20	20.66	20.82	20.79				
15	16QAM	36	39	20.81	20.92	20.73				
15	16QAM	75	0	20.70	20.76	20.72				
15	64QAM	1	0	20.97	20.93	20.94	22.5	0		
15	64QAM	1	37	21.01	20.94	21.05				
15	64QAM	1	74	20.95	20.76	20.98				
15	64QAM	36	0	19.82	19.70	19.83				
15	64QAM	36	20	19.85	19.71	19.77	21.5	1		
15	64QAM	36	39	19.89	19.67	19.77				
15	64QAM	75	0	19.78	19.74	19.67				
Channel				20900	21100	21400	22.5	0		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	20.97	21.02	21.03				
10	QPSK	1	25	20.93	20.90	20.97				
10	QPSK	1	49	20.88	20.88	20.86	22.5	0		
10	QPSK	25	0	20.94	21.09	21.00				
10	QPSK	25	12	20.73	20.87	20.75				
10	QPSK	25	25	20.89	21.08	20.88				
10	QPSK	50	0	20.89	20.92	20.95	22.5	0		
10	16QAM	1	0	20.88	21.04	20.89				
10	16QAM	1	25	20.82	20.79	20.84				
10	16QAM	1	49	20.77	20.86	20.86				
10	16QAM	25	0	20.78	20.91	20.86	22.5	0		
10	16QAM	25	12	20.71	20.92	20.86				
10	16QAM	25	25	20.84	20.83	20.75				
10	16QAM	50	0	20.69	20.72	20.77				
10	64QAM	1	0	20.96	20.91	20.84	22.5	0		
10	64QAM	1	25	21.03	20.92	21.00				
10	64QAM	1	49	20.99	20.83	20.84				
10	64QAM	25	0	19.73	19.73	19.76				
10	64QAM	25	12	19.83	19.72	19.71	21.5	1		
10	64QAM	25	25	19.72	19.67	19.80				
10	64QAM	50	0	19.62	19.81	19.76				
Channel				20775	21100	21425	22.5	0		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	20.95	20.97	20.97				
5	QPSK	1	12	20.84	20.83	20.80				
5	QPSK	1	24	20.78	21.03	20.85	22.5	0		
5	QPSK	12	0	20.88	20.97	20.93				
5	QPSK	12	7	20.70	20.81	20.79				
5	QPSK	12	13	20.77	21.03	20.85				
5	QPSK	25	0	20.90	20.92	20.97	22.5	0		
5	16QAM	1	0	20.87	21.01	20.84				
5	16QAM	1	12	20.78	20.82	20.84				
5	16QAM	1	24	20.75	20.94	20.84				
5	16QAM	12	0	20.81	20.84	20.68	22.5	0		
5	16QAM	12	7	20.70	20.83	20.75				
5	16QAM	12	13	20.78	20.88	20.80				
5	16QAM	25	0	20.71	20.84	20.70				
5	64QAM	1	0	20.94	20.91	20.80	22.5	0		
5	64QAM	1	12	21.01	21.01	21.01				
5	64QAM	1	24	20.94	20.90	21.00				
5	64QAM	12	0	19.70	19.68	19.83				
5	64QAM	12	7	19.79	19.75	19.81	21.5	1		
5	64QAM	12	13	19.74	19.66	19.84				
5	64QAM	25	0	19.65	19.81	19.76				

Band 7_Ant 2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	17.65	17.66	17.55	18.5	0		
20	QPSK	1	49	17.42	17.61	17.45				
20	QPSK	1	99	17.57	17.50	17.48				
20	QPSK	50	0	17.61	17.62	17.51				
20	QPSK	50	24	17.41	17.45	17.33	18.5	0		
20	QPSK	50	50	17.56	17.60	17.33				
20	QPSK	100	0	17.52	17.60	17.45				
20	16QAM	1	0	17.50	17.51	17.51				
20	16QAM	1	49	17.39	17.52	17.36	18.5	0		
20	16QAM	1	99	17.55	17.33	17.35				
20	16QAM	50	0	17.44	17.42	17.49				
20	16QAM	50	24	17.37	17.52	17.20				
20	16QAM	50	50	17.57	17.56	17.37	18.5	0		
20	16QAM	100	0	17.51	17.53	17.45				
20	64QAM	1	0	17.50	17.43	17.41				
20	64QAM	1	49	17.42	17.51	17.34				
20	64QAM	1	99	17.53	17.30	17.28	18.5	0		
20	64QAM	50	0	17.46	17.46	17.55				
20	64QAM	50	24	17.30	17.30	17.29				
20	64QAM	50	50	17.47	17.53	17.35				
20	64QAM	100	0	17.44	17.52	17.47				
Channel				20825	21100	21375				
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	17.51	17.59	17.53	18.5	0		
15	QPSK	1	37	17.31	17.53	17.38				
15	QPSK	1	74	17.46	17.36	17.38				
15	QPSK	36	0	17.58	17.59	17.59				
15	QPSK	36	20	17.27	17.35	17.18	18.5	0		
15	QPSK	36	39	17.47	17.52	17.25				
15	QPSK	75	0	17.47	17.57	17.36				
15	16QAM	1	0	17.40	17.41	17.50				
15	16QAM	1	37	17.30	17.38	17.21	18.5	0		
15	16QAM	1	74	17.49	17.48	17.49				
15	16QAM	36	0	17.35	17.29	17.47				
15	16QAM	36	20	17.31	17.38	17.16				
15	16QAM	36	39	17.53	17.49	17.29	18.5	0		
15	16QAM	75	0	17.42	17.51	17.35				
15	64QAM	1	0	17.42	17.37	17.37				
15	64QAM	1	37	17.37	17.48	17.32				
15	64QAM	1	74	17.49	17.24	17.15	18.5	0		
15	64QAM	36	0	17.38	17.37	17.52				
15	64QAM	36	20	17.25	17.16	17.25				
15	64QAM	36	39	17.34	17.48	17.24				
15	64QAM	75	0	17.39	17.44	17.46				
Channel				20800	21100	21400				
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	17.50	17.58	17.51	18.5	0		
10	QPSK	1	25	17.40	17.48	17.38				
10	QPSK	1	49	17.48	17.46	17.42				
10	QPSK	25	0	17.48	17.49	17.55				
10	QPSK	25	12	17.32	17.33	17.32	18.5	0		
10	QPSK	25	25	17.47	17.48	17.31				
10	QPSK	50	0	17.48	17.45	17.37				
10	16QAM	1	0	17.49	17.48	17.52				
10	16QAM	1	25	17.29	17.37	17.29	18.5	0		
10	16QAM	1	49	17.52	17.22	17.21				
10	16QAM	25	0	17.42	17.38	17.38				
10	16QAM	25	12	17.24	17.43	17.09				
10	16QAM	25	25	17.50	17.43	17.28	18.5	0		
10	16QAM	50	0	17.46	17.44	17.32				
10	64QAM	1	0	17.47	17.49	17.37				
10	64QAM	1	25	17.34	17.36	17.22				
10	64QAM	1	49	17.51	17.18	17.20	18.5	0		
10	64QAM	25	0	17.33	17.45	17.46				
10	64QAM	25	12	17.15	17.19	17.19				
10	64QAM	25	25	17.32	17.42	17.23				
10	64QAM	40	0	17.41	17.46	17.35				
Channel				20175	21100	21425				
Frequency (MHz)				20922.5	21035	20977.5				
5	QPSK	1	0	17.62	17.54	17.54	18.5	0		
5	QPSK	1	12	17.32	17.56	17.44				
5	QPSK	1	24	17.45	17.40	17.34				
5	QPSK	12	0	17.42	17.54	17.55				
5	QPSK	12	7	17.33	17.38	17.22	18.5	0		
5	QPSK	12	13	17.43	17.42	17.25				
5	QPSK	12	19	17.44	17.39	17.38				
5	QPSK	12	25	17.44	17.48	17.38				
5	16QAM	1	0	17.46	17.37	17.37	18.5	0		
5	16QAM	1	12	17.33	17.31	17.21				
5	16QAM	1	24	17.49	17.22	17.22				
5	16QAM	12	0	17.29	17.31	17.40				
5	16QAM	12	7	17.29	17.46	17.07	18.5	0		
5	16QAM	12	13	17.41	17.42	17.23				
5	16QAM	25	0	17.37	17.51	17.44				
5	64QAM	1	0	17.36	17.35	17.38				
5	64QAM	1	12	17.40	17.42	17.20	18.5	0		
5	64QAM	1	24	17.44	17.21	17.19				
5	64QAM	12	0	17.37	17.31	17.48				
5	64QAM	12	7	17.41	17.39	17.18				
5	64QAM	12	13	17.43	17.44	17.24	18.5	0		
5	64QAM	25	0	17.39	17.39	17.35				

Band 12_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.43	23.50	23.45	24.5	0	
10	QPSK	1	25	23.22	23.39	23.29			
10	QPSK	1	49	23.41	23.47	23.22			
10	QPSK	25	0	22.26	22.30	22.26			
10	QPSK	25	12	22.21	22.20	22.22	23.5	1	
10	QPSK	25	25	22.24	22.28	22.22			
10	QPSK	50	0	22.23	22.27	22.24			
10	16QAM	1	0	22.52	22.37	22.60			
10	16QAM	1	25	22.42	22.32	22.35	23.5	1	
10	16QAM	1	49	22.86	22.55	22.81			
10	16QAM	25	0	21.24	21.19	21.20			
10	16QAM	25	12	21.14	21.26	21.18			
10	16QAM	25	25	21.18	21.38	21.25	22.5	2	
10	16QAM	50	0	21.17	21.24	21.23			
10	64QAM	1	0	21.25	21.36	21.22			
10	64QAM	1	25	21.53	21.35	21.40			
10	64QAM	1	49	21.50	21.39	21.30	22.5	2	
10	64QAM	25	0	20.19	20.28	20.21			
10	64QAM	25	12	20.25	20.21	20.31			
10	64QAM	25	25	20.27	20.37	20.23			
10	64QAM	50	0	20.29	20.25	20.23	21.5	3	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.38	23.37	23.38	24.5	0	
5	QPSK	1	12	23.08	23.29	23.15			
5	QPSK	1	24	23.31	23.38	23.19			
5	QPSK	12	0	22.26	22.28	22.21			
5	QPSK	12	7	22.07	22.19	22.07	23.5	1	
5	QPSK	12	13	22.12	22.23	22.16			
5	QPSK	25	0	22.17	22.24	22.16			
5	16QAM	1	0	22.37	22.28	22.56			
5	16QAM	1	12	22.37	22.17	22.33	23.5	1	
5	16QAM	1	24	22.59	22.45	22.59			
5	16QAM	12	0	21.14	21.04	21.11			
5	16QAM	12	7	21.02	21.14	21.14			
5	16QAM	12	13	21.09	21.25	21.13	22.5	2	
5	16QAM	25	0	21.06	21.19	21.16			
5	64QAM	1	0	21.13	21.29	21.08			
5	64QAM	1	12	21.38	21.31	21.25			
5	64QAM	1	24	21.47	21.29	21.34	22.5	2	
5	64QAM	12	0	20.11	20.23	20.19			
5	64QAM	12	7	20.19	20.13	20.27			
5	64QAM	12	13	20.20	20.28	20.16			
5	64QAM	25	0	20.20	20.22	20.08	21.5	3	
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	23.40	23.49	23.35	24.5	0	
3	QPSK	1	8	23.16	23.31	23.21			
3	QPSK	1	14	23.36	23.45	23.21			
3	QPSK	8	0	22.19	22.25	22.19			
3	QPSK	8	4	22.36	22.09	22.11	23.5	1	
3	QPSK	8	7	22.14	22.22	22.16			
3	QPSK	15	0	22.09	22.19	22.20			
3	16QAM	1	0	22.51	22.30	22.59			
3	16QAM	1	8	22.35	22.25	22.28	23.5	1	
3	16QAM	1	14	22.53	22.48	22.54			
3	16QAM	8	0	21.14	21.09	21.06			
3	16QAM	8	4	21.09	21.14	21.16			
3	16QAM	8	7	21.03	21.30	21.11	22.5	2	
3	16QAM	15	0	21.12	21.14	21.22			
3	64QAM	1	0	21.21	21.35	21.09			
3	64QAM	1	8	21.46	21.22	21.39			
3	64QAM	1	14	21.36	21.34	21.29	22.5	2	
3	64QAM	8	0	20.11	20.19	20.17			
3	64QAM	8	4	20.16	20.10	20.27			
3	64QAM	8	7	20.19	20.35	20.20			
3	64QAM	15	0	20.16	20.17	20.22	21.5	3	
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.32	23.45	23.37	24.5	0	
1.4	QPSK	1	3	23.16	23.26	23.17			
1.4	QPSK	1	5	23.38	23.40	23.21			
1.4	QPSK	3	0	23.39	23.42	23.42			
1.4	QPSK	3	1	23.20	23.28	23.17	23.5	1	
1.4	QPSK	3	3	23.36	23.40	23.09			
1.4	QPSK	6	0	22.20	22.18	22.20			
1.4	16QAM	1	0	22.45	22.28	22.55			
1.4	16QAM	1	3	22.30	22.26	22.30	23.5	1	
1.4	16QAM	1	5	22.59	22.51	22.46			
1.4	16QAM	3	0	22.46	22.25	22.46			
1.4	16QAM	3	1	22.33	22.26	22.26			
1.4	16QAM	3	3	22.62	22.48	22.46	22.5	2	
1.4	16QAM	6	0	21.11	21.11	21.10			
1.4	64QAM	1	0	21.19	21.27	21.19			
1.4	64QAM	1	3	21.42	21.21	21.29			
1.4	64QAM	1	5	21.43	21.30	21.25	22.5	2	
1.4	64QAM	3	0	21.13	21.32	21.14			
1.4	64QAM	3	1	21.38	21.20	21.27			
1.4	64QAM	3	3	21.36	21.35	21.24			
1.4	64QAM	6	0	20.22	20.22	20.19	21.5	3	

Band 12_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				23000	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.06	23.72	23.69	24.5	0	
10	QPSK	1	25	23.60	23.64	23.54			
10	QPSK	1	49	23.62	23.43	23.38			
10	QPSK	25	0	22.53	22.80	22.55			
10	QPSK	25	12	22.51	22.52	22.51	23.5	1	
10	QPSK	25	25	22.53	22.56	22.45			
10	QPSK	50	0	22.53	22.58	22.47			
10	16QAM	1	0	22.95	22.63	22.99			
10	16QAM	1	25	22.94	22.68	22.70	23.5	1	
10	16QAM	1	49	22.99	22.76	22.64			
10	16QAM	25	0	21.52	21.64	21.46			
10	16QAM	25	12	21.43	21.53	21.43	22.5	2	
10	16QAM	25	25	21.60	21.54	21.44			
10	16QAM	50	0	21.56	21.56	21.44			
10	64QAM	1	0	21.75	21.73	21.87			
10	64QAM	1	25	21.85	21.80	21.77	22.5	2	
10	64QAM	1	49	21.71	21.69	21.84			
10	64QAM	25	0	20.53	20.50	20.49			
10	64QAM	25	12	20.58	20.52	20.48			
10	64QAM	25	25	20.51	20.49	20.49	21.5	3	
10	64QAM	50	0	20.53	20.52	20.48			
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.55	23.70	23.57	24.5	0	
5	QPSK	1	12	23.49	23.55	23.49			
5	QPSK	1	24	23.54	23.34	23.28			
5	QPSK	12	0	22.53	22.51	22.50			
5	QPSK	12	7	22.49	22.49	22.37	23.5	1	
5	QPSK	12	13	22.48	22.51	22.51			
5	QPSK	25	0	22.48	22.52	22.42	23.5	1	
5	16QAM	1	0	22.87	22.57	22.87			
5	16QAM	1	12	22.87	22.61	22.80			
5	16QAM	1	24	22.95	22.68	22.52			
5	16QAM	12	0	21.46	21.58	21.41	22.5	2	
5	16QAM	12	7	21.40	21.50	21.30			
5	16QAM	12	13	21.54	21.43	21.29			
5	16QAM	25	0	21.44	21.42	21.37			
5	64QAM	1	0	21.71	21.71	21.81	22.5	2	
5	64QAM	1	12	21.81	21.68	21.74			
5	64QAM	1	24	21.66	21.65	21.71			
5	64QAM	12	0	20.39	20.36	20.40			
5	64QAM	12	7	20.55	20.46	20.35	21.5	3	
5	64QAM	12	13	20.48	20.39	20.48			
5	64QAM	25	0	20.44	20.39	20.42			
Channel				23025	23095	23165			
Frequency (MHz)				701.5	707.5	713.5			
3	QPSK	1	0	23.56	23.63	23.68	24.5	0	
3	QPSK	1	8	23.53	23.59	23.44			
3	QPSK	1	14	23.56	23.35	23.37			
3	QPSK	8	0	22.43	22.59	22.48			
3	QPSK	8	4	22.46	22.42	22.45	23.5	1	
3	QPSK	8	7	22.49	22.55	22.43			
3	16QAM	1	0	22.46	22.48	22.49	23.5	1	
3	16QAM	1	8	22.91	22.67	22.96			
3	16QAM	1	14	22.93	22.66	22.56			
3	16QAM	8	0	21.47	21.53	21.43			
3	16QAM	8	4	21.42	21.46	21.30	22.5	2	
3	16QAM	8	7	21.55	21.43	21.41			
3	16QAM	15	0	21.49	21.52	21.39			
3	64QAM	1	0	21.64	21.67	21.81			
3	64QAM	1	8	21.81	21.83	21.74	22.5	2	
3	64QAM	1	14	21.68	21.66	21.83			
3	64QAM	8	0	20.52	20.40	20.43			
3	64QAM	8	4	20.48	20.48	20.34			
3	64QAM	8	7	20.43	20.41	20.43	21.5	3	
3	64QAM	15	0	20.40	20.49	20.35			
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.56	23.60	23.67	24.5	0	
1.4	QPSK	1	3	23.67	23.60	23.40			
1.4	QPSK	1	5	23.51	23.41	23.25			
1.4	QPSK	3	0	23.65	23.66	23.67			
1.4	QPSK	3	1	23.55	23.42	23.37	23.5	1	
1.4	QPSK	3	12	23.57	23.42	23.28			
1.4	QPSK	6	0	22.39	22.47	22.43			
1.4	16QAM	1	0	22.93	22.51	22.88			
1.4	16QAM	1	3	22.80	22.55	22.61	23.5	1	
1.4	16QAM	1	5	22.87	22.64	22.62			
1.4	16QAM	3	0	22.69	22.48	22.63			
1.4	16QAM	3	1	22.91	22.59	22.63			
1.4	16QAM	3	3	22.85	22.62	22.56	22.5	2	
1.4	64QAM	1	0	21.52	21.51	21.37			
1.4	64QAM	1	0	21.70	21.69	21.79			
1.4	64QAM	3	3	21.74	21.82	21.67			
1.4	64QAM	1	5	21.59	21.56	21.82	22.5	2	
1.4	64QAM	3	1	21.70	21.65	21.78			
1.4	64QAM	3	3	21.70	21.81	21.72			
1.4	64QAM	3	3	21.63	21.54	21.73			
1.4	64QAM	6	0	20.52	20.45	20.44	21.5		

Band 66_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)		
Channel				130072	130322	130572				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	23.40	23.45	23.44	24.5	0		
20	QPSK	1	49	23.34	23.35	23.42				
20	QPSK	1	99	23.12	23.24	23.26				
20	QPSK	50	0	22.36	22.42	22.46	23.5	1		
20	QPSK	50	24	22.30	22.33	22.35				
20	QPSK	50	50	22.26	22.28	22.36				
20	QPSK	100	0	22.32	22.40	22.36	23.5	1		
20	16QAM	1	0	22.59	22.48	22.65				
20	16QAM	1	49	22.64	22.57	22.64				
20	16QAM	1	99	22.42	22.45	22.47	22.5	2		
20	16QAM	50	0	21.28	21.33	21.45				
20	16QAM	50	24	21.29	21.33	21.42				
20	16QAM	50	50	21.25	21.29	21.35	22.5	2		
20	16QAM	100	0	21.23	21.30	21.39				
20	64QAM	1	0	21.40	21.38	21.55				
20	64QAM	1	49	21.40	21.51	21.52	22.5	2		
20	64QAM	1	99	21.31	21.38	21.46				
20	64QAM	50	0	20.30	20.34	20.49				
20	64QAM	50	24	20.32	20.34	20.44	21.5	3		
20	64QAM	50	50	20.27	20.29	20.38				
20	64QAM	100	0	20.25	20.31	20.41				
Channel				130407	130622	130897	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1771.5	1745	1772.5				
15	QPSK	1	0	23.38	23.33	23.37	24.5	0		
15	QPSK	1	37	23.07	23.11	23.15				
15	QPSK	1	74	23.04	23.10	23.15				
15	QPSK	36	0	22.23	22.33	22.26	23.5	1		
15	QPSK	36	20	22.19	22.31	22.33				
15	QPSK	36	39	22.14	22.13	22.23				
15	QPSK	75	0	22.28	22.37	22.23	23.5	1		
15	16QAM	1	0	22.56	22.35	22.43				
15	16QAM	1	37	22.63	22.43	22.58				
15	16QAM	1	74	22.33	22.36	22.46	22.5	2		
15	16QAM	36	0	21.14	21.30	21.44				
15	16QAM	36	20	21.23	21.27	21.33				
15	16QAM	36	39	21.13	21.14	21.26	22.5	2		
15	16QAM	75	0	21.22	21.26	21.38				
15	64QAM	1	0	21.33	21.34	21.52				
15	64QAM	1	37	21.26	21.47	21.38	22.5	2		
15	64QAM	1	74	21.29	21.36	21.33				
15	64QAM	36	0	20.19	20.32	20.43				
15	64QAM	36	20	20.29	20.20	20.38	21.5	3		
15	64QAM	36	39	20.38	20.23	20.34				
15	64QAM	75	0	20.21	20.23	20.33				
Channel				130922	130922	130922	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1771.5	1745	1771.5				
10	QPSK	1	0	23.39	23.31	23.37	24.5	0		
10	QPSK	1	25	23.21	23.33	23.29				
10	QPSK	1	49	23.10	23.14	23.16				
10	QPSK	25	0	22.29	22.37	22.27	23.5	1		
10	QPSK	25	12	22.18	22.32	22.33				
10	QPSK	25	25	22.19	22.25	22.31				
10	QPSK	50	0	22.20	22.30	22.34	23.5	1		
10	16QAM	1	0	22.46	22.34	22.51				
10	16QAM	1	25	22.56	22.50	22.63				
10	16QAM	1	49	22.33	22.42	22.40	22.5	2		
10	16QAM	25	0	21.19	21.24	21.36				
10	16QAM	25	12	21.19	21.28	21.37				
10	16QAM	25	25	21.19	21.26	21.33	22.5	2		
10	16QAM	50	0	21.16	21.22	21.25				
10	64QAM	1	0	21.30	21.23	21.52				
10	64QAM	1	25	21.26	21.41	21.43	22.5	2		
10	64QAM	1	49	21.30	21.27	21.43				
10	64QAM	25	0	20.30	20.32	20.37				
10	64QAM	25	12	20.23	20.29	20.34	21.5	3		
10	64QAM	25	25	20.15	20.21	20.25				
10	64QAM	50	0	20.14	20.28	20.37				
Channel				131997	132022	130647	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1772.5	1745	1777.5				
5	QPSK	1	0	23.35	23.39	23.32	24.5	0		
5	QPSK	1	12	23.29	23.27	23.36				
5	QPSK	1	24	23.00	23.12	23.11				
5	QPSK	12	0	22.24	22.33	22.26	23.5	1		
5	QPSK	12	7	22.21	22.31	22.26				
5	QPSK	12	13	22.11	22.18	22.25				
5	QPSK	25	0	22.17	22.32	22.23	23.5	1		
5	16QAM	1	0	22.54	22.35	22.61				
5	16QAM	1	12	22.59	22.44	22.58				
5	16QAM	1	24	22.37	22.42	22.40	22.5	2		
5	16QAM	12	0	21.25	21.29	21.44				
5	16QAM	12	7	21.24	21.19	21.28				
5	16QAM	12	13	21.24	21.21	21.29	22.5	2		
5	16QAM	25	0	21.21	21.27	21.24				
5	64QAM	1	0	21.26	21.34	21.49				
5	64QAM	1	12	21.27	21.36	21.45	22.5	2		
5	64QAM	1	24	21.20	21.27	21.32				
5	64QAM	12	0	20.20	20.25	20.35				
5	64QAM	12	7	20.29	20.27	20.29	21.5	3		
5	64QAM	12	13	20.21	20.28	20.32				
5	64QAM	25	0	20.10	20.21	20.26				
Channel				131997	132022	130647	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1771.5	1745	1777.5				
3	QPSK	1	0	23.27	23.41	23.40	24.5	0		
3	QPSK	1	8	23.32	23.20	23.36				
3	QPSK	1	14	22.99	23.17	23.22				
3	QPSK	8	0	22.31	22.32	22.34	23.5	1		
3	QPSK	8	4	22.18	22.29	22.34				
3	QPSK	8	7	22.14	22.25	22.31				
3	QPSK	15	0	22.20	22.31	22.27	23.5	1		
3	16QAM	1	0	22.48	22.45	22.54				
3	16QAM	1	8	22.49	22.48	22.51				
3	16QAM	1	14	22.40	22.37	22.46	22.5	2		
3	16QAM	8	0	21.22	21.19	21.39				
3	16QAM	8	4	21.14	21.22	21.37				
3	16QAM	8	7	21.15	21.18	21.32	22.5	2		
3	16QAM	15	0	21.14	21.18	21.33				
3	64QAM	1	0	21.32	21.24	21.49				
3	64QAM	1	8	21.26	21.45	21.43	22.5	2		
3	64QAM	1	14	21.16	21.31	21.45				
3	64QAM	8	0	20.29	20.33	20.47				
3	64QAM	8	4	20.24	20.30	20.33	21.5	3		
3	64QAM	8	7	20.24	20.19	20.33				
3	64QAM	15	0	20.18	20.25	20.36				
Channel				131979	132022	130605	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1770.7	1743	1773.3				
1.4	QPSK	3	0	23.53	23.54	23.56	24.5	0		
1.4	QPSK	3	1	23.27	23.35	23.38				
1.4	QPSK	3	5	23.04	23.11	23.19				
1.4	QPSK	3	0	23.37	23.41	23.38	23.5	1		
1.4	QPSK	3	1	23.26	23.30	23.30				
1.4	QPSK	3	3	23.07	23.19	23.22				
1.4	QPSK	6	0	22.27	22.32	22.28	23.5	1		
1.4	16QAM	1	0	22.52	22.45	22.63				
1.4	16QAM	1	3	22.68	22.47	22.58				
1.4	16QAM	1	5	22.30	22.44	22.35	23.5	1		
1.4	16QAM	3	0	22.47	22.41	22.66				
1.4	16QAM	3	1	22.60	22.56	22.50				
1.4	16QAM	3	2	22.36	22.42	22.42	22.5	2		
1.4	16QAM	6	0	21.21	21.18	21.38				
1.4	16QAM	6	1	21.29	21.37	21.42				
1.4	64QAM	1	5	21.19	21.29	21.36	22.5	2		
1.4	64QAM	3	0	21.29	21.37	21.53				
1.4	64QAM	3	1	21.26	21.38	21.52				
1.4	64QAM	3	2	21.23	21.30	21.32	21.5	3		
1.4	64QAM	6	0	20.14	20.26	20.31				

LTE Band 71_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				133222	133297	133372	24.5	0	
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.38	23.41	23.24	23.5	1	
20	QPSK	1	48	23.21	23.24	23.20			
20	QPSK	1	96	23.16	23.22	23.22			
20	QPSK	50	0	22.29	22.29	22.25	23.5	1	
20	QPSK	50	24	22.29	22.29	22.25			
20	QPSK	50	50	22.33	22.23	22.24			
20	QPSK	100	0	22.31	22.34	22.26	23.5	1	
20	16QAM	1	0	22.53	22.52	22.53			
20	16QAM	1	48	22.48	22.44	22.48			
20	16QAM	1	96	22.49	22.54	22.56	22.5	2	
20	16QAM	50	0	21.36	21.21	21.21			
20	16QAM	50	24	21.27	21.26	21.27			
20	16QAM	50	50	21.34	21.29	21.25	22.5	2	
20	16QAM	100	0	21.35	21.22	21.25			
20	64QAM	1	0	21.42	21.44	21.46			
20	64QAM	1	48	21.34	21.45	21.35	22.5	2	
20	64QAM	1	96	21.40	21.49	21.51			
20	64QAM	50	0	20.34	20.23	20.22			
20	64QAM	50	24	20.28	20.31	20.29	21.5	3	
20	64QAM	50	50	20.35	20.31	20.27			
20	64QAM	100	0	20.36	20.26	20.24			
Channel				133197	133297	133397	24.5	0	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.39	23.31	23.96	23.5	1	
15	QPSK	1	37	23.12	23.06	23.10			
15	QPSK	1	74	23.11	22.99	23.13			
15	QPSK	36	0	22.26	22.22	22.14	23.5	1	
15	QPSK	36	20	22.07	22.04	22.06			
15	QPSK	36	36	22.20	22.05	22.15			
15	QPSK	75	0	22.22	22.16	22.09	23.5	1	
15	16QAM	1	0	22.36	22.46	22.44			
15	16QAM	1	37	22.36	22.20	22.24			
15	16QAM	1	74	22.39	22.34	22.45	22.5	2	
15	16QAM	36	0	21.12	20.97	21.14			
15	16QAM	36	20	21.06	21.21	21.21			
15	16QAM	36	36	21.09	21.16	21.04	22.5	2	
15	16QAM	75	0	21.29	21.06	21.06			
15	64QAM	1	0	21.22	21.27	21.22			
15	64QAM	1	37	21.19	21.36	21.24	22.5	2	
15	64QAM	1	74	21.30	21.28	21.44			
15	64QAM	36	0	20.15	20.16	20.00			
15	64QAM	36	20	20.17	20.25	20.24	21.5	3	
15	64QAM	36	36	20.24	20.25	20.10			
15	64QAM	75	0	20.27	20.14	20.08			
Channel				133172	133297	133423	24.5	0	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	0	23.28	23.16	23.17	23.5	1	
10	QPSK	1	25	23.03	23.18	23.07			
10	QPSK	1	48	22.88	23.00	23.08			
10	QPSK	25	0	22.30	22.15	22.16	23.5	1	
10	QPSK	25	12	22.21	22.07	22.06			
10	QPSK	25	25	22.18	21.96	21.99			
10	QPSK	50	0	22.25	22.19	22.02	23.5	1	
10	16QAM	1	0	22.37	22.43	22.41			
10	16QAM	1	25	22.36	22.31	22.28			
10	16QAM	1	48	22.39	22.31	22.48	22.5	2	
10	16QAM	25	0	21.16	21.05	21.03			
10	16QAM	25	12	21.14	21.20	21.19			
10	16QAM	25	25	21.13	21.22	21.10	22.5	2	
10	16QAM	50	0	21.29	21.03	21.06			
10	64QAM	1	0	21.35	21.32	21.34			
10	64QAM	1	25	21.19	21.38	21.12	21.5	3	
10	64QAM	1	48	21.33	21.26	21.43			
10	64QAM	25	0	20.20	20.18	20.11			
10	64QAM	25	12	20.03	20.10	20.21	21.5	3	
10	64QAM	25	25	20.24	20.19	20.08			
10	64QAM	50	0	20.21	20.16	20.06			
Channel				133147	133297	133447	24.5	0	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	23.27	23.35	23.10	23.5	1	
5	QPSK	1	12	23.04	23.09	23.00			
5	QPSK	1	24	23.03	23.09	23.02			
5	QPSK	12	0	22.22	22.30	22.09	23.5	1	
5	QPSK	12	7	22.21	22.20	22.09			
5	QPSK	12	13	22.12	22.11	22.07			
5	QPSK	25	0	22.26	22.12	22.07	23.5	1	
5	16QAM	1	0	22.34	22.33	22.36			
5	16QAM	1	12	22.30	22.36	22.43			
5	16QAM	1	24	22.29	22.36	22.42	22.5	2	
5	16QAM	12	0	21.29	20.98	21.18			
5	16QAM	12	7	21.07	21.18	21.18			
5	16QAM	12	13	21.26	21.16	21.01	22.5	2	
5	16QAM	25	0	21.15	21.05	21.09			
5	64QAM	1	0	21.24	21.20	21.33			
5	64QAM	1	12	21.20	21.30	21.17	22.5	2	
5	64QAM	1	24	21.31	21.29	21.38			
5	64QAM	12	0	20.10	20.17	20.13			
5	64QAM	12	7	20.15	20.18	20.10	21.5	3	
5	64QAM	12	13	20.20	20.06	20.22			
5	64QAM	25	0	20.19	20.16	20.08			

LTE Band 71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.62	23.69	23.95	24.5	0	
20	QPSK	1	48	23.49	23.50	23.53			
20	QPSK	1	96	23.58	23.59	23.47			
20	QPSK	50	0	22.85	22.71	22.57	23.5	1	
20	QPSK	50	24	22.64	22.63	22.53			
20	QPSK	50	50	22.61	22.64	22.55			
20	QPSK	100	0	22.61	22.69	22.63	23.5		
20	16QAM	1	0	22.85	22.92	22.94			
20	16QAM	1	48	22.82	22.88	22.74			
20	16QAM	1	96	22.77	22.78	22.69	22.5		
20	16QAM	50	0	21.75	21.60	21.52			
20	16QAM	50	24	21.63	21.59	21.59			
20	16QAM	50	50	21.65	21.62	21.54	22.5	2	
20	16QAM	100	0	21.65	21.57	21.52			
20	64QAM	1	0	21.69	21.73	21.73			
20	64QAM	1	48	21.67	21.71	21.68	22.5	2	
20	64QAM	1	96	21.63	21.72	21.62			
20	64QAM	50	0	20.68	20.62	20.51			
20	64QAM	50	24	20.66	20.64	20.61	21.5	3	
20	64QAM	50	50	20.69	20.64	20.58			
20	64QAM	100	0	20.64	20.64	20.55			
Channel				133197	133297	133397			
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.51	23.45	23.48	24.5	0	
15	QPSK	1	37	23.36	23.33	23.46			
15	QPSK	1	74	23.50	23.51	23.43			
15	QPSK	36	0	22.50	22.54	22.52	23.5	1	
15	QPSK	36	20	22.48	22.45	22.30			
15	QPSK	36	39	22.44	22.54	22.41			
15	QPSK	75	0	22.43	22.60	22.42	22.5	1	
15	16QAM	1	0	22.64	22.79	22.79			
15	16QAM	1	37	22.76	22.69	22.60			
15	16QAM	1	74	22.50	22.62	22.48	22.5	2	
15	16QAM	36	0	21.57	21.49	21.35			
15	16QAM	36	20	21.45	21.54	21.47			
15	16QAM	36	39	21.51	21.56	21.41	22.5	2	
15	16QAM	75	0	21.48	21.62	21.30			
15	64QAM	1	0	21.53	21.62	21.51			
15	64QAM	1	37	21.42	21.61	21.43	22.5	2	
15	64QAM	1	74	21.54	21.63	21.51			
15	64QAM	36	0	20.44	20.37	20.21			
15	64QAM	36	20	20.50	20.44	20.50	21.5	3	
15	64QAM	36	39	20.53	20.43	20.39			
15	64QAM	75	0	20.52	20.41	20.35			
Channel				133172	133297	133422			
Frequency (MHz)				669.5	680.5	691.5			
10	QPSK	1	0	23.36	23.47	23.48	24.5	0	
10	QPSK	1	23	23.27	23.32	23.42			
10	QPSK	1	46	23.34	23.51	23.27			
10	QPSK	25	0	22.51	22.63	22.40	23.5	1	
10	QPSK	25	12	22.48	22.41	22.46			
10	QPSK	25	25	22.36	22.55	22.35			
10	QPSK	50	0	22.70	22.47	22.44	23.5	1	
10	16QAM	1	0	22.79	22.69	22.77			
10	16QAM	1	23	22.73	22.70	22.57			
10	16QAM	1	46	22.53	22.64	22.48	22.5	2	
10	16QAM	25	0	21.52	21.53	21.38			
10	16QAM	25	12	21.43	21.36	21.31			
10	16QAM	25	25	21.53	21.54	21.40	22.5	2	
10	16QAM	50	0	21.59	21.56	21.32			
10	64QAM	1	0	21.55	21.58	21.62			
10	64QAM	1	23	21.73	21.64	21.50	22.5	2	
10	64QAM	1	46	21.49	21.51	21.55			
10	64QAM	25	0	20.54	20.59	20.35			
10	64QAM	25	12	20.41	20.42	20.59	21.5	3	
10	64QAM	25	25	20.55	20.50	20.44			
10	64QAM	50	0	20.54	20.50	20.49			
Channel				133147	133297	133447			
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	23.53	23.58	23.34	24.5	0	
5	QPSK	1	12	23.43	23.45	23.48			
5	QPSK	1	24	23.43	23.43	23.39			
5	QPSK	12	0	22.63	22.51	22.36	23.5	1	
5	QPSK	12	7	22.44	22.47	22.34			
5	QPSK	12	13	22.41	22.63	22.44			
5	QPSK	12	19	22.47	22.62	22.39	22.5	1	
5	16QAM	1	0	22.76	22.76	22.60			
5	16QAM	1	12	22.68	22.78	22.62			
5	16QAM	1	24	22.71	22.54	22.47	22.5	2	
5	16QAM	12	0	21.50	21.46	21.47			
5	16QAM	12	7	21.46	21.53	21.47			
5	16QAM	12	13	21.40	21.56	21.43	22.5	2	
5	16QAM	12	19	21.45	21.48	21.39			
5	64QAM	1	0	21.60	21.59	21.50			
5	64QAM	1	12	21.74	21.46	21.52			
5	64QAM	1	24	21.51	21.56	21.46			
5	64QAM	12	0	20.63	20.47	20.35	21.5	3	
5	64QAM	12	7	20.58	20.50	20.39			
5	64QAM	12	13	20.44	20.58	20.39			
5	64QAM	25	0	20.57	20.08	20.47			

Band 41_Ant 1												
BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch (F/MHz)	Power Low-Mid Ch (F/MHz)	Power Mid-High Ch (F/MHz)	Power High Ch (F/MHz)	Power Mid-High Ch (F/MHz)	Turn-on time (s)	APRS (dB)		
Channel												
				36750	40165	40600	41005	41400				
20	QPSK	1	5	21.85	21.85	22.43	22.43	22.43	23.5	0		
20	QPSK	1	49	21.85	21.88	22.28	21.88	22.37	23.5	0		
20	QPSK	1	99	21.88	21.85	22.33	22.01	22.35	23.5	0		
20	QPSK	50	5	21.87	21.86	22.35	22.04	22.35	23.5	0		
20	QPSK	50	24	21.86	21.85	22.31	22.01	22.25	23.5	0		
20	QPSK	100	5	21.86	21.86	22.38	21.87	22.25	23.5	0		
20	QPSK	100	1	21.88	21.86	22.38	21.87	22.28	23.5	0		
20	QPSK	100	5	20.91	20.90	21.28	20.91	21.28	22.5	1		
20	QPSK	100	5	21.77	21.70	22.10	21.77	22.04	22.5	1		
20	QPSK	50	5	21.83	21.83	21.40	20.95	21.43	22.5	1		
20	QPSK	50	24	21.80	20.97	21.41	20.98	21.43	22.5	1		
20	QPSK	100	5	20.97	20.92	21.26	20.97	21.26	21.5	2		
20	QPSK	100	24	20.76	20.66	21.08	20.70	21.17	22.5	1		
20	QPSK	100	36	21.80	21.74	21.13	20.74	21.24	22.5	1		
20	QPSK	50	5	20.87	20.82	21.16	20.87	21.16	21.5	2		
20	QPSK	50	24	19.95	19.96	20.41	19.95	20.40	21.5	2		
20	QPSK	100	5	20.06	20.05	20.49	19.98	20.48	21.5	2		
20	QPSK	100	24	19.93	19.94	20.39	19.93	20.39	21.5	2		
				36725	40172.5	40600	41007.5	41515	Turn-on time (s)	APRS (dB)		
Channel												
				2501	2547	2593	2639	2685	Turn-on time (s)	APRS (dB)		
15	QPSK	1	5	21.87	21.85	22.37	21.86	22.28	23.5	0		
15	QPSK	1	37	21.71	21.68	22.17	21.85	22.25	23.5	0		
15	QPSK	1	74	21.85	21.81	22.20	22.00	22.28	23.5	0		
15	QPSK	36	5	21.85	21.86	22.20	21.87	22.28	23.5	0		
15	QPSK	36	20	21.82	21.80	22.31	21.85	22.32	23.5	0		
15	QPSK	36	30	21.80	21.77	22.18	21.89	22.29	23.5	0		
15	QPSK	75	5	21.75	21.82	22.06	21.86	22.15	23.5	0		
15	QPSK	75	1	21.86	21.84	22.24	21.85	22.25	23.5	0		
15	QPSK	1	37	21.84	21.88	22.25	21.84	22.24	23.5	0		
15	QPSK	1	74	21.85	21.86	22.20	21.87	22.28	23.5	0		
15	QPSK	36	5	20.83	20.74	21.20	20.77	21.14	22.5	1		
15	QPSK	36	20	20.93	20.94	21.37	20.94	21.43	22.5	1		
15	QPSK	36	24	20.84	20.86	21.25	20.85	21.24	22.5	1		
15	QPSK	75	5	20.86	20.89	21.28	20.82	21.21	22.5	1		
15	QPSK	1	5	20.72	20.70	21.07	20.63	21.18	22.5	1		
15	QPSK	1	37	20.84	20.81	20.86	20.81	21.37	22.5	1		
15	QPSK	1	74	20.83	20.88	21.10	20.69	21.19	22.5	1		
15	QPSK	36	5	19.86	19.83	20.18	19.75	20.31	21.5	2		
15	QPSK	36	20	19.93	19.82	20.26	19.86	20.30	21.5	2		
15	QPSK	36	24	20.04	20.01	20.25	19.86	20.38	21.5	2		
15	QPSK	75	5	19.80	19.86	20.31	19.82	20.26	21.5	2		
				36750	40160	40600	41005	41540	Turn-on time (s)	APRS (dB)		
Channel												
				2501	2547	2593	2639	2685	Turn-on time (s)	APRS (dB)		
10	QPSK	1	5	21.85	21.88	22.28	22.25	22.34	23.5	0		
10	QPSK	1	25	21.78	21.83	22.16	21.84	22.24	23.5	0		
10	QPSK	1	49	21.86	21.91	22.31	21.94	22.25	23.5	0		
10	QPSK	25	5	21.86	21.88	22.38	21.88	22.28	23.5	0		
10	QPSK	25	12	21.78	21.77	22.26	21.86	22.35	23.5	0		
10	QPSK	50	5	21.85	21.87	22.35	21.85	22.25	23.5	0		
10	QPSK	50	5	21.86	21.85	22.29	21.88	22.18	23.5	0		
10	QPSK	100	5	21.83	21.80	22.33	21.89	22.16	23.5	0		
10	QPSK	100	1	21.82	21.85	22.28	21.85	22.15	23.5	0		
10	QPSK	1	49	21.83	21.86	22.24	21.84	22.15	23.5	0		
10	QPSK	25	12	20.89	20.88	21.28	20.90	21.35	22.5	1		
10	QPSK	25	25	20.99	20.91	21.34	20.84	21.38	22.5	1		
10	QPSK	50	5	20.86	20.87	21.20	20.85	21.34	22.5	1		
10	QPSK	100	1	20.88	20.80	21.07	20.84	21.09	22.5	1		
10	QPSK	1	25	20.85	20.87	21.04	20.80	21.09	22.5	1		
10	QPSK	1	49	20.72	20.68	21.07	20.65	21.09	22.5	1		
10	QPSK	25	5	19.82	19.83	20.29	19.80	20.35	21.5	2		
10	QPSK	25	12	19.88	19.88	20.28	19.88	20.35	21.5	2		
10	QPSK	25	26	19.99	19.96	20.30	19.89	20.38	21.5	2		
10	QPSK	50	5	19.85	19.85	20.28	19.78	20.41	21.5	2		
10	QPSK	100	1	20.72	20.62	21.05	20.66	21.11	22.5	1		
10	QPSK	1	25	20.80	20.69	21.12	20.64	21.20	22.5	1		
10	QPSK	1	49	20.77	20.67	21.04	20.64	21.19	22.5	1		
10	QPSK	12	7	19.81	19.87	20.32	19.84	20.30	21.5	2		
10	QPSK	12	13	19.89	19.86	20.34	19.81	20.27	21.5	2		
10	QPSK	25	5	19.83	19.86	20.35	19.85	20.37	21.5	2		

Band 41_Ant 2													
BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch / Freq	Power Low-Mid Ch / Freq	Power Mid-High Ch / Freq	Power High Ch / Freq	Power Low Ch / Freq	Power Low-Mid Ch / Freq	Power Mid-High Ch / Freq	Power High Ch / Freq	Turn-on time (s)	APRS (dB)
Channel													
				36750	40165	40600	41005	41400					
20	QPSK	1	5	20.24	20.16	20.28	20.24	20.37	21	0			
20	QPSK	1	49	20.14	20.06	20.17	20.17	20.12	21	0			
20	QPSK	1	99	20.25	20.09	20.14	20.21	20.25	21	0			
20	QPSK	50	5	20.25	20.13	20.26	20.22	20.21	21	0			
20	QPSK	50	24	20.15	20.08	20.17	20.12	20.18	21	0			
20	QPSK	50	36	20.20	20.09	20.18	20.10	20.16	21	0			
20	QPSK	100	5	20.17	20.16	20.23	20.18	20.20	21	0			
20	QPSK	100	1	20.15	20.05	20.15	20.14	20.21	21	0			
20	QPSK	100	5	20.17	20.12	20.19	20.09	20.18	21	0			
20	QPSK	50	24	20.11	19.98	20.13	19.97	20.12	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK	100	1	20.14	19.94	20.04	20.01	20.06	21	0			
20	QPSK	100	5	20.17	20.05	20.15	20.09	20.18	21	0			
20	QPSK	50	24	20.11	20.02	20.10	19.97	20.05	21	0			
20	QPSK	50	36	20.09	20.07	20.15	20.06	20.06	21	0			
20	QPSK	100	5	20.07	19.96	20.11	20.02	20.05	21	0			
20	QPSK												

Part 96_Band 48_Ant 1										Part 96_Band 48_Ant 3										Part 96_Band 48_Ant 5										Part 96_Band 48_Ant 7									
BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch / Freq.	Power Low Mid Ch / Freq.	Power Low High Ch / Freq.	Power High Ch / Freq.	Time-up (min)	APRS (dB)	BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch / Freq.	Power Low Mid Ch / Freq.	Power Low High Ch / Freq.	Power High Ch / Freq.	Time-up (min)	APRS (dB)	BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch / Freq.	Power Low Mid Ch / Freq.	Power Low High Ch / Freq.	Power High Ch / Freq.	Time-up (min)	APRS (dB)	BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch / Freq.	Power Low Mid Ch / Freq.	Power Low High Ch / Freq.	Power High Ch / Freq.	Time-up (min)	APRS (dB)
Channel										Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
20	QPSK	1	0	22.51	22.36	22.45	22.42			20	QPSK	1	0	22.58	22.45	22.55	22.45			20	QPSK	1	0	18.55	18.48	18.70	18.65			20	QPSK	1	0	18.88	18.82	18.78	18.75		
20	QPSK	1	48	22.49	22.37	22.41	22.41	23	0	20	QPSK	1	48	22.49	22.39	22.50	22.52			20	QPSK	1	48	18.80	18.83	18.79	18.80	19.5	0	20	QPSK	1	48	18.81	18.87	18.87	18.72		
20	QPSK	1	96	22.41	22.31	22.37	22.48			20	QPSK	1	96	22.51	22.38	22.50	22.50			20	QPSK	1	96	18.91	18.85	18.80	18.82			20	QPSK	1	96	18.91	18.81	18.83	18.73		
20	QPSK	50	0	21.58	21.52	21.52	21.49			20	QPSK	50	0	21.57	21.42	21.42	21.42			20	QPSK	50	0	18.89	18.84	18.84	18.81			20	QPSK	50	0	18.84	18.85	18.79	18.72		
20	QPSK	50	24	21.48	21.51	21.50	21.55	22	1	20	QPSK	50	24	21.43	21.27	21.41	21.37			20	QPSK	50	24	18.87	18.81	18.82	18.83	19.5	0	20	QPSK	50	24	18.78	18.87	18.85	18.83	20.5	0
20	QPSK	100	0	21.44	21.54	21.48	21.46			20	QPSK	100	0	21.48	21.37	21.42	21.32			20	QPSK	100	0	18.84	18.87	18.82	18.80			20	QPSK	100	0	18.82	18.82	18.82	18.75		
20	QPSK	100	0	21.58	21.42	21.50	21.48			20	QPSK	100	0	21.55	21.31	21.44	21.38			20	QPSK	100	0	18.83	18.81	18.80	18.83			20	QPSK	100	0	18.83	18.82	18.83	18.78		
20	QPSK	1	0	21.49	21.58	21.53	21.57	22	1	20	QPSK	1	0	21.53	21.32	21.47	21.39			20	QPSK	1	0	18.87	18.80	18.82	18.83	19.5	0	20	QPSK	1	0	18.85	18.85	18.86	18.75		
20	QPSK	1	48	21.44	21.54	21.48	21.46			20	QPSK	1	48	21.48	21.38	21.44	21.35			20	QPSK	1	48	18.84	18.75	18.77	18.83	19.5	0	20	QPSK	1	48	18.77	18.85	18.82	18.80		
20	QPSK	1	96	21.48	21.48	21.51	21.48			20	QPSK	1	96	21.36	21.28	21.44	21.38			20	QPSK	1	96	18.79	18.77	18.74	18.80	19.5	0	20	QPSK	1	96	18.85	18.86	18.89	18.82		
20	QPSK	50	0	20.47	20.58	20.50	20.50	21	2	20	QPSK	50	0	20.56	20.38	20.53	20.43			20	QPSK	50	0	18.87	18.85	18.76	18.81			20	QPSK	50	0	18.72	18.83	18.84	18.80		
20	QPSK	50	24	20.37	20.53	20.37	20.40			20	QPSK	50	24	20.44	20.32	20.44	20.36			20	QPSK	50	24	18.80	18.85	18.71	18.72			20	QPSK	50	24	18.70	18.85	18.88	18.80		
20	QPSK	100	0	20.37	20.54	20.35	20.36			20	QPSK	100	0	20.44	20.29	20.52	20.30			20	QPSK	100	0	18.80	18.79	18.72	18.74			20	QPSK	100	0	18.84	18.79	18.82	18.80		
20	QPSK	100	0	20.51	20.30	20.52	20.39			20	QPSK	100	0	20.54	20.27	20.40	20.30			20	QPSK	100	0	18.82	18.80	18.84	18.79			20	QPSK	100	0	18.84	18.37	18.42	18.30		
20	QPSK	1	96	20.36	20.51	20.52	20.39	21	2	20	QPSK	1	96	20.46	20.25	20.50	20.31			20	QPSK	1	96	18.85	18.71	18.84	18.76			20	QPSK	1	96	18.82	18.37	18.49	18.38		
20	QPSK	1	48	20.34	20.54	20.47	20.40			20	QPSK	1	48	20.46	20.33	20.52	20.42			20	QPSK	1	48	18.80	18.70	18.70	18.70			20	QPSK	1	48	18.84	18.37	18.42	18.30		
20	QPSK	50	0	19.42	19.52	19.38	19.40			20	QPSK	50	0	19.50	19.44	19.38	19.40			20	QPSK	50	0	18.76	18.92	18.72	18.83			20	QPSK	50	0	18.72	18.46	18.58	18.50		
20	QPSK	50	24	19.37	19.51	19.42	19.39			20	QPSK	50	24	19.58	19.41	19.48	19.38			20	QPSK	50	24	18.84	18.87	18.77	18.81			20	QPSK	50	24	18.84	18.38	18.48	18.40		
20	QPSK	100	0	19.34	19.50	19.42	19.39			20	QPSK	100	0	19.34	19.40	19.40	19.37			20	QPSK	100	0	18.80	18.82	18.72	18.81			20	QPSK	100	0	18.80	18.30	18.47	18.30		
Channel										Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
15	QPSK	1	0	22.47	22.36	22.38	22.38			15	QPSK	1	0	22.48	22.19	22.45	22.43			15	QPSK	1	0	18.73	18.68	18.70	18.70			15	QPSK	1	0	18.83	18.88	18.78	18.83		
15	QPSK	1	48	22.43	22.18	22.28	22.27	23	0	15	QPSK	1	48	22.48	22.17	22.48	22.28			15	QPSK	1	48	18.81	18.88	18.84	18.87	19.5	0	15	QPSK	1	48	18.87	18.83	18.89	18.75		
15	QPSK	1	96	22.42	22.18	22.28	22.28			15	QPSK	1	96	22.48	22.18	22.48	22.28			15	QPSK	1	96	18.80	18.84	18.76	18.83			15	QPSK	1	96	18.80	18.84	18.85	18.80		
15	QPSK	50	0	21.34	21.34	21.41	21.39	22	1	15	QPSK	50	0	21.38	20.99	21.38	21.28			15	QPSK	50	0	18.82	18.82	18.72	18.74			15	QPSK	50	0	18.80	18.85	18.85	18.80		
15	QPSK	50	24	21.33	21.31	21.27	21.27			15	QPSK	50	24	21.46	21.13	21.27	21.24			15	QPSK	50	24	18.83	18.85	18.71	18.80			15	QPSK	50	24	18.74	18.40	18.50	18.46		
15	QPSK	100	0	21.43	21.39	21.39	21.44			15	QPSK	100	0	21.50	21.11	21.38	21.14			15	QPSK	100	0	18.74	18.86	18.77	18.70			15	QPSK	100	0	18.80	18.40	18.50	18.46		
15	QPSK	1	96	21.24	21.38	21.28	21.23	22	1	15	QPSK	1	96	21.42	21.19	21.39	21.18			15	QPSK	1	96	18.82	18.85	18.55	18.70			15	QPSK	1	96	18.87	18.53	18.49	18.68		
15	QPSK	50	0	20.42	20.43	20.42	20.46			15	QPSK	50	0	20.47	20.18	20.45	20.43			15	QPSK	50	0	18.76	18.88	18.76	18.76			15	QPSK	50	0	18.80	18.46	18.58	18.50		
15	QPSK	50	24	20.38	20.44	20.48	20.32			15	QPSK	50	24	20.30	20.10	20.37	20.30			15	QPSK	50	24	18.78	18.72	18.59	18.81			15	QPSK	50	24	18.86	18.38	18.65	18.60		
15	QPSK	100	0	20.38	20.38	20.47	20.29			15	QPSK	100	0	20.35	20.07	20.44	20.27			15	QPSK	100	0	18.76	18.88	18.76	18.76			15	QPSK	100	0	18.82	18.47	18.43	18.63		
15	QPSK	1	96	20.33	19.97	20.02	19.99	21	2	15	QPSK	1	96	20.35	20.07	20.44	20.29			15	QPSK	1	96	18.75	18.88	18.88	18.77			15	QPSK	1	96	18.80	18.38	18.44	18.60		
15	QPSK	50	0	19.43	19.47	19.46	19.42			15	QPSK	50	0	19.45	19.16	19.48	19.31			15	QPSK	50	0	18.71	18.79	18.68	18.60			15	QPSK	50	0	18.80	18.28	18.44	18.60		
15	QPSK	50	24	19.38	19.41	19.41	19.39			15	QPSK	50	24	19.45	19.17	19.45	19.20			15	QPSK	50	24	18.82	18.72	18.63	18.75			15	QPSK	50	24	18.83	18.31	18.40	18.24		
15	QPSK	100	0	19.38	19.38	19.38	19.38			15	QPSK	100	0	19.45	19.16	19.38	19.28			15	QPSK	100	0	18.77	18.74	18.70	18.67			15	QPSK	100	0	18.77	18.40	18.50	18.46		
Channel										Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
15	QPSK	1	0	22.31	22.25	22.27	22.36			15	QPSK	1	0	22.32	22.03	22.49	22.37			15	QPSK	1	0	18.67	18.64	18.74	18.69			15	QPSK	1	0	18.73	18.68	18.77	18.67		
15	QPSK	1	24	22.34	22.21	22.26	22.27	23	0	15	QPSK	1	24	22.45	22.22	22.44	22.18			15	QPSK	1	24	18.82	18.70	18.72	18.71			15	QPSK	1	24	18.80	18.74	18.76	18.71		
15	QPSK	1	48	22.27	22.26	22.19	22.28			15	QPSK	1	48	22.43	22.19	22.38	22.18			15	QPSK	1	48	18.81	18.74	18.76	18.75			15	QPSK	1	48	18.82	18.71	18.73	18.67		
15	QPSK	1	96	22.26	22.05	22.12	22.25			15	QPSK	1	96	22.47	22.25	22.47	22.25			15	QPSK	1	96	18.87	18.80	18.76	18.80			15	QPSK	1	96	18.87	18.76	18.77	18.70		
15	QPSK	50	0	21.32	21.32	21.36	21.351																																

Band 2_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Turn-up limit (dBm)	MPE (dB)		
Channel				18700	18700	19100				
Frequency (MHz)				1860	1860	1900				
20	QPSK	1	0	-20.43	-20.50	-20.45				
20	QPSK	1	49	-20.32	-20.45	-20.38	21.5	0		
20	QPSK	1	99	-20.26	-20.38	-20.28				
20	QPSK	50	0	-20.42	-20.49	-20.43				
20	QPSK	50	24	-20.30	-20.41	-20.39	21.5	0		
20	QPSK	50	50	-20.32	-20.44	-20.39				
20	QPSK	100	0	-20.41	-20.46	-20.42				
20	16QAM	1	0	-20.28	-20.41	-20.35				
20	16QAM	1	49	-20.26	-20.41	-20.28	21.5	0		
20	16QAM	1	99	-20.22	-20.32	-20.25				
20	16QAM	50	0	-20.33	-20.41	-20.28				
20	16QAM	50	24	-20.18	-20.26	-20.35				
20	16QAM	50	50	-20.19	-20.34	-20.27	21.5	0		
20	16QAM	100	0	-20.37	-20.39	-20.32				
20	64QAM	1	0	-20.40	-20.36	-20.42				
20	64QAM	1	49	-20.17	-20.17	-20.34	21.5	0		
20	64QAM	1	99	-20.35	-20.44	-20.33				
20	64QAM	50	0	-20.40	-20.37	-20.40				
20	64QAM	50	24	-20.39	-20.41	-20.36				
20	64QAM	50	50	-20.35	-20.37	-20.33	21.5	0		
20	64QAM	100	0	-20.37	-20.38	-20.35				
Channel				18615	18600	19105	Turn-up limit (dBm)	MPE (dB)		
Frequency (MHz)				18615	18600	19025				
15	QPSK	1	0	-20.36	-20.39	-20.33				
15	QPSK	1	37	-20.25	-20.38	-20.32	21.5	0		
15	QPSK	1	74	-20.23	-20.44	-20.36				
15	QPSK	36	0	-20.27	-20.43	-20.35				
15	QPSK	36	20	-20.15	-20.27	-20.32	21.5	0		
15	QPSK	36	39	-20.17	-20.38	-20.44				
15	QPSK	1	0	-20.38	-20.44	-20.34				
15	16QAM	1	0	-20.25	-20.30	-20.24				
15	16QAM	1	37	-20.12	-20.32	-20.16	21.5	0		
15	16QAM	1	74	-20.14	-20.18	-20.22				
15	16QAM	36	0	-20.32	-20.37	-20.20				
15	16QAM	36	20	-20.12	-20.16	-20.28	21.5	0		
15	16QAM	36	39	-20.22	-20.22	-20.32				
15	16QAM	75	0	-20.26	-20.31	-20.17				
15	64QAM	1	0	-20.25	-20.25	-20.25				
15	64QAM	1	37	-20.14	-20.30	-20.28	21.5	0		
15	64QAM	1	74	-20.21	-20.36	-20.29				
15	64QAM	36	0	-20.28	-20.32	-20.21				
15	64QAM	36	20	-20.28	-20.28	-20.21	21.5	0		
15	64QAM	36	39	-20.31	-20.22	-20.24				
15	64QAM	75	0	-20.27	-20.31	-20.24				
Channel				18650	18600	19150	Turn-up limit (dBm)	MPE (dB)		
Frequency (MHz)				18650	18600	19005				
10	QPSK	1	0	-20.35	-20.42	-20.32				
10	QPSK	1	25	-20.27	-20.44	-20.27	21.5	0		
10	QPSK	1	49	-20.29	-20.43	-20.35				
10	QPSK	25	0	-20.33	-20.41	-20.36				
10	QPSK	25	12	-20.23	-20.30	-20.28	21.5	0		
10	QPSK	25	25	-20.25	-20.36	-20.24				
10	QPSK	50	0	-20.32	-20.32	-20.34				
10	16QAM	1	0	-20.14	-20.32	-20.19				
10	16QAM	1	25	-20.19	-20.37	-20.17	21.5	0		
10	16QAM	1	49	-20.20	-20.37	-20.18				
10	16QAM	25	0	-20.24	-20.35	-20.23				
10	16QAM	25	12	-20.13	-20.23	-20.31	21.5	0		
10	16QAM	25	25	-20.20	-20.22	-20.21				
10	16QAM	50	0	-20.35	-20.25	-20.26				
10	64QAM	1	0	-20.30	-20.30	-20.37				
10	64QAM	1	25	-20.29	-20.36	-20.24	21.5	0		
10	64QAM	1	49	-20.29	-20.38	-20.30				
10	64QAM	25	0	-20.27	-20.39	-20.33				
10	64QAM	25	12	-20.26	-20.34	-20.21	21.5	0		
10	64QAM	25	25	-20.25	-20.20	-20.23				
10	64QAM	50	0	-20.28	-20.36	-20.20				
Channel				18655	18600	19155	Turn-up limit (dBm)	MPE (dB)		
Frequency (MHz)				18655	18600	19045				
5	QPSK	1	0	-20.36	-20.46	-20.43				
5	QPSK	1	12	-20.29	-20.31	-20.37	21.5	0		
5	QPSK	1	24	-20.33	-20.37	-20.35				
5	QPSK	12	0	-20.33	-20.43	-20.36				
5	QPSK	12	7	-20.16	-20.39	-20.38	21.5	0		
5	QPSK	12	13	-20.22	-20.37	-20.25				
5	QPSK	25	0	-20.36	-20.41	-20.41				
5	16QAM	1	0	-20.27	-20.29	-20.31				
5	16QAM	1	12	-20.20	-20.26	-20.25	21.5	0		
5	16QAM	1	24	-20.07	-20.28	-20.28				
5	16QAM	12	0	-20.31	-20.33	-20.16				
5	16QAM	12	7	-20.13	-20.25	-20.31	21.5	0		
5	16QAM	12	13	-20.20	-20.29	-20.29				
5	16QAM	25	0	-20.25	-20.30	-20.20				
5	64QAM	1	0	-20.37	-20.32	-20.33				
5	64QAM	1	12	-20.11	-20.19	-20.24	21.5	0		
5	64QAM	1	24	-20.33	-20.38	-20.20				
5	64QAM	12	0	-20.33	-20.37	-20.25				
5	64QAM	12	7	-20.26	-20.33	-20.29	21.5	0		
5	64QAM	12	13	-20.30	-20.29	-20.30				
5	64QAM	25	0	-20.32	-20.27	-20.21				
Channel				18615	18600	19105	Turn-up limit (dBm)	MPE (dB)		
Frequency (MHz)				18615	18600	19005				
3	QPSK	1	0	-20.41	-20.49	-20.32				
3	QPSK	1	8	-20.25	-20.30	-20.35	21.5	0		
3	QPSK	1	14	-20.32	-20.31	-20.31				
3	QPSK	8	0	-20.28	-20.33	-20.33				
3	QPSK	8	4	-20.18	-20.26	-20.29	21.5	0		
3	QPSK	8	7	-20.19	-20.36	-20.30				
3	QPSK	15	0	-20.37	-20.41	-20.37				
3	16QAM	1	0	-20.25	-20.28	-20.31				
3	16QAM	1	8	-20.13	-20.40	-20.27	21.5	0		
3	16QAM	1	14	-20.19	-20.29	-20.34				
3	16QAM	8	0	-20.21	-20.29	-20.23				
3	16QAM	8	4	-20.09	-20.20	-20.33	21.5	0		
3	16QAM	8	7	-20.06	-20.33	-20.21				
3	16QAM	15	0	-20.22	-20.32	-20.27				
3	64QAM	1	0	-20.28	-20.24	-20.31				
3	64QAM	1	8	-20.28	-20.33	-20.29	21.5	0		
3	64QAM	1	14	-20.25	-20.30	-20.21				
3	64QAM	8	0	-20.31	-20.31	-20.39				
3	64QAM	8	4	-20.31	-20.30	-20.28	21.5	0		
3	64QAM	8	7	-20.36	-20.25	-20.16				
3	64QAM	15	0	-20.28	-20.33	-20.33				
Channel				18607	18600	19103	Turn-up limit (dBm)	MPE (dB)		
Frequency (MHz)				18607	18600	19093				
1.4	QPSK	1	0	-20.31	-20.49	-20.30				
1.4	QPSK	1	3	-20.23	-20.30	-20.24	21.5	0		
1.4	QPSK	1	5	-20.34	-20.36	-20.37				
1.4	QPSK	3	0	-20.36	-20.47	-20.36				
1.4	QPSK	3	1	-20.21	-20.36	-20.37				
1.4	QPSK	3	3	-20.30	-20.29	-20.28	21.5	0		
1.4	QPSK	6	0	-20.33	-20.33	-20.33				
1.4	16QAM	1	0	-20.22	-20.39	-20.28				
1.4	16QAM	1	3	-20.20	-20.30	-20.17				
1.4	16QAM	1	5	-20.11	-20.31	-20.18	21.5	0		
1.4	16QAM	3	0	-20.24	-20.31	-20.20				
1.4	16QAM	3	1	-20.17	-20.17	-20.31				
1.4	16QAM	3	3	-20.26	-20.26	-20.28				
1.4	16QAM	6	0	-20.35	-20.36	-20.21	21.5	0		
1.4	64QAM	1	0	-20.35	-20.24	-20.31				
1.4	64QAM	1	3	-20.02	-20.33	-20.27				
1.4	64QAM	1	5	-20.33	-20.38	-20.22	21.5	0		
1.4	64QAM	3	0	-20.28	-20.21	-20.31				
1.4	64QAM	3	1	-20.27	-20.27	-20.27				
1.4	64QAM	3	3	-20.20	-20.34	-20.30				
1.4	64QAM	6	0	-20.35	-20.31	-20.30	21.5	0		

Band 2_Ant 2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-on time (ms)	MPR (dB)		
Channel				1870	1880	1910				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	22.02	22.10	22.08				
20	QPSK	1	48	21.91	22.02	22.04				
20	QPSK	50	0	21.89	21.92	21.94	23	0		
20	QPSK	50	0	21.98	22.03	22.07				
20	QPSK	50	24	21.94	21.95	21.98				
20	QPSK	50	50	21.90	21.98	22.00				
20	QPSK	100	0	21.95	22.00	21.92				
20	16QAM	1	0	21.93	21.84	21.86				
20	16QAM	1	48	21.88	21.86	21.85				
20	16QAM	50	0	21.88	21.87	21.88	23	0		
20	16QAM	50	0	21.39	21.48	21.38				
20	16QAM	50	24	21.44	21.38	21.34				
20	16QAM	50	50	21.35	21.33	21.27				
20	16QAM	100	0	21.38	21.40	21.34				
20	64QAM	1	0	21.67	21.58	21.54				
20	64QAM	1	48	21.38	21.30	21.26				
20	64QAM	1	96	21.31	21.60	21.32				
20	64QAM	50	0	20.43	20.43	20.33				
20	64QAM	50	24	20.40	20.40	20.35				
20	64QAM	50	50	20.38	20.32	20.26				
20	64QAM	100	0	20.37	20.39	20.35	21.5	1		
Channel				1860	1880	1900	Turn-on time (ms)	MPR (dB)		
Frequency (MHz)				1857.8	1880	1902.5				
15	QPSK	1	0	21.88	22.02	22.00				
15	QPSK	1	37	21.85	21.96	21.92	23	0		
15	QPSK	1	74	21.86	21.96	21.93				
15	QPSK	36	0	21.94	21.92	21.99				
15	QPSK	36	20	21.89	21.81	21.90				
15	QPSK	36	39	21.87	21.94	21.89	23	0		
15	QPSK	1	0	21.92	21.88	21.87				
15	16QAM	1	0	21.89	21.75	21.79				
15	16QAM	1	37	21.81	21.83	21.87	23	0		
15	16QAM	1	74	21.76	21.75	21.84				
15	16QAM	36	0	21.47	21.32	21.33				
15	16QAM	36	20	21.29	21.31	21.31				
15	16QAM	36	39	20.26	20.24	20.28	22.5	0.5		
15	16QAM	75	0	21.36	21.37	21.33				
15	64QAM	1	0	21.48	21.58	21.42				
15	64QAM	1	37	21.53	21.27	21.12				
15	64QAM	1	74	21.45	21.28	21.24				
15	64QAM	36	0	20.40	20.34	20.28				
15	64QAM	36	20	20.26	20.34	20.28				
15	64QAM	36	39	20.21	20.25	20.14				
15	64QAM	75	0	20.25	20.25	20.27	21.5	1.5		
Channel				1860	1880	1910	Turn-on time (ms)	MPR (dB)		
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	0	21.92	22.07	21.97				
10	QPSK	1	25	21.77	21.88	22.03	23	0		
10	QPSK	1	48	21.75	21.69	21.88				
10	QPSK	25	0	21.83	21.94	21.88				
10	QPSK	25	12	21.87	21.86	21.97				
10	QPSK	25	25	21.83	21.88	21.87	23	0		
10	QPSK	50	0	21.81	21.87	21.81				
10	16QAM	1	0	21.79	21.80	21.80				
10	16QAM	1	25	21.62	21.76	21.85				
10	16QAM	1	48	21.84	21.84	21.77				
10	16QAM	25	0	21.41	21.36	21.34				
10	16QAM	25	12	21.28	21.36	21.25				
10	16QAM	25	25	21.21	21.26	21.16	22.5	0.5		
10	16QAM	50	0	21.27	21.26	21.26				
10	64QAM	1	0	21.53	21.52	21.45				
10	64QAM	1	25	21.51	21.24	21.25				
10	64QAM	1	48	21.58	21.24	21.26	22.5	0.5		
10	64QAM	25	0	20.40	20.28	20.18				
10	64QAM	25	12	20.26	20.32	20.34				
10	64QAM	25	25	20.24	20.24	20.25				
10	64QAM	50	0	20.25	20.23	20.23	21.5	1.5		
Channel				1860	1880	1905	Turn-on time (ms)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1902.5				
5	QPSK	1	0	21.91	21.96	21.97				
5	QPSK	1	12	21.88	21.97	22.03	23	0		
5	QPSK	1	24	21.86	21.89	21.93				
5	QPSK	12	0	21.86	21.95	22.00				
5	QPSK	12	7	21.86	21.92	21.97				
5	QPSK	12	13	21.81	21.85	21.89	23	0		
5	QPSK	25	0	21.84	21.92	21.84				
5	16QAM	1	0	21.78	21.81	21.79				
5	16QAM	1	12	21.84	21.82	21.90				
5	16QAM	1	24	21.74	21.82	21.81	23	0		
5	16QAM	12	0	21.44	21.38	21.30				
5	16QAM	12	7	21.25	21.41	21.24				
5	16QAM	12	13	21.25	21.41	21.12	22.5	0.5		
5	16QAM	25	0	21.36	21.36	21.24				
5	64QAM	1	0	21.44	21.64	21.43				
5	64QAM	1	12	21.46	21.31	21.16				
5	64QAM	1	24	21.45	21.11	21.25	22.5	0.5		
5	64QAM	12	0	20.31	20.29	20.29				
5	64QAM	12	7	20.31	20.26	20.23				
5	64QAM	12	13	20.30	20.34	20.14	21.5	1.5		
5	64QAM	25	0	20.32	20.31	20.24				
Channel				1861	1880	1916	Turn-on time (ms)	MPR (dB)		
Frequency (MHz)				1851.5	1880	1908.5				
3	QPSK	1	0	21.91	22.05	22.03				
3	QPSK	1	8	21.86	21.88	21.98	23	0		
3	QPSK	1	16	21.82	21.97	21.85				
3	QPSK	8	0	21.84	21.97	21.85				
3	QPSK	8	4	21.84	21.87	21.91				
3	QPSK	8	7	21.79	21.89	21.91	23	0		
3	QPSK	15	0	21.87	21.89	21.89				
3	16QAM	1	0	21.81	21.81	21.71				
3	16QAM	1	8	21.87	21.73	21.85				
3	16QAM	1	16	21.78	21.71	21.83	23	0		
3	16QAM	8	0	21.37	21.32	21.35				
3	16QAM	8	4	21.26	21.42	21.32				
3	16QAM	8	7	21.30	21.23	21.12	22.5	0.5		
3	16QAM	15	0	21.34	21.25	21.31				
3	64QAM	1	0	21.44	21.64	21.41				
3	64QAM	1	8	21.46	21.41	21.27				
3	64QAM	1	16	21.47	21.28	21.25				
3	64QAM	8	0	20.42	20.28	20.24				
3	64QAM	8	4	20.29	20.25	20.25				
3	64QAM	8	7	20.25	20.28	20.21	21.5	1.5		
3	64QAM	15	0	20.36	20.28	20.28				
Channel				1860	1880	1916	Turn-on time (ms)	MPR (dB)		
Frequency (MHz)				1850	1880	1914				
1.4	QPSK	1	0	21.90	22.08 <td>22.14</td> <td></td> <td></td> <td></td> <td></td>	22.14				
1.4	QPSK	1	3	21.85	21.98	22.02	23	0		
1.4	QPSK	1	5	21.82	21.89	21.82				
1.4	QPSK	3	0	21.84	21.97	21.96				
1.4	QPSK	3	1	21.84	21.90	21.84				
1.4	QPSK	3	3	21.84	21.93	21.91				
1.4	QPSK	3	5	21.81	21.81	21.86	23	0		
1.4	16QAM	1	0	21.79	21.69	21.77				
1.4	16QAM	1	3	21.87	21.79	21.84				
1.4	16QAM	1	5	21.82	21.79	21.76				
1.4	16QAM	3	0	21.83	21.71	21.80	23	0		
1.4	16QAM	3	1	21.84	21.81	21.84				
1.4	16QAM	3	3	21.77	21.61	21.78				
1.4	16QAM	6	0	21.37	21.27	21.24	22.5	0.5		
1.4	64QAM	1	0	21.57	21.61	21.39				
1.4	64QAM	1	3	21.52	21.28	21.17				
1.4	64QAM	1	5	21.50	21.17	21.25				
1.4	64QAM	3	0	21.44	21.62	21.49	22.5	0.5		
1.4	64QAM	3	1	21.45	21.23	21.23				
1.4	64QAM	3	3	21.52	21.18	21.22				
1.4	64QAM	6	0	20.38	20.30	20.22	21.5	1.5		

Band 2_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				1800	1800	1900			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	17.42	17.50	17.47			
20	QPSK	1	49	17.41	17.38	17.38	18.5	0	
20	QPSK	1	99	17.32	17.32	17.35			
20	QPSK	50	0	17.41	17.48	17.45			
20	QPSK	50	24	17.30	17.41	17.42	18.5	0	
20	QPSK	50	50	17.38	17.40	17.35			
20	QPSK	100	0	17.36	17.42	17.39			
20	16QAM	1	0	17.34	17.35	17.45			
20	16QAM	1	49	17.38	17.32	17.26	18.5	0	
20	16QAM	1	99	17.19	17.30	17.26			
20	16QAM	50	0	17.39	17.47	17.40			
20	16QAM	50	24	17.18	17.28	17.28	18.5	0	
20	16QAM	50	50	17.36	17.31	17.33			
20	16QAM	100	0	17.24	17.40	17.29			
20	64QAM	1	0	17.28	17.34	17.42			
20	64QAM	1	49	17.36	17.24	17.27	18.5	0	
20	64QAM	1	99	17.19	17.24	17.35			
20	64QAM	50	0	17.28	17.34	17.35			
20	64QAM	50	24	17.16	17.29	17.34	18.5	0	
20	64QAM	50	50	17.35	17.26	17.22			
20	64QAM	100	0	17.32	17.40	17.25			
Channel				1860	1880	1900	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.8	1880	1902.5			
15	QPSK	1	0	17.33	17.37	17.36			
15	QPSK	1	37	17.38	17.36	17.35	18.5	0	
15	QPSK	1	74	17.18	17.29	17.32			
15	QPSK	36	0	17.26	17.34	17.30			
15	QPSK	36	20	17.26	17.35	17.35	18.5	0	
15	QPSK	36	39	17.33	17.30	17.32			
15	QPSK	75	0	17.32	17.40	17.31			
15	16QAM	1	0	17.30	17.21	17.33			
15	16QAM	1	37	17.30	17.15	17.17	18.5	0	
15	16QAM	1	74	17.11	17.23	17.15			
15	16QAM	36	0	17.35	17.34	17.26			
15	16QAM	36	20	17.10	17.21	17.19	18.5	0	
15	16QAM	36	39	17.36	17.17	17.19			
15	16QAM	75	0	17.15	17.33	17.14			
15	64QAM	1	0	17.13	17.33	17.32			
15	64QAM	1	37	17.25	17.12	17.26	18.5	0	
15	64QAM	1	74	17.04	17.15	17.32			
15	64QAM	36	0	17.22	17.27	17.25			
15	64QAM	36	20	17.10	17.18	17.32	18.5	0	
15	64QAM	36	39	17.31	17.20	17.16			
15	64QAM	75	0	17.19	17.35	17.14			
Channel				18650	18600	19150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1905			
10	QPSK	1	0	17.29	17.42	17.43			
10	QPSK	1	25	17.36	17.28	17.31	18.5	0	
10	QPSK	1	49	17.19	17.25	17.35			
10	QPSK	25	12	17.29	17.46	17.41	18.5	0	
10	QPSK	25	25	17.29	17.38	17.34			

Band 4_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				20050	20175	20300					
Frequency (MHz)				1720	1732.5	1745					
20	QPSK	1	0	21.82	21.88	21.80	23	0			
20	QPSK	1	49	21.81	21.85	21.72					
20	QPSK	1	99	21.78	21.82	21.65					
20	QPSK	50	0	21.81	21.83	21.79					
20	QPSK	50	24	21.75	21.76	21.73	23	0			
20	QPSK	50	50	21.80	21.75	21.77					
20	QPSK	100	0	21.87	21.80	21.71					
20	16QAM	1	0	21.67	21.83	21.73					
20	16QAM	1	49	21.69	21.81	21.78	23	0			
20	16QAM	1	99	21.78	21.73	21.70					
20	16QAM	50	0	21.23	21.20	21.21					
20	16QAM	50	24	21.26	21.19	21.28					
20	16QAM	50	50	21.22	21.20	21.26	22.5	0.5			
20	16QAM	100	0	21.22	21.18	21.24					
20	64QAM	1	0	21.34	21.45	21.41					
20	64QAM	1	49	21.42	21.43	21.46					
20	64QAM	1	99	21.27	21.25	21.42	22.5	0.5			
20	64QAM	50	0	20.24	20.22	20.21					
20	64QAM	50	24	20.27	20.21	20.27					
20	64QAM	50	50	20.21	20.19	20.27					
20	64QAM	100	0	20.23	20.19	20.25	21.5	1.5			
Channel											
20025 20175 20325											
Frequency (MHz)				1717.5	1732.5	1747.5			Turn-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	21.73	21.85	21.72			23	0	
15	QPSK	1	37	21.76	21.80	21.81					
15	QPSK	1	74	21.71	21.75	21.62					
15	QPSK	36	0	21.73	21.80	21.71					
15	QPSK	36	20	21.74	21.72	21.80	23	0			
15	QPSK	36	39	21.71	21.80	21.83					
15	QPSK	75	0	21.64	21.76	21.62					
15	16QAM	1	0	21.62	21.69	21.59					
15	16QAM	1	37	21.63	21.71	21.74	23	0			
15	16QAM	1	74	21.70	21.59	21.58					
15	16QAM	36	0	21.12	21.05	21.15					
15	16QAM	36	20	21.16	21.05	21.18					
15	16QAM	36	39	21.09	21.13	21.13	22.5	0.5			
15	16QAM	75	0	21.13	21.10	21.20					
15	64QAM	1	0	21.27	21.39	21.28					
15	64QAM	1	37	21.30	21.38	21.31					
15	64QAM	1	74	21.13	21.21	21.33	22.5	0.5			
15	64QAM	36	0	20.17	20.18	20.07					
15	64QAM	36	20	20.26	20.20	20.26					
15	64QAM	36	39	20.11	20.05	20.21					
15	64QAM	75	0	20.20	20.08	20.20	21.5	1.5			
Channel											
20000 20175 20350											
Frequency (MHz)				1715	1732.5	1750			Turn-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	21.71	21.78	21.78			23	0	
10	QPSK	1	25	21.69	21.82	21.70					
10	QPSK	1	49	21.65	21.81	21.61					
10	QPSK	25	0	21.72	21.76	21.76					
10	QPSK	25	12	21.74	21.68	21.59	23	0			
10	QPSK	25	25	21.79	21.67	21.71					
10	QPSK	50	0	21.62	21.65	21.56					
10	16QAM	1	0	21.67	21.80	21.59					
10	16QAM	1	25	21.67	21.80	21.71	23	0			
10	16QAM	1	49	21.71	21.63	21.65					
10	16QAM	25	0	21.18	21.19	21.07					
10	16QAM	25	12	21.15	21.09	21.17					
10	16QAM	25	25	21.07	21.13	21.25	22.5	0.5			
10	16QAM	50	0	21.17	21.14	21.20					
10	64QAM	1	0	21.25	21.33	21.30					
10	64QAM	1	25	21.38	21.36	21.40					
10	64QAM	1	49	21.17	21.13	21.29	22.5	0.5			
10	64QAM	25	0	20.13	20.08	20.06					
10	64QAM	25	12	20.23	20.07	20.25					
10	64QAM	25	25	20.12	20.07	20.21					
10	64QAM	50	0	20.15	20.06	20.19	21.5	1.5			
Channel											
19975 20175 20395											
Frequency (MHz)				1722.5	1732.5	1752.5			Turn-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.67	21.81	21.67			23	0	
5	QPSK	1	12	21.70	21.73	21.68					
5	QPSK	1	24	21.67	21.71	21.57					
5	QPSK	12	0	21.73	21.78	21.75					
5	QPSK	12	7	21.72	21.75	21.58	23	0			
5	QPSK	12	13	21.69	21.71	21.73					
5	QPSK	25	0	21.64	21.74	21.67					
5	16QAM	0	16.00	21.71	21.66						
5	16QAM	1	12	21.54	21.78	21.73	23	0			
5	16QAM	1	24	21.69	21.72	21.64					
5	16QAM	12	0	21.17	21.06	21.16					
5	16QAM	12	7	21.17	21.07	21.21					
5	16QAM	13	1	21.16	21.07	21.25	22.5	0.5			
5	16QAM	25	0	21.13	21.05	21.09					
5	64QAM	1	0	21.20	21.39	21.40					
5	64QAM	1	12	21.31	21.36	21.45					
5	64QAM	1	24	21.25	21.11	21.33	22.5	0.5			
5	64QAM	12	0	20.14	20.20	20.14					
5	64QAM	12	7	20.16	20.11	20.14					
5	64QAM	12	13	20.13	20.16	20.25					
5	64QAM	25	0	20.11	20.11	20.23	21.5	1.5			
Channel											
19950 20175 20385											
Frequency (MHz)				1711.5	1732.5	1753.5			Turn-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	21.70	21.71	21.68			23	0	
3	QPSK	1	8	21.74	21.83	21.67					
3	QPSK	1	14	21.77	21.70	21.52					
3	QPSK	8	0	21.68	21.76	21.72					
3	QPSK	8	4	21.63	21.71	21.60	23	0			
3	QPSK	8	7	21.78	21.65	21.63					
3	QPSK	15	0	21.56	21.78	21.61					
3	16QAM	1	0	21.55	21.73	21.68					
3	16QAM	1	8	21.63	21.66	21.75	23	0			
3	16QAM	1	14	21.70	21.65	21.82					
3	16QAM	8	0	21.21	21.08	21.10					
3	16QAM	8	4	21.22	21.10	21.15					
3	16QAM	8	7	21.07	21.09	21.15	22.5	0.5			
3	16QAM	15	0	21.08	21.06	21.12					
3	64QAM	1	0	21.30	21.43	21.29					
3	64QAM	1	8	21.36	21.29	21.40					
3	64QAM	1	14	21.13	21.12	21.38	22.5	0.5			
3	64QAM	8	0	20.18	20.15	20.13					
3	64QAM	8	4	20.12	20.13	20.13					
3	64QAM	8	7	20.07	20.04	20.19					
3	64QAM	15	0	20.08	20.08	20.10	21.5	1.5			
Channel											
19957 20175 20393											
Frequency (MHz)				1710.7	1732.5	1754.3			Turn-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	21.75	21.71	21.68			23	0	
1.4	QPSK	1	3	21.66	21.74	21.67					
1.4	QPSK	1	5	21.71	21.73	21.54					
1.4	QPSK	3	0	21.74	21.72	21.63					
1.4	QPSK	3	1	21.74	21.70	21.65	23	0			
1.4	QPSK	3	3	21.69	21.70	21.86					
1.4	QPSK	6	0	21.68	21.76	21.69					
1.4	16QAM	1	0	21.63	21.81	21.69					
1.4	16QAM	1	3	21.62	21.80	21.63	23	0			
1.4	16QAM	1	5	21.63	21.67	21.61					
1.4	16QAM	3	0	21.58	21.68	21.56					
1.4	16QAM	3	1	21.56	21.75	21.69					
1.4	16QAM	3	1	21.56	21.70	21.69	22.5	0.5			
1.4	16QAM	6	0	21.21	21.14	21.14					
1.4	64QAM	1	0	21.33	21.38	21.31					
1.4	64QAM	1	3	21.29	21.37	21.46					
1.4	64QAM	1	5	21.16	21.13	21.36	22.5	0.5			
1.4	64QAM	3	0	21.22	21.14	21.26					
1.4	64QAM	3	1	21.20	21.28	21.39					
1.4	64QAM	3	3	21.21	21.17	21.35					
1.4	64QAM	6	0	20.16	20.11	20.22	21.5	1.5			

Band 5_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.78	23.87	23.88	25	0	
10	QPSK	1	25	23.66	23.74	23.53			
10	QPSK	1	49	23.70	23.82	23.74			
10	QPSK	25	0	22.64	22.77	22.72	24	1	
10	QPSK	25	12	22.63	22.67	22.72			
10	QPSK	25	25	22.63	22.69	22.70			
10	QPSK	50	0	22.67	22.75	22.73	24	1	
10	16QAM	1	0	22.74	22.63	22.97			
10	16QAM	1	25	22.74	22.74	23.02			
10	16QAM	1	49	22.71	23.00	22.97	24	1	
10	16QAM	25	0	21.86	21.63	21.74			
10	16QAM	25	12	21.80	21.71	21.69			
10	16QAM	25	25	21.80	21.78	21.71	23	2	
10	16QAM	50	0	21.82	21.73	21.71			
10	64QAM	1	0	21.93	22.06	21.96			
10	64QAM	1	25	21.85	21.77	21.85	23	2	
10	64QAM	1	49	21.84	21.98	21.81			
10	64QAM	25	0	20.60	20.73	20.68			
10	64QAM	25	12	20.52	20.62	20.69	22	3	
10	64QAM	25	25	20.56	20.68	20.81			
10	64QAM	50	0	20.63	20.68	20.74			
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.75	23.85	23.83	25	0	
5	QPSK	1	12	23.54	23.73	23.39			
5	QPSK	1	24	23.65	23.77	23.62			
5	QPSK	12	0	22.80	22.72	22.61	24	1	
5	QPSK	12	7	22.51	22.56	22.71			
5	QPSK	12	13	22.55	22.62	22.62			
5	QPSK	25	0	22.36	22.62	22.66	24	1	
5	16QAM	1	0	22.67	22.80	22.91			
5	16QAM	1	12	22.61	22.62	22.93			
5	16QAM	1	24	22.67	22.50	22.86	24	1	
5	16QAM	12	0	21.85	21.54	21.72			
5	16QAM	12	7	21.56	21.64	21.65			
5	16QAM	12	13	21.57	21.73	21.70	23	2	
5	16QAM	25	0	21.61	21.66	21.58			
5	64QAM	1	0	21.89	22.01	21.87			
5	64QAM	1	12	21.75	21.69	21.94	23	2	
5	64QAM	1	24	21.72	21.93	21.78			
5	64QAM	12	0	20.48	20.67	20.60			
5	64QAM	12	7	20.46	20.50	20.58	22	3	
5	64QAM	12	13	20.57	20.55	20.72			
5	64QAM	25	0	20.68	20.62	20.74			
Channel				20415	20525	20635			
Frequency (MHz)				826.5	836.5	847.5			
3	QPSK	1	0	23.74	23.81	23.78	25	0	
3	QPSK	1	8	23.52	23.66	23.39			
3	QPSK	1	14	23.81	23.69	23.70			
3	QPSK	8	0	22.57	22.75	22.71	24	1	
3	QPSK	8	4	22.62	22.59	22.69			
3	QPSK	8	7	22.80	22.61	22.69			
3	QPSK	15	0	22.59	22.73	22.64	24	1	
3	16QAM	1	0	22.62	22.69	22.88			
3	16QAM	1	8	22.72	22.68	22.97			
3	16QAM	1	14	22.68	22.89	22.91	23	2	
3	16QAM	8	0	21.65	21.57	21.63			
3	16QAM	8	4	21.48	21.63	21.63			
3	16QAM	8	7	21.59	21.64	21.64	23	2	
3	16QAM	15	0	21.53	21.61	21.56			
3	64QAM	1	0	21.80	21.55	21.95			
3	64QAM	1	8	21.76	21.69	21.88	23	2	
3	64QAM	1	14	21.70	21.85	21.70			
3	64QAM	8	0	20.49	20.66	20.51			
3	64QAM	8	4	20.42	20.48	20.57	22	3	
3	64QAM	8	7	20.63	20.65	20.73			
3	64QAM	15	0	20.68	20.59	20.65			
Channel				20407	20525	20585			
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.69	23.72	23.84	25	0	
1.4	QPSK	1	3	23.51	23.71	23.45			
1.4	QPSK	1	5	23.57	23.77	23.65			
1.4	QPSK	3	0	23.71	23.80	23.85	24	1	
1.4	QPSK	3	1	23.63	23.68	23.45			
1.4	QPSK	3	3	23.69	23.70	23.73			
1.4	QPSK	6	0	22.38	22.61	22.65	24	1	
1.4	16QAM	1	0	22.73	22.91	22.88			
1.4	16QAM	1	3	22.64	22.59	23.00			
1.4	16QAM	1	5	22.66	22.86	22.84	23	2	
1.4	16QAM	3	0	22.73	22.86	22.87			
1.4	16QAM	3	1	22.64	22.71	23.01			
1.4	16QAM	3	3	22.59	22.88	22.96	23	2	
1.4	16QAM	6	0	21.57	21.64	21.87			
1.4	64QAM	1	0	21.92	21.93	21.87			
1.4	64QAM	1	3	21.82	21.73	21.92	23	2	
1.4	64QAM	1	5	21.80	21.92	21.80			
1.4	64QAM	3	0	21.49	21.75	21.69			
1.4	64QAM	3	1	21.53	21.68	21.70	22	3	
1.4	64QAM	3	3	21.98	21.99	21.97			
1.4	64QAM	6	0	20.60	20.59	20.77			

Band 5_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.63	23.66	23.63	25	0	
10	QPSK	1	25	23.49	23.44	23.50			
10	QPSK	1	49	23.47	23.81	23.57			
10	QPSK	25	0	22.59	22.63	22.55	24	1	
10	QPSK	25	12	22.54	22.49	22.50			
10	QPSK	25	25	22.55	22.56	22.47			
10	QPSK	50	0	22.56	22.60	22.52	24	1	
10	16QAM	1	0	22.85	23.05	22.89			
10	16QAM	1	25	22.71	22.81	23.01			
10	16QAM	1	49	22.88	22.87	22.93	23	2	
10	16QAM	25	0	21.57	21.47	21.60			
10	16QAM	25	12	21.62	21.42	21.64			
10	16QAM	25	25	21.61	21.48	21.62	22	3	
10	16QAM	50	0	21.61	21.46	21.61			
10	64QAM	1	0	21.75	21.87	21.80			
10	64QAM	1	25	21.76	21.60	21.66	22	2	
10	64QAM	1	49	21.62	21.88	21.94			
10	64QAM	25	0	20.50	20.53	20.61			
10	64QAM	25	12	20.49	20.46	20.48	22	3	
10	64QAM	25	25	20.52	20.58	20.52			
10	64QAM	50	0	20.51	20.51	20.61			
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.51	23.64	23.58	25	0	
5	QPSK	1	12	23.41	23.42	23.42			
5	QPSK	1	24	23.32	23.59	23.52			
5	QPSK	12	0	22.48	22.58	22.40	24	1	
5	QPSK	12	7	22.52	22.46	22.45			
5	QPSK	12	13	22.40	22.54	22.33			
5	QPSK	25	0	22.54	22.57	22.48	24	1	
5	16QAM	1	0	22.84	23.03	22.86			
5	16QAM	1	12	22.58	22.48	22.47	23	2	
5	16QAM	1	24	22.80	22.84	22.92			
5	16QAM	12	0	21.49	21.46	21.53	22	3	
5	16QAM	12	7	21.58	21.30	21.51			
5	16QAM	12	13	21.53	21.41	21.61	23	2	
5	16QAM	25	0	21.58	21.39	21.48			
5	64QAM	1	0	21.63	21.85	21.75	23	2	
5	64QAM	1	12	21.61	21.56	21.64			
5	64QAM	1	24	21.48	21.59	21.85	22	3	
5	64QAM	12	0	20.40	20.40	20.48			
5	64QAM	12	7	20.34	20.36	20.36	22	3	
5	64QAM	12	13	20.40	20.56	20.41			
5	64QAM	25	0	20.42	20.50	20.55			
Channel				20410	20505	20605			
Frequency (MHz)				823.5	836.5	846.5			
3	QPSK	1	0	23.54	23.64	23.61	25	0	
3	QPSK	1	8	23.35	23.41	23.40			
3	QPSK	1	14	23.44	23.53	23.48			
3	QPSK	8	0	22.53	22.61	22.42	24	1	
3	QPSK	8	4	22.43	22.44	22.40			
3	QPSK	8	7	22.41	22.52	22.40			
3	QPSK	15	0	22.54	22.56	22.47	23	2	
3	16QAM	1	0	22.80	23.03	22.73			
3	16QAM	1	8	22.70	22.78	22.89	24	1	
3	16QAM	1	14	22.77	22.83	22.83			
3	16QAM	8	0	21.53	21.37	21.46	23	2	
3	16QAM	8	4	21.57	21.39	21.53			
3	16QAM	8	7	21.53	21.37	21.56	23	2	
3	64QAM	1	0	21.58	21.41	21.47			
3	64QAM	1	0	21.63	21.78	21.79	23	2	
3	64QAM	1	8	21.65	21.53	21.55			
3	64QAM	1	14	21.55	21.61	21.88	22	3	
3	64QAM	8	0	20.49	20.41	20.60			
3	64QAM	8	4	20.36	20.44	20.36	22	3	
3	64QAM	8	7	20.48	20.47	20.48			
3	64QAM	15	0	20.43	20.42	20.40			
Channel				20407	20505	20605			
Frequency (MHz)				824.7	836.5	846.3			
1.4	QPSK	1	0	23.57	23.56	23.57	25	0	
1.4	QPSK	1	3	23.46	23.42	23.40			
1.4	QPSK	1	5	23.37	23.51	23.43			
1.4	QPSK	3	0	23.54	23.60	23.54	24	1	
1.4	QPSK	3	1	23.45	23.29	23.49			
1.4	QPSK	3	1	23.46	23.34	23.47			
1.4	QPSK	6	0	22.43	22.47	22.39	24	1	
1.4	16QAM	1	0	22.78	22.69	22.67			
1.4	16QAM	1	3	22.60	22.86	22.89	22	2	
1.4	16QAM	1	5	22.87	22.79	22.87			
1.4	16QAM	3	0	22.80	23.02	22.79	23	2	
1.4	16QAM	3	1	22.96	22.76	22.80			
1.4	16QAM	3	1	22.74	23.12	22.98	23	2	
1.4	16QAM	6	0	21.50	21.37	21.56			
1.4	64QAM	1	0	21.71	21.77	21.67	23	2	
1.4	64QAM	1	3	21.62	21.53	21.63			
1.4	64QAM	1	5	21.57	21.67	21.83	22	3	
1.4	64QAM	3	0	21.61	21.85	21.83			
1.4	64QAM	3	1	21.63	21.64	21.67	22	3	
1.4	64QAM	3	3	21.60	21.54	21.91			
1.4	64QAM	6	0	20.45	20.42	20.50	22	3	

Band 7_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	17.50	17.59	17.52	19	0		
20	QPSK	1	49	17.42	17.51	17.40				
20	QPSK	1	99	17.43	17.49	17.42				
20	QPSK	50	0	17.45	17.57	17.43				
20	QPSK	50	24	17.36	17.55	17.41	19	0		
20	QPSK	50	50	17.39	17.54	17.37				
20	QPSK	100	0	17.39	17.49	17.40				
20	16QAM	1	0	17.36	17.52	17.48				
20	16QAM	1	49	17.39	17.43	17.32	19	0		
20	16QAM	1	99	17.29	17.45	17.34				
20	16QAM	50	0	17.32	17.53	17.36				
20	16QAM	50	24	17.31	17.41	17.35				
20	16QAM	50	50	17.26	17.49	17.28	19	0		
20	16QAM	100	0	17.32	17.43	17.38				
20	64QAM	1	0	17.45	17.47	17.42				
20	64QAM	1	49	17.37	17.36	17.33				
20	64QAM	1	99	17.37	17.38	17.41	19	0		
20	64QAM	50	0	17.41	17.45	17.37				
20	64QAM	50	24	17.24	17.53	17.39				
20	64QAM	50	50	17.40	17.40	17.31				
20	64QAM	100	0	17.29	17.45	17.35				
Channel				20825	21100	21375	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	17.35	17.48	17.38	19	0		
15	QPSK	1	37	17.30	17.47	17.39				
15	QPSK	1	74	17.39	17.43	17.35				
15	QPSK	36	0	17.36	17.45	17.31				
15	QPSK	36	20	17.24	17.49	17.29	19	0		
15	QPSK	36	36	17.32	17.47	17.33				
15	QPSK	75	0	17.28	17.38	17.30				
15	16QAM	1	0	17.35	17.47	17.38				
15	16QAM	1	37	17.27	17.36	17.21	19	0		
15	16QAM	1	74	17.28	17.40	17.22				
15	16QAM	36	0	17.29	17.47	17.22				
15	16QAM	36	20	17.27	17.37	17.21				
15	16QAM	36	36	17.15	17.46	17.13	19	0		
15	16QAM	75	0	17.19	17.38	17.28				
15	64QAM	1	0	17.32	17.33	17.35				
15	64QAM	1	37	17.36	17.32	17.30				
15	64QAM	1	74	17.26	17.26	17.37	19	0		
15	64QAM	36	0	17.30	17.40	17.28				
15	64QAM	36	20	17.22	17.49	17.28				
15	64QAM	36	36	17.20	17.36	17.17				
15	64QAM	75	0	17.22	17.41	17.13				
Channel				20800	21100	21400	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	17.41	17.51	17.44	19	0		
10	QPSK	1	25	17.36	17.38	17.25				
10	QPSK	1	49	17.40	17.47	17.38				
10	QPSK	25	0	17.31	17.45	17.42				
10	QPSK	25	12	17.26	17.53	17.33	19	0		
10	QPSK	25	25	17.24	17.50	17.32				
10	QPSK	50	0	17.31	17.39	17.37				
10	16QAM	1	0	17.34	17.48	17.34				
10	16QAM	1	25	17.33	17.31	17.22	19	0		
10	16QAM	1	49	17.15	17.41	17.22				
10	16QAM	25	0	17.31	17.38	17.28				
10	16QAM	25	12	17.27	17.33	17.33				
10	16QAM	25	25	17.13	17.39	17.15	19	0		
10	16QAM	50	0	17.20	17.36	17.27				
10	64QAM	1	0	17.44	17.40	17.30				
10	64QAM	1	25	17.34	17.26	17.31				
10	64QAM	1	49	17.36	17.27	17.37	19	0		
10	64QAM	25	0	17.39	17.53	17.34				
10	64QAM	25	12	17.22	17.40	17.34				
10	64QAM	25	25	17.32	17.39	17.19				
10	64QAM	50	0	17.22	17.32	17.22				
Channel				20719	21100	21425	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	17.35	17.47	17.50	19	0		
5	QPSK	1	12	17.29	17.49	17.38				
5	QPSK	1	24	17.35	17.36	17.28				
5	QPSK	12	0	17.31	17.48	17.32				
5	QPSK	12	7	17.29	17.46	17.40	19	0		
5	QPSK	12	13	17.35	17.49	17.33				
5	QPSK	25	0	17.26	17.47	17.39				
5	16QAM	1	0	17.25	17.50	17.37				
5	16QAM	1	12	17.26	17.28	17.26	19	0		
5	16QAM	1	24	17.24	17.44	17.33				
5	16QAM	12	0	17.20	17.45	17.29				
5	16QAM	12	7	17.29	17.27	17.23				
5	16QAM	12	13	17.18	17.34	17.18	19	0		
5	16QAM	25	0	17.25	17.37	17.27				
5	64QAM	1	0	17.44	17.40	17.29				
5	64QAM	1	12	17.22	17.27	17.23				
5	64QAM	1	24	17.32	17.30	17.28	19	0		
5	64QAM	12	0	17.27	17.41	17.22				
5	64QAM	12	7	17.12	17.36	17.27				
5	64QAM	12	13	17.17	17.29	17.26				
5	64QAM	25	0	17.21	17.44	17.24				

Band 7_Ant 2												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up time (dBm)	MPR (dB)				
Channel				20850	21100	21350						
Frequency (MHz)				2510	2535	2560						
20	QPSK	1	0	19.09	19.75	19.05	20.5	0				
20	QPSK	1	49	19.07	19.73	19.02						
20	QPSK	1	99	19.58	19.71	19.52						
20	QPSK	50	0	19.07	19.73	19.03						
20	QPSK	50	24	19.06	19.70	19.00	20.5	0				
20	QPSK	50	50	19.56	19.67	19.59						
20	QPSK	100	0	19.08	19.72	19.51						
20	16QAM	1	0	19.07	19.69	19.58						
20	16QAM	1	49	19.02	19.70	19.56	20.5	0				
20	16QAM	1	99	19.48	19.58	19.40						
20	16QAM	50	0	19.58	19.72	19.61						
20	16QAM	50	24	19.64	19.59	19.45						
20	16QAM	50	50	19.42	19.55	19.57	20.5	0				
20	16QAM	100	0	19.62	19.67	19.40						
20	64QAM	1	0	19.05	19.74	19.50						
20	64QAM	1	49	19.63	19.59	19.54						
20	64QAM	1	99	19.55	19.60	19.47	20.5	0				
20	64QAM	50	0	19.06	19.60	19.56	20.5	0				
20	64QAM	50	24	19.58	19.65	19.47						
20	64QAM	50	50	19.49	19.56	19.57						
20	64QAM	100	0	19.56	19.58	19.43						
Channel				20625	21100	21375						
Frequency (MHz)				2507.5	2535	2562.5						
15	QPSK	1	0	19.08	19.64	19.56	20.5	0				
15	QPSK	1	37	19.53	19.63	19.60						
15	QPSK	1	74	19.51	19.60	19.58						
15	QPSK	36	0	19.62	19.63	19.61						
15	QPSK	36	20	19.51	19.58	19.54	20.5	0				
15	QPSK	36	36	19.47	19.53	19.57						
15	QPSK	75	0	19.05	19.66	19.43						
15	16QAM	1	0	19.03	19.64	19.57						
15	16QAM	1	37	19.50	19.66	19.44	20.5	0				
15	16QAM	1	74	19.48	19.58	19.51						
15	16QAM	36	0	19.43	19.69	19.50						
15	16QAM	36	20	19.63	19.50	19.41						
15	16QAM	36	36	19.38	19.45	19.46	20.5	0				
15	16QAM	75	0	19.51	19.65	19.33						
15	64QAM	1	0	19.56	19.71	19.45						
15	64QAM	1	37	19.46	19.59	19.42						
15	64QAM	1	74	19.47	19.51	19.42	20.5	0				
15	64QAM	36	0	19.51	19.50	19.40						
15	64QAM	36	20	19.43	19.50	19.33						
15	64QAM	36	36	19.36	19.50	19.52						
15	64QAM	75	0	19.48	19.47	19.31	20.5	0				
Channel				20800	21100	21400						
Frequency (MHz)				2505	2535	2565						
10	QPSK	1	0	19.54	19.60	19.56			20.5	0		
10	QPSK	1	25	19.55	19.64	19.58						
10	QPSK	1	49	19.55	19.70	19.47						
10	QPSK	25	0	19.59	19.62	19.61						
10	QPSK	25	12	19.66	19.63	19.57	20.5	0				
10	QPSK	25	25	19.55	19.61	19.50						
10	QPSK	50	0	19.53	19.59	19.49						
10	16QAM	1	0	19.56	19.67	19.47						
10	16QAM	1	25	19.47	19.68	19.54	20.5	0				
10	16QAM	1	49	19.39	19.46	19.26						
10	16QAM	25	0	19.48	19.66	19.48						
10	16QAM	25	12	19.54	19.52	19.34						
10	16QAM	25	25	19.35	19.53	19.55	20.5	0				
10	16QAM	50	0	19.56	19.62	19.45						
10	64QAM	1	0	19.53	19.67	19.45						
10	64QAM	1	25	19.61	19.52	19.31						
10	64QAM	1	49	19.48	19.50	19.39	20.5	0				
10	64QAM	25	0	19.56	19.58	19.41						
10	64QAM	25	12	19.43	19.62	19.35						
10	64QAM	25	25	19.48	19.44	19.54						
10	64QAM	40	0	19.48	19.44	19.40	20.5	0				
Channel				20770	21100	21425						
Frequency (MHz)				2602.5	2635	2667.5						
5	QPSK	1	0	19.55	19.70	19.60			20.5	0		
5	QPSK	1	12	19.60	19.66	19.52						
5	QPSK	1	24	19.55	19.69	19.48						
5	QPSK	12	0	19.52	19.68	19.50						
5	QPSK	12	7	19.64	19.57	19.51	20.5	0				
5	QPSK	12	13	19.46	19.65	19.52						
5	QPSK	25	0	19.65	19.67	19.43						
5	16QAM	1	0	19.05	19.63	19.53						
5	16QAM	1	12	19.56	19.55	19.47	20.5	0				
5	16QAM	1	24	19.43	19.53	19.34						
5	16QAM	12	0	19.50	19.65	19.49						
5	16QAM	12	7	19.55	19.44	19.45						
5	16QAM	12	13	19.27	19.52	19.49	20.5	0				
5	16QAM	25	0	19.60	19.66	19.30						
5	64QAM	1	0	19.02	19.66	19.39						
5	64QAM	1	12	19.59	19.52	19.42						
5	64QAM	1	24	19.51	19.55	19.34	20.5	0				
5	64QAM	12	0	19.56	19.48	19.41						
5	64QAM	12	7	19.46	19.63	19.37						
5	64QAM	12	13	19.35	19.53	19.49						
5	64QAM	25	0	19.50	19.54	19.32	20.5	0				

Band 12_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23000	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.43	23.50	23.45	24.5	0	
10	QPSK	1	25	23.32	23.39	23.29			
10	QPSK	1	49	23.41	23.47	23.22			
10	QPSK	25	0	22.30	22.30	22.25	23.5	1	
10	QPSK	25	12	22.21	22.20	22.22			
10	QPSK	25	25	22.24	22.28	22.22			
10	QPSK	50	0	22.23	22.27	22.24	23.5	1	
10	16QAM	1	0	22.32	22.37	22.60			
10	16QAM	1	25	22.42	22.32	22.35			
10	16QAM	1	49	22.66	22.55	22.61	22.5	2	
10	16QAM	25	0	21.24	21.18	21.20			
10	16QAM	25	12	21.14	21.26	21.18			
10	16QAM	25	25	21.18	21.36	21.25	22.5	2	
10	16QAM	50	0	21.17	21.24	21.23			
10	64QAM	1	0	21.25	21.36	21.22			
10	64QAM	1	25	21.53	21.35	21.40	21.5	3	
10	64QAM	1	49	21.50	21.39	21.35			
10	64QAM	25	0	20.19	20.28	20.21			
10	64QAM	25	12	20.25	20.21	20.31	21.5	3	
10	64QAM	25	25	20.27	20.37	20.23			
10	64QAM	50	0	20.29	20.25	20.23			
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.38	23.37	23.38	24.5	0	
5	QPSK	1	12	23.08	23.28	23.15			
5	QPSK	1	24	23.31	23.38	23.19			
5	QPSK	12	0	22.26	22.28	22.21	23.5	1	
5	QPSK	12	7	22.07	22.19	22.07			
5	QPSK	12	13	22.12	22.23	22.16			
5	QPSK	25	0	22.17	22.24	22.16	23.5	1	
5	16QAM	1	0	22.37	22.28	22.56			
5	16QAM	1	12	22.37	22.17	22.33			
5	16QAM	1	24	22.59	22.45	22.59	22.5	2	
5	16QAM	12	0	21.14	21.04	21.11			
5	16QAM	12	7	21.02	21.14	21.14			
5	16QAM	12	13	21.09	21.25	21.13	22.5	2	
5	16QAM	25	0	21.06	21.19	21.18			
5	64QAM	1	0	21.13	21.29	21.08			
5	64QAM	1	12	21.38	21.31	21.25	21.5	3	
5	64QAM	1	24	21.47	21.29	21.34			
5	64QAM	12	0	20.11	20.23	20.19			
5	64QAM	12	7	20.19	20.13	20.27	21.5	3	
5	64QAM	12	13	20.20	20.26	20.16			
5	64QAM	25	0	20.20	20.22	20.08			
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	23.40	23.49	23.35	24.5	0	
3	QPSK	1	8	23.16	23.31	23.21			
3	QPSK	1	14	23.36	23.45	23.21			
3	QPSK	8	0	22.19	22.25	22.19	23.5	1	
3	QPSK	8	4	22.06	22.09	22.11			
3	QPSK	8	7	22.14	22.22	22.16			
3	QPSK	15	0	22.09	22.19	22.20	23.5	1	
3	16QAM	1	0	22.51	22.30	22.59			
3	16QAM	1	8	22.26	22.25	22.28			
3	16QAM	1	14	22.53	22.48	22.54	22.5	2	
3	16QAM	8	0	21.14	21.09	21.08			
3	16QAM	8	4	21.09	21.14	21.16			
3	16QAM	8	7	21.03	21.30	21.11	22.5	2	
3	16QAM	15	0	21.12	21.14	21.22			
3	64QAM	1	0	21.21	21.35	21.09			
3	64QAM	1	8	21.46	21.22	21.36	21.5	3	
3	64QAM	1	14	21.38	21.34	21.29			
3	64QAM	8	0	20.11	20.18	20.17			
3	64QAM	8	4	20.16	20.10	20.27	21.5	3	
3	64QAM	8	7	20.19	20.35	20.20			
3	64QAM	15	0	20.16	20.17	20.22			
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.32	23.45	23.37	24.5	0	
1.4	QPSK	1	3	23.16	23.26	23.17			
1.4	QPSK	1	5	23.38	23.40	23.21			
1.4	QPSK	3	0	23.39	23.42	23.42	23.5	1	
1.4	QPSK	3	1	23.20	23.28	23.17			
1.4	QPSK	3	3	23.36	23.40	23.09			
1.4	QPSK	8	0	22.20	22.18	22.20	23.5	1	
1.4	16QAM	1	0	22.45	22.28	22.55			
1.4	16QAM	1	3	22.30	22.26	22.30			
1.4	16QAM	1	5	22.58	22.51	22.46	22.5	2	
1.4	16QAM	3	0	22.46	22.25	22.48			
1.4	16QAM	3	1	22.33	22.26	22.26			
1.4	16QAM	3	3	22.82	22.48	22.46	22.5	2	
1.4	16QAM	6	0	21.11	21.11	21.10			
1.4	64QAM	1	0	21.19	21.27	21.19			
1.4	64QAM	1	3	21.42	21.21	21.29	21.5	3	
1.4	64QAM	1	5	21.43	21.30	21.25			
1.4	64QAM	3	0	21.13	21.32	21.14			
1.4	64QAM	3	1	21.38	21.21	21.27	21.5	3	
1.4	64QAM	3	3	21.36	21.35	21.24			
1.4	64QAM	6	0	20.22	20.22	20.19			

Band 12_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23000	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.66	23.72	23.69	24.5	0	
10	QPSK	1	25	23.60	23.84	23.54			
10	QPSK	1	49	23.62	23.43	23.38			
10	QPSK	25	0	22.55	22.52	22.51	23.5	1	
10	QPSK	25	12	22.51	22.52	22.51			
10	QPSK	25	25	22.53	22.56	22.45			
10	QPSK	50	0	22.53	22.58	22.47	23.5	1	
10	16QAM	1	0	22.96	22.83	22.99			
10	16QAM	1	25	22.94	22.89	22.76			
10	16QAM	1	49	22.99	22.76	22.64	22.5	2	
10	16QAM	25	0	21.52	21.84	21.46			
10	16QAM	25	12	21.43	21.53	21.43			
10	16QAM	25	25	21.60	21.54	21.44	22.5	2	
10	16QAM	50	0	21.56	21.56	21.44			
10	64QAM	1	0	21.75	21.73	21.87			
10	64QAM	1	25	21.85	21.90	21.77	21.5	3	
10	64QAM	1	49	21.71	21.89	21.84			
10	64QAM	25	0	20.53	20.50	20.49			
10	64QAM	25	12	20.58	20.52	20.48	21.5	3	
10	64QAM	25	25	20.51	20.49	20.49			
10	64QAM	50	0	20.53	20.52	20.48			
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.55	23.70	23.57	24.5	0	
5	QPSK	1	12	23.49	23.55	23.49			
5	QPSK	1	24	23.54	23.34	23.28			
5	QPSK	12	0	22.53	22.51	22.50	23.5	1	
5	QPSK	12	7	22.49	22.49	22.37			
5	QPSK	12	13	22.48	22.51	22.31			
5	QPSK	25	0	22.44	22.52	22.42	23.5	1	
5	16QAM	1	0	22.87	22.87	22.87			
5	16QAM	1	12	22.87	22.81	22.86			
5	16QAM	1	24	22.95	22.88	22.52	22.5	2	
5	16QAM	12	0	21.48	21.58	21.41			
5	16QAM	12	7	21.40	21.50	21.30			
5	16QAM	12	13	21.54	21.43	21.29	21.5	3	
5	16QAM	25	0	21.44	21.42	21.37			
5	16QAM	1	0	21.71	21.71	21.71			
5	64QAM	1	12	21.81	21.88	21.74	22.5	2	
5	64QAM	1	24	21.66	21.65	21.71			
5	64QAM	12	0	20.39	20.36	20.40			
5	64QAM	12	7	20.55	20.46	20.35	21.5	3	
5	64QAM	12	13	20.48	20.39	20.48			
5	64QAM	25	0	20.42	20.39	20.42			
Channel				23025	23095	23165			
Frequency (MHz)				699.7	707.5	715.3			
3	QPSK	1	0	23.56	23.63	23.48	24.5	0	
3	QPSK	1	8	23.53	23.59	23.44			
3	QPSK	1	14	23.46	23.35	23.37			
3	QPSK	8	0	22.43	22.59	22.48	23.5	1	
3	QPSK	8	4	22.46	22.42	22.45			
3	QPSK	8	7	22.49	22.55	22.43			
3	QPSK	15	0	22.48	22.49	22.40	23.5	1	
3	16QAM	1	0	22.91	22.57	22.58			
3	16QAM	1	8	22.91	22.65	22.68			
3	16QAM	1	14	22.93	22.66	22.55	22.5	2	
3	16QAM	8	0	21.47	21.53	21.43			
3	16QAM	8	4	21.42	21.46	21.30			
3	16QAM	8	7	21.55	21.43	21.41	21.5	3	
3	64QAM	1	24	21.46	21.41	21.52			
3	64QAM	1	0	21.64	21.67	21.81			
3	64QAM	1	8	21.81	21.83	21.74	22.5	2	
3	64QAM	1	14	21.68	21.66	21.83			
3	64QAM	8	0	20.52	20.40	20.43			
3	64QAM	8	4	20.48	20.48	20.34	21.5	3	
3	64QAM	8	7	20.43	20.44	20.43			
3	64QAM	15	0	20.40	20.49	20.35			
Channel				23217	23206	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.56	23.60	23.67	24.5	0	
1.4	QPSK	1	3	23.57	23.60	23.40			
1.4	QPSK	1	5	23.51	23.41	23.25			
1.4	QPSK	3	0	23.65	23.66	23.67	23.5	1	
1.4	QPSK	3	1	23.53	23.62	23.48			
1.4	QPSK	3	1	23.57	23.57	23.37			
1.4	QPSK	15	0	22.39	22.47	22.43	23.5	1	
1.4	16QAM	1	0	22.93	22.51	22.88			
1.4	16QAM	1	3	22.80	22.55	22.61			
1.4	16QAM	1	5	22.87	22.84	22.50	23.5	1	
1.4	16QAM	3	0	22.89	22.48	22.53			
1.4	16QAM	3	1	22.81	22.59	22.59			
1.4	16QAM	3	2	22.85	22.52	22.56	22.5	2	
1.4	16QAM	6	0	21.52	21.51	21.37			
1.4	64QAM	1	0	21.70	21.69	21.79			
1.4	64QAM	1	3	21.74	21.82	21.67	22.5	2	
1.4	64QAM	1	5	21.59	21.56	21.62			
1.4	64QAM	3	0	21.79	21.63	21.79			
1.4	64QAM	3	1	21.79	21.64	21.72	21.5	3	
1.4	64QAM	3	3	21.63	21.54	21.73			
1.4	64QAM	6	0	20.52	20.45	20.44			

Band 66_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)		
Channel				130072	132322	132572				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	21.90	21.98	21.50	23	0		
20	QPSK	1	49	21.76	21.85	21.82				
20	QPSK	1	99	21.89	21.93	21.82				
20	QPSK	50	0	21.88	21.96	21.50	23	0		
20	QPSK	50	24	21.86	21.94	21.85				
20	QPSK	50	50	21.75	21.86	21.88				
20	QPSK	100	0	21.81	21.89	21.86	23	0		
20	16QAM	1	0	21.79	21.83	21.91				
20	16QAM	1	49	21.70	21.85	21.81				
20	16QAM	1	99	21.81	21.81	21.81	22.5	0.5		
20	16QAM	50	0	21.28	21.33	21.45				
20	16QAM	50	24	21.29	21.33	21.42				
20	16QAM	50	50	21.25	21.29	21.35	22.5	0.5		
20	16QAM	100	0	21.23	21.30	21.39				
20	64QAM	1	0	21.40	21.38	21.55				
20	64QAM	1	49	21.40	21.51	21.52	22.5	0.5		
20	64QAM	1	99	21.31	21.38	21.46				
20	64QAM	50	0	20.30	20.34	20.49				
20	64QAM	50	24	20.32	20.34	20.44	21.5	1.5		
20	64QAM	50	50	20.27	20.29	20.38				
20	64QAM	100	0	20.25	20.31	20.41				
Channel				132047	132322	132597	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	21.76	21.89	21.87	23	0		
15	QPSK	1	37	21.77	21.85	21.79				
15	QPSK	1	74	21.78	21.80	21.81				
15	QPSK	36	0	21.85	21.86	21.89	23	0		
15	QPSK	36	20	21.83	21.92	21.77				
15	QPSK	36	39	21.85	21.77	21.81				
15	QPSK	75	0	21.73	21.75	21.83	23	0		
15	16QAM	1	0	21.64	21.78	21.85				
15	16QAM	1	37	21.68	21.73	21.75				
15	16QAM	1	74	21.69	21.72	21.79	22.5	0.5		
15	16QAM	36	0	21.14	21.30	21.44				
15	16QAM	36	20	21.23	21.27	21.33				
15	16QAM	36	39	21.13	21.14	21.26	22.5	0.5		
15	16QAM	75	0	21.22	21.26	21.38				
15	64QAM	1	0	21.33	21.34	21.52				
15	64QAM	1	37	21.26	21.47	21.38	22.5	0.5		
15	64QAM	1	74	21.29	21.36	21.33				
15	64QAM	36	0	20.19	20.32	20.43				
15	64QAM	36	20	20.29	20.20	20.36	21.5	1.5		
15	64QAM	36	39	20.26	20.25	20.24				
15	64QAM	75	0	20.21	20.23	20.33				
Channel				132022	132322	132622	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	21.77	21.92	21.81	23	0		
10	QPSK	1	25	21.67	21.84	21.75				
10	QPSK	1	49	21.81	21.85	21.70				
10	QPSK	25	0	21.83	21.88	21.81	23	0		
10	QPSK	25	12	21.76	21.86	21.79				
10	QPSK	25	25	21.62	21.73	21.86				
10	QPSK	50	0	21.67	21.76	21.74	23	0		
10	16QAM	1	0	21.78	21.80	21.76				
10	16QAM	1	25	21.65	21.76	21.79				
10	16QAM	1	49	21.76	21.73	21.73	22.5	0.5		
10	16QAM	25	0	21.19	21.24	21.36				
10	16QAM	25	12	21.19	21.28	21.37				
10	16QAM	25	25	21.19	21.26	21.33	22.5	0.5		
10	16QAM	50	0	21.16	21.22	21.25				
10	64QAM	1	0	21.30	21.23	21.52				
10	64QAM	1	25	21.26	21.41	21.43	22.5	0.5		
10	64QAM	1	49	21.30	21.27	21.43				
10	64QAM	25	0	20.20	20.32	20.37				
10	64QAM	25	12	20.23	20.29	20.35	21.5	1.5		
10	64QAM	25	25	20.15	20.21	20.25				
10	64QAM	50	0	20.14	20.28	20.37				
Channel				131987	132322	132657	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	21.79	21.97	21.82	23	0		
5	QPSK	1	12	21.64	21.86	21.74				
5	QPSK	1	24	21.87	21.90	21.76				
5	QPSK	12	0	21.82	21.85	21.80	23	0		
5	QPSK	12	7	21.84	21.79	21.74				
5	QPSK	12	13	21.71	21.80	21.79				
5	QPSK	25	0	21.68	21.75	21.83	23	0		
5	16QAM	0	0	21.71	21.78	21.76				
5	16QAM	1	12	21.61	21.82	21.72				
5	16QAM	1	24	21.78	21.72	21.70	22.5	0.5		
5	16QAM	12	0	21.25	21.29	21.44				
5	16QAM	12	7	21.24	21.19	21.28				
5	16QAM	12	13	21.24	21.21	21.29	22.5	0.5		
5	16QAM	25	0	21.21	21.27	21.24				
5	64QAM	1	0	21.26	21.34	21.49				
5	64QAM	1	12	21.27	21.36	21.45	22.5	0.5		
5	64QAM	1	24	21.20	21.27	21.32				
5	64QAM	12	0	20.20	20.25	20.35				
5	64QAM	12	7	20.26	20.22	20.29	21.5	1.5		
5	64QAM	12	13	20.21	20.28	20.32				
5	64QAM	25	0	20.10	20.21	20.28				
Channel				131987	132322	132657	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	21.80	21.87	21.87	23	0		
3	QPSK	1	8	21.75	21.82	21.67				
3	QPSK	1	14	21.77	21.80	21.79				
3	QPSK	8	0	21.85	21.86	21.85	23	0		
3	QPSK	8	4	21.76	21.82	21.79				
3	QPSK	8	7	21.68	21.85	21.87				
3	QPSK	15	0	21.67	21.77	21.82	23	0		
3	16QAM	1	0	21.67	21.91	21.78				
3	16QAM	1	8	21.62	21.77	21.78				
3	16QAM	1	14	21.70	21.66	21.73	22.5	0.5		
3	16QAM	8	0	21.22	21.19	21.39				
3	16QAM	8	4	21.14	21.22	21.37				
3	16QAM	8	7	21.15	21.18	21.32	22.5	0.5		
3	16QAM	15	0	21.14	21.18	21.33				
3	64QAM	1	0	21.32	21.24	21.49				
3	64QAM	1	8	21.26	21.45	21.43	22.5	0.5		
3	64QAM	1	14	21.16	21.31	21.45				
3	64QAM	8	0	20.29	20.33	20.47	21.5	1.5		
3	64QAM	8	4	20.24	20.30	20.33				
3	64QAM	8	7	20.24	20.19	20.33				
3	64QAM	15	0	20.20	20.25	20.36				
Channel				131919	132322	132695	Turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.5	1745	1780.5				
1.4	QPSK	1	0	21.68	21.84	21.80	23	0		
1.4	QPSK	1	3	21.69	21.84	21.76				
1.4	QPSK	1	5	21.70	21.82	21.87				
1.4	QPSK	3	0	21.87	21.91	21.87	23	0		
1.4	QPSK	3	1	21.78	21.87	21.72				
1.4	QPSK	3	3	21.70	21.73	21.79				
1.4	QPSK	8	0	21.68	21.86	21.83	23	0		
1.4	16QAM	1	0	21.78	21.83	21.78				
1.4	16QAM	1	3	21.65	21.81	21.72				
1.4	16QAM	1	5	21.67	21.87	21.72	23	0		
1.4	16QAM	3	0	21.75	21.82	21.81				
1.4	16QAM	3	1	21.66	21.71	21.68				
1.4	QPSK	8	0	21.78	21.79	21.78	22.5	0.5		
1.4	16QAM	6	0	21.21	21.16	21.28				
1.4	64QAM	1	0	21.29	21.37	21.42				
1.4	64QAM	1	3	21.25	21.41	21.45	22.5	0.5		
1.4	64QAM	1	5	21.19	21.29	21.36				
1.4	64QAM	3	0	21.29	21.37	21.53				
1.4	64QAM	3	1	21.38	21.21	21.45	21.5	1.5		
1.4	64QAM	3	3	21.23	21.37	21.32				
1.4	64QAM	6	0	20.14	20.26	20.31				

LTE Band 71_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up time (dBm)	MPR (dB)	
Channel				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.29	23.41	23.34	24.5	0	
20	QPSK	1	49	23.21	23.24	23.26			
20	QPSK	1	99	23.16	23.22	23.22			
20	QPSK	50	0	22.30	22.39	22.25			
20	QPSK	50	24	22.29	22.29	22.25	23.5	1	
20	QPSK	50	50	22.33	22.23	22.24			
20	QPSK	100	0	22.31	22.34	22.28			
20	16QAM	1	0	22.50	22.52	22.50	23.5	1	
20	16QAM	1	49	22.48	22.44	22.48			
20	16QAM	1	99	22.49	22.54	22.58			
20	16QAM	50	0	21.35	21.21	21.23			
20	16QAM	50	24	21.27	21.26	21.27	22.5	2	
20	16QAM	50	50	21.34	21.29	21.25			
20	16QAM	100	0	21.35	21.22	21.25			
20	64QAM	1	0	21.42	21.44	21.40	22.5	2	
20	64QAM	1	49	21.34	21.45	21.35			
20	64QAM	1	99	21.40	21.49	21.51			
20	64QAM	50	0	20.34	20.23	20.22			
20	64QAM	50	24	20.28	20.31	20.29	21.5	3	
20	64QAM	50	50	20.35	20.31	20.27			
20	64QAM	100	0	20.36	20.26	20.24			
Channel				133197	133297	133397			
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.30	23.31	23.06	24.5	0	
15	QPSK	1	37	23.12	23.06	23.10			
15	QPSK	1	74	23.11	22.99	23.13			
15	QPSK	36	0	22.26	22.14	22.04			
15	QPSK	36	20	22.07	22.04	22.06	23.5	1	
15	QPSK	36	39	22.20	22.05	22.15			
15	QPSK	75	0	22.22	22.16	22.09			
15	16QAM	1	0	22.36	22.46	22.44	23.5	1	
15	16QAM	1	37	22.36	22.20	22.24			
15	16QAM	1	74	22.39	22.34	22.45			
15	16QAM	36	0	21.12	20.97	21.14			
15	16QAM	36	20	21.26	21.21	21.21	22.5	2	
15	16QAM	36	39	21.09	21.15	21.04			
15	16QAM	75	0	21.29	21.09	21.05			
15	64QAM	1	0	21.22	21.27	21.22	22.5	2	
15	64QAM	1	37	21.19	21.36	21.24			
15	64QAM	1	74	21.30	21.28	21.44			
15	64QAM	36	0	20.15	20.16	20.09			
15	64QAM	36	20	20.17	20.25	20.24	21.5	3	
15	64QAM	36	39	20.24	20.25	20.10			
15	64QAM	75	0	20.27	20.14	20.08			
Channel				133172	133297	133422			
Frequency (MHz)				668	680.5	693			
10	QPSK	1	0	23.28	23.16	23.17	24.5	0	
10	QPSK	1	25	23.03	23.18	23.07			
10	QPSK	1	49	22.98	23.00	23.08			
10	QPSK	25	0	22.30	22.15	22.16			
10	QPSK	25	12	22.21	22.07	22.06	23.5	1	
10	QPSK	25	25	22.18	21.98	21.99			
10	QPSK	50	0	22.25	22.19	22.02			
10	16QAM	1	0	22.37	22.43	22.41	23.5	1	
10	16QAM	1	25	22.36	22.31	22.28			
10	16QAM	1	49	22.39	22.31	22.46			
10	16QAM	25	0	21.16	21.05	21.03			
10	16QAM	25	12	21.14	21.20	21.19	22.5	2	
10	16QAM	25	25	21.13	21.22	21.19			
10	16QAM	50	0	21.29	21.03	21.06			
10	64QAM	1	0	21.35	21.32	21.34	22.5	2	
10	64QAM	1	25	21.19	21.29	21.12			
10	64QAM	1	49	21.33	21.26	21.43			
10	64QAM	25	0	20.20	20.18	20.11			
10	64QAM	25	12	20.03	20.10	20.21	21.5	3	
10	64QAM	25	25	20.24	20.19	20.08			
10	64QAM	50	0	20.21	20.18	20.06			
Channel				133147	133297	133447			
Frequency (MHz)				680.5	680.5	680.5			
5	QPSK	1	0	23.27	23.35	23.10	24.5	0	
5	QPSK	1	12	23.04	23.09	23.05			
5	QPSK	1	24	23.02	23.09	23.02			
5	QPSK	12	0	22.22	22.30	22.09			
5	QPSK	12	7	22.21	22.20	22.09	23.5	1	
5	QPSK	12	13	22.12	22.11	22.10			
5	QPSK	25	0	22.26	22.12	22.07			
5	16QAM	1	0	22.34	22.33	22.36	23.5	1	
5	16QAM	1	12	22.30	22.36	22.43			
5	16QAM	1	24	22.29	22.36	22.42			
5	16QAM	12	0	21.29	20.98	21.18			
5	16QAM	12	7	21.07	21.18	21.18	22.5	2	
5	16QAM	12	13	21.26	21.16	21.01			
5	16QAM	25	0	21.15	21.05	21.09			
5	64QAM	1	0	21.24	21.20	21.33	22.5	2	
5	64QAM	1	12	21.20	21.30	21.17			
5	64QAM	1	24	21.31	21.29	21.36			
5	64QAM	12	0	20.10	20.17	20.13			
5	64QAM	12	7	20.15	20.16	20.10	21.5	3	
5	64QAM	12	13	20.20	20.05	20.22			
5	64QAM	25	0	20.19	20.18	20.08			

LTE Band 71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up time (dBm)	MPR (dB)	
Channel				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.62	23.69	23.65	24.5	0	
20	QPSK	1	49	23.49	23.50	23.53			
20	QPSK	1	99	23.58	23.59	23.47			
20	QPSK	50	0	22.69	22.71	22.57	23.5	1	
20	QPSK	50	24	22.64	22.63	22.63			
20	QPSK	50	50	22.61	22.64	22.55			
20	QPSK	100	0	22.61	22.69	22.53	23.5	1	
20	16QAM	1	0	22.85	22.92	22.84			
20	16QAM	1	49	22.82	22.88	22.74			
20	16QAM	1	99	22.77	22.79	22.69	22.5	2	
20	16QAM	50	0	21.75	21.62	21.62			
20	16QAM	50	24	21.63	21.59	21.54			
20	16QAM	50	50	21.65	21.62	21.54	21.5	3	
20	16QAM	100	0	21.65	21.57	21.52			
20	64QAM	1	0	21.69	21.73	21.73			
20	64QAM	1	49	21.87	21.71	21.66	22.5	2	
20	64QAM	1	99	21.63	21.72	21.62			
20	64QAM	50	0	20.68	20.62	20.51			
20	64QAM	50	24	20.66	20.64	20.61	21.5	3	
20	64QAM	50	50	20.69	20.64	20.58			
20	64QAM	100	0	20.64	20.64	20.55			
Channel				133197	133297	133397			
Frequency (MHz)				670.5 <th>680.5<th>690.5</th><th></th><th colspan="2"></th></th>	680.5 <th>690.5</th> <th></th> <th colspan="2"></th>	690.5			
15	QPSK	1	0	23.51	23.45	23.48	24.5	0	
15	QPSK	1	37	23.36	23.33	23.48			
15	QPSK	1	74	23.50	23.51	23.25			
15	QPSK	36	0	22.50	22.54	22.52	23.5	1	
15	QPSK	36	20	22.48	22.45	22.39			
15	QPSK	36	39	22.44	22.34	22.41			
15	QPSK	75	0	22.43	22.80	22.42	22.5	2	
15	16QAM	1	0	22.64	22.79	22.79			
15	16QAM	1	37	22.76	22.80	22.66			
15	16QAM	1	74	23.53	23.56	22.46	21.5	3	
15	16QAM	36	0	21.57	21.49	21.38			
15	16QAM	36	20	21.45	21.54	21.47			
15	16QAM	36	39	21.51	21.59	21.41	22.5	2	
15	16QAM	75	0	21.46	21.42	21.30			
15	64QAM	1	0	21.53	21.62	21.53			
15	64QAM	1	37	21.61	21.62	21.53	22.5	2	
15	64QAM	1	74	21.54	21.63	21.51			
15	64QAM	36	0	20.44	20.37	20.44			
15	64QAM	36	20	20.50	20.54	20.50	21.5	3	
15	64QAM	36	39	20.53	20.43	20.39			
15	64QAM	75	0	20.52	20.41	20.35			
Channel				133172	133297	133422			
Frequency (MHz)				668.5 <th>680.5<th>692.5</th><th></th><th colspan="2"></th></th>	680.5 <th>692.5</th> <th></th> <th colspan="2"></th>	692.5			
10	QPSK	1	0	23.56	23.47	23.46	24.5	0	
10	QPSK	1	25	23.27	23.32	23.42			
10	QPSK	1	49	23.34	23.51	23.27			
10	QPSK	25	0	22.51	22.83	22.46	23.5	1	
10	QPSK	25	12	22.48	22.41	22.46			
10	QPSK	25	25	22.36	22.55	22.36			
10	QPSK	50	0	22.41	22.47	22.44	22.5	1	
10	QPSK	50	12	22.38	22.79	22.38			
10	QPSK	1	25	22.73	22.70	22.51			
10	16QAM	1	49	22.53	22.64	22.48	23.5	1	
10	16QAM	25	0	21.52	21.53	21.36			
10	16QAM	25	12	21.43	21.36	21.39			
10	16QAM	25	25	21.53	21.54	21.45	22.5	2	
10	16QAM	50	0	21.52	21.56	21.45			
10	16QAM	1	0	21.55	21.56	21.52			
10	64QAM	1	25	21.73	21.64	21.55	22.5	2	
10	64QAM	1	49	21.49	21.51	21.55			
10	64QAM	25	0	20.54	20.39	20.35			
10	64QAM	25	12	20.41	20.42	20.50	21.5	3	
10	64QAM	25	25	20.50	20.50	20.48			
10	64QAM	50	0	20.47	20.46	20.45			
Channel				133147	133297	133447			
Frequency (MHz)				665.5 <th>680.5<th>695.5<th></th><th colspan="2"></th></th></th>	680.5 <th>695.5<th></th><th colspan="2"></th></th>	695.5 <th></th> <th colspan="2"></th>			
5	QPSK	1	0	23.53	23.56	23.34	24.5	0	
5	QPSK	1	12	23.43	23.49	23.48			
5	QPSK	1	24	23.43	23.43	23.42			
5	QPSK	12	0	22.63	22.51	22.36	23.5	1	
5	QPSK	12	7	22.44	22.47	22.44			
5	QPSK	12	19	22.43	22.43	22.35			
5	QPSK	25	0	22.47	22.62	22.59	22.5	1	
5	16QAM	1	0	22.76	22.76	22.60			
5	16QAM	1	12	22.68	22.78	22.62			
5	16QAM	1	24	22.71	22.54	22.47	21.5	2	
5	16QAM	12	0	21.50	21.46	21.45			
5	16QAM	12	7	21.46	21.53	21.47			
5	16QAM	12	13	21.47	21.48	21.48	22.5	2	
5	16QAM	25	0	21.49	21.48	21.39			
5	64QAM	1	0	21.60	21.59	21.50			
5	64QAM	1	12	21.74	21.64	21.52	22.5	2	
5	64QAM	1	24	21.51	21.56	21.46			
5	64QAM	12	0	20.53	20.47	20.55			
5	64QAM	12	7	20.50	20.50	20.50	21.5	3	
5	64QAM	12	13	20.44	20.59	20.35			
5	64QAM	25	0	20.57	20.58	20.47			

Band 41_Ant 1												
RF (MHz)	Modulation	RF BW (MHz)	RF Offset	Power Level (dBm)	Power Level (dBm)	Power Level (dBm)	Power Level (dBm)	Power Level (dBm)	Turn-on time (ms)	Turn-off time (ms)	MPE (dB)	
Channel				36750	40165	40620	41085	41540				
20	QPSK	1	0	15.84	15.23	15.80	15.54	16.83	21	0		
20	QPSK	1	90	15.59	15.29	15.87	15.53	15.80				
20	QPSK	1	180	15.84	15.23	15.80	15.54	16.83				
20	QPSK	50	16	15.82	15.26	15.80	15.58	16.72	21	0		
20	QPSK	50	50	15.63	15.32	15.86	15.59	15.78				
20	QPSK	50	134	15.85	15.24	15.80	15.54	16.77				
20	QPSK	1	0	15.52	15.33	15.82	15.62	16.82				
20	QPSK	1	45	15.81	15.17	15.74	15.60	15.72	21			
20	QPSK	1	135	15.83	15.18	15.74	15.64	15.68				
20	QPSK	50	0	15.43	15.26	15.84	15.46	15.74				
20	QPSK	50	45	15.49	15.25	15.85	15.47	15.67				
20	QPSK	50	135	15.47	15.18	15.76	15.49	15.74				
20	QPSK	100	0	15.94	15.31	15.86	15.43	15.71				
20	QPSK	100	45	15.43	15.23	15.84	15.46	15.66				
20	QPSK	100	135	15.91	15.18	15.87	15.42	15.71				
20	QPSK	1	90	15.44	15.21	15.76	15.49	15.78				
20	QPSK	1	180	15.63	15.33	15.84	15.54	15.71				
20	QPSK	50	16	15.45	15.12	15.73	15.52	15.68	21	0		
20	QPSK	50	50	15.43	15.32	15.71	15.49	15.71				
20	QPSK	50	134	15.43	15.32	15.71	15.49	15.71				
Channel				36725	40172.5	40625	41087.5	41515	Turn-on time (ms)	Turn-off time (ms)	MPE (dB)	
Frequency (MHz)				250.3	254.25	258.2	262.175	266.25				
12	QPSK	1	24	15.48	15.22	15.73	15.50	15.78				
12	QPSK	1	90	15.39	15.13	15.72	15.49	15.68	21	0		
12	QPSK	1	180	15.41	15.18	15.73	15.46	15.65				
12	QPSK	50	16	15.45	15.26	15.73	15.49	15.68				
12	QPSK	50	50	15.51	15.22	15.75	15.49	15.73				
12	QPSK	50	134	15.44	15.26	15.73	15.49	15.68	21			
12	QPSK	1	0	15.41	15.26	15.73	15.50	15.71				
12	QPSK	1	90	15.36	15.04	15.73	15.33	15.60				
12	QPSK	1	180	15.44	15.26	15.73	15.50	15.68				
12	QPSK	50	0	15.38	15.15	15.72	15.42	15.72				
12	QPSK	50	45	15.44	15.19	15.63	15.42	15.61				
12	QPSK	50	135	15.35	15.12	15.63	15.42	15.61				
12	QPSK	100	0	15.39	15.29	15.68	15.32	15.57				
12	QPSK	100	45	15.41	15.21	15.68	15.32	15.57				
12	QPSK	100	135	15.42	15.11	15.58	15.41	15.55				
12	QPSK	1	74	15.33	15.68	15.72	15.35	15.69				
12	QPSK	1	166	15.43	15.53	15.62	15.35	15.69				
12	QPSK	50	16	15.45	15.12	15.73	15.52	15.68	21	0		
12	QPSK	50	50	15.43	15.32	15.71	15.49	15.71				
12	QPSK	50	134	15.43	15.32	15.71	15.49	15.71				
Channel				36700	40160	40620	41080	41540	Turn-on time (ms)	Turn-off time (ms)	MPE (dB)	
Frequency (MHz)				250.1	254.1	258.1	262.1	266.1				
5	QPSK	1	0	15.81	15.22	15.79	15.53	16.84	21	0		
5	QPSK	1	90	15.56	15.26	15.84	15.52	15.79				
5	QPSK	1	180	15.81	15.22	15.79	15.53	16.84				
5	QPSK	1	24	15.80	15.17	15.77	15.50	15.75				
5	QPSK	1	90	15.55	15.25	15.83	15.51	15.76				
5	QPSK	1	180	15.80	15.17	15.77	15.50	15.75				
5	QPSK	50	12	15.45	15.18	15.67	15.51	15.62	21	0		
5	QPSK	50	12	15.51	15.21	15.76	15.48	15.64				
5	QPSK	50	12	15.48	15.26	15.74	15.50	15.75				
5	QPSK	12	0	15.27	15.03	15.66	15.27	15.65	21			
5	QPSK	12	90	15.43	15.03	15.66	15.27	15.65				
5	QPSK	12	180	15.45	15.26	15.62	15.30	15.68				
5	QPSK	12	7	15.45	15.12	15.66	15.30	15.66				
5	QPSK	12	16	15.45	15.13	15.66	15.30	15.66	21			
5	QPSK	12	25	15.43	15.13	15.66	15.30	15.66				
5	QPSK	50	20	15.41	15.30	15.75	15.46	15.61				
5	QPSK	50	20	15.42	15.07	15.62	15.50	15.75				
5	QPSK	1	0	15.45	15.03	15.66	15.24	15.64				
5	QPSK	1	90	15.38	15.15	15.65	15.35	15.65				
5	QPSK	1	180	15.45	15.03	15.66	15.24	15.64				
5	QPSK	12	0	15.39	15.04	15.68	15.49	15.70				
5	QPSK	12	15	15.36	15.07	15.66	15.32	15.63	21	0		

Band 41_Ant 2												
BW (MHz)	Modulation	RB Sub	RB Offset	Power (mW)	Power (mW)	Power (mW)	Power (mW)	Power (mW)	Power (mW)	Turn-on (ms)	Turn-off (ms)	MPH (dB)
Channel				36750	40165	40650	41065	41650				
Frequency (MHz)				20	20	20	20	20				
20	QPSK	1	0	20.20	20.20	20.20	20.20	20.20		21	0	
20	QPSK	1	40	20.14	20.05	20.17	20.17	20.12				
20	QPSK	1	80	20.20	20.20	20.14	20.21	20.22				
20	QPSK	50	0	20.17	20.17	20.17	20.17	20.17		21	0	
20	QPSK	50	40	20.15	20.08	20.17	20.12	20.16				
20	QPSK	50	80	20.20	20.20	20.18	20.19	20.15				
20	QPSK	100	0	20.17	20.17	20.17	20.17	20.17		21	0	
20	QPSK	100	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	100	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	150	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	150	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	150	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	200	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	200	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	200	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	250	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	250	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	250	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	300	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	300	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	300	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	350	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	350	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	350	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	400	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	400	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	400	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	450	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	450	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	450	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	500	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	500	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	500	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	550	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	550	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	550	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	600	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	600	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	600	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	650	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	650	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	650	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	700	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	700	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	700	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	750	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	750	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	750	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	800	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	800	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	800	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	850	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	850	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	850	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	900	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	900	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	900	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	950	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	950	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	950	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1000	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1000	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1000	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1050	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1050	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1050	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1100	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1100	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1100	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1150	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1150	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1150	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1200	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1200	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1200	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1250	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1250	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1250	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1300	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1300	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1300	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1350	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1350	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1350	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1400	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1400	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1400	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1450	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1450	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1450	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1500	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1500	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1500	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1550	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1550	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1550	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1600	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1600	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1600	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1650	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1650	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1650	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1700	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1700	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1700	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1750	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1750	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1750	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1800	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1800	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1800	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1850	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1850	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1850	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1900	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1900	40	20.11	20.05	20.14	20.21	20.21				
20	QPSK	1900	80	20.20	20.20	20.19	20.20	20.16				
20	QPSK	1950	0	20.07	19.98	20.11	20.12	20.09		21	0	
20	QPSK	1950	40	20.11	20.05	20.14	20.21	20.21			</	

Band 41_Ant 4												
RF	Modulation	RB Size	RF Offset	Power Level (dBm)	Power Level (dBm)	Power Level (dBm)	Power Level (dBm)	Power Level (dBm)	Power Level (dBm)	Power Level (dBm)	Turn-on time (s)	MFR (Hz)
Channel				36705	43165	48620	43165	41460				
Frequency (MHz)				2500	2640	2700	2760	2820				
20	QPSK	10	0	20.87	20.78	20.95	20.75	20.75				
20	QPSK	1	80	20.95	20.77	20.88	20.78	20.88				0
20	QPSK	10	0	20.87	20.78	20.95	20.75	20.75				
20	QPSK	50	24	20.87	20.78	20.97	20.88	20.72				
20	QPSK	50	50	20.86	20.69	20.87	20.81	20.78				
20	QPSK	50	76	20.81	20.73	20.88	20.79	20.78				
20	NRGM	50	0	20.81	20.73	20.81	20.70	20.70				
20	NRGM	50	24	20.85	20.68	20.89	20.88	20.70				
20	NRGM	50	50	20.85	20.73	20.88	20.81	20.78				22
20	NRGM	50	0	20.87	20.79	20.92	20.76	20.71				
20	NRGM	50	24	20.86	20.77	20.96	20.87	20.71				
20	NRGM	50	50	20.85	20.68	20.88	20.81	20.78				22
20	NRGM	100	0	20.84	20.71	20.88	20.72	20.64				
20	NRGM	100	24	20.85	20.68	20.88	20.81	20.70				
20	NRGM	100	50	20.85	20.73	20.88	20.81	20.78				
20	NRGM	50	0	20.87	20.79	20.92	20.76	20.71				
20	NRGM	50	24	20.85	20.78	20.97	20.79	20.73				21.5
20	NRGM	50	50	20.82	20.74	20.81	20.69	20.65				0.5
20	NRGM	50	76	20.81	20.73	20.81	20.70	20.67				
Channel <th>36725</th> <th>43172.5</th> <th>48625</th> <th>43167.5</th> <th>41455</th> <th></th> <th></th> <th></th> <th></th>				36725	43172.5	48625	43167.5	41455				
Frequency (MHz)				2900.5	2940.25	2990	3030.75	3080.5				
10	QPSK	10	0	20.87	20.78	20.95	20.75	20.75				
10	QPSK	1	80	20.95	20.68	20.80	20.65	20.76				
10	QPSK	1	14	20.90	20.65	20.76	20.68	20.76				
10	QPSK	50	24	20.87	20.73	20.88	20.84	20.68				
10	QPSK	50	50	20.87	20.73	20.88	20.81	20.78				
10	QPSK	50	76	20.73	20.58	20.81	20.68	20.73				
10	QPSK	50	102	20.78	20.63	20.88	20.81	20.78				
10	NRGM	50	0	20.78	20.67	20.85	20.71	20.65				
10	NRGM	50	24	20.85	20.58	20.84	20.84	20.65				
10	NRGM	50	50	20.78	20.63	20.88	20.81	20.78				22
10	NRGM	50	0	20.77	20.73	20.88	20.68	20.68				
10	NRGM	50	24	20.85	20.72	20.71	20.68	20.65				
10	NRGM	50	50	20.87	20.63	20.73	20.68	20.65				
10	NRGM	76	0	20.82	20.58	20.74	20.67	20.54				
10	NRGM	76	24	20.78	20.63	20.73	20.68	20.65				
10	NRGM	76	50	20.68	20.54	20.65	20.65	20.65				
10	NRGM	1	14	20.80	20.56	20.68	20.70	20.67				
10	NRGM	1	80	20.85	20.53	20.65	20.68	20.65				
10	NRGM	50	0	20.48	20.24	20.30	20.27	20.26				21.5
10	NRGM	50	24	20.57	20.30	20.45	20.25	20.21				0.5
10	NRGM	50	50	20.57	20.30	20.45	20.25	20.21				
10	NRGM	50	76	20.57	20.30	20.45	20.25	20.21				
Channel <th>36705</th> <th>43165</th> <th>48620</th> <th>43165</th> <th>41460</th> <th></th> <th></th> <th></th> <th></th>				36705	43165	48620	43165	41460				
Frequency (MHz)				2500	2640	2700	2760	2820				
10	QPSK	10	0	20.87	20.78	20.95	20.75	20.75				
10	QPSK	1	80	20.95	20.77	20.88	20.78	20.88				
10	QPSK	1	14	20.90	20.65	20.76	20.68	20.76				
10	QPSK	50	24	20.87	20.73	20.88	20.84	20.68				
10	QPSK	50	50	20.87	20.73	20.88	20.81	20.78				
10	QPSK	50	76	20.73	20.58	20.81	20.68	20.73				
10	QPSK	50	102	20.78	20.63	20.88	20.81	20.78				
10	NRGM	50	0	20.78	20.64	20.84	20.76	20.68				
10	NRGM	50	24	20.83	20.58	20.87	20.75	20.68				
10	NRGM	50	50	20.81	20.65	20.88	20.81	20.78				22
10	NRGM	50	0	20.76	20.67	20.88	20.71	20.65				
10	NRGM	50	24	20.71	20.67	20.71	20.61	20.64				
10	NRGM	50	50	20.75	20.55	20.76	20.71	20.65				
10	NRGM	50	0	20.78	20.63	20.85	20.67	20.59				
10	NRGM	50	24	20.84	20.72	20.77	20.61	20.61				
10	NRGM	50	50	20.76	20.55	20.76	20.71	20.65				22
10	NRGM	1	80	20.74	20.55	20.68	20.68	20.62				
10	NRGM	1	14	20.74	20.55	20.64	20.68	20.62				
10	NRGM	50	0	20.78	20.63	20.84	20.76	20.68				
10	NRGM	50	24	20.83	20.73	20.84	20.78	20.62				
10	NRGM	50	50	20.77	20.53	20.73	20.68	20.62				21.5
10	NRGM	50	76	20.74	20.53	20.68	20.68	20.62				0.5
10	NRGM	50	102	20.77	20.53	20.68	20.68	20.62				
10	NRGM	50	24	20.83	20.73	20.84	20.78	20.62				
10	NRGM	50	50	20.77	20.53	20.68	20.68	20.62				
10	NRGM	50	76	20.74	20.53	20.68	20.68	20.62				
10	NRGM	50	102	20.77	20.53	20.68	20.68	20.62				
10	NRGM	50	0	20.81	20.65	20.85	20.65	20.50				
10	NRGM	50	24	20.81	20.65	20.85	20.72	20.65				
10	NRGM	50	50	20.81	20.65	20.85	20.72	20.65				
10	NRGM	50	76	20.81	20.65	20.85	20.72	20.65				
10	NRGM	50	102	20.81	20.65	20.85	20.72	20.65				22
10	NRGM	50	0	20.79	20.59	20.63	20.67	20.61				
10	NRGM	50	24	20.81	20.65	20.85	20.72	20.65				
10	NRGM	50	50	20.79	20.59	20.63	20.67	20.61				
10	NRGM	50	76	20.81	20.65	20.85	20.72	20.65				
10	NRGM	50	102	20.81	20.65	20.85	20.72	20.65				
10	NRGM	12	0	20.43	20.28	20.33	20.24	20.20				21.5
10	NRGM	12	13	20.47	20.27	20.37	20.21	20.20				0.5

Part 96_Band 48_Ant 1										Part 96_Band 48_Ant 3										Part 96_Band 48_Ant 5										Part 96_Band 48_Ant 7									
BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch./Freq.	Power Low Mid Ch./Freq.	Power Low High Ch./Freq.	Power High Ch./Freq.	Time-up (min)	APRS (dB)	BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch./Freq.	Power Low Mid Ch./Freq.	Power Low High Ch./Freq.	Power High Ch./Freq.	Time-up (min)	APRS (dB)	BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch./Freq.	Power Low Mid Ch./Freq.	Power Low High Ch./Freq.	Power High Ch./Freq.	Time-up (min)	APRS (dB)	BW (MHz)	Modulation	RS Rate	RS Offset	Power Low Ch./Freq.	Power Low Mid Ch./Freq.	Power Low High Ch./Freq.	Power High Ch./Freq.	Time-up (min)	APRS (dB)
Channel										Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
20	QPSK	1	0	20.10	19.88	20.11	19.87	20.5	0	20	QPSK	1	0	22.28	22.43	22.12	22.43	23	0	20	QPSK	1	0	19.88	19.88	19.88	19.88	19.5	0	20	QPSK	1	0	19.88	19.88	19.88	19.88	19.5	0
20	QPSK	1	40	19.87	19.88	19.88	19.81	20.5	0	20	QPSK	1	40	22.49	22.39	22.39	22.32	23	0	20	QPSK	1	40	19.88	19.83	19.79	19.89	19.5	0	20	QPSK	1	40	19.87	19.83	19.72	19.72	19.5	0
20	QPSK	1	80	20.02	19.82	19.82	19.82	20.5	0	20	QPSK	1	80	22.51	22.38	22.32	22.32	23	0	20	QPSK	1	80	19.81	19.78	19.78	19.82	19.5	0	20	QPSK	1	80	19.81	19.81	19.82	19.82	19.5	0
20	QPSK	50	0	20.08	19.70	19.70	19.88	20.5	0	20	QPSK	50	0	21.57	21.42	21.12	21.42	22	1	20	QPSK	50	0	19.88	19.84	19.84	19.83	19.5	0	20	QPSK	50	0	19.87	19.83	19.81	19.77	19.5	0
20	QPSK	50	24	19.93	19.88	19.93	19.83	20.5	0	20	QPSK	50	24	21.43	21.27	21.41	21.37	22	1	20	QPSK	50	24	19.87	19.81	19.82	19.83	19.5	0	20	QPSK	50	24	19.83	19.80	19.80	19.80	19.5	0
20	QPSK	50	50	20.04	19.88	19.88	19.85	20.5	0	20	QPSK	50	50	21.48	21.37	21.41	21.37	22	1	20	QPSK	50	50	19.84	19.87	19.82	19.83	19.5	0	20	QPSK	50	50	19.82	19.79	19.87	19.72	19.5	0
20	QPSK	100	0	20.04	19.82	19.88	19.83	20.5	0	20	QPSK	100	0	21.55	21.31	21.44	21.38	22	1	20	QPSK	100	0	19.83	19.81	19.80	19.83	19.5	0	20	QPSK	100	0	19.83	19.74	19.79	19.87	19.5	0
20	QPSK	1	0	19.98	19.87	19.87	19.84	20.5	0	20	QPSK	1	0	21.53	21.32	21.47	21.39	22	1	20	QPSK	1	0	19.87	19.80	19.82	19.83	19.5	0	20	QPSK	1	0	19.84	19.80	19.72	19.78	19.5	0
20	QPSK	1	40	19.83	19.82	19.79	19.78	20.5	0	20	QPSK	1	40	21.48	21.38	21.44	21.33	22	1	20	QPSK	1	40	19.84	19.78	19.87	19.83	19.5	0	20	QPSK	1	40	19.82	19.77	19.80	19.78	19.5	0
20	QPSK	50	0	19.97	19.85	19.80	19.80	20.5	0	20	QPSK	50	0	20.56	20.38	20.53	20.43	21	2	20	QPSK	50	0	19.87	19.85	19.76	19.81	19.5	0	20	QPSK	50	0	19.74	19.67	19.60	19.74	19.5	0
20	QPSK	50	24	19.81	19.87	19.82	19.81	20.5	0	20	QPSK	50	24	20.84	20.32	20.44	20.36	21	2	20	QPSK	50	24	19.80	19.85	19.71	19.72	19.5	0	20	QPSK	50	24	19.80	19.77	19.68	19.56	19.5	0
20	QPSK	50	50	19.97	19.84	19.87	19.88	20.5	0	20	QPSK	50	50	20.84	20.29	20.32	20.30	21	2	20	QPSK	50	50	19.80	19.79	19.72	19.74	19.5	0	20	QPSK	50	50	19.77	19.72	19.68	19.61	19.5	0
20	QPSK	100	0	20.00	19.91	19.79	19.76	20.5	0	20	QPSK	100	0	20.81	20.20	20.42	20.41	21	2	20	QPSK	100	0	19.80	19.70	19.71	19.70	19.5	0	20	QPSK	100	0	19.78	19.66	19.67	19.60	19.5	0
20	QPSK	1	0	20.02	19.97	19.98	19.95	20.5	0	20	QPSK	1	0	20.54	20.27	20.40	20.30	21	2	20	QPSK	1	0	19.82	19.80	19.84	19.79	19.5	0	20	QPSK	1	0	19.80	19.79	19.77	19.74	19.5	0
20	QPSK	1	40	19.84	19.84	19.78	19.78	20.5	0	20	QPSK	1	40	20.46	20.25	20.32	20.31	21	2	20	QPSK	1	40	19.80	19.71	19.84	19.76	19.5	0	20	QPSK	1	40	19.73	19.74	19.59	19.60	19.5	0
20	QPSK	1	80	20.04	19.88	19.86	19.73	20.5	0	20	QPSK	1	80	20.46	20.33	20.32	20.42	21	2	20	QPSK	1	80	19.80	19.70	19.70	19.70	19.5	0	20	QPSK	1	80	19.72	19.66	19.64	19.61	19.5	0
20	QPSK	50	0	19.42	19.52	19.50	19.49	20.5	0	20	QPSK	50	0	19.00	19.44	19.38	19.40	20	3	20	QPSK	50	0	19.80	19.92	19.72	19.83	19.5	0	20	QPSK	50	0	19.80	19.70	19.77	19.74	19.5	0
20	QPSK	50	24	19.37	19.51	19.42	19.33	20	0.5	20	QPSK	50	24	19.58	19.41	19.49	19.38	20	3	20	QPSK	50	24	19.84	19.87	19.77	19.81	19.5	0	20	QPSK	50	24	19.82	19.72	19.65	19.62	19.5	0
20	QPSK	50	50	19.30	19.41	19.37	19.40	20	0.5	20	QPSK	50	50	19.30	19.32	19.31	19.38	20	3	20	QPSK	50	50	19.30	19.32	19.31	19.38	20	3	20	QPSK	50	50	19.30	19.32	19.31	19.38	20	3
20	QPSK	100	0	19.34	19.30	19.42	19.39	20	0.5	20	QPSK	100	0	19.34	19.40	19.40	19.37	20	3	20	QPSK	100	0	19.80	19.77	19.72	19.72	19.5	0	20	QPSK	100	0	19.77	19.68	19.73	19.63	19.5	0
Channel										Channel										Channel										Channel									
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
15	QPSK	1	0	19.93	19.88	19.82	19.88	20.5	0	15	QPSK	1	0	22.48	22.19	22.43	22.43	23	0	15	QPSK	1	0	19.87	19.88	19.78	19.78	19.5	0	15	QPSK	1	0	19.78	19.77	19.68	19.73	19.5	0
15	QPSK	1	37	19.88	19.82	19.81	19.79	20.5	0	15	QPSK	1	37	22.38	22.17	22.48	22.28	23	0	15	QPSK	1	37	19.87	19.88	19.84	19.87	19.5	0	15	QPSK	1	37	19.75	19.72	19.68	19.73	19.5	0
15	QPSK	1	74	19.83	19.88	19.80	19.86	20.5	0	15	QPSK	1	74	22.45	22.09	22.47	22.19	23	0	15	QPSK	1	74	19.87	19.83	19.86	19.79	19.5	0	15	QPSK	1	74	19.88	19.82	19.82	19.82	19.5	0
15	QPSK	50	0	19.93	19.88	19.80	19.86	20.5	0	15	QPSK	50	0	21.48	21.32	21.40	21.30	21	2	15	QPSK	50	0	19.80	19.84	19.76	19.83	19.5	0	15	QPSK	50	0	19.80	19.72	19.72	19.82	19.5	0
15	QPSK	50	24	19.83	19.84	19.82	19.79	20.5	0	15	QPSK	50	24	21.38	20.99	21.38	21.28	21	2	15	QPSK	50	24	19.82	19.82	19.72	19.74	19.5	0	15	QPSK	50	24	19.80	19.79	19.69	19.69	19.5	0
15	QPSK	50	50	19.88	19.88	19.87	19.84	20.5	0	15	QPSK	50	50	21.46	21.13	21.27	21.24	21	2	15	QPSK	50	50	19.80	19.85	19.71	19.80	19.5	0	15	QPSK	50	50	19.88	19.88	19.81	19.83	19.5	0
15	QPSK	1	0	19.84	19.86	19.80	19.74	20.5	0	15	QPSK	1	0	21.50	21.11	21.38	21.14	21	2	15	QPSK	1	0	19.74	19.86	19.77	19.70	19.5	0	15	QPSK	1	0	19.78	19.68	19.69	19.71	19.5	0
15	QPSK	1	37	19.71	19.72	19.70	19.70	20.5	0	15	QPSK	1	37	21.42	21.19	21.39	21.18	21	2	15	QPSK	1	37	19.82	19.85	19.85	19.79	19.5	0	15	QPSK	1	37	19.80	19.84	19.87	19.49	19.5	0
15	QPSK	1	74	19.84	19.79	19.80	19.79	20.5	0	15	QPSK	1	74	21.43	21.13	21.39	21.16	21	2	15	QPSK	1	74	19.82	19.80	19.80	19.82	19.5	0	15	QPSK	1	74	19.82	19.80	19.80	19.82	19.5	0
15	QPSK	50	0	19.84	19.86	19.80	19.74	20.5	0	15	QPSK	50	0	21.50	21.11	21.38	21.14	21	2	15	QPSK	50	0	19.74	19.86	19.77	19.70	19.5	0	15	QPSK	50	0	19.78	19.68	19.69	19.71	19.5	0
15	QPSK	50	24	19.71	19.72	19.70	19.70	20.5	0	15	QPSK	50	24	21.42	21.19	21.39	21.18	21	2	15	QPSK	50	24	19.82	19.85	19.85	19.79	19.5	0	15	QPSK	50	24	19.80	19.84	19.87	19.49	19.5	0
15	QPSK	50	50	19.84	19.84	19.78	19.78	20.5	0	15	QPSK	50	50	20.46	20.25	20.32	20.31	21	2	15	QPSK	50	50	19.80	19.71	19.84	19.76	19.5	0	15	QPSK	50	50	19.73	19.74	19.59	19.60	19.5	0
15	QPSK	100	0	19.93	19.88	19.80	19.86	20.5	0	15	QPSK	100	0	20.81	20.20	20.42	20.41	21	2	15	QPSK	100	0	19.80	19.70	19.71	19.70	19.5	0	15	QPSK	100	0	19.78	19.66	19.67	19.60	19.5	0
15	QPSK	1	0	20.02	19.97	19.98	19.95	20.5	0	15	QPSK	1	0	20.54	20.27	20.40	20.30	21	2	15	QPSK	1	0	19.82	19.80	19.84	19.79	19.5	0	15	QPSK	1	0	19.80	19.79	19.77	19.74	19.5	0
15	QPSK	1	40	19.84	19.84	19.78	19.78	20.5	0	15	QPSK	1	40	20.46	20.25	20.32	20.31	21	2	15	QPSK	1	40	19.80	19.71	19.84	19.76	19.5	0	15	QPSK	1	40	19.73	19.74	19.59	19.60	19.5	0

Full & Default Power Mode

n2_Ant 1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tuneup limit (dbm)	MPR (db)
Channel								
Frequency (MHz)								
20	PI2 BPSK	1	1	23.09	23.12	23.11	24.5	0.0
20	PI2 BPSK	1	53	22.99	23.06	23.06		
20	PI2 BPSK	1	104	23.00	23.14	23.04		
20	PI2 BPSK	50	0	22.97	22.96	22.97	24.0	0.5
20	PI2 BPSK	50	26	22.94	22.96	23.00	24.5	0.0
20	PI2 BPSK	50	56	22.80	22.86	22.93	24.0	0.5
20	PI2 BPSK	100	0	22.99	22.82	22.82		
20	QPSK	1	1	23.09	23.15	23.13		
20	QPSK	1	53	23.05	23.12	23.08	24.5	0.0
20	QPSK	1	104	23.01	23.13	23.11		
20	QPSK	50	0	21.94	22.06	21.96		
20	QPSK	50	26	22.02	22.08	22.01	24.5	1.0
20	QPSK	50	56	22.02	22.11	22.01	23.5	1.0
20	QPSK	100	0	21.96	22.05	21.93	23.5	1.0
20	16QAM	1	1	21.67	21.70	21.63	23.5	1.0
20	64QAM	1	1	20.24	20.33	20.30	22.0	2.5
20	256QAM	1	1	18.82	18.88	18.87	20.0	4.5
Channel								
Frequency (MHz)								
15	QPSK	1	1	371500	376000	380500	Tune-up limit (dbm)	MPR (db)
				1857.5	1860	1902.5		
Channel								
Frequency (MHz)								
10	QPSK	1	1	371000	376000	381000	Tune-up limit (dbm)	MPR (db)
				1855	1860	1905		
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.97	23.12	23.03	24.5	0.0

n2_Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	PI2 BPSK	1	1	22.68	22.70	22.68	24.5	0.0
20	PI2 BPSK	1	53	22.68	22.64	22.53		
20	PI2 BPSK	1	104	22.71	22.75	22.67		
20	PI2 BPSK	50	0	22.21	22.21	22.06	24.0	0.5
20	PI2 BPSK	50	26	22.58	22.66	22.65	24.5	0.0
20	PI2 BPSK	50	56	22.06	22.25	22.17	24.0	0.5
20	PI2 BPSK	100	0	22.24	22.19	22.15		
20	QPSK	1	1	22.67	22.66	22.79		
20	QPSK	1	53	22.67	22.79	22.68	24.5	0.0
20	QPSK	1	104	22.74	22.82	22.71		
20	QPSK	50	0	21.56	21.63	21.56		
20	QPSK	50	26	22.62	22.62	22.67	24.5	0.0
20	QPSK	50	56	21.70	21.68	21.76	23.5	1.0
20	QPSK	100	0	21.63	21.76	21.69	23.5	1.0
20	16QAM	1	1	21.55	21.56	21.53	23.5	1.0
20	64QAM	1	1	20.05	20.10	20.02	22.0	2.5
20	256QAM	1	1	18.49	18.57	18.65	20.0	4.5
Channel								
Frequency (MHz)								
15	QPSK	1	1	371500	386000	380500	Tune-up limit (dBm)	MPR (dB)
				1857.5	1860	1902.5		
Channel								
Frequency (MHz)								
10	QPSK	1	1	371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
				1855	1860	1905		
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.83	22.82	22.75	24.5	0.0

n2_Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	PI2 BPSK	1	1	22.99	23.07	23.03	24.5	0.0
20	PI2 BPSK	1	53	23.02	23.05	22.99		
20	PI2 BPSK	1	104	22.90	23.02	22.90		
20	PI2 BPSK	50	0	22.44	22.57	22.42	24.0	0.5
20	PI2 BPSK	50	26	22.98	23.05	22.91	24.5	0.0
20	PI2 BPSK	50	56	22.41	22.52	22.51	24.0	0.5
20	PI2 BPSK	100	0	22.47	22.80	22.54		
20	QPSK	1	1	23.08	23.14	23.12		
20	QPSK	1	53	23.06	23.12	23.02	24.5	0.0
20	QPSK	1	104	23.06	23.13	23.08		
20	QPSK	50	0	22.02	22.06	21.92		
20	QPSK	50	26	22.96	23.05	22.88	24.5	0.0
20	QPSK	50	56	21.96	22.00	22.02	23.5	1.0
20	QPSK	100	0	21.81	21.95	21.93	23.5	1.0
20	16QAM	1	1	21.72	21.76	21.69	23.5	1.0
20	64QAM	1	1	20.09	20.19	20.10	22.0	2.5
20	256QAM	1	1	18.55	18.70	18.63	20.0	4.5
Channel								
Frequency (MHz)								
15	QPSK	1	1	371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
				1857.5	1860	1902.5		
Channel								
Frequency (MHz)								
10	QPSK	1	1	371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
				1855	1860	1905		
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.94	23.03	23.02	24.5	0.0

n5_Ant 0									
BW [kHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq]	Power Middle Ch. [Freq]	Power High Ch. [Freq]	Tune-up limit (dBm)	MPR (dB)	
Channel				166500	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	23.44	23.52	23.47	25.0	0.0	
20	PI/2 BPSK	1	53	23.49	23.66	23.66			
20	PI/2 BPSK	1	104	23.43	23.55	23.52			
20	PI/2 BPSK	50	0	23.03	23.19	23.14	24.5	0.5	
20	PI/2 BPSK	50	28	23.34	23.52	23.39	25.0	0.0	
20	PI/2 BPSK	50	56	22.99	23.08	22.95	24.5	0.5	
20	PI/2 BPSK	100	0	22.91	23.03	22.94			
20	QPSK	1	1	23.61	23.70	23.63		0.0	
20	QPSK	1	53	23.36	23.56	23.55	25.0		
20	QPSK	1	104	23.45	23.59	23.58			
20	QPSK	50	0	22.56	22.71	22.59	24.0	1.0	
20	QPSK	50	28	23.46	23.62	23.49	25.0	0.0	
20	QPSK	50	56	22.30	22.49	22.28	24.0	1.0	
20	QPSK	100	0	22.36	22.57	22.42			
20	16QAM	1	1	22.36	22.53	22.45	24.0	1.0	
20	64QAM	1	1	21.00	21.00	20.94	22.5	2.5	
20	256QAM	1	1	19.42	19.53	19.31	20.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	25.0		
15	QPSK	1	1	23.50	23.66	23.46	25.0	0.0	
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	25.0		
10	QPSK	1	1	23.59	23.55	23.57	25.0	0.0	
Channel				167200	167300	167300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				836.5	836.5	836.5	25.0		
5	QPSK	1	1	23.58	23.60	23.51	25.0	0.0	

n5_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq]	Power Middle Ch. [Freq]	Power High Ch. [Freq]	Tune-up limit (dBm)	MPR (dB)	
Channel				166900	167300	167900			
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	23.42	23.48	23.39	25.0	0.0	
20	PI/2 BPSK	1	53	23.42	23.53	23.51			
20	PI/2 BPSK	1	104	23.38	23.50	23.48			
20	PI/2 BPSK	50	0	22.99	23.05	23.04	24.5	0.5	
20	PI/2 BPSK	50	28	23.31	23.46	23.32	25.0	0.0	
20	PI/2 BPSK	50	56	22.91	23.00	22.85	24.5	0.5	
20	PI/2 BPSK	100	0	22.87	23.02	22.91			
20	QPSK	1	1	23.61	23.56	23.55		0.0	
20	QPSK	1	53	23.35	23.36	23.46	25.0		
20	QPSK	1	104	23.44	23.53	23.50			
20	QPSK	50	0	22.48	22.57	22.52	24.0	1.0	
20	QPSK	50	28	23.39	23.52	23.42	25.0	0.0	
20	QPSK	50	56	22.24	22.36	22.24	24.0	1.0	
20	QPSK	100	0	22.36	22.45	22.35	24.0	1.0	
20	16QAM	1	1	22.31	22.38	22.37			
20	64QAM	1	1	20.89	20.96	20.89	22.5	2.5	
20	256QAM	1	1	19.39	19.42	19.27	20.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	23.45	23.55	23.53	25.0	0.0	
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	23.50	23.42	23.41	25.0	0.0	
Channel				167200	167300	167300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				836.5	836.5	836.5			
5	QPSK	1	1	23.41	23.49	23.51	25.0	0.0	

n7_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	24.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	22.96	23.10	23.05		
20	PI2 BPSK	1	53	22.91	23.05	23.01	24.0	0.5
20	PI2 BPSK	1	104	22.99	23.08	22.94		
20	PI2 BPSK	50	0	22.35	22.62	22.50		
20	PI2 BPSK	50	26	23.10	23.11	23.00	24.5	0.0
20	PI2 BPSK	50	56	22.53	22.60	22.50	24.0	0.5
20	PI2 BPSK	100	0	22.07	22.38	22.48		
20	QPSK	1	1	23.08	23.12	23.04		
20	QPSK	1	53	23.04	23.06	22.94	24.5	0.0
20	QPSK	1	104	22.95	23.09	22.96		
20	QPSK	50	0	21.87	21.97	21.82		
20	QPSK	50	26	23.02	23.08	22.97	24.5	0.0
20	QPSK	50	56	21.85	21.99	21.85	23.5	1.0
20	QPSK	100	0	21.36	22.00	21.54		
20	16QAM	1	1	21.55	21.70	21.58		
20	64QAM	1	1	20.19	20.20	20.10	22.0	2.5
20	256QAM	1	1	18.63	18.66	18.59	20.0	4.5
Channel				501600	507000	512500	24.5	0.0
Frequency (MHz)				2501.5	2535	2567.5		
15	QPSK	1	1	22.96	23.09	22.94		
Channel				501600	507000	513000	24.5	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.96	22.97	23.00		
Channel				502000	507000	512000	24.5	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.01	23.04	22.95		

n7_Ant 2

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	24.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	23.05	23.17	23.10		
20	PI2 BPSK	1	53	23.01	23.06	23.09	24.0	0.5
20	PI2 BPSK	1	104	23.04	23.17	23.00		
20	PI2 BPSK	50	0	22.38	22.61	22.46		
20	PI2 BPSK	50	26	23.00	23.05	23.07	24.5	0.0
20	PI2 BPSK	50	56	22.55	22.63	22.45	24.0	0.5
20	PI2 BPSK	100	0	22.60	22.56	22.49		
20	QPSK	1	1	23.11	23.25	23.16		
20	QPSK	1	53	23.06	23.13	23.05	24.5	0.0
20	QPSK	1	104	22.95	23.19	23.11		
20	QPSK	50	0	22.20	22.23	22.11		
20	QPSK	50	26	22.46	23.05	23.03	24.5	0.0
20	QPSK	50	56	22.00	22.02	21.95	23.5	1.0
20	QPSK	100	0	22.07	22.13	22.11		
20	16QAM	1	1	21.96	22.00	21.97		
20	64QAM	1	1	20.47	20.55	20.47	22.0	2.5
20	256QAM	1	1	19.03	19.02	18.99	20.0	4.5
Channel				501600	507000	512500	24.5	0.0
Frequency (MHz)				2501.5	2535	2567.5		
15	QPSK	1	1	22.99	23.07	23.04		
Channel				501600	507000	513000	24.5	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.01	23.07	23.03		
Channel				502000	507000	512000	24.5	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.99	23.15	23.04		

n7_Ant 4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	24.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	23.00	23.02	22.93		
20	PI2 BPSK	1	53	22.82	22.97	22.96	24.0	0.5
20	PI2 BPSK	1	104	22.89	22.95	22.92		
20	PI2 BPSK	50	0	22.31	22.56	22.52		
20	PI2 BPSK	50	26	22.85	23.00	22.99	24.5	0.0
20	PI2 BPSK	50	56	22.52	22.60	22.48	24.0	0.5
20	PI2 BPSK	100	0	22.45	22.52	22.43		
20	QPSK	1	1	22.98	23.05	23.02		
20	QPSK	1	53	22.89	23.02	22.88	24.5	0.0
20	QPSK	1	104	22.86	23.00	22.93		
20	QPSK	50	0	22.02	22.10	22.06		
20	QPSK	50	26	22.92	22.98	22.95	24.5	0.0
20	QPSK	50	56	22.00	22.07	22.02	23.5	1.0
20	QPSK	100	0	21.92	21.99	21.95		
20	16QAM	1	1	21.72	21.79	21.77		
20	64QAM	1	1	20.34	20.35	20.29	22.0	2.5
20	256QAM	1	1	18.83	18.88	18.77	20.0	4.5
Channel				501600	507000	512500	24.5	0.0
Frequency (MHz)				2501.5	2535	2567.5		
15	QPSK	1	1	22.83	23.03	22.97		
Channel				501600	507000	513000	24.5	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.94	22.92	23.00		
Channel				502000	507000	512000	24.5	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.93	22.97	22.98		

n12_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	PI/2 BPSK	1	1	23.11	23.27	23.10	24.5	0.0	
15	PI/2 BPSK	1	40	23.05	23.17	23.07			
15	PI/2 BPSK	1	77	23.28	23.20	23.12	24.0	0.5	
15	PI/2 BPSK	36	0	22.62	22.70	22.60			
15	PI/2 BPSK	36	22	23.05	23.18	23.20	24.5	0.0	
15	PI/2 BPSK	36	43	22.59	22.74	22.49	24.0	0.5	
15	PI/2 BPSK	75	0	22.38	22.73	22.59			
15	QPSK	1	1	23.20	23.30	23.21	24.5	0.0	
15	QPSK	1	40	23.20	23.13	23.09			
15	QPSK	1	77	23.15	23.16	23.16	23.5	1.0	
15	QPSK	36	0	22.07	22.06	22.00			
15	QPSK	36	22	23.24	23.29	23.19	24.5	0.0	
15	QPSK	36	43	22.09	22.08	22.05	23.5	1.0	
15	QPSK	75	0	22.00	22.19	22.09			
15	16QAM	1	1	21.87	21.95	21.90	23.5	1.0	
15	16QAM	1	1	20.48	20.59	20.38	22.0	2.5	
15	256QAM	1	1	19.10	19.04	19.07	20.0	4.5	
Channel				140900	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	23.25	23.29	23.07	24.5	0.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5 <th>707.5</th> <th>713.5</th>	707.5	713.5			
5	QPSK	1	1	23.13	23.27	23.16	24.5	0.0	

n12_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	PI/2 BPSK	1	1	23.19	23.30	23.22	24.5	0.0	
15	PI/2 BPSK	1	40	23.11	23.25	23.19			
15	PI/2 BPSK	1	77	23.30	23.31	23.17	24.0	0.5	
15	PI/2 BPSK	36	0	22.77	22.83	22.74			
15	PI/2 BPSK	36	22	23.17	23.32	23.31	24.5	0.0	
15	PI/2 BPSK	36	43	22.65	22.77	22.64	24.0	0.5	
15	PI/2 BPSK	75	0	22.66	22.80	22.67			
15	QPSK	1	1	23.25	23.36	23.24	24.5	0.0	
15	QPSK	1	40	23.26	23.26	23.19			
15	QPSK	1	77	23.18	23.30	23.20	23.5	1.0	
15	QPSK	36	0	22.09	22.12	22.09			
15	QPSK	36	22	23.20	23.30	23.24	24.5	0.0	
15	QPSK	36	43	22.14	22.18	22.12	23.5	1.0	
15	QPSK	75	0	22.10	22.20	22.12			
15	16QAM	1	1	21.97	22.10	22.02	23.5	1.0	
15	64QAM	1	1	20.59	20.80	20.48	22.0	2.5	
15	256QAM	1	1	19.12	19.18	19.16	20.0	4.5	
Channel				140900	141500	142100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	23.25	23.29	23.16	24.5	0.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	23.17	23.29	23.23	24.5	0.0	

n66_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				345000	349000	353000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	PI2 BPSK	1	1	23.15	23.26	23.16	24.5	0.0	
30	PI2 BPSK	1	80	23.17	23.20	23.19			
30	PI2 BPSK	1	158	23.11	23.22	23.10			
30	PI2 BPSK	80	0	22.89	22.75	22.87	24.0	0.5	
30	PI2 BPSK	80	40	23.20	23.25	23.23			
30	PI2 BPSK	80	80	22.85	22.73	22.85			
30	PI2 BPSK	160	0	22.80	22.66	22.64	24.0	0.5	
30	QPSK	1	1	23.20	23.30	23.24			
30	QPSK	1	80	23.19	23.25	23.12			
30	QPSK	1	158	23.17	23.21	23.17	24.5	0.0	
30	QPSK	80	0	22.16	22.22	22.21			
30	QPSK	80	40	23.09	23.23	23.22			
30	QPSK	80	80	22.19	22.24	22.20	23.5	1.0	
30	QPSK	160	0	22.26	22.20	22.15			
30	16QAM	1	1	21.80	21.80	21.86		23.5	
30	64QAM	1	1	20.37	20.48	20.47	22.0	2.5	
30	256QAM	1	1	19.02	19.05	18.96			
Channel				344000	349000	354000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	Tune-up limit (dbm)	MPR (dB)	
20	QPSK	1	1	23.08	23.19	23.16	24.5	0.0	
Channel				343000	348000	353000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dbm)	MPR (dB)	
15	QPSK	1	1	23.11	23.22	23.16	24.5	0.0	
Channel				342000	347000	352000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	Tune-up limit (dbm)	MPR (dB)	
10	QPSK	1	1	23.07	23.28	23.23	24.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dbm)	MPR (dB)	
5	QPSK	1	1	23.08	23.18	23.18	24.5	0.0	

n66_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				345000	349000	353000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	PI2 BPSK	1	1	23.01	23.22	23.10	24.5	0.0	
30	PI2 BPSK	1	80	23.04	23.16	23.16			
30	PI2 BPSK	1	158	23.02	23.19	23.04			
30	PI2 BPSK	80	0	22.96	22.81	22.99	24.0	0.5	
30	PI2 BPSK	80	40	23.18	23.22	23.11			
30	PI2 BPSK	80	80	22.98	22.81	22.87			
30	PI2 BPSK	160	0	22.49	22.56	22.52	24.0	0.5	
30	QPSK	1	1	23.17	23.27	23.12			
30	QPSK	1	80	23.16	23.21	23.08			
30	QPSK	1	158	23.08	23.18	23.08	24.5	0.0	
30	QPSK	80	0	22.15	22.17	22.20			
30	QPSK	80	40	23.05	23.21	23.13			
30	QPSK	80	80	22.09	22.12	22.18	23.5	1.0	
30	QPSK	160	0	21.98	22.19	22.11			
30	16QAM	1	1	21.76	21.85	21.82		23.5	
30	64QAM	1	1	20.27	20.34	20.43	22.0	2.5	
30	256QAM	1	1	18.92	18.96	18.94			
Channel				344000	349000	354000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	Tune-up limit (dbm)	MPR (dB)	
20	QPSK	1	1	23.10	23.14	23.10	24.5	0.0	
Channel				343500	348000	353500	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dbm)	MPR (dB)	
15	QPSK	1	1	23.02	23.24	23.04	24.5	0.0	
Channel				343000	347000	353000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	Tune-up limit (dbm)	MPR (dB)	
10	QPSK	1	1	23.15	23.22	23.05	24.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dbm)	MPR (dB)	
5	QPSK	1	1	23.10	23.14	22.87	24.5	0.0	

n66_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				345000	349000	353000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	PI2 BPSK	1	1	22.81	22.90	22.76	24.5	0.0	
30	PI2 BPSK	1	80	22.86	22.87	22.83			
30	PI2 BPSK	1	158	22.70	22.85	22.80			
30	PI2 BPSK	80	0	22.26	22.45	22.36	24.0	0.5	
30	PI2 BPSK	80	40	22.85	22.89	22.80			
30	PI2 BPSK	80	80	22.34	22.42	22.29			
30	PI2 BPSK	160	0	22.23	22.38	22.24	24.0	0.5	
30	QPSK	1	1	22.89	22.83	22.83			
30	QPSK	1	80	22.86	22.90	22.76			
30	QPSK	1	158	22.83	22.88	22.77	24.5	0.0	
30	QPSK	80	0	21.84	21.96	21.91			
30	QPSK	80	40	22.75	22.90	22.79			
30	QPSK	80	80	21.91	21.92	21.87	23.5	1.0	
30	QPSK	160	0	21.80	21.90	21.87			
30	16QAM	1	1	21.62	21.70	21.56		23.5	
30	64QAM	1	1	20.17	20.31	20.26	22.0	2.5	
30	256QAM	1	1	18.81	18.83	18.79			
Channel				344000	349000	354000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	Tune-up limit (dbm)	MPR (dB)	
20	QPSK	1	1	22.72	22.82	22.68	24.5	0.0	
Channel				343500	348000	353500	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dbm)	MPR (dB)	
15	QPSK	1	1	22.78	22.82	22.76	24.5	0.0	
Channel				343000	347000	353000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	Tune-up limit (dbm)	MPR (dB)	
10	QPSK	1	1	22.85	22.92	22.81	24.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dbm)	MPR (dB)	
5	QPSK	1	1	22.77	22.83	22.74	24.5	0.0	

n71_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				134100	136100	138100			
Frequency (MHz)				670.5	680.5	690.5			
15	PI2 BPSK	1	1	23.17	23.16	23.22	24.5	0.0	
15	PI2 BPSK	1	40	23.12	23.18	23.04			
15	PI2 BPSK	1	77	23.16	23.17	23.10			
15	PI2 BPSK	36	0	22.07	22.71	22.59	24.0	0.5	
15	PI2 BPSK	36	22	23.15	23.22	23.07	24.5	0.0	
15	PI2 BPSK	36	43	22.06	22.67	22.62	24.0	0.5	
15	PI2 BPSK	75	0	22.72	22.73	22.77			
15	QPSK	1	1	23.25	23.28	23.27			
15	QPSK	1	40	23.17	23.25	23.16	24.5	0.0	
15	QPSK	1	77	23.07	23.13	23.10			
15	QPSK	36	0	21.99	22.06	21.91	23.5	1.0	
15	QPSK	36	22	23.15	23.25	23.16	24.5	0.0	
15	QPSK	36	43	22.09	22.10	22.05	23.5	1.0	
15	QPSK	75	0	22.00	22.06	22.06	23.5	1.0	
15	16QAM	1	1	21.96	22.01	22.05			
15	64QAM	1	1	20.51	20.55	20.37	22.0	2.5	
15	256QAM	1	1	19.11	19.14	19.13	20.0	4.5	
Channel				133600	136100	136600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				666	680.5	693			
10	QPSK	1	1	23.16	23.19	23.25	24.5	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	23.17	23.19	23.23	24.5	0.0	

n71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134100	136100	138100			
Frequency (MHz)				670.5	680.5	690.5			
15	PI2 BPSK	1	1	23.26	23.30	23.26	24.5	0.0	
15	PI2 BPSK	1	40	23.16	23.21	23.13			
15	PI2 BPSK	1	77	23.20	23.26	23.13			
15	PI2 BPSK	36	0	22.77	22.63	22.69	24.0	0.0	
15	PI2 BPSK	36	22	23.23	23.25	23.12	24.5	0.0	
15	PI2 BPSK	36	43	22.74	22.78	22.67	24.0	0.0	
15	PI2 BPSK	75	0	22.73	22.86	22.62			
15	QPSK	1	1	23.34	23.35	23.25			
15	QPSK	1	40	23.26	23.32	23.22	24.5	0.0	
15	QPSK	1	77	23.16	23.26	23.16			
15	QPSK	36	0	22.07	22.16	22.02	23.5	1.0	
15	QPSK	36	22	23.27	23.28	23.23	24.5	0.0	
15	QPSK	36	43	22.13	22.21	22.17	23.5	1.0	
15	QPSK	75	0	22.13	22.19	22.16	23.5	1.0	
15	16QAM	1	1	22.06	22.15	22.10			
15	64QAM	1	1	20.60	20.63	20.48	22.0	2.5	
15	256QAM	1	1	19.25	19.28	19.15	20.0	4.5	
Channel				133600	136100	136600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	23.31	23.29	23.27	24.5	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	23.30	23.29	23.19	24.5	0.0	

n38_Ant 1									
BW (kHz)	Modulation	FE Size	FE Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turn-up time (min)	Spectrum (dB)	
Channel				51804	51800	51808			
Frequency (MHz)				22012	22015	22018			
40	PSS-BPSK	1	1	22 02	22 03	22 03			
40	PSS-BPSK	1	55	22 00	22 02	22 07		24.5	0.0
40	PSS-BPSK	1	104	22 02	22 04	22 04			
40	PSS-BPSK	80	5	22 05	22 00	22 05	24.0	0.5	
40	PSS-BPSK	101	24	22 02	22 07	22 05	24.0	0.5	
40	PSS-BPSK	160	15	22 02	22 04	22 07			
40	PSS-BPSK	160	5	22 02	22 04	22 07	24.0	0.5	
40	QPSK	1	1	22 05	22 05	22 05			
40	QPSK	1	55	22 00	22 03	22 04	24.0	0.0	
40	QPSK	1	104	22 05	22 06	22 05			
40	QPSK	101	5	21 05	21 08	21 08	23.5	1.0	
40	QPSK	160	0	21 05	21 06	21 06			
40	HQDM	1	1	21 05	21 02	21 07	22.5	1.0	
40	HQDM	1	1	20 05	20 04	20 05	20.0	2.5	
40	ZIGBEE	1	1	18 03	18 04	18 03	17.0	4.5	
Channel				51800	51800	51800	Turn-up time (min)	Spectrum (dB)	
Frequency (MHz)				22012	22015	22018			
40	QPSK	1	1	22 02	22 04	22 05	24.5	0.0	
40	QPSK	1	1	22 02	22 04	22 05	24.5	0.0	
40	QPSK	1	1	22 02	22 04	22 05	24.5	0.0	

n38_Ant 2									
BW (kHz)	Modulation	FE Size	FE Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turn-up time (min)	Spectrum (dB)	
Channel				51804	51800	51808			
Frequency (MHz)				22012	22015	22018			
40	PSS-BPSK	1	1	22 02	22 03	22 03			
40	PSS-BPSK	1	55	22 02	22 04	22 05		24.5	0.0
40	PSS-BPSK	1	104	22 02	22 03	22 03			
40	PSS-BPSK	80	5	22 01	22 00	22 05	24.0	0.5	
40	PSS-BPSK	101	24	22 00	22 07	22 04	24.0	0.5	
40	PSS-BPSK	160	15	22 02	22 04	22 07			
40	PSS-BPSK	160	5	22 02	22 04	22 07	24.0	0.5	
40	QPSK	1	1	22 05	22 07	22 05			
40	QPSK	1	55	22 00	22 03	22 04	24.0	0.0	
40	QPSK	1	104	22 05	22 06	22 05			
40	QPSK	101	5	21 05	21 08	21 08	23.5	1.0	
40	QPSK	160	0	21 05	21 06	21 06			
40	HQDM	1	1	21 07	21 04	21 07	22.5	1.0	
40	HQDM	1	1	20 05	20 04	20 05	20.0	2.5	
40	ZIGBEE	1	1	18 03	18 04	18 03	17.0	4.5	
Channel				51800	51800	51800	Turn-up time (min)	Spectrum (dB)	
Frequency (MHz)				22012	22015	22018			
40	QPSK	1	1	22 02	22 04	22 05	24.5	0.0	
40	QPSK	1	1	22 02	22 04	22 05	24.5	0.0	
40	QPSK	1	1	22 02	22 04	22 05	24.5	0.0	

n38_Ant 4									
BW (kHz)	Modulation	FE Size	FE Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turn-up time (min)	Spectrum (dB)	
Channel				51804	51800	51808			
Frequency (MHz)				22012	22015	22018			
40	PSS-BPSK	1	1	22 02	22 03	22 03			
40	PSS-BPSK	1	55	22 02	22 04	22 05		24.5	0.0
40	PSS-BPSK	1	104	22 01	22 05	22 07			
40	PSS-BPSK	80	5	22 07	22 07	22 04	24.0	0.5	
40	PSS-BPSK	101	24	22 00	22 02	22 05	24.0	0.5	
40	PSS-BPSK	160	15	22 01	22 04	22 04			
40	PSS-BPSK	160	5	22 00	22 07	22 05	24.0	0.5	
40	QPSK	1	1	22 05	22 05	22 05			
40	QPSK	1	55	22 01	22 03	22 04	24.0	0.0	
40	QPSK	1	104	22 05	22 06	22 05			
40	QPSK	101	5	21 04	21 08	21 08	23.5	1.0	
40	QPSK	160	0	21 05	21 06	21 06			
40	HQDM	1	1	21 07	21 04	21 07	22.5	1.0	
40	HQDM	1	1	20 05	20 04	20 05	20.0	2.5	
40	ZIGBEE	1	1	18 03	18 04	18 03	17.0	4.5	
Channel				51800	51800	51800	Turn-up time (min)	Spectrum (dB)	
Frequency (MHz)				22012	22015	22018			
40	QPSK	1	1	22 02	22 04	22 05	24.5	0.0	
40	QPSK	1	1	22 02	22 04	22 05	24.5	0.0	
40	QPSK	1	1	22 02	22 04	22 05	24.5	0.0	

[illegible]

Part270_n77_Ant 7									
100 MHz	Modulation	RF Size	RF Offset	Freq. Fwd. (MHz)	Freq. Lk (MHz)	Freq. Ch. Fwd.	Freq. Lk Ch. Fwd.	Turn-on time (s)	MPW
Channel									
Frequency (MHz)									
100	F3V BPSK	1	1	25.331	25.330	25.330			0.0
100	F3V BPSK	1	100	25.448	25.432	25.437		24.5	0.0
100	F3V BPSK	1	101	25.448	25.432	25.437		24.6	0.0
100	F3V BPSK	100	0	25.445	25.430	25.435		24.0	0.0
100	F3V BPSK	100	100	25.442	25.431	25.436		24.0	0.0
100	F3V BPSK	100	101	25.442	25.431	25.436		24.0	0.0
100	F3V BPSK	250	0	25.332	25.311	25.326		24.0	0.0
100	QPSK	1	100	25.332	25.311	25.326		24.0	0.0
100	QPSK	1	101	25.332	25.311	25.326		24.1	0.0
100	QPSK	1	201	25.332	25.326	25.327		24.1	0.0
100	QPSK	100	0	25.432	25.425	25.428		24.0	0.0
100	QPSK	100	100	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	101	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	201	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	250	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	251	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	252	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	253	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	254	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	255	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	256	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	257	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	258	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	259	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	260	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	261	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	262	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	263	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	264	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	265	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	266	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	267	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	268	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	269	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	270	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	271	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	272	25.432	25.425	25.428		24.1	0.0
100	QPSK	100	273	25.432	25.425	25.428		24.1	0.0

Reduced Power Mode for ECI 11

n2_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq.)	Power Mode Ch. (Freq.)	Power High Ch. (Freq.)	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	20.48	20.65	20.46	22.0	0.0	
20	PI2 BPSK	1	53	20.57	20.52	20.57			
20	PI2 BPSK	1	104	20.51	20.58	20.50	22.0	0.0	
20	PI2 BPSK	50	0	20.53	20.50	20.60			
20	PI2 BPSK	50	28	20.57	20.52	20.46	22.0	0.0	
20	PI2 BPSK	50	56	20.48	20.59	20.47			
20	PI2 BPSK	100	0	20.52	20.66	20.52	22.0	0.0	
20	QPSK	1	1	20.58	20.67	20.61			
20	QPSK	1	53	20.47	20.61	20.50	22.0	0.0	
20	QPSK	1	104	20.55	20.64	20.59			
20	QPSK	50	0	20.48	20.53	20.47	22.0	0.0	
20	QPSK	50	28	20.53	20.66	20.50			
20	QPSK	50	56	20.50	20.57	20.51	22.0	0.0	
20	QPSK	100	0	20.49	20.61	20.55			
20	16QAM	1	1	20.53	20.56	20.57	22.0	0.0	
20	64QAM	1	1	20.24	20.33	20.30			
20	256QAM	1	1	18.82	18.88	18.87	20.0	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	20.48	20.55	20.51	22.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	20.59	20.62	20.57	22.0	0.0	
Channel				370500	375000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	20.52	20.57	20.47	22.0	0.0	

n2_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq.)	Power Middle Ch. (Freq.)	Power High Ch. (Freq.)	Tune-up limit (dbm)	MPR (dB)	
Channel				372000	376000	380000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	22.68	22.70	22.68	24.5	0.0	
20	PI2 BPSK	1	53	22.68	22.64	22.53			
20	PI2 BPSK	1	104	22.71	22.75	22.67	24.0	0.5	
20	PI2 BPSK	50	0	22.21	22.21	22.05			
20	PI2 BPSK	50	28	22.58	22.66	22.65	24.5	0.0	
20	PI2 BPSK	50	56	22.05	22.25	22.17			
20	PI2 BPSK	100	0	22.24	22.19	22.15	24.0	0.5	
20	QPSK	1	1	22.67	22.59	22.15			
20	QPSK	1	53	22.67	22.75	22.68	24.5	0.0	
20	QPSK	1	104	22.74	22.82	22.71			
20	QPSK	50	0	21.56	21.63	21.56	23.5	1.0	
20	QPSK	50	28	22.50	22.62	22.57			
20	QPSK	50	56	21.70	21.68	21.76	23.5	1.0	
20	QPSK	100	0	21.63	21.75	21.59			
20	16QAM	1	1	21.55	21.58	21.53	23.5	1.0	
20	64QAM	1	1	20.05	20.10	20.02		22.5	
20	256QAM	1	1	18.49	18.57	18.65		20.0	
20	256QAM	1	1	18.49	18.57	18.65		20.0	
Channel				371000	376000	380500	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dbm)	MPR (dB)	
15	QPSK	1	1	22.86	22.88	22.64			
Channel				371000	376000	381000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905	Tune-up limit (dbm)	MPR (dB)	
10	QPSK	1	1	22.74	22.78	22.66			
Channel				370500	375000	381500	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1907.5	Tune-up limit (dbm)	MPR (dB)	
5	QPSK	1	1	22.83	22.82	22.75			

n2_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq.)	Power Mode Ch. (Freq.)	Power High Ch. (Freq.)	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	15.70	15.92	15.81	17.5	0.0	
20	PI2 BPSK	1	53	15.81	15.82	15.85			
20	PI2 BPSK	1	104	15.73	15.87	15.84			
20	PI2 BPSK	50	0	15.92	15.87	15.83	17.5	0.0	
20	PI2 BPSK	50	28	15.72	15.89	15.79	17.5	0.0	
20	PI2 BPSK	50	56	15.83	15.82	15.85	17.5	0.0	
20	PI2 BPSK	100	0	15.76	15.88	15.83	17.5	0.0	
20	QPSK	1	1	15.85	15.94	15.86			
20	QPSK	1	53	15.92	15.75	15.87	17.5	0.0	
20	QPSK	1	104	15.77	15.92	15.84			
20	QPSK	50	0	15.75	15.90	15.78	17.5	0.0	
20	QPSK	50	28	15.80	15.83	15.81			
20	QPSK	50	56	15.71	15.82	15.76	17.5	0.0	
20	QPSK	100	0	15.76	15.81	15.76			
20	16QAM	1	1	15.76	15.85	15.77	17.5	0.0	
20	64QAM	1	1	15.77	15.87	15.74		17.5	
20	256QAM	1	1	15.75	15.80	15.80		17.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	15.80	15.81	15.73			
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	15.71	15.85	15.86			
Channel				370500	375000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	15.77	15.91	15.86			

n5_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800	25.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	23.44	23.52	23.47			
20	PI/2 BPSK	1	53	23.49	23.66	23.66	25.0	0.0	
20	PI/2 BPSK	1	104	23.43	23.55	23.52			
20	PI/2 BPSK	50	0	23.03	23.19	23.14		24.5	
20	PI/2 BPSK	50	28	23.34	23.52	23.39	25.0	0.0	
20	PI/2 BPSK	50	56	22.99	23.08	22.95		24.5	
20	PI/2 BPSK	100	0	22.91	23.03	22.94		0.5	
20	QPSK	1	1	23.61	23.70	23.61	25.0	0.0	
20	QPSK	1	53	23.58	23.56	23.55			
20	QPSK	1	104	23.45	23.59	23.58			
20	QPSK	50	0	22.56	22.71	22.59	24.0	1.0	
20	QPSK	50	28	23.46	23.62	23.48		0.0	
20	QPSK	50	56	22.80	22.46	22.28		24.0	
20	QPSK	100	0	22.38	22.57	22.42	24.0	1.0	
20	16QAM	1	1	22.36	22.53	22.45		24.0	
20	64QAM	1	1	21.00	21.00	20.94		22.5	
20	256QAM	1	1	19.42	19.53	19.31	20.5	4.5	
Channel				167300	167800	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	25.0	0.0	
15	QPSK	1	1	23.50	23.66	23.46			
Channel				168800	167300	166800			
Frequency (MHz)				829	836.5	844	23.0	0.0	
10	QPSK	1	1	23.59	23.55	23.57			
Channel				169300	167300	169300			
Frequency (MHz)				826.5	836.5	846.5	25.0	0.0	
5	QPSK	1	1	23.58	23.60	23.51			

n5_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	22.47	22.52	22.38	24.0	0.0	
20	PI/2 BPSK	1	53	22.54	22.57	22.38			
20	PI/2 BPSK	1	104	22.49	22.46	22.37			
20	PI/2 BPSK	50	0	22.42	22.51	22.36	24.0	0.0	
20	PI/2 BPSK	50	28	22.42	22.53	22.49	24.0	0.0	
20	PI/2 BPSK	50	56	22.52	22.52	22.44	24.0	0.0	
20	PI/2 BPSK	100	0	22.50	22.54	22.41			
20	QPSK	1	1	22.55	22.58	22.51	24.0	0.0	
20	QPSK	1	53	22.49	22.50	22.44			
20	QPSK	1	104	22.47	22.52	22.43			
20	QPSK	50	0	22.45	22.50	22.42	24.0	0.0	
20	QPSK	50	28	22.50	22.52	22.47	24.0	0.0	
20	QPSK	50	56	22.24	22.36	22.24	24.0	0.0	
20	QPSK	100	0	22.36	22.45	22.35			
20	16QAM	1	1	22.31	22.38	22.37	24.0	0.0	
20	64QAM	1	1	20.89	20.96	20.89	22.5	1.5	
20	256QAM	1	1	19.39	19.42	19.27	20.5	3.5	
Channel				168300	167800	168300			
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	22.42	22.47	22.39	24.0	0.0	
Channel				168800	167300	168800			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	22.48	22.52	22.42	24.0	0.0	
Channel				169300	167300	169300			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	22.47	22.44	22.45	24.0	0.0	

n7_Ant 1							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq.)	Power Middle Ch. (Freq.)	Power High Ch. (Freq.)	
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	16.04	16.10	16.02	
20	PI/2 BPSK	1	53	16.02	16.09	15.94	17.5
20	PI/2 BPSK	1	104	16.03	16.09	15.96	0.0
20	PI/2 BPSK	50	0	16.01	16.02	16.06	17.5
20	PI/2 BPSK	50	28	16.08	16.12	16.00	17.5
20	PI/2 BPSK	50	56	16.03	16.11	16.02	17.5
20	PI/2 BPSK	100	0	16.07	16.01	16.07	0.0
20	QPSK	1	1	16.10	16.16	16.08	0.0
20	QPSK	1	53	16.02	16.06	16.07	17.5
20	QPSK	1	104	16.08	16.03	16.04	
20	QPSK	50	0	16.07	16.01	16.01	17.5
20	QPSK	50	28	16.09	16.12	16.05	17.5
20	QPSK	50	56	16.01	16.06	15.98	17.5
20	QPSK	100	0	16.06	16.08	16.03	17.5
20	16QAM	1	1	15.95	16.05	15.99	17.5
20	64QAM	1	1	16.00	16.03	16.03	17.5
20	256QAM	1	1	16.05	16.13	16.04	17.5
Channel				501500	507000	512000	
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	1	16.01	16.03	15.94	17.5
Channel				501000	507000	513000	
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	1	16.03	16.09	16.04	17.5
Channel				500500	507000	513500	
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	1	16.01	16.13	16.05	17.5

n7_Ant 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq.)	Power Middle Ch. (Freq.)	Power High Ch. (Freq.)	
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.05	23.17	23.10	
20	PI/2 BPSK	1	53	23.01	23.06	23.09	24.5
20	PI/2 BPSK	1	104	23.04	23.17	23.06	
20	PI/2 BPSK	50	0	22.98	22.91	22.46	24.0
20	PI/2 BPSK	50	28	23.00	23.05	23.07	24.5
20	PI/2 BPSK	50	56	22.95	22.63	22.45	24.0
20	PI/2 BPSK	100	0	22.80	22.56	22.49	0.5
20	QPSK	1	1	22.11	22.20	22.16	
20	QPSK	1	53	23.06	23.13	23.05	24.5
20	QPSK	1	104	22.95	23.19	23.11	
20	QPSK	50	0	22.20	22.23	22.11	23.5
20	QPSK	50	28	22.95	23.05	23.03	24.5
20	QPSK	50	56	22.00	22.02	21.95	23.5
20	QPSK	100	0	22.07	22.13	22.11	23.5
20	16QAM	1	1	21.96	22.00	21.97	23.5
20	64QAM	1	1	20.47	20.55	20.47	22.0
20	256QAM	1	1	19.03	19.02	18.99	20.0
Channel				501000	507000	512500	
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	1	22.99	23.07	23.04	24.5
Channel				501000	507000	513000	
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	1	23.01	23.07	23.03	24.5
Channel				500500	507000	513500	
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	1	22.99	23.15	23.04	24.5

n7_Ant 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq.)	Power Middle Ch. (Freq.)	Power High Ch. (Freq.)	
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	16.41	16.58	16.48	
20	PI/2 BPSK	1	53	16.37	16.45	16.49	18.0
20	PI/2 BPSK	1	104	16.43	16.49	16.42	0.0
20	PI/2 BPSK	50	0	16.48	16.45	16.47	18.0
20	PI/2 BPSK	50	28	16.39	16.45	16.41	18.0
20	PI/2 BPSK	50	56	16.46	16.46	16.50	18.0
20	PI/2 BPSK	100	0	16.45	16.54	16.43	0.0
20	QPSK	1	1	16.39	16.60	16.54	
20	QPSK	1	53	16.36	16.54	16.45	18.0
20	QPSK	1	104	16.43	16.58	16.47	
20	QPSK	50	0	16.43	16.45	16.45	18.0
20	QPSK	50	28	16.49	16.57	16.49	18.0
20	QPSK	50	56	16.35	16.51	16.42	18.0
20	QPSK	100	0	16.45	16.55	16.44	18.0
20	16QAM	1	1	16.44	16.51	16.43	18.0
20	64QAM	1	1	16.36	16.55	16.49	18.0
20	256QAM	1	1	16.48	16.58	16.39	18.0
Channel				501500	507000	512500	
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	1	16.47	16.53	16.42	18.0
Channel				501000	507000	513000	
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	1	16.39	16.53	16.43	18.0
Channel				500500	507000	513500	
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	1	16.36	16.57	16.43	18.0

n12_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Middle Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700	24.5	0.0
Frequency (MHz)				706.5	707.5	708.5		
15	PI2 BPSK	1	1	23.11	23.27	23.10	24.5	0.0
15	PI2 BPSK	1	40	23.05	23.17	23.07		
15	PI2 BPSK	1	77	23.26	23.20	23.12		
15	PI2 BPSK	36	0	22.62	22.70	22.60	24.0	0.5
15	PI2 BPSK	36	22	23.05	23.18	23.29	24.5	0.0
15	PI2 BPSK	36	43	22.59	22.74	22.49	24.0	0.5
15	PI2 BPSK	75	0	22.58	22.73	22.59	24.5	0.0
15	QPSK	1	1	23.26	23.30	23.21		
15	QPSK	1	40	23.20	23.13	23.09		
15	QPSK	1	77	23.15	23.16	23.16	23.5	1.0
15	QPSK	36	0	22.07	22.06	22.00		
15	QPSK	36	22	23.25	23.29	23.18		
15	QPSK	36	43	22.59	22.58	22.05	23.5	1.0
15	QPSK	75	0	22.00	22.10	22.05	23.5	1.0
15	16QAM	1	1	21.87	21.95	21.80		
15	64QAM	1	1	20.48	20.59	20.38		
256QAM				19.10	19.04	19.07	20.0	4.5
Channel				140300	141000	142000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706	707.5	711	24.5	0.0
10	QPSK	1	1	23.25	23.29	23.07		
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5	24.5	0.0
5	QPSK	1	1	23.13	23.27	23.16		

n12_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Middle Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700	24.5	0.0
Frequency (MHz)				706.5	707.5	708.5		
15	PI2 BPSK	1	1	23.19	23.30	23.22	24.5	0.0
15	PI2 BPSK	1	40	23.11	23.25	23.19		
15	PI2 BPSK	1	77	23.30	23.31	23.17		
15	PI2 BPSK	36	0	22.77	22.83	22.74	24.0	0.5
15	PI2 BPSK	36	22	23.17	23.32	23.31	24.5	0.0
15	PI2 BPSK	36	43	22.65	22.77	22.64	24.0	0.5
15	PI2 BPSK	75	0	22.66	22.80	22.67	24.5	0.0
15	QPSK	1	1	23.26	23.26	23.24		
15	QPSK	1	40	23.25	23.26	23.15		
15	QPSK	1	77	23.18	23.30	23.20	23.5	1.0
15	QPSK	36	0	22.09	22.12	22.09		
15	QPSK	36	22	23.25	23.30	23.24		
15	QPSK	36	43	22.14	22.18	22.12	23.5	1.0
15	QPSK	75	0	22.10	22.20	22.12	23.5	1.0
15	16QAM	1	1	21.97	22.10	22.02		
15	64QAM	1	1	20.59	20.60	20.48		
256QAM				19.12	19.18	19.16	20.0	4.5
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711	24.5	0.0
10	QPSK	1	1	23.25	23.29	23.16		
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5	24.5	0.0
5	QPSK	1	1	23.17	23.29	23.23		

n66_Ant 1							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Frac)	Power Middle Ch. (Frac)	Power High Ch. (Frac)	
Channel				345000	348000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI2 BPSK	1	1	21.17	21.22	21.22	
30	PI2 BPSK	1	80	21.12	21.23	21.20	22.5
30	PI2 BPSK	1	158	21.18	21.22	21.23	
30	PI2 BPSK	80	0	21.16	21.20	21.13	22.5
30	PI2 BPSK	80	40	21.16	21.20	21.22	22.5
30	PI2 BPSK	80	80	21.23	21.28	21.23	22.5
30	PI2 BPSK	160	0	21.13	21.25	21.19	22.5
30	QPSK	1	1	21.25	21.26	21.27	
30	QPSK	1	80	21.12	21.23	21.12	22.5
30	QPSK	80	0	21.12	21.19	21.24	22.5
30	QPSK	80	40	21.22	21.27	21.25	22.5
30	QPSK	80	80	21.18	21.23	21.14	22.5
30	QPSK	160	0	21.20	21.24	21.14	22.5
30	16QAM	1	1	21.21	21.31	21.23	22.5
30	64QAM	1	1	20.37	20.48	20.47	22.0
30	256QAM	1	1	18.02	19.05	18.96	20.0
Channel				345000	348000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	1	21.24	21.28	21.20	22.5
Channel				343500	348000	354500	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	21.13	21.28	21.17	22.5
Channel				343000	348000	355000	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	1	21.10	21.20	21.23	22.5
Channel				342500	348000	355500	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	21.12	21.20	21.24	22.5

n66_Ant 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Frac)	Power Middle Ch. (Frac)	Power High Ch. (Frac)	
Channel				345000	348000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI2 BPSK	1	1	23.01	23.22	23.19	
30	PI2 BPSK	1	80	23.04	23.16	23.16	24.5
30	PI2 BPSK	1	158	23.02	23.19	23.04	
30	PI2 BPSK	80	0	22.86	22.91	22.99	24.0
30	PI2 BPSK	80	40	23.18	23.22	23.11	24.5
30	PI2 BPSK	80	80	22.98	22.81	22.87	24.0
30	PI2 BPSK	160	0	22.49	22.56	22.52	24.0
30	QPSK	1	1	22.17	22.27	22.12	
30	QPSK	1	80	23.15	23.21	23.08	24.5
30	QPSK	1	155	23.08	23.18	23.08	
30	QPSK	80	0	22.15	22.17	22.20	23.5
30	QPSK	80	40	23.05	23.21	23.13	24.5
30	QPSK	80	80	22.09	22.12	22.18	23.5
30	QPSK	160	0	21.98	22.10	22.11	23.5
30	16QAM	1	1	21.76	21.85	21.82	23.5
30	64QAM	1	1	20.27	20.34	20.43	22.0
30	256QAM	1	1	18.92	18.95	18.94	20.0
Channel				344000	348000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	1	23.10	23.14	23.10	24.5
Channel				343500	348000	354500	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	23.02	23.24	23.04	24.5
Channel				343000	348000	355000	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	1	23.15	23.22	23.05	24.5
Channel				342500	348000	355500	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	23.10	23.14	22.97	24.5

n66_Ant 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Frac)	Power Middle Ch. (Frac)	Power High Ch. (Frac)	
Channel				345000	348000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI2 BPSK	1	1	17.32	17.39	17.29	
30	PI2 BPSK	1	80	17.38	17.31	17.32	19.0
30	PI2 BPSK	1	158	17.35	17.33	17.35	
30	PI2 BPSK	80	0	17.32	17.33	17.35	19.0
30	PI2 BPSK	80	40	17.39	17.43	17.27	19.0
30	PI2 BPSK	80	80	17.32	17.34	17.28	19.0
30	PI2 BPSK	160	0	17.40	17.42	17.34	19.0
30	QPSK	1	1	17.42	17.45	17.38	
30	QPSK	1	80	17.33	17.35	17.26	19.0
30	QPSK	1	158	17.31	17.43	17.33	
30	QPSK	80	0	17.37	17.30	17.34	19.0
30	QPSK	80	40	17.39	17.40	17.35	19.0
30	QPSK	80	80	17.37	17.36	17.34	19.0
30	QPSK	160	0	17.36	17.38	17.31	19.0
30	16QAM	1	1	17.35	17.38	17.27	19.0
30	64QAM	1	1	17.39	17.30	17.27	19.0
30	256QAM	1	1	17.40	17.37	17.30	19.0
Channel				344000	348000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	1	17.35	17.42	17.37	19.0
Channel				343500	348000	354500	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	17.33	17.44	17.33	19.0
Channel				343000	348000	355000	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	1	17.33	17.39	17.28	19.0
Channel				342500	348000	355500	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	17.30	17.37	17.31	19.0

n71_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				134.100	136.100	138.100		
Frequency (MHz)				670.5	680.5	690.5		
15	PI/2 BPSK	1	1	23.17	23.16	23.22		
15	PI/2 BPSK	1	40	23.12	23.18	23.04	24.5	0.0
15	PI/2 BPSK	1	77	23.16	23.17	23.10	24.0	0.5
15	PI/2 BPSK	36	0	22.07	22.71	22.03		
15	PI/2 BPSK	36	22	23.15	23.22	23.07		
15	PI/2 BPSK	36	43	22.86	22.67	22.62	24.0	0.5
15	PI/2 BPSK	75	0	22.72	22.73	22.77		
15	QPSK	1	1	23.17	23.26	23.21		
15	QPSK	1	40	23.17	23.25	23.18	24.5	0.0
15	QPSK	1	77	23.07	23.13	23.10	23.5	1.0
15	QPSK	36	0	21.89	22.06	21.91		
15	QPSK	36	22	23.15	23.25	23.18		
15	QPSK	36	43	22.89	22.10	22.86	23.5	1.0
15	QPSK	75	0	22.00	22.08	22.06	23.5	1.0
15	16QAM	1	1	21.96	22.01	22.05		
15	64QAM	1	1	20.51	20.55	20.37		
15	256QAM	1	1	19.11	19.14	19.13	20.0	4.5
Channel				133.000	135.100	137.000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665	680.5	693	24.5	0.0
10	QPSK	1	1	23.16	23.19	23.25	24.5	0.0
Channel				133.100	136.100	139.100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5	24.5	0.0
5	QPSK	1	1	23.17	23.19	23.23	24.5	0.0

n71_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134.100	136.100	138.100		
Frequency (MHz)				670.5	680.5	690.5		
15	PI/2 BPSK	1	1	23.26	23.30	23.26		
15	PI/2 BPSK	1	40	23.18	23.21	23.13	24.5	0.0
15	PI/2 BPSK	1	77	23.26	23.26	23.13	24.0	0.5
15	PI/2 BPSK	36	0	22.77	22.83	22.69		
15	PI/2 BPSK	36	22	23.23	23.25	23.12		
15	PI/2 BPSK	36	43	22.74	22.78	22.67	24.0	0.5
15	PI/2 BPSK	75	0	22.73	22.85	22.82	24.5	0.0
15	QPSK	1	1	23.26	23.35	23.18		
15	QPSK	1	40	23.26	23.32	23.22		
15	QPSK	1	77	23.16	23.28	23.16	23.5	1.0
15	QPSK	36	0	22.07	22.16	22.02		
15	QPSK	36	22	23.27	23.28	23.23		
15	QPSK	36	43	22.13	22.27	22.17	23.5	1.0
15	QPSK	75	0	22.13	22.15	22.15	23.5	1.0
15	16QAM	1	1	22.06	22.15	22.10		
15	64QAM	1	1	20.60	20.63	20.48		
15	256QAM	1	1	19.25	19.28	19.15	20.0	4.5
Channel				133.000	136.100	139.000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				669	680.5	693	24.5	0.0
10	QPSK	1	1	23.31	23.28	23.27	24.5	0.0
Channel				133.100	136.100	139.100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5	24.5	0.0
5	QPSK	1	1	23.30	23.20	23.19	24.5	0.0

n38_Ant 1												
BSF (MHz)	Modulation	RF Size	RF Offset	Power Low Ch. F (Hz)	Power Max Ch. F (Hz)	Power High Ch. F (Hz)	Turn-on time (min)	MRP (dB)				
Channel				51804	51800	51808						
Frequency (MHz)				23922	23920	23928						
AO	PSS-BPSK	1	1	15.46	15.52	15.48	17.0	0.0				
AO	PSS-BPSK	1	53	15.51	15.54	15.57						
AO	PSS-BPSK	1	104	15.52	15.49	15.47						
AO	PSS-BPSK	50	5	15.51	15.50	15.45	17.0	0.0				
AO	PSS-BPSK	50	28	15.44	15.47	15.42						
AO	PSS-BPSK	50	50	15.47	15.50	15.47						
AO	PSS-BPSK	500	5	15.45	15.54	15.57	17.0	0.0				
AO	QPSK	1	1	15.52	15.52	15.50						
AO	QPSK	1	53	15.50	15.45	15.45						
AO	QPSK	1	104	15.49	15.43	15.45	17.0	0.0				
AO	QPSK	50	5	15.41	15.40	15.40						
AO	QPSK	50	28	15.52	15.52	15.52						
AO	QPSK	500	5	15.41	15.40	15.40	17.0	0.0				
AO	QPSK	500	28	15.48	15.48	15.48						
AO	QPSK	500	50	15.45	15.47	15.50						
AO	15QAM	1	1	15.50	15.43	15.41	17.0	0.0				
AO	15QAM	1	1	15.41	15.42	15.38						
AO	15QAM	1	1	15.38	15.40	15.40						
Channel				51702	51698	51706						
Frequency (MHz)				23911	23910	23912						
AO	QPSK	1	1	15.46	15.47	15.45	17.0	0.0				
Channel				51600	51596	51604						
Frequency (MHz)				23901	23900	23902						
AO	QPSK	1	1	15.48	15.45	15.45	17.0	0.0				

n38_Ant 2												
BSF (MHz)	Modulation	RF Size	RF Offset	Power Low Ch. F (Hz)	Power Max Ch. F (Hz)	Power High Ch. F (Hz)	Turn-on time (min)	MR (dB)				
Channel				51804	51800	51808						
Frequency (MHz)				23922	23920	23928						
AO	PSS-BPSK	1	1	23.18	23.22	23.28	24.5	0.0				
AO	PSS-BPSK	1	53	23.42	23.45	23.42						
AO	PSS-BPSK	1	104	23.42	23.31	23.28						
AO	PSS-BPSK	50	5	23.01	23.02	23.02	24.0	0.5				
AO	PSS-BPSK	50	28	23.35	23.37	23.42						
AO	PSS-BPSK	50	50	23.46	23.48	23.48						
AO	PSS-BPSK	500	5	23.05	23.03	23.05	24.0	0.5				
AO	QPSK	1	1	23.02	23.02	23.02						
AO	QPSK	1	53	23.35	23.35	23.31						
AO	QPSK	1	104	23.45	23.33	23.31	24.5	0.0				
AO	QPSK	50	5	23.25	23.32	23.32						
AO	QPSK	50	28	23.42	23.35	23.32						
AO	QPSK	500	5	23.25	23.32	23.32	24.5	0.5				
AO	QPSK	500	28	23.37	23.38	23.32						
AO	QPSK	500	50	23.29	23.30	23.28						
AO	15QAM	1	1	23.07	23.14	23.21	23.5	1.0				
AO	15QAM	1	1	23.02	23.02	23.02						
AO	15QAM	1	1	23.02	23.02	23.02						
Channel				51702	51698	51706						
Frequency (MHz)				23911	23909	23913						
AO	QPSK	1	1	23.46	23.50	23.42	24.5	0.0				
Channel				51600	51596	51604						
Frequency (MHz)				23911	23909	23913						
AO	QPSK	1	1	23.25	23.32	23.41	24.5	0.5				

n38_Ant 4											
BSF (MHz)	Modulation	RF Size	RF Offset	Power Low Ch. F (Hz)	Power Max Ch. F (Hz)	Power High Ch. F (Hz)	Turn-up time (min)	Appt (dB)			
Channel				51804	51800	51808					
Frequency (MHz)				23922	23920	23928					
AO	PSS-BPSK	1	1	15.47	15.45	15.48	15.5	0.0			
AO	PSS-BPSK	1	53	15.51	15.50	15.54					
AO	PSS-BPSK	1	104	15.45	15.37	15.31					
AO	PSS-BPSK	50	5	15.49	15.45	15.31	15.5	0.0			
AO	PSS-BPSK	50	28	15.40	15.32	15.31					
AO	PSS-BPSK	50	50	15.40	15.34	15.31					
AO	PSS-BPSK	500	5	15.39	15.45	15.52	15.5	0.0			
AO	QPSK	1	1	15.52	15.52	15.50					
AO	QPSK	1	53	15.49	15.45	15.45					
AO	QPSK	1	104	15.49	15.43	15.45	15.5	0.0			
AO	QPSK	50	5	15.41	15.40	15.40					
AO	QPSK	50	28	15.52	15.52	15.52					
AO	QPSK	500	5	15.41	15.40	15.40	15.5	0.0			
AO	QPSK	500	28	15.48	15.48	15.48					
AO	QPSK	500	50	15.45	15.47	15.50					
AO	15QAM	1	1	15.50	15.43	15.41	15.5	0.0			
AO	15QAM	1	1	15.41	15.42	15.38					
AO	15QAM	1	1	15.38	15.40	15.40					
Channel				23922	23920	23928	Turn-up time (min)		Appt (dB)		
Frequency (MHz)				23922	23920	23928					
AO	QPSK	1	1	15.42	15.39	15.40	15.5	0.0			
Channel				23922	23920	23928			Turn-up time (min)		Appt (dB)
Frequency (MHz)				23922	23920	23928					
AO	QPSK	1	1	15.46	15.45	15.42	15.5	0.0			

FCC_n41_Ant 2									
Cell ID#	Modulation	RB Size	RB Offset	Ch Power (dBm)	Ch Power (dBm)	Ch Power (dBm)	Ch Power (dBm)	Turn-on (s)	SRPS (dB)
Channel									
Channel ID				Channel BW (MHz)	Channel BW (MHz)	Channel BW (MHz)	Channel BW (MHz)		
106	FDD WSPS	1	1	24.78	24.67	24.68			
107	FDD WSPS	1	137	24.63	24.71	24.74			
108	FDD WSPS	1	271	24.63	24.74	24.83			
109	FDD WSPS	106	0	24.68	24.12	24.15	20.0		0.5
110	FDD WSPS	106	65	24.50	24.50	24.17	20.0		0.5
111	FDD WSPS	106	148	24.40	24.41	24.28			0.5
112	FDD WSPS	250	0	24.62	24.11	24.20			
113	CPDS	1	1	24.60					
114	CPDS	1	137	24.68	24.68	24.68	20.0		0.0
115	CPDS	1	271	24.68	24.68	24.61			
116	CPDS	106	0	23.56	23.62	23.67	20.0		1.0
117	CPDS	106	65	23.75	23.75	23.62	20.0		0.5
118	CPDS	106	148	23.60	23.60	23.60			
119	CPDS	250	0	23.66	23.62	23.66			
120	CPDS	250	0	23.66	23.62	23.66			
121	CPDS	250	0	23.66	23.62	23.62	20.0		1.0
122	SACRAM	1	1	20.04	20.02	20.13	20.0		2.0
123	PROVIDE	1	1	20.03	20.00	20.09	20.0		1.5
Channel									
Frequency (MHz)				2461	2560.35	2647.58			
50	CPDS	1	1	24.62	24.67	24.70			0.5
51	CPDS	1	137	24.63	24.71	24.74			0.5
Frequency (MHz)				2550.02	2550.02	2550.02			
52	CPDS	1	1	24.70	24.67	24.63			0.5
Frequency (MHz)				2551.01	2550.70	2550.70			
70	CPDS	1	1	24.67	24.67	24.70			0.5
71	CPDS	1	137	24.63	24.71	24.74			0.5
72	CPDS	1	271	24.63	24.74	24.83			0.5
80	CPDS	106	0	24.68	24.12	24.15	20.0		0.5
81	CPDS	106	65	24.50	24.50	24.17	20.0		0.5
82	CPDS	106	148	24.40	24.41	24.28			0.5
83	CPDS	250	0	24.62	24.11	24.20			0.5
84	CPDS	250	0	24.68	24.68	24.61	20.0		0.0
85	CPDS	250	0	24.68	24.68	24.61	20.0		0.0
86	CPDS	250	0	24.68	24.68	24.61	20.0		0.0
87	CPDS	250	0	24.68	24.68	24.61	20.0		0.0
88	CPDS	250	0	24.68	24.68	24.61	20.0		0.0
89	CPDS	250	0	24.68	24.68	24.61	20.0		0.0
90	CPDS	250	0	24.68	24.68	24.61	20.0		0.0
91	CPDS	250	0	24.68	24.68	24.61	20.0		0.0
92	CPDS	250	0	24.68	24.68	24.61	20.0		0.0
93	CPDS	250	0	24.68	24.68	24.61	20.0		0.0
94	CPDS	250	0	24.68	24.68	24.61	20.0		0.0

FCC_n41_Ant 4									
Bit Rate	Modulation	RB Size	QPS Const	Power Ch / Freq Ch (W/Hz)	Power Ch / Freq Ch (W/Hz)	Power Ch / Freq Ch (W/Hz)	Time slot start (sec)	Time slot end (sec)	SPR (dB)
Channel									
Frequency (MHz)				2500.0	5100.0	5000.0			
100	PSS-SPRS	1	1	17.00	16.00	16.00			
100	PSS-SPRS	1	13F	17.00	16.00	17.00	16.0		
100	PSS-SPRS	1	21	17.00	16.00	17.00			
100	PSS-SPRS	126	5	17.00	16.00	17.00	16.0	0.0	
100	PSS-SPRS	126	18	16.00	16.00	17.00	16.0	0.0	
100	PSS-SPRS	126	18	16.00	16.00	17.00	16.0	0.0	
100	CPFSF	250	5	17.00	16.00	17.00	16.0	0.0	
100	CPFSF	1	1	17.00	17.00	17.00			
100	CPFSF	1	13F	17.00	16.00	17.00	16.0	0.0	
100	CPFSF	1	211	16.00	16.00	17.00	16.0	0.0	
100	CPFSF	126	5	17.00	16.00	17.00	16.0	0.0	
100	CPFSF	126	18	16.00	16.00	17.00	16.0	0.0	
100	CPFSF	126	18	16.00	16.00	17.00	16.0	0.0	
100	CPFSF	250	5	17.00	17.00	16.00			
100	CPFSF	1	1	16.00	16.00	17.00	16.0	0.0	
100	QAM64	1	1	17.00	16.00	17.00	16.0	0.0	
100	2TQAM	1	1	16.00	16.00	17.00	16.0	0.0	
Channel									
Frequency (MHz)				2501.0	2502.0	2503.0			
50	CPFSF	1	1	16.00	16.00	16.00			
50	CPFSF	1	13F	16.00	16.00	16.00	16.0	0.0	
50	CPFSF	1	21	16.00	16.00	16.00			
50	CPFSF	126	5	16.00	16.00	16.00	16.0	0.0	
Channel									
Frequency (MHz)				2501.5	2502.0	2503.0			
50	CPFSF	1	1	16.00	16.00	16.00			
50	CPFSF	1	13F	16.00	16.00	16.00	16.0	0.0	
50	CPFSF	1	21	16.00	16.00	16.00			
50	CPFSF	126	5	16.00	16.00	16.00	16.0	0.0	
Channel									
Frequency (MHz)				2502.0	2502.5	2503.0			
50	CPFSF	1	1	16.00	16.00	16.00			
50	CPFSF	1	13F	16.00	16.00	16.00	16.0	0.0	
50	CPFSF	1	21	16.00	16.00	16.00			
50	CPFSF	126	5	16.00	16.00	16.00	16.0	0.0	
Channel									
Frequency (MHz)				2502.5	2503.0	2503.5			
50	CPFSF	1	1	16.00	16.00	16.00			
50	CPFSF	1	13F	16.00	16.00	16.00	16.0	0.0	
50	CPFSF	1	21	16.00	16.00	16.00			
50	CPFSF	126					Time slot start (sec)	Time slot end (sec)	
Channel									
Frequency (MHz)				2503.0	2503.5	2504.0			
50	CPFSF	1	1	16.00	16.00	16.00			
50	CPFSF	1	13F	16.00	16.00	16.00	16.0	0.0	
50	CPFSF	1	21	16.00	16.00	16.00			
50	CPFSF	126					Time slot start (sec)	Time slot end (sec)	
Channel									
Frequency (MHz)				2503.5	2504.0	2504.5			
50	CPFSF	1	1	16.00	16.00	16.00			
50	CPFSF	1	13F	16.00	16.00	16.00	16.0	0.0	
50	CPFSF	1	21	16.00	16.00	16.00			
50	CPFSF	126					Time slot start (sec)	Time slot end (sec)	

Part27Q_n77_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Time Ch. 1 (T _{Frame})	Frame Rate Ch. 1 (F _{Frame})	Frame Rate Ch. 2 (F _{Frame})	Turn-up time (min)	SAPs (dB)	
Channel									
Frequency (MHz)									
100	PUSC-BPSK	1	1	17.35	57.60				
100	PUSC-BPSK	1	137	17.35			16.0	0.0	
100	PUSC-BPSK	1	271	17.35					
100	PUSC-BPSK	100	5	17.35	17.35	17.35	16.0	0.0	
100	PUSC-BPSK	100	99	17.35					
100	PUSC-BPSK	100	138	17.35					
100	PUSC-BPSK	200	5	17.35	17.35	17.35	16.0	0.0	
100	QPSK	1	1	17.35					
100	QPSK	1	137	17.35			16.0	0.0	
100	QPSK	100	5	17.35					
100	QPSK	100	99	17.35					
100	QPSK	100	138	17.35					
100	QPSK	200	5	17.35					
100	QPSK	200	99	17.35					
100	QPSK	200	138	17.35					
100	QPSK	200	177	17.35					
100	QPSK	200	215	17.35					
100	QPSK	200	253	17.35					
100	QPSK	200	291	17.35					
100	QPSK	200	329	17.35					
100	QPSK	200	367	17.35					
100	QPSK	200	405	17.35					
100	QPSK	200	443	17.35					
100	QPSK	200	481	17.35					
100	QPSK	200	519	17.35					
100	QPSK	200	557	17.35					
100	QPSK	200	595	17.35					
100	QPSK	200	633	17.35					
100	QPSK	200	671	17.35					
100	QPSK	200	709	17.35					
100	QPSK	200	747	17.35					
100	QPSK	200	785	17.35					
100	QPSK	200	823	17.35					
100	QPSK	200	861	17.35					
100	QPSK	200	899	17.35					
100	QPSK	200	937	17.35					
100	QPSK	200	975	17.35					
100	QPSK	200	1013	17.35					
100	QPSK	200	1051	17.35					
100	QPSK	200	1089	17.35					
100	QPSK	200	1127	17.35					
100	QPSK	200	1165	17.35					
100	QPSK	200	1203	17.35					
100	QPSK	200	1241	17.35					
100	QPSK	200	1279	17.35					
100	QPSK	200	1317	17.35					
100	QPSK	200	1355	17.35					
100	QPSK	200	1393	17.35					
100	QPSK	200	1431	17.35					
100	QPSK	200	1469	17.35					
100	QPSK	200	1507	17.35					
100	QPSK	200	1545	17.35					
100	QPSK	200	1583	17.35					
100	QPSK	200	1621	17.35					
100	QPSK	200	1659	17.35					
100	QPSK	200	1697	17.35					
100	QPSK	200	1735	17.35					
100	QPSK	200	1773	17.35					
100	QPSK	200	1811	17.35					
100	QPSK	200	1849	17.35					
100	QPSK	200	1887	17.35					
100	QPSK	200	1925	17.35					
100	QPSK	200	1963	17.35					
100	QPSK	200	2001	17.35					
100	QPSK	200	2039	17.35					
100	QPSK	200	2077	17.35					
100	QPSK	200	2115	17.35					
100	QPSK	200	2153	17.35					
100	QPSK	200	2191	17.35					
100	QPSK	200	2229	17.35					
100	QPSK	200	2267	17.35					
100	QPSK	200	2305	17.35					
100	QPSK	200	2343	17.35					
100	QPSK	200	2381	17.35					
100	QPSK	200	2419	17.35					
100	QPSK	200	2457	17.35					
100	QPSK	200	2495	17.35					
100	QPSK	200	2533	17.35					
100	QPSK	200	2571	17.35					
100	QPSK	200	2609	17.35					
100	QPSK	200	2647	17.35					
100	QPSK	200	2685	17.35					
100	QPSK	200	2723	17.35					
100	QPSK	200	2761	17.35					
100	QPSK	200	2799	17.35					
100	QPSK	200	2837	17.35					
100	QPSK	200	2875	17.35					
100	QPSK	200	2913	17.35					
100	QPSK	200	2951	17.35					
100	QPSK	200	2989	17.35					
100	QPSK	200	3027	17.35					
100	QPSK	200	3065	17.35					
100	QPSK	200	3103	17.35					
100	QPSK	200	3141	17.35					
100	QPSK	200	3179	17.35					
100	QPSK	200	3217	17.35					
100	QPSK	200	3255	17.35					
100	QPSK	200	3293	17.35					
100	QPSK	200	3331	17.35					
100	QPSK	200	3369	17.35					
100	QPSK	200	3407	17.35					
100	QPSK	200	3445	17.35					
100	QPSK	200	3483	17.35					
100	QPSK	200	3521	17.35					
100	QPSK	200	3559	17.35					
100	QPSK	200	3597	17.35					
100	QPSK	200	3635	17.35					
100	QPSK	200	3673	17.35					
100	QPSK	200	3711	17.35					
100	QPSK	200	3749	17.35					
100	QPSK	200	3787	17.35					
100	QPSK	200	3825	17.35					
100	QPSK	200	3863	17.35					
100	QPSK	200	3901	17.35					
100	QPSK	200	3939	17.35					
100	QPSK	200	3977	17.35					
100	QPSK	200	4015	17.35					
100	QPSK	200	4053	17.35					
100	QPSK	200	4091	17.35					
100	QPSK	200	4129	17.35					
100	QPSK	200	4167	17.35					
100	QPSK	200	4205	17.35					
100	QPSK	200	4243	17.35					
100	QPSK	200	4281	17.35					
100	QPSK	200	4319	17.35					
100	QPSK	200	4357	17.35					
100	QPSK	200	4395	17.35					
100	QPSK	200	4433	17.35					
100	QPSK	200	4471	17.35					
100	QPSK	200	4509	17.35					
100	QPSK	200	4547	17.35					
100	QPSK	200	4585	17.35					
100	QPSK	200	4623	17.35					
100	QPSK	200	4661	17.35					
100	QPSK	200	4699	17.35					
100	QPSK	200	4737	17.35					
100	QPSK	200	4775	17.35					
100	QPSK	200	4813	17.35					
100	QPSK	200	4851	17.35					
100	QPSK	200	4889	17.35					
100	QPSK	200	4927	17.35					
100	QPSK	200	4965	17.35					
100	QPSK	200	5003	17.35					
100	QPSK	200	5041	17.35					
100	QPSK	200	5079	17.35					
100	QPSK	200	5117	17.35					
100	QPSK	200	5155	17.35					
100	QPSK	200	5193	17.35					
100	QPSK	200	5231	17.35					
100	QPSK	200	5269	17.35					
100	QPSK	200	5307	17.35					
100	QPSK	200	5345	17.35					
100	QPSK	200	5383	17.35					
100	QPSK	200	5421	17.35					
100	QPSK	200	5459	17.35					
100	QPSK	200	5497	17.35					
100	QPSK	200	5535	17.35					
100	QPSK	200	5573	17.35					
100	QPSK	200	5611	17.35					
100	QPSK	200	5649	17.35					
100	QPSK	200	5687	17.35					
100	QPSK	200	5725	17.35					
100	QPSK	200	5763	17.35					
100	QPSK	200	5801	17.35					
100	QPSK	200	5839	17.35					
100	QPSK	200	5877	17.35					
100	QPSK	200	5915	17.35					
100	QPSK	200	5953	17.35					
100	QPSK	200	5991	17.35					
100	QPSK	200	6029	17.35					
100	QPSK	200	6067	17.35					
100	QPSK	200	6105	17.35					
100	QPSK	200	6143	17.35					
100	QPSK	200	6181	17.35					
100	QPSK	200	6219	17.35					
100	QPSK	200	6257	17.35					
100	QPSK	200	6295	17.35					
100	QPSK	200	6333	17.35					
100	QPSK	200	6371	17.35					
100	QPSK	200	6409	17.35					
100	QPSK	200	6447	17.35					
100	QPSK	200	6485	17.					



Part27Q_n77_Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. 1 (Fem)	Power Max. Ch. 1 (Fem)	Power High Ch. 1 (Fem)	Turn-up (m)	dBm (dB)	
Channel									
Frequency (MHz)									
100	PSS-BPSK	1	1	90.45					
100	PSS-BPSK	1	137	10.48			20.0	0.0	
100	PSS-BPSK	1	271	10.50					
100	PSS-BPSK	36	5	10.51	10.53	10.57	20.0	0.0	
100	PSS-BPSK	136	49	10.43	10.58	10.58	20.0	0.0	
100	PSS-BPSK	136	138	10.57	10.58	10.58	20.0	0.0	
100	PSS-BPSK	200	5	10.54	10.58	10.58	20.0	0.0	
100	QPSK	1	1	10.52					
100	QPSK	1	137	10.48			20.0	0.0	
100	QPSK	1	271	10.43					
100	QPSK	136	5	10.54	10.58	10.58	20.0	0.0	
100	QPSK	136	49	10.55	10.58	10.58	20.0	0.0	
100	QPSK	136	138	10.49	10.58	10.58	20.0	0.0	
100	QPSK	200	5	10.47	10.58	10.58	20.0	0.0	
100	VSQAM	1	1	10.45	10.58	10.58	20.0	0.0	
100	VSQAM	1	1	10.45	10.58	10.58	20.0	0.0	
100	VSQAM	1	1	10.52	10.58	10.58	20.0	0.0	
100	VSQAM	1	1	10.52	10.58	10.58	20.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	10.52	10.58	10.58	20.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	10.52	10.58	10.58	20.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	10.52	10.58	10.58	20.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.44	10.47	10.47	20.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.44	10.47	10.47	20.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	10.55	10.45	10.45	20.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	10.55	10.47	10.47	20.0	0.0	

Part27Q_n77_Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. 1 (Fem)	Power Max. Ch. 1 (Fem)	Power High Ch. 1 (Fem)	Turn-up (m)	dBm (dB)	
Channel									
Frequency (MHz)									
100	PSS-BPSK	1	1	10.45	10.45	10.45			
100	PSS-BPSK	1	137	10.45	10.48	10.50	20.0	0.0	
100	PSS-BPSK	1	271	10.45	10.53	10.57			
100	PSS-BPSK	36	5	10.27	10.33	10.35	20.0	0.0	
100	PSS-BPSK	136	49	10.17	10.35	10.35	20.0	0.0	
100	PSS-BPSK	136	138	10.32	10.35	10.35	20.0	0.0	
100	PSS-BPSK	200	5	10.29	10.33	10.35	20.0	0.0	
100	QPSK	1	1	10.25	10.35	10.35			
100	QPSK	1	137	10.27	10.35	10.35	20.0	0.0	
100	QPSK	1	271	10.21	10.35	10.37			
100	QPSK	136	5	10.25	10.35	10.35	20.0	0.0	
100	QPSK	136	49	10.25	10.35	10.35	20.0	0.0	
100	QPSK	136	138	10.25	10.35	10.35	20.0	0.0	
100	QPSK	200	5	10.26	10.34	10.35	20.0	0.0	
100	VSQAM	1	1	10.18	10.37	10.35	20.0	0.0	
100	VSQAM	1	1	10.24	10.35	10.35	20.0	0.0	
100	VSQAM	1	1	10.22	10.35	10.35	20.0	0.0	
100	VSQAM	1	1	10.22	10.35	10.35	20.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	10.27	10.35	10.35	20.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	10.27	10.35	10.35	20.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.22	10.30	10.32	20.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.22	10.30	10.32	20.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	10.23	10.28	10.28	20.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	10.23	10.28	10.28	20.0	0.0	

Part27Q_n77_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. 1 (Fem)	Power Max. Ch. 1 (Fem)	Power High Ch. 1 (Fem)	Turn-up (m)	dBm (dB)	
Channel									
Frequency (MHz)									
100	PSS-BPSK	1	1	10.45					
100	PSS-BPSK	1	137	10.71			10.5	0.0	
100	PSS-BPSK	1	271	10.62					
100	PSS-BPSK	36	5	10.47	10.53	10.55	10.5	0.0	
100	PSS-BPSK	136	49	10.32	10.55	10.55	10.5	0.0	
100	PSS-BPSK	136	138	10.73	10.55	10.55	10.5	0.0	
100	PSS-BPSK	200	5	10.42	10.55	10.55	10.5	0.0	
100	QPSK	1	1	10.58					
100	QPSK	1	137	10.55			10.5	0.0	
100	QPSK	1	271	10.85					
100	QPSK	136	5	10.72	10.55	10.55	10.5	0.0	
100	QPSK	136	49	10.51	10.55	10.55	10.5	0.0	
100	QPSK	136	138	10.58	10.55	10.55	10.5	0.0	
100	QPSK	200	5	10.57	10.55	10.55	10.5	0.0	
100	VSQAM	1	1	10.75	10.55	10.55	10.5	0.0	
100	VSQAM	1	1	10.74	10.55	10.55	10.5	0.0	
100	VSQAM	1	1	10.72	10.55	10.55	10.5	0.0	
100	VSQAM	1	1	10.72	10.55	10.55	10.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	10.72	10.55	10.55	10.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	10.72	10.55	10.55	10.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.67	10.43	10.47	10.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.67	10.43	10.47	10.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	10.69	10.47	10.49	10.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	10.69	10.47	10.49	10.5	0.0	

Part27Q_n77_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. 1 (Fem)	Power Max. Ch. 1 (Fem)	Power High Ch. 1 (Fem)	Turn-on (m)	dBm (dB)	
Channel									
Frequency (MHz)									
100	PSS-BPSK	1	1	10.30	10.35	10.40			
100	PSS-BPSK	1	137	10.40	10.45	10.50	10.5		
100	PSS-BPSK	1	271	10.47	10.52	10.57			
100	PSS-BPSK	36	5	10.25	10.30	10.35	10.5	0.0	
100	PSS-BPSK	136	49	10.14	10.30	10.35	10.5	0.0	
100	PSS-BPSK	136	138	10.24	10.30	10.35	10.5	0.0	
100	PSS-BPSK	200	5	10.29	10.30	10.35	10.5	0.0	
100	QPSK	1	1	10.17	10.31	10.35			
100	QPSK	1	137	10.27	10.31	10.35	10.5	0.0	
100	QPSK	1	271	10.21	10.30	10.35			
100	QPSK	136	5	10.25	10.30	10.35	10.5	0.0	
100	QPSK	136	49	10.24	10.30	10.35	10.5	0.0	
100	QPSK	136	138	10.24	10.30	10.35	10.5	0.0	
100	QPSK	200	5	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	138	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	271	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	405	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	539	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	673	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	807	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	941	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	1075	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	1209	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	1343	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	1477	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	1611	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	1745	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	1879	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	2013	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	2147	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	2281	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	2415	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	2549	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	2683	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	2817	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	2951	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	3085	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	3219	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	3353	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	3487	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	3621	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	3755	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	3889	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	4023	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	4157	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	4291	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	4425	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	4559	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	4693	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	4827	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	4961	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	5095	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	5229	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	5363	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	5497	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	5631	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	5765	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	5899	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	6033	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	6167	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	6301	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	6435	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	6569	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	6703	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	6837	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	6971	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	7105	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	7239	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	7373	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	7507	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	7641	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	7775	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	7909	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	8043	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	8177	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	8311	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	8445	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	8579	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	8713	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	8847	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	8981	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	9115	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	9249	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	9383	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	9517	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	9651	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	9785	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	9919	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	10053	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	10187	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	10321	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	10455	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	10589	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	10723	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	10857	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	10991	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	11125	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	11259	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	11393	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	11527	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	11661	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	11795	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	11929	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	12063	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	12197	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	12331	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	12465	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	12599	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	12733	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	12867	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	13001	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	13135	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	13269	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	13403	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	13537	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	13671	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	13805	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	13939	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	14073	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	14207	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	14341	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	14475	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	14609	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	14743	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	14877	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	15011	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	15145	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	15279	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	15413	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	15547	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	15681	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	15815	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	15949	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	16083	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	16217	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	16351	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	16485	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	16619	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200	16753	10.26	10.30	10.35	10.5	0.0	
100	QPSK	200							

Reduced Power Mode for ECI 12

n2_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	21.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	19.44	19.58	19.37		
20	PI2 BPSK	1	53	19.46	19.40	19.43	21.0	0.0
20	PI2 BPSK	1	104	19.40	19.54	19.41		
20	PI2 BPSK	50	0	19.48	19.52	19.57		
20	PI2 BPSK	50	28	19.48	19.40	19.38	21.0	0.0
20	PI2 BPSK	50	56	19.33	19.44	19.37	21.0	0.0
20	PI2 BPSK	100	0	19.47	19.57	19.51	21.0	0.0
20	QPSK	1	1	19.55	19.63	19.55		
20	QPSK	1	53	19.45	19.46	19.41		
20	QPSK	1	104	19.50	19.57	19.57	21.0	0.0
20	QPSK	50	0	19.35	19.44	19.32		
20	QPSK	50	28	19.35	19.56	19.56		
20	QPSK	50	56	19.44	19.54	19.39	21.0	0.0
20	QPSK	100	0	19.48	19.54	19.45	21.0	0.0
20	16QAM	1	1	19.50	19.41	19.50		
20	64QAM	1	1	19.40	19.48	19.45		
20	256QAM	1	1	19.53	19.56	19.57	20.0	1.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5	21.0	0.0
15	QPSK	1	1	19.49	19.57	19.50		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1900	21.0	0.0
10	QPSK	1	1	19.45	19.53	19.53		
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5	21.0	0.0
5	QPSK	1	1	19.51	19.57	19.52		

n2_Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	24.5	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.68	22.70	22.68		
20	PI2 BPSK	1	53	22.68	22.64	22.53	24.0	0.5
20	PI2 BPSK	1	104	22.71	22.75	22.67		
20	PI2 BPSK	50	0	22.21	22.21	22.05		
20	PI2 BPSK	50	28	22.58	22.66	22.65	24.5	0.0
20	PI2 BPSK	50	56	22.05	22.25	22.17	24.0	0.5
20	PI2 BPSK	100	0	22.24	22.19	22.16		
20	QPSK	1	1	22.67	22.50	22.75		
20	QPSK	1	53	22.67	22.79	22.66	24.5	0.0
20	QPSK	1	104	22.74	22.62	22.71		
20	QPSK	50	0	21.56	21.63	21.56		
20	QPSK	50	28	21.56	22.62	22.57	24.5	0.0
20	QPSK	50	56	21.70	21.68	21.76	23.5	1.0
20	QPSK	100	0	21.63	21.76	21.69		
20	16QAM	1	1	21.55	21.58	21.53		
20	64QAM	1	1	20.05	20.10	20.02	22.0	2.5
20	256QAM	1	1	18.49	18.57	18.65	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5	24.5	0.0
15	QPSK	1	1	22.86	22.88	22.84		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1900	24.5	0.0
10	QPSK	1	1	22.74	22.78	22.66		
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5	24.5	0.0
5	QPSK	1	1	22.83	22.62	22.75		

n2_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	16.5	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	14.69	14.98	14.89		
20	PI2 BPSK	1	53	14.81	14.82	14.89	16.5	0.0
20	PI2 BPSK	1	104	14.73	14.90	14.85		
20	PI2 BPSK	50	0	14.76	14.92	14.84		
20	PI2 BPSK	50	28	14.71	14.89	14.82	16.5	0.0
20	PI2 BPSK	50	56	14.86	14.80	14.83	16.5	0.0
20	PI2 BPSK	100	0	14.71	14.89	14.91		
20	QPSK	1	1	14.55	15.00	14.97		
20	QPSK	1	53	14.77	14.88	14.83	16.5	0.0
20	QPSK	1	104	14.74	14.91	14.93		
20	QPSK	50	0	14.83	14.79	14.76		
20	QPSK	50	28	14.38	14.95	14.92	16.5	0.0
20	QPSK	50	56	14.76	14.90	14.79	16.5	0.0
20	QPSK	100	0	14.82	14.85	14.80		
20	16QAM	1	1	14.80	14.88	14.84		
20	64QAM	1	1	14.79	14.92	14.73	16.5	0.0
20	256QAM	1	1	14.71	14.85	14.88	16.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5	16.5	0.0
15	QPSK	1	1	14.90	14.89	14.85		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1900	16.5	0.0
10	QPSK	1	1	14.80	14.87	14.93		
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5	16.5	0.0
5	QPSK	1	1	14.82	14.95	14.84		

n5_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	23.44	23.52	23.47	25.0	0.0	
20	PI2 BPSK	1	53	23.49	23.56	23.56			
20	PI2 BPSK	1	104	23.43	23.55	23.52			
20	PI2 BPSK	50	0	23.03	23.19	23.14	24.5	0.5	
20	PI2 BPSK	50	28	23.34	23.52	23.39	25.0	0.0	
20	PI2 BPSK	50	56	22.99	23.08	22.95	24.5	0.5	
20	PI2 BPSK	100	0	22.91	23.00	22.94			
20	QPSK	1	1	23.61	23.70	23.61			
20	QPSK	1	53	23.38	23.56	23.55	25.0	0.0	
20	QPSK	1	104	23.45	23.59	23.58	24.0	1.0	
20	QPSK	50	0	22.96	22.71	22.59			
20	QPSK	50	28	23.46	23.52	23.44			
20	QPSK	50	56	22.30	22.49	22.28	24.0	1.0	
20	QPSK	100	0	22.38	22.57	22.42			
20	16QAM	1	1	22.36	22.53	22.45	24.0	1.0	
20	64QAM	1	1	21.00	21.00	20.94	22.5	2.5	
20	256QAM	1	1	19.42	19.53	19.31	20.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	23.50	23.66	23.48	25.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				839	836.5	844			
10	QPSK	1	1	23.59	23.55	23.57	25.0	0.0	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	23.58	23.60	23.51	25.0	0.0	

n5_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166600	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	21.32	21.44	21.32	23.0	0.0	
20	PI2 BPSK	1	53	21.51	21.52	21.26			
20	PI2 BPSK	1	104	21.43	21.45	21.34			
20	PI2 BPSK	50	0	21.38	21.39	21.33	23.0	0.0	
20	PI2 BPSK	50	28	21.29	21.52	21.48	23.0	0.0	
20	PI2 BPSK	50	56	21.43	21.38	21.35	23.0	0.0	
20	PI2 BPSK	100	0	21.43	21.39	21.40			
20	QPSK	1	1	21.54	21.58	21.50			
20	QPSK	1	53	21.37	21.46	21.51	23.0	0.0	
20	QPSK	1	104	21.38	21.46	21.38	23.0	0.0	
20	QPSK	50	0	21.32	21.37	21.41			
20	QPSK	50	28	21.46	21.52	21.46			
20	QPSK	50	56	21.12	21.30	21.15	23.0	0.0	
20	QPSK	100	0	21.42	21.47	21.40			
20	16QAM	1	1	21.44	21.37	21.43	23.0	0.0	
20	64QAM	1	1	20.89	20.96	20.89	22.5	0.5	
20	256QAM	1	1	19.39	19.42	19.27	20.5	2.5	
Channel				166300	167300	168300	Tune-up limit	MPR	
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)	
15	QPSK	1	1	21.35	21.38	21.45	23.0	0.0	
Channel				165800	167300	168800	Tune-up limit	MPR	
Frequency (MHz)				829	836.5	844	(dBm)	(dB)	
10	QPSK	1	1	21.41	21.38	21.37	23.0	0.0	
Channel				166300	167300	168300	Tune-up limit	MPR	
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)	
5	QPSK	1	1	21.37	21.49	21.33	23.0	0.0	

n7_Ant 1

RF [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				25.15	25.35	25.60		
20	PI2 BPSK	1	1	14.99	15.08	14.88	16.5	0.0
20	PI2 BPSK	1	53	14.92	15.06	14.89		
20	PI2 BPSK	1	104	14.89	14.97	14.92		
20	PI2 BPSK	50	0	14.87	14.98	15.02	16.5	0.0
20	PI2 BPSK	50	28	14.97	14.97	14.85	16.5	0.0
20	PI2 BPSK	50	56	14.97	14.97	14.89	16.5	0.0
20	PI2 BPSK	100	0	14.93	15.00	15.06	16.5	0.0
20	QPSK	1	1	15.10	15.13	15.05		
20	QPSK	1	53	14.94	14.94	14.97		
20	QPSK	1	104	15.02	14.93	14.89	16.5	0.0
20	QPSK	50	0	15.05	15.10	14.97	16.5	0.0
20	QPSK	50	28	15.08	15.11	14.96	16.5	0.0
20	QPSK	50	56	15.00	14.92	14.87	16.5	0.0
20	QPSK	100	0	14.93	14.95	14.89	16.5	0.0
20	16QAM	1	1	14.93	15.00	14.96		
20	64QAM	1	1	14.90	14.95	14.91		
20	256QAM	1	1	15.03	15.01	14.96	16.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.06	15.05	14.96	16.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.07	15.07	14.83	16.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.97	15.10	14.88	16.5	0.0

n7_Ant 2

RF [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				25.10	25.35	25.60		
20	PI2 BPSK	1	1	23.05	23.17	23.10	24.5	0.0
20	PI2 BPSK	1	53	23.01	23.06	23.09		
20	PI2 BPSK	1	104	23.04	23.17	23.00		
20	PI2 BPSK	50	0	22.98	22.61	22.46	24.0	0.5
20	PI2 BPSK	50	28	23.00	23.05	23.07	24.5	0.0
20	PI2 BPSK	50	56	22.85	22.63	22.45	24.0	0.5
20	PI2 BPSK	100	0	22.90	22.56	22.49		
20	QPSK	1	1	23.11	23.20	23.15		
20	QPSK	1	53	23.06	23.13	23.05	24.5	0.0
20	QPSK	1	104	22.95	23.19	23.11	23.5	1.0
20	QPSK	50	0	22.20	22.23	22.11		
20	QPSK	50	28	22.76	23.05	23.03		
20	QPSK	50	56	22.00	22.02	21.95	23.5	1.0
20	QPSK	100	0	22.07	22.13	22.11	23.5	1.0
20	16QAM	1	1	21.96	22.00	21.97		
20	64QAM	1	1	20.47	20.55	20.47		
20	256QAM	1	1	19.03	19.02	18.99	20.0	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.99	23.07	23.04	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502	2535	2565		
10	QPSK	1	1	23.01	23.07	23.03	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.99	23.15	23.04	24.5	0.0

n7_Ant 4

RF [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				25.15	25.35	25.60		
20	PI2 BPSK	1	1	15.33	15.55	15.38	17.0	0.0
20	PI2 BPSK	1	53	15.32	15.44	15.44		
20	PI2 BPSK	1	104	15.33	15.48	15.30		
20	PI2 BPSK	50	0	15.43	15.42	15.40	17.0	0.0
20	PI2 BPSK	50	28	15.27	15.31	15.29	17.0	0.0
20	PI2 BPSK	50	56	15.44	15.40	15.44	17.0	0.0
20	PI2 BPSK	100	0	15.38	15.42	15.40		
20	QPSK	1	1	15.35	15.37	15.45		
20	QPSK	1	53	15.33	15.43	15.41	17.0	0.0
20	QPSK	1	104	15.32	15.53	15.34	17.0	0.0
20	QPSK	50	0	15.33	15.54	15.34		
20	QPSK	50	28	15.45	15.55	15.43		
20	QPSK	50	56	15.21	15.42	15.38	17.0	0.0
20	QPSK	100	0	15.37	15.43	15.40	17.0	0.0
20	16QAM	1	1	15.32	15.47	15.35		
20	64QAM	1	1	15.31	15.41	15.39		
20	256QAM	1	1	15.45	15.50	15.32	17.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.40	15.54	15.34	17.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.42	15.47	15.33	17.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.34	15.56	15.40	17.0	0.0

n12_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700	24.5	0.0	
Frequency (MHz)				706.5	707.5	708.5			
15	PI2 BPSK	1	1	23.11	23.27	23.10	24.5	0.0	
15	PI2 BPSK	1	40	23.06	23.17	23.07			
15	PI2 BPSK	1	77	23.28	23.20	23.12			
15	PI2 BPSK	36	0	22.62	22.70	22.60	24.0	0.5	
15	PI2 BPSK	36	22	23.05	23.18	23.29	24.5	0.0	
15	PI2 BPSK	36	43	22.59	22.74	22.49	24.0	0.5	
15	PI2 BPSK	75	0	22.56	22.75	22.59	24.5	0.0	
15	QPSK	1	1	23.26	23.30	23.21			
15	QPSK	1	40	23.20	23.13	23.08			
15	QPSK	1	77	23.15	23.16	23.16	23.5	1.0	
15	QPSK	36	0	22.07	22.06	22.00	23.5	1.0	
15	QPSK	36	22	23.25	23.29	23.15	24.5	0.0	
15	QPSK	36	43	22.08	22.08	22.05	23.5	1.0	
15	QPSK	75	0	22.00	22.19	22.06	23.5	1.0	
15	16QAM	1	1	21.87	21.95	21.90			
15	64QAM	1	1	20.48	20.59	20.38			
15	256QAM	1	1	19.10	19.04	19.07	20.0	4.5	
Channel				140900	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711	24.5	0.0	
10	QPSK	1	1	23.24	23.29	23.07	24.5	0.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5	24.5	0.0	
5	QPSK	1	1	23.13	23.27	23.16	24.5	0.0	

n12_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141600	141700	24.5	0.0	
Frequency (MHz)				706.5	707.5	708.5			
15	PI2 BPSK	1	1	23.19	23.30	23.22	24.5	0.0	
15	PI2 BPSK	1	40	23.11	23.26	23.19			
15	PI2 BPSK	1	77	23.30	23.31	23.17			
15	PI2 BPSK	36	0	22.77	22.83	22.74	24.0	0.5	
15	PI2 BPSK	36	22	23.17	23.32	23.31	24.5	0.0	
15	PI2 BPSK	36	43	22.65	22.77	22.64	24.0	0.5	
15	PI2 BPSK	75	0	22.66	22.80	22.67	24.5	0.0	
15	QPSK	1	1	23.26	23.36	23.24			
15	QPSK	1	40	23.26	23.26	23.19			
15	QPSK	1	77	23.18	23.30	23.20	23.5	1.0	
15	QPSK	36	0	22.09	22.12	22.09	23.5	1.0	
15	QPSK	36	22	23.25	23.30	23.24	24.5	0.0	
15	QPSK	36	43	22.14	22.18	22.12	23.5	1.0	
15	QPSK	75	0	22.10	22.20	22.12	23.5	1.0	
15	16QAM	1	1	21.97	22.10	22.02			
15	64QAM	1	1	20.59	20.60	20.48			
15	256QAM	1	1	19.12	19.18	19.16	20.0	4.5	
Channel				140900	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711	24.5 <td colspan="2">0.0</td>	0.0	
10	QPSK	1	1	23.25	23.29	23.16	24.5	0.0	
Channel				140300	141600	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5 <th>707.5</th> <th>713.5</th> <th>24.5<td colspan="2">0.0</td></th>	707.5	713.5	24.5 <td colspan="2">0.0</td>	0.0	
5	QPSK	1	1	23.17	23.29	23.23	24.5	0.0	

n66_Ant 1								
RF [MHz]	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)				1725	1745	1765		
30	PI2 BPSK	1	1	20.11	20.08	20.11	21.5	0.0
30	PI2 BPSK	1	80	20.09	20.11	20.19		
30	PI2 BPSK	1	158	20.17	20.19	20.11		
30	PI2 BPSK	80	0	20.07	20.23	20.01	21.5	0.0
30	PI2 BPSK	80	40	20.01	20.15	20.10	21.5	0.0
30	PI2 BPSK	80	80	20.11	20.15	20.11	21.5	0.0
30	PI2 BPSK	160	0	20.01	20.10	20.07	21.5	0.0
30	QPSK	1	1	20.24	20.31	20.27		
30	QPSK	1	80	20.06	20.20	20.05		
30	QPSK	1	158	20.06	20.11	20.14	21.5	0.0
30	QPSK	80	0	20.08	20.09	20.18		
30	QPSK	80	40	20.20	20.26	20.23		
30	QPSK	80	80	20.15	20.21	20.12	21.5	0.0
30	QPSK	160	0	20.13	20.22	20.15	21.5	0.0
30	16QAM	1	1	20.08	20.26	20.18		
30	64QAM	1	1	20.12	20.23	20.08		
30	256QAM	1	1	19.92	19.95	19.96	20.0	1.5
Channel				344000	349000	349000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.19	20.22	20.14	21.5	0.0
Channel				343000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1713.5	1745	1772.5		
15	QPSK	1	1	20.11	20.18	20.25	21.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.19	20.24	20.19	21.5	0.0
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.11	20.24	20.12	21.5	0.0

n66_Ant 2								
RF [MHz]	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)				1725	1745	1765		
30	PI2 BPSK	1	1	23.01	23.22	23.10	24.5	0.0
30	PI2 BPSK	1	80	23.04	23.16	23.16		
30	PI2 BPSK	1	158	23.02	23.19	23.04		
30	PI2 BPSK	80	0	22.86	22.61	22.59	24.0	0.5
30	PI2 BPSK	80	40	23.18	23.22	23.11	24.5	0.0
30	PI2 BPSK	80	80	22.88	22.61	22.87	24.0	0.5
30	PI2 BPSK	160	0	22.46	22.36	22.32		
30	QPSK	1	1	23.17	23.27	23.12		
30	QPSK	1	80	23.15	23.21	23.06	24.5	0.0
30	QPSK	1	158	23.08	23.18	23.08	23.5	1.0
30	QPSK	80	0	22.15	22.17	22.20		
30	QPSK	80	40	23.06	23.21	23.13		
30	QPSK	80	80	22.95	22.12	22.18	23.5	1.0
30	QPSK	160	0	21.98	22.19	22.11	23.5	1.0
30	16QAM	1	1	21.76	21.86	21.82		
30	64QAM	1	1	20.27	20.34	20.43		
30	256QAM	1	1	18.92	18.95	18.94	20.0	4.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.10	23.14	23.10	24.5	0.0
Channel				343000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1713.5	1745	1772.5		
15	QPSK	1	1	23.02	23.24	23.04	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.15	23.22	23.05	24.5	0.0
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.10	23.14	22.97	24.5	0.0

n66_Ant 4								
RF [MHz]	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)				1725	1745	1765		
30	PI2 BPSK	1	1	16.31	16.35	16.25	18.0	0.0
30	PI2 BPSK	1	80	16.36	16.26	16.24		
30	PI2 BPSK	1	158	16.20	16.28	16.26		
30	PI2 BPSK	80	0	16.28	16.25	16.27	18.0	0.0
30	PI2 BPSK	80	40	16.25	16.28	16.24	18.0	0.0
30	PI2 BPSK	80	80	16.27	16.26	16.24	18.0	0.0
30	PI2 BPSK	160	0	16.26	16.36	16.21		
30	QPSK	1	1	16.32	16.40	16.31		
30	QPSK	1	80	16.22	16.16	16.21	18.0	0.0
30	QPSK	1	158	16.22	16.29	16.22	18.0	0.0
30	QPSK	80	0	16.25	16.16	16.23		
30	QPSK	80	40	16.35	16.37	16.32		
30	QPSK	80	80	16.26	16.25	16.31	18.0	0.0
30	QPSK	160	0	16.34	16.35	16.22	18.0	0.0
30	16QAM	1	1	16.34	16.29	16.24		
30	64QAM	1	1	16.26	16.22	16.13		
30	256QAM	1	1	16.32	16.33	16.18	18.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.25	16.35	16.31	18.0	0.0
Channel				343000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1713.5	1745	1772.5		
15	QPSK	1	1	16.29	16.29	16.33	18.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.20	16.31	16.31	18.0	0.0
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.24	16.33	16.23	18.0	0.0

n71_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				134.100	136.100	138.100			
Frequency (MHz)				670.5	680.5	690.5			
15	PI2 BPSK	1	1	23.17	23.16	23.22	24.5	0.0	
15	PI2 BPSK	1	40	23.12	23.18	23.04			
15	PI2 BPSK	1	77	23.16	23.17	23.10			
15	PI2 BPSK	36	0	22.67	22.71	22.59	24.0	0.5	
15	PI2 BPSK	36	22	23.15	23.22	23.07	24.5	0.0	
15	PI2 BPSK	36	43	22.66	22.67	22.62	24.0	0.5	
15	PI2 BPSK	75	0	22.72	22.73	22.77			
15	QPSK	1	1	23.25	23.28	23.27	24.5	0.0	
15	QPSK	1	40	23.17	23.25	23.18			
15	QPSK	1	77	23.07	23.13	23.10			
15	QPSK	36	0	21.99	22.06	21.91	23.5	1.0	
15	QPSK	36	22	23.15	23.25	23.16	24.5	0.0	
15	QPSK	36	43	22.09	22.10	22.06	23.5	1.0	
15	QPSK	75	0	22.00	22.08	22.06			
15	16QAM	1	1	21.96	22.01	22.05	23.5	1.0	
15	64QAM	1	1	20.51	20.55	20.37	22.0	2.5	
15	256QAM	1	1	19.11	19.14	19.13	20.0	4.0	
Channel				133000	136100	138000	Tune-up limit	MPR	
Frequency (MHz)				668	680.5	693	(dBm)	(dB)	
10	QPSK	1	1	23.16	23.19	23.25	24.5	0.0	
Channel				133100	136100	138100	Tune-up limit	MPR	
Frequency (MHz)				669.5	680.5	692.5	(dBm)	(dB)	
5	QPSK	1	1	23.17	23.19	23.23	24.5	0.0	

n71_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Medu Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134.100	136.100	138.100			
Frequency (MHz)				676.5	680.5	690.5			
15	PI2 BPSK	1	1	23.26	23.30	23.26	24.5	0.0	
15	PI2 BPSK	1	40	23.18	23.21	23.13			
15	PI2 BPSK	1	77	23.20	23.26	23.13			
15	PI2 BPSK	36	0	22.77	22.83	22.69	24.0	0.5	
15	PI2 BPSK	36	22	23.23	23.29	23.12	24.5	0.0	
15	PI2 BPSK	36	43	22.74	22.78	22.67	24.0	0.5	
15	PI2 BPSK	75	0	22.73	22.80	22.62			
15	QPSK	1	1	23.30	23.35	23.25	24.5	0.0	
15	QPSK	1	40	23.26	23.32	23.22			
15	QPSK	1	77	23.16	23.28	23.16			
15	QPSK	36	0	22.07	22.16	22.02	23.5	1.0	
15	QPSK	36	22	23.21	23.28	23.23	24.5	0.0	
15	QPSK	36	43	22.13	22.21	22.17	23.5	1.0	
15	QPSK	75	0	22.13	22.19	22.16			
15	16QAM	1	1	22.06	22.15	22.10	23.5	1.0	
15	64QAM	1	1	20.60	20.63	20.48	22.0	2.5	
15	256QAM	1	1	19.25	19.28	19.15	20.0	4.5	
Channel				133600	136300	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	23.31	23.28	23.27	24.5	0.0	
Channel				133100	136100	138100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				669.5	680.5	690.5			
5	QPSK	1	1	23.30	23.29	23.19	24.5	0.0	

n38_Ant 1									
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low (2.5 Freq)	Power Mean (2.5 Freq)	Power High (2.5 Freq)	Time-gap (ms)	MPTT (dB)	
Channel				2100.12	2100.12	2100.12			
Frequency (MHz)									
40	PUSC BPSK	1	1	14.84	14.84	14.73	16.5	0.0	
40	PUSC BPSK	1	33	14.84	14.84	14.87			
40	PUSC BPSK	1	104	14.90	14.93	14.88			
40	PUSC BPSK	90	0	14.86	14.85	14.78			
40	PUSC BPSK	90	26	14.93	14.93	14.85			
40	PUSC BPSK	90	56	14.91	14.88	14.78	16.5	0.0	
40	PUSC BPSK	90	0	14.86	14.85	14.77			
40	QPSK	1	1	14.93	14.98	14.91			
40	QPSK	1	33	14.87	14.94	14.82			
40	QPSK	1	104	14.92	14.87	14.88			
40	QPSK	90	0	14.85	14.88	14.84	16.5	0.0	
40	QPSK	90	26	14.93	14.93	14.85			
40	QPSK	90	56	14.89	14.92	14.81			
40	QPSK	90	0	14.76	14.83	14.82			
40	QPSK	90	1	14.91	14.89	14.81			
40	QPSK	1	1	14.79	14.96	14.80	16.5	0.0	
40	QPSK	1	33	14.87	14.94	14.82			
40	QPSK	1	104	14.92	14.87	14.88			
40	QPSK	90	0	14.85	14.88	14.84			
40	QPSK	90	26	14.93	14.93	14.85			
40	QPSK	90	56	14.89	14.92	14.81	16.5	0.0	
40	QPSK	90	0	14.76	14.83	14.82			
40	QPSK	90	1	14.91	14.89	14.81			
40	QPSK	1	1	14.79	14.96	14.80			
40	QPSK	1	33	14.87	14.94	14.82			
Channel				2100.12	2100.12	2100.12			
Frequency (MHz)									
30	QPSK	1	1	14.91	14.94	14.82	16.5	0.0	
30	QPSK	1	33	14.91	14.93	14.94			
30	QPSK	1	104	14.87	14.95	14.77			
30	QPSK	1	1	14.87	14.95	14.77			
30	QPSK	1	33	14.87	14.95	14.77			

n38_Ant 2									
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low (2.5 Freq)	Power Mean (2.5 Freq)	Power High (2.5 Freq)	Timegap (ms)	MPTT (dB)	
Channel									
				2100.12	2100.12	2100.12			
Frequency (MHz)									
40	PUSC BPSK	1	1	23.19	23.22	23.28	24.5	0.0	
40	PUSC BPSK	1	33	23.42	23.45	23.42			
40	PUSC BPSK	1	104	23.42	23.31	23.28			
40	PUSC BPSK	90	0	22.81	22.82	22.82			
40	PUSC BPSK	90	26	23.35	23.37	23.42			
40	PUSC BPSK	90	56	22.89	22.88	22.85	24.0	0.0	
40	PUSC BPSK	90	0	22.82	22.83	22.84			
40	QPSK	1	1	23.33	23.37	23.31			
40	QPSK	1	33	23.29	23.35	23.42			
40	QPSK	1	104	23.43	23.33	23.31			
40	QPSK	90	0	22.25	22.32	22.30	24.5	1.0	
40	QPSK	90	26	23.23	23.24	23.23			
40	QPSK	90	56	22.97	22.98	22.93			
40	QPSK	90	0	22.29	22.30	22.28			
40	QPSK	90	1	21.97	21.94	22.01			
40	QPSK	1	1	20.52	20.52	20.52	25.0	2.5	
40	QPSK	1	33	20.52	20.52	20.52			
40	QPSK	1	104	19.14	19.14	19.10			
40	QPSK	90	0	21.97	21.95	21.95			
40	QPSK	90	1	21.97	21.94	22.01			
Channel									
Frequency (MHz)				2000.11	2000.10	2000.10			
30	QPSK	1	1	23.24	23.25	23.42	24.5	0.0	
30	QPSK	1	33	23.11	23.13	23.24			
30	QPSK	1	104	23.00	23.00	23.00			
30	QPSK	1	1	23.26	23.35	23.41			
30	QPSK	1	33	23.26	23.35	23.41			
Channel									
Frequency (MHz)				2000.11	2000.10	2000.10			
30	QPSK	1	1	23.24	23.25	23.42	24.5	0.0	
30	QPSK	1	33	23.11	23.13	23.24			
30	QPSK	1	104	23.00	23.00	23.00			
30	QPSK	1	1	23.26	23.35	23.41			
30	QPSK	1	33	23.26	23.35	23.41			

n38_Ant 4									
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low (2.5 Freq)	Power Mean (2.5 Freq)	Power High (2.5 Freq)	Timegap (ms) (dBm)		
Channel									
Frequency (MHz)									
40	PUSC BPSK	1	1	15.82	15.82	15.77	17.5	0.0	
40	PUSC BPSK	1	33	15.82	15.77	15.82			
40	PUSC BPSK	1	104	15.82	15.86	15.82			
40	PUSC BPSK	90	0	15.81	15.81	15.74			
40	PUSC BPSK	90	26	15.80	15.82	15.86			
40	PUSC BPSK	90	56	15.80	15.80	15.72	17.5	0.0	
40	PUSC BPSK	90	0	15.74	15.80	15.74			
40	QPSK	1	1	15.63	15.98	15.71			
40	QPSK	1	33	15.69	15.89	15.72			
40	QPSK	1	104	15.79	15.85	15.87			
40	QPSK	90	0	15.62	15.89	15.89	17.5	0.0	
40	QPSK	90	26	15.76	15.84	15.88			
40	QPSK	90	56	15.79	15.79	15.80			
40	QPSK	90	0	15.74	15.85	15.81			
40	QPSK	90	1	15.71	15.73	15.80			
40	QPSK	1	1	15.70	15.79	15.81	17.5	0.0	
40	QPSK	1	33	15.71	15.87	15.76			
40	QPSK	1	104	15.71	15.87	15.76			
40	QPSK	90	0	15.62	15.89	15.89			
40	QPSK	90	26	15.76	15.84	15.88			
Channel									
Frequency (MHz)									
30	QPSK	1	1	15.72	15.96	15.89	17.5	0.0	
30	QPSK	1	33	15.71	15.73	15.82			
30	QPSK	1	104	15.70	15.80	15.80			
30	QPSK	1	1	15.77	15.91	15.85			
30	QPSK	1	33	15.77	15.91	15.85			

FCC_n41_Ant 1									
BW (MHz)	Modulation	RF Desc	SB Offset	Power Low (C-1 Power)	Power Max (C-1 Power)	Power High (C-1 Power)	Turnup (m)	dBm	MPT (dB)
Channel				2500.00	5.0000	2500.00			
Frequency (MHz)				2500.01	2500.99	2500			
100	PSS-BPSK	1	1	14.80	14.80	14.80			
100	PSS-BPSK	1	137	14.80	14.80	14.80			
100	PSS-BPSK	1	271	14.80	14.80	14.80	16.5	0.0	
100	PSS-BPSK	155	0	14.80	14.80	14.80			
100	PSS-BPSK	155	95	14.80	14.80	14.80	16.5	0.0	
100	PSS-BPSK	155	138	14.80	14.70	14.70	16.5	0.0	
100	PSS-BPSK	270	0	14.80	14.80	14.80			
100	QPSK	1	1	15.00	14.90	14.90			
100	QPSK	1	137	14.81	14.74	14.67	16.5	0.0	
100	QPSK	1	271	14.80	14.80	14.81			
100	QPSK	155	0	14.80	14.74	14.60	16.5	0.0	
100	QPSK	155	95	14.80	14.72	14.60	16.5	0.0	
100	QPSK	155	138	14.80	14.77	14.70	16.5	0.0	
100	QPSK	270	0	14.80	14.80	14.70			
100	QPSK	1	1	14.80	14.70	14.70	16.5	0.0	
100	QPSK	1	1	14.87	14.70	14.71	16.5	0.0	
100	QPSK	1	1	14.80	14.70	14.60	16.5	0.0	
Channel									
Frequency (MHz)				2501	2502.99	2504.00			
50	QPSK	1	1	14.97	14.70	14.70	16.5	0.0	
Channel				2502.01	5.0000	2502.00			
Frequency (MHz)				2502.02	2502.99	2503.00			
80	QPSK	1	1	14.80	14.80	14.80	16.5	0.0	
Channel				2503.01	2503.99	2505			
70	QPSK	1	1	14.80	14.80	14.80	16.5	0.0	
Channel				2505.01	5.0000	2505.00			
Frequency (MHz)				2505	2502.99	2503.00			
80	QPSK	1	1	14.80	14.80	14.80	16.5	0.0	
Channel				2503.01	2503.99	2505			
70	QPSK	1	1	14.80	14.80	14.80	16.5	0.0	
Channel				2505.01	5.0000	2505.00			
Frequency (MHz)				2505.02	2505.99	2506.00			
80	QPSK	1	1	14.80	14.80	14.80	16.5	0.0	
Channel				2506.01	2506.99	2508			
60	QPSK	1	1	14.80	14.80	14.80	16.5	0.0	
Channel				2508.01	2508.99	2510			
50	QPSK	1	1	14.80	14.80	14.80	16.5	0.0	
Channel				2510.01	2510.99	2512			
40	QPSK	1	1	14.80	14.80	14.80	16.5	0.0	
Channel				2512.01	2512.99	2514			
30	QPSK	1	1	14.80	14.80	14.80	16.5	0.0	
Channel				2514.01	2514.99	2516			
20	QPSK	1	1	14.87	14.80	14.80	16.5	0.0	

FCC_n41_Ant 2									
BW (MHz)	Modulation	RF Desc	SB Offset	Power Low (C-1 Power)	Power Max (C-1 Power)	Power High (C-1 Power)	Turnup (m)	dBm	MPT (dB)
Channel				2500.00	5.0000	2500.00			
Frequency (MHz)				2500.01	2500.99	2500			
100	PSS-BPSK	1	1	24.70	24.67	24.60			
100	PSS-BPSK	1	137	24.60	24.71	24.70	26.0	0.0	
100	PSS-BPSK	1	271	24.70	24.50	24.60			
100	PSS-BPSK	155	0	24.60	24.12	24.10	26.0	0.0	
100	PSS-BPSK	155	95	24.50	24.00	24.10	26.0	0.0	
100	PSS-BPSK	155	138	24.01	24.10	24.10	26.0	0.0	
100	PSS-BPSK	270	0	24.00	24.00	24.00			
100	QPSK	1	1	24.00	24.10	24.10			
100	QPSK	1	137	24.60	24.60	24.60	26.0	0.0	
100	QPSK	1	271	24.70	24.50	24.60			
100	QPSK	155	0	24.00	23.62	23.60	26.0	1.0	
100	QPSK	155	95	24.10	23.60	23.60	26.0	0.0	
100	QPSK	155	138	23.62	23.60	23.60	26.0	1.0	
100	QPSK	270	0	23.60	23.50	23.50			
100	QPSK	1	1	23.50	23.60	23.60	26.0	1.0	
100	QPSK	1	1	23.60	23.60	23.60	26.0	1.0	
100	QPSK	1	1	23.60	23.60	23.60	26.0	1.0	
Channel									
Frequency (MHz)				2501	2502.99	2504.00			
50	QPSK	1	1	24.60	24.60	24.70	26.0	0.0	
Channel				2502.01	5.0000	2502.00			
Frequency (MHz)				2502.02	2502.99	2503.00			
80	QPSK	1	1	24.70	24.60	24.60	26.0	0.0	
Channel				2503.01	2503.99	2505			
70	QPSK	1	1	24.60	24.60	24.60	26.0	0.0	
Channel				2505.01	5.0000	2505.00			
Frequency (MHz)				2505	2502.99	2503.00			
80	QPSK	1	1	24.60	24.60	24.60	26.0	0.0	
Channel				2503.01	2503.99	2505			
70	QPSK	1	1	24.60	24.60	24.60	26.0	0.0	
Channel				2505.01	5.0000	2505.00			
Frequency (MHz)				2505.02	2505.99	2506.00			
80	QPSK	1	1	24.60	24.60	24.60	26.0	0.0	
Channel				2506.01	2506.99	2508			
60	QPSK	1	1	24.60	24.60	24.60	26.0	0.0	
Channel				2508.01	2508.99	2510			
50	QPSK	1	1	24.60	24.60	24.60	26.0	0.0	
Channel				2510.01	2510.99	2512			
40	QPSK	1	1	24.60	24.60	24.60	26.0	0.0	
Channel				2512.01	2512.99	2514			
30	QPSK	1	1	24.60	24.60	24.60	26.0	0.0	
Channel				2514.01	2514.99	2516			
20	QPSK	1	1	24.71	24.60	24.60	26.0	0.0	

FCC_n41_Ant 4									
BW (MHz)	Modulation	RF Desc	SB Offset	Power Low (C-1 Power)	Power Max (C-1 Power)	Power High (C-1 Power)	Turnup (m)	dBm	MPT (dB)
Channel				2500.00	5.0000	2500.00			
Frequency (MHz)				2500.01	2500.99	2500			
100	PSS-BPSK	1	1	15.01	15.00	15.00			
100	PSS-BPSK	1	137	15.00	15.00	15.00	17.5	0.0	
100	PSS-BPSK	1	271	15.00	15.00	15.00			
100	PSS-BPSK	155	0	15.00	14.80	14.80	17.5	0.0	
100	PSS-BPSK	155	95	15.00	14.87	14.80	17.5	0.0	
100	PSS-BPSK	155	138	15.00	15.00	15.00	17.5	0.0	
100	PSS-BPSK	270	0	14.80	14.80	14.80			
100	QPSK	1	1	14.80	14.80	14.80			
100	QPSK	1	137	15.00	15.00	15.00	17.5	0.0	
100	QPSK	1	271	15.00	15.00	15.00			
100	QPSK	155	0	15.00	14.82	14.80	17.5	0.0	
100	QPSK	155	95	15.00	14.90	14.80	17.5	0.0	
100	QPSK	155	138	15.00	15.00	15.00	17.5	0.0	
100	QPSK	270	0	15.00	15.00	15.00			
100	QPSK	1	1	15.00	15.00	15.00	17.5	0.0	
100	QPSK	1	1	15.00	15.00	15.00	17.5	0.0	
Channel									
Frequency (MHz)				2501	2502.99	2504.00			
50	QPSK	1	1	15.07	15.01	15.00	17.5	0.0	
Channel				2502.01	5.0000	2502.00			
Frequency (MHz)				2502.02	2502.99	2503.00			
80	QPSK	1	1	15.01	15.00	15.00	17.5	0.0	
Channel				2503.01	2503.99	2505			
70	QPSK	1	1	15.00	15.00	15.00	17.5	0.0	
Channel				2505.01	5.0000	2505.00			
Frequency (MHz)				2505	2502.99	2503.00			
80	QPSK	1	1	15.00	15.00	15.00	17.5	0.0	
Channel				2503.01	2503.99	2505			
70	QPSK	1	1	15.00	15.00	15.00	17.5	0.0	
Channel				2505.01	5.0000	2505.00			
Frequency (MHz)				2505.02	2505.99	2506.00			
80	QPSK	1	1	15.00	15.00	15.00	17.5	0.0	
Channel				2506.01	2506.99	2508			
60	QPSK	1	1	15.00	15.00	15.00	17.5	0.0	
Channel				2508.01	2508.99	2510			
50	QPSK	1	1	15.00	15.00	15.00	17.5	0.0	
Channel				2510.01	2510.99	2512			
40	QPSK	1	1	15.00	15.00	15.00	17.5	0.0	
Channel				2512.01	2512.99	2514			
30	QPSK	1	1	15.01	15.00	15.00	17.5	0.0	
Channel				2514.01	2514.99	2516			
20	QPSK	1	1	15.01	15.00	15.00	17.5	0.0	

Part27Q_n77_Ant 1									
BW [MHz]	Modulation	RB [KHz]	SS Offset	Power Low Ch. 1 [Fem]	Power Max Ch. 1 [Fem]	Power High Ch. 1 [Fem]	Turn-on Int. [dBm]	MTR [dB]	
Channel				63032	3489.98				
Frequency [MHz]									
100	PSS-BPSK	1	1	58.10	58.10				
100	PSS-BPSK	1	137	58.32	58.32	58.32	17.0	0.0	
100	PSS-BPSK	1	271	58.58	58.58				
100	PSS-BPSK	150	0	58.59	58.59	58.59	17.0	0.0	
100	PSS-BPSK	150	95	58.42	58.42	58.42	17.0	0.0	
100	PSS-BPSK	150	138	58.32	58.32	58.32	17.0	0.0	
100	PSS-BPSK	270	0	58.58	58.58				
100	QPSK	1	1	58.58	58.58	58.58	17.0	0.0	
100	QPSK	1	137	58.32	58.32	58.32	17.0	0.0	
100	QPSK	1	271	58.58	58.58	58.58			
100	QPSK	150	0	58.58	58.58	58.58	17.0	0.0	
100	QPSK	150	95	58.42	58.42	58.42	17.0	0.0	
100	QPSK	150	138	58.32	58.32	58.32	17.0	0.0	
100	QPSK	270	0	58.58	58.58	58.58			
100	QAM	1	1	58.58	58.58	58.58	17.0	0.0	
100	QAM	1	1	58.58	58.58	58.58	17.0	0.0	
100	QAM	1	1	58.58	58.58	58.58	17.0	0.0	
Channel				63032	3489.98	3500			
Frequency [MHz]									
50	QPSK	1	1	58.21	58.25	58.23	07.0	0.0	
Channel				63032	3489.98	3500			
50	QPSK	1	1	58.24	58.27	58.25	07.0	0.0	
Channel				63032	3489.98	3500.98			
50	QPSK	1	1	58.24	58.27	58.25	07.0	0.0	
Channel				63032	3489.98	3500.98			
50	QPSK	1	1	58.24	58.27	58.25	07.0	0.0	
Channel				63032	3489.98	3501.98			
50	QPSK	1	1	58.24	58.27	58.25	07.0	0.0	
Channel				63032	3489.98	3501.98			
50	QPSK	1	1	58.24	58.27	58.25	07.0	0.0	
Channel				63032	3489.98	3502.98			
50	QPSK	1	1	58.24	58.27	58.25	07.0	0.0	

Part27Q_n77_Ant 1									
BW [MHz]	Modulation	RB [KHz]	SS Offset	Power Low Ch. 1 [Fem]	Power Max Ch. 1 [Fem]	Power High Ch. 1 [Fem]	Turn-on Int. [dBm]	MTR [dB]	
Channel									
				63030	63030	63030			
Frequency [MHz]									
100	PSS-BPSK	1	1	58.11	58.11	58.10			
100	PSS-BPSK	1	137	58.25	58.26	58.24	17.0	0.0	
100	PSS-BPSK	1	271	58.59	58.59	58.58			
100	PSS-BPSK	150	0	58.58	58.57	58.57	17.0	0.0	
100	PSS-BPSK	150	95	58.59	58.58	58.57	17.0	0.0	
100	PSS-BPSK	150	138	58.59	58.58	58.58	17.0	0.0	
100	PSS-BPSK	270	0	58.58	58.57	58.58			
100	QPSK	1	1	58.58	58.58	58.57			
100	QPSK	1	137	58.25	58.26	58.25	17.0	0.0	
100	QPSK	1	271	58.59	58.58	58.58			
100	QPSK	150	0	58.58	58.58	58.57	17.0	0.0	
100	QPSK	150	95	58.58	58.57	58.57	17.0	0.0	
100	QPSK	150	138	58.58	58.57	58.58	17.0	0.0	
100	QPSK	270	0	58.58	58.58	58.58			
100	QAM	1	1	58.58	58.58	58.58	17.0	0.0	
100	QAM	1	1	58.58	58.58	58.58	17.0	0.0	
100	QAM	1	1	58.58	58.58	58.58	17.0	0.0	
Channel									
				63030	63030	63030.98			
Frequency [MHz]									
50	QPSK	1	1	58.09	58.10	58.09	07.0	0.0	
Channel									
				63030	63030	63030.98			
Frequency [MHz]									
50	QPSK	1	1	58.09	58.09	58.09	07.0	0.0	
Channel									
				63030	63030	63030.98			
Frequency [MHz]									
50	QPSK	1	1	58.09	58.09	58.09	07.0	0.0	
Channel									
				63030	63030	63030.98			
Frequency [MHz]									
50	QPSK	1	1	58.09	58.09	58.09	07.0	0.0	
Channel									
				63030	63030	63030.98			
Frequency [MHz]									
50	QPSK	1	1	58.09	58.09	58.09	07.0	0.0	
Channel									
				63030	63030	63030.98			
Frequency [MHz]									
50	QPSK	1	1	58.09	58.09	58.09	07.0	0.0	
Channel									
				63030	63030	63030.98			
Frequency [MHz]									
50	QPSK	1	1	58.09	58.09	58.09	07.0	0.0	
Channel									
				63030	63030	63030.98			
Frequency [MHz]									
50	QPSK	1	1	58.09	58.09	58.09	07.0	0.0	
Channel									
				63030	63030	63030.98			
Frequency [MHz]									
50	QPSK	1	1	58.09	58.09	58.09	07.0	0.0	

Part27Q_n77_Ant_3									
BW [MHz]	Modulation	RB [KHz]	SS Offset	Power Low Ch. 1 [Fem]	Power Max Ch. 1 [Fem]	Power High Ch. 1 [Fem]	Turn-on Int. [dBm]	MTR [dB]	
Channel				63032	3489.98				
Frequency [MHz]									
100	PSS-BPSK	1	1	58.30	58.30	58.30			
100	PSS-BPSK	1	137	58.44	58.44	58.43	14.5	0.0	
100	PSS-BPSK	1	271	58.57	58.57	58.57			
100	PSS-BPSK	150	0	58.54	58.54	58.54	14.5	0.0	
100	PSS-BPSK	150	95	58.48	58.48	58.48	14.5	0.0	
100	PSS-BPSK	150	138	58.48	58.48	58.48	14.5	0.0	
100	PSS-BPSK	270	0	58.53	58.53	58.53			
100	QPSK	1	1	58.53	58.53	58.53			
100	QPSK	1	137	58.30	58.30	58.30	14.5	0.0	
100	QPSK	1	271	58.57	58.57	58.57			
100	QPSK	150	0	58.57	58.57	58.57	14.5	0.0	
100	QPSK	150	95	58.58	58.58	58.58	14.5	0.0	
100	QPSK	150	138	58.58	58.58	58.58	14.5	0.0	
100	QPSK	270	0	58.58	58.58	58.58			
100	QAM	1	1	58.53	58.53	58.53	14.5	0.0	
100	QAM	1	1	58.53	58.53	58.53	14.5	0.0	
Channel				63032	3489.98				
Frequency [MHz]									
50	QPSK	1	1	58.01	58.01	58.00	04.0	0.0	
Channel				63032	3489.98	3500			
Frequency [MHz]									
50	QPSK	1	1	58.01	58.01	58.00	04.0	0.0	
Channel				63032	3489.98	3500.98			
Frequency [MHz]									
50	QPSK	1	1	58.00	58.00	58.00	04.0	0.0	
Channel				63032	3489.98	3500.98			
Frequency [MHz]									
50	QPSK	1	1	58.00	58.00	58.00	04.0	0.0	

Part27Q_n77_Ant 3									
BW [MHz]	Modulation	RB Size	SS Offset	Power Low Ch. 1 [Fem]	Power Max Ch. 1 [Fem]	Power High Ch. 1 [Fem]	Turn-up Int. [dBm]	MTR [dB]	
Channel				63030	63030	63030			
Frequency [MHz]				63030	63030	63030			
100	PSS-BPSK	1	1	58.37	58.38	58.38			
100	PSS-BPSK	1	137	58.47	58.48	58.48	14.5	0.0	
100	PSS-BPSK	1	271	58.60	58.58	58.61			
100	PSS-BPSK	150	0	58.60	58.59	58.59	14.5	0.0	
100	PSS-BPSK	150	95	58.53	58.51	58.52	14.5	0.0	
100	PSS-BPSK	150	138	58.49	58.51	58.48	14.5	0.0	
100	PSS-BPSK	270	0	58.48	58.48	58.49			
100	QPSK	1	1	58.58	58.57	58.57			
100	QPSK	1	137	58.31	58.34	58.34	14.5	0.0	
100	QPSK	1	271	58.57	58.55	58.57			
100	QPSK	150	0	58.48	58.46	58.48	14.5	0.0	
100	QPSK	150	95	58.55	58.52	58.55	14.5	0.0	
100	QPSK	150	138	58.55	58.55	58.55	14.5	0.0	
100	QPSK	270	0	58.58	58.48	58.49			
100	16QAM	1	1	58.58	58.56	58.55			
100	16QAM	1	137	58.37	58.38	58.38	14.5	0.0	
100	16QAM	1	271	58.60	58.58	58.61			
100	16QAM	150	0	58.60	58.59	58.59	14.5	0.0	
100	16QAM	150	95	58.53	58.51	58.52	14.5	0.0	
100	16QAM	150	138	58.49	58.51	58.48	14.5	0.0	
100	16QAM	270	0	58.48	58.48	58.49			
100	64QAM	1	1	58.37	58.38	58.38	14.5	0.0	
100	64QAM	1	137	58.47	58.48	58.48	14.5	0.0	
100	64QAM	1	271	58.60	58.58	58.61	14.5	0.0	
100	64QAM	150	0	58.60	58.59	58.59	14.5	0.0	
100	64QAM	150	95	58.53	58.51	58.52	14.5	0.0	
100	64QAM	150	138	58.49	58.51	58.48	14.5	0.0	
100	64QAM	270	0	58.48	58.48	58.49	14.5	0.0	
100	64QAM	270	95	58.53	58.51	58.52	14.5	0.0	
100	64QAM	270	138	58.49	58.51	58.48	14.5	0.0	
100	64QAM	270	271	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	405	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	539	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	673	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	807	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	941	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	1075	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	1209	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	1343	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	1477	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	1611	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	1745	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	1879	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	2013	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	2147	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	2281	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	2415	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	2549	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	2683	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	2817	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	2951	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	3085	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	3219	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	3353	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	3487	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	3621	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	3755	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	3889	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	4023	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	4157	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	4291	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	4425	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	4559	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	4693	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	4827	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	4961	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	5095	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	5229	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	5363	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	5497	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	5631	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	5765	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	5899	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	6033	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	6167	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	6301	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	6435	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	6569	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	6703	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	6837	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	6971	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	7105	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	7239	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	7373	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	7507	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	7641	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	7775	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	7909	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	8043	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	8177	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	8311	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	8445	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	8579	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	8713	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	8847	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	8981	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	9115	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	9249	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	9383	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	9517	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	9651	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	9785	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	9919	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	10053	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	10187	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	10321	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	10455	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	10589	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	10723	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	10857	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	10991	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	11125	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	11259	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	11393	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	11527	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	11661	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	11795	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	11929	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	12063	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	12197	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	12331	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	12465	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	12599	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	12733	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	12867	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	13001	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	13135	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	13269	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	13403	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	13537	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	13671	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	13805	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	13939	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	14073	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	14207	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	14341	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	14475	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	14609	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	14743	58.60	58.58	58.61	14.5	0.0	
100	64QAM	270	14877	58.60	58.				

Part27Q_n77_Ant 5									
BW [MHz]	Modulation	RB [KHz]	SS Offset	Power Low Ch. [F/mW]	Power Max Ch. [F/mW]	Power High Ch. [F/mW]	Turnup Int. [dBm]	MPT [dB]	
Channel									
Frequency [MHz]									
100	PSS-BPSK	1	1	18.28	18.82	18.82			
100	PSS-BPSK	1	137	18.43	18.29	18.29	18.0	0.0	
100	PSS-BPSK	1	271	18.38					
100	PSS-BPSK	150	0	18.54					
100	PSS-BPSK	150	95	18.36	18.26	18.26	18.0	0.0	
100	PSS-BPSK	150	138	18.54	18.14	17.95	18.0	0.0	
100	PSS-BPSK	270	0	18.26	18.44	18.44			
100	QPSK	1	1	18.37	18.24	18.24	18.0	0.0	
100	QPSK	1	271	18.41					
100	QPSK	150	0	18.47			18.0	0.0	
100	QPSK	150	95	18.48	18.28	18.28	18.0	0.0	
100	QPSK	150	138	18.36	18.27	18.26	17.95	0.0	
100	QPSK	270	0	18.45					
100	QAM	1	1	18.35			18.0	0.0	
100	QAM	1	1	18.35	18.21	18.21	18.0	0.0	
100	QAM	1	1	18.38			18.0	0.0	
Channel									
Frequency [MHz]									
50	QPSK	1	1	18.44	18.53	18.44	18.0	0.0	
Channel									
Frequency [MHz]									
50	QPSK	1	1	18.25	18.42	18.42	18.0	0.0	
Channel									
Frequency [MHz]									
50	QPSK	1	1	18.53	18.58	18.48	18.0	0.0	
Channel									
Frequency [MHz]									
50	QPSK	1	1	18.48	18.38	18.38	18.0	0.0	
Channel									
Frequency [MHz]									
50	QPSK	0	1	18.21	18.48	18.21	17.95	0.0	

Part27Q_n77_Ant 5									
BW [MHz]	Modulation	RB [KHz]	RB Offset	Power Low Ch. [F/mW]	Power Max Ch. [F/mW]	Power High Ch. [F/mW]	Turnup Int. [dBm]	MPT [dB]	
Channel				63332	3488.98	3488.98			
Frequency [MHz]									
100	PSS-BPSK	1	1	18.82	18.82	18.82			
100	PSS-BPSK	1	137	18.29	18.21	18.21	18.0	0.0	
100	PSS-BPSK	1	271	18.99	17.85	17.85			
100	PSS-BPSK	150	0	18.16	18.13	18.13	18.0	0.0	
100	PSS-BPSK	150	95	18.26	18.14	18.04	18.0	0.0	
100	PSS-BPSK	150	138	18.14	17.95	18.05	18.0	0.0	
100	PSS-BPSK	270	0	18.26	18.44	18.44			
100	QPSK	1	1	18.35	18.24	18.24	18.0	0.0	
100	QPSK	1	137	18.42	18.30	17.88	18.0	0.0	
100	QPSK	1	271	18.29	18.37	17.85			
100	QPSK	150	0	18.25	18.14	18.14	18.0	0.0	
100	QPSK	150	95	18.28	18.08	18.11	18.0	0.0	
100	QPSK	150	138	18.27	18.08	17.95	18.0	0.0	
100	QPSK	270	0	18.24	18.10	18.10			
100	QAM	1	1	18.15	17.88	17.88	18.0	0.0	
100	QAM	1	1	18.27	18.23	17.95	18.0	0.0	
100	QAM	1	1	18.49	18.10	18.05	18.0	0.0	
Channel				376332	3488.98	3483.98			
Frequency [MHz]									
50	QPSK	1	1	18.29	18.19	18.24	18.0	0.0	
Channel				376332	3488.98	3483.98			
Frequency [MHz]									
50	QPSK	1	1	18.24	18.20	18.22	18.0	0.0	
Channel				376332	3488.98	3483.98			
Frequency [MHz]									
50	QPSK	1	1	18.47	18.14	18.13	18.0	0.0	
Channel				63332	3488.98				
Frequency [MHz]									
50	QPSK	1	1	18.22	18.55	18.55	18.0	0.0	
Channel				63332	3488.98				
Frequency [MHz]									
50	QPSK	0	1	18.25	18.53	18.53	17.95	0.0	

Part27Q_n77_Ant 7									
BW [MHz]	Modulation	RB [KHz]	RB Offset	Power Low Ch. [F/mW]	Power Max Ch. [F/mW]	Power High Ch. [F/mW]	Turnup Int. [dBm]	MPT [dB]	
Channel									
Frequency [MHz]									
100	PSS-BPSK	1	1	18.84					
100	PSS-BPSK	1	137	18.45			18.0	0.0	
100	PSS-BPSK	1	271	18.12					
100	PSS-BPSK	150	0	18.38					
100	PSS-BPSK	150	95	18.35			18.0	0.0	
100	PSS-BPSK	150	138	18.07			18.0	0.0	
100	QPSK	1	1	18.34			18.0	0.0	
100	QPSK	1	137	18.49			18.0	0.0	
100	QPSK	1	271	18.07					
100	QPSK	150	0	18.05			18.0	0.0	
100	QPSK	150	95	18.19			18.0	0.0	
100	QPSK	150	138	18.25			18.0	0.0	
100	QPSK	270	0	18.13					
100	QAM	1	1	18.08			18.0	0.0	
100	QAM	1	1	18.15			18.0	0.0	
100	QAM	1	1	18.31			18.0	0.0	
Channel				63332	3488.98	634398	Turnup Int. [dBm]	MPT [dB]	
Frequency [MHz]									
50	QPSK	1	1	18.07	18.80	18.78	18.0	0.0	
Channel				63332	3488.98		Turnup Int. [dBm]	MPT [dB]	
Frequency [MHz]									
50	QPSK	1	1	18.29	18.70	18.70	18.0	0.0	
Channel				347324	3488.98	348398	Turnup Int. [dBm]	MPT [dB]	
Frequency [MHz]									
50	QPSK	1	1	18.79	18.78	18.78	18.0	0.0	
Channel				63332	3488.98		Turnup Int. [dBm]	MPT [dB]	
Frequency [MHz]									
50	QPSK	1	1	18.76	18.76	18.76	18.0	0.0	
Channel				63332	3488.98		Turnup Int. [dBm]	MPT [dB]	
Frequency [MHz]									
50	QPSK	0	1	18.22	18.58	18.58	18.0	0.0	
Channel				63332	3488.98		Turnup Int. [dBm]	MPT [dB]	
Frequency [MHz]									
50	QPSK	0	1	18.22	18.78	18.78	17.95	0.0	

Part27Q_n77_Ant 7									
BW [MHz]	Modulation	RB [KHz]	SS Offset	Power Low Ch. [F/mW]	Power Max Ch. [F/mW]	Power High Ch. [F/mW]	Turnup Int. [dBm]	MPT [dB]	
Channel				63332	3488.98	3488.98			
Frequency [MHz]									
100	PSS-BPSK	1	1	18.44	18.28	18.28		0.0	0.0
100	PSS-BPSK	1	137	18.21	18.12	18.12	18.0	0.0	0.0
100	PSS-BPSK	1	271	18.07	18.05	18.16			
100	PSS-BPSK	150	0	18.32	18.42	18.25	18.0	0.0	0.0
100	PSS-BPSK	150	95	18.28	18.43	18.25	18.0	0.0	0.0
100	PSS-BPSK	150	138	18.24	18.48	18.05	18.0	0.0	0.0
100	PSS-BPSK	270	0	18.26	18.54	18.26			
100	QPSK	1	1	18.19	18.08	18.10	18.0	0.0	0.0
100	QPSK	1	137	18.47	18.20	18.43	18.0	0.0	0.0
100	QPSK	1	271	18.28	18.37	18.48			
100	QPSK	150	0	18.41	18.48	18.48	18.0	0.0	0.0
100	QPSK	150	95	18.22	18.23	18.25	18.0	0.0	0.0
100	QPSK	150	138	18.45	18.24	18.45	18.0	0.0	0.0
100	QPSK	270	0	18.09	18.50	18.01	18.0	0.0	0.0
100	QAM	1	1	18.25	18.48	18.05	18.0	0.0	0.0
100	QAM	1	137	18.21	18.12	18.12	18.0	0.0	0.0
Channel				63332	3488.98	3488.98	Turnup Int. [dBm]		
50	QPSK	1	1	18.41	18.26	18.14	18.0	0.0	0.0
Channel				63332	3488.98	3488.98			
Frequency [MHz]									
50	QPSK	1	1	18.40	18.23	18.12	18.0	0.0	0.0
Channel				63332	3488.98	3488.98			
Frequency [MHz]									
50	QPSK	1	1	18.39	18.20	18.07	18.0	0.0	0.0
50	QPSK	1	137	18.40	18.21	18.11	18.0	0.0	0.0
50	QPSK	1	271	18.25	18.14	18.15	18.0	0.0	0.0
50	QPSK	150	0	18.41	18.26	18.14	18.0	0.0	0.0
50	QPSK	150	95	18.25	18.16	18.17	18.0	0.0	0.0
50	QPSK	150	138	18.40	18.24	18.16	18.0	0.0	0.0
50	QPSK	270	0	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	95	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	138	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	271	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	405	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	539	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	673	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	807	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	941	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	1075	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	1209	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	1343	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	1477	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	1611	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	1745	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	1879	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	2013	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	2147	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	2281	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	2415	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	2549	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	2683	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	2817	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	2951	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	3085	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	3219	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	3353	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	3487	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	3621	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	3755	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	3889	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	4023	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	4157	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	4291	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	4425	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	4559	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	4693	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	4827	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	4961	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	5095	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	5229	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	5363	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	5497	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	5631	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	5765	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	5899	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	6033	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	6167	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	6301	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	6435	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	6569	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	6703	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	6837	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	6971	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	7105	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	7239	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	7373	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	7507	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	7641	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	7775	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	7909	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	8043	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	8177	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	8311	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	8445	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	8579	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	8713	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	8847	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	8981	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	9115	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	9249	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	9383	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	9517	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	9651	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	9785	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	9919	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	10053	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	10187	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	10321	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	10455	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	10589	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	10723	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	10857	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	10991	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	11125	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	11259	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	11393	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	11527	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	11661	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	11795	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	11929	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	12063	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	12197	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	12331	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	12465	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	12599	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	12733	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	12867	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	13001	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	13135	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	13269	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	13403	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	13537	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	13671	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	13805	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	13939	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	14073	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	14207	18.25	18.40	18.15	18.0	0.0	0.0
50	QPSK	270	14341	1					

Reduced Power Mode for ECI 13

n2_Ant 1

n2_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Middle Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				372000	376000	380000		
				1860	1880	1900		
20	PI2 BPSK	1	1	21.47	21.65	21.50	23.0	0.0
20	PI2 BPSK	1	53	21.46	21.59	21.59		
20	PI2 BPSK	1	104	21.46	21.62	21.58		
20	PI2 BPSK	50	0	21.46	21.65	21.45		
20	PI2 BPSK	50	26	21.55	21.54	21.49	23.0	0.0
20	PI2 BPSK	50	56	21.48	21.56	21.53	23.0	0.0
20	PI2 BPSK	100	0	21.45	21.64	21.49	23.0	0.0
20	QPSK	1	1	21.55	21.66	21.60	23.0	0.0
20	QPSK	1	53	21.55	21.54	21.59		
20	QPSK	1	104	21.57	21.66	21.52		
20	QPSK	50	0	21.57	21.53	21.45		
20	QPSK	50	26	21.56	21.66	21.55	23.0	0.0
20	QPSK	50	56	21.47	21.54	21.54	23.0	0.0
20	QPSK	100	0	21.57	21.62	21.56	23.0	0.0
20	16QAM	1	1	21.52	21.54	21.49	23.0	0.0
20	64QAM	1	1	20.24	20.33	20.30	22.0	1.0
20	256QAM	1	1	18.52	18.68	18.67	20.0	3.0
Channel								
Frequency (MHz)				371500	376000	380500		
				1867.5	1880	1902.5		
15	QPSK	1	1	21.46	21.60	21.55	23.0	0.0
Channel								
Frequency (MHz)				371000	376000	381000		
				1865	1880	1905		
10	QPSK	1	1	21.44	21.64	21.56	23.0	0.0
Channel								
Frequency (MHz)				370500	376000	381500		
				1862.5	1880	1907.5		
5	QPSK	1	1	21.51	21.53	21.51	23.0	0.0

n2_Ant 2

n2_Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				372000	376000	380000	24.5	0.0
				1860	1880	1900		
20	PI2 BPSK	1	1	22.68	22.70	22.68		
20	PI2 BPSK	1	53	22.68	22.64	22.53		
20	PI2 BPSK	1	104	22.71	22.75	22.67		
20	PI2 BPSK	50	0	22.21	22.21	22.05	24.0	0.5
20	PI2 BPSK	50	26	22.58	22.66	22.65	24.5	0.5
20	PI2 BPSK	50	56	22.05	22.25	22.17	24.0	0.5
20	PI2 BPSK	100	0	22.24	22.19	22.15	24.0	0.5
20	QPSK	1	1	22.67	22.50	22.75	24.5	0.0
20	QPSK	1	53	22.67	22.79	22.68		
20	QPSK	1	104	22.74	22.82	22.71		
20	QPSK	50	0	21.56	21.63	21.56		
20	QPSK	50	26	22.55	22.62	22.57	24.5	0.0
20	QPSK	50	56	21.70	21.69	21.76	23.5	1.0
20	QPSK	100	0	21.63	21.76	21.59	23.5	1.0
20	16QAM	1	1	21.55	21.58	21.53	23.5	1.0
20	64QAM	1	1	20.05	20.10	20.02	22.0	2.5
20	256QAM	1	1	18.40	18.57	18.65	20.0	4.5
Channel								
Frequency (MHz)				371000	376000	381000	24.5	0.0
				1867.5	1880	1902.5		
15	QPSK	1	1	22.86	22.88	22.64		
Channel								
Frequency (MHz)				371500	376000	381500	24.5	0.0
				1855	1860	1905		
10	QPSK	1	1	22.74	22.78	22.66		
Channel								
Frequency (MHz)				370500	376000	381500	24.5	0.0
				1862.5	1880	1907.5		
5	QPSK	1	1	22.83	22.82	22.75		

n2_Ant 4

n2_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				372000	376000	380000		
				1860	1880	1900		
20	PI2 BPSK	1	1	22.99	23.07	23.03	24.5	0.0
20	PI2 BPSK	1	53	23.02	23.05	22.99		
20	PI2 BPSK	1	104	22.90	23.02	22.90		
20	PI2 BPSK	50	0	22.44	22.57	22.42		
20	PI2 BPSK	50	26	22.96	23.05	22.91	24.5	0.5
20	PI2 BPSK	50	56	22.41	22.52	22.51	24.0	0.5
20	PI2 BPSK	100	0	22.47	22.60	22.54	24.0	0.5
20	QPSK	1	1	23.06	23.14	23.10	24.5	0.0
20	QPSK	1	53	23.00	23.12	23.02		
20	QPSK	1	104	23.06	23.13	23.08		
20	QPSK	50	0	22.02	22.06	21.92		
20	QPSK	50	26	22.56	23.05	22.36	24.5	0.0
20	QPSK	50	56	21.95	22.00	22.02	23.5	1.0
20	QPSK	100	0	21.81	21.95	21.93	23.5	1.0
20	16QAM	1	1	21.72	21.76	21.69	23.5	1.0
20	64QAM	1	1	20.09	20.19	20.10	22.0	2.5
20	256QAM	1	1	18.55	18.70	18.63	20.0	4.5
Channel								
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.96	23.01	23.07	24.5	0.0
Channel								
Frequency (MHz)				1855	1860	1905	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	23.03	23.04	22.97	24.5	0.0
Channel								
Frequency (MHz)				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				1862.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	22.94	23.03	23.02	24.5	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				166800	167300	167800	25.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	23.44	23.52	23.47			
20	PI2 BPSK	1	53	23.49	23.66	23.66	24.5	0.5	
20	PI2 BPSK	1	104	23.43	23.50	23.52			
20	PI2 BPSK	50	0	23.03	23.19	23.14			
20	PI2 BPSK	50	28	23.34	23.52	23.39	24.5	0.5	
20	PI2 BPSK	50	56	22.99	23.08	22.95			
20	PI2 BPSK	100	0	22.91	23.03	22.94			
20	QPSK	1	1	23.61	23.70	23.61	25.0	0.0	
20	QPSK	1	53	23.38	23.56	23.55			
20	QPSK	1	104	23.45	23.59	23.58			
20	QPSK	50	0	22.56	22.71	22.59	24.0	1.0	
20	QPSK	50	28	23.40	23.62	23.45			
20	QPSK	50	56	22.30	22.49	22.28			
20	QPSK	100	0	22.38	22.57	22.42	24.0	1.0	
20	16QAM	1	1	22.36	22.53	22.45			
20	64QAM	1	1	21.00	21.00	20.94		22.5	
20	256QAM	1	1	19.42	19.53	19.31			
Channel				166300	167300	166300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	831.5	25.0	0.0	
15	QPSK	1	1	23.50	23.66	23.46			
Channel				165800	167300	165800	Tune-up limit (dBm)		
Frequency (MHz)				829	836.5	844	25.0	0.0	
10	QPSK	1	1	23.59	23.55	23.57			
Channel				165300	167300	165300	Tune-up limit (dBm)		
Frequency (MHz)				826.5	836.5	846.5	25.0	0.0	
5	QPSK	1	1	23.58	23.60	23.51			

n5_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800	25.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	23.42	23.48	23.39			
20	PI/2 BPSK	1	53	23.42	23.53	23.51	24.5	0.5	
20	PI/2 BPSK	1	104	23.39	23.50	23.48			
20	PI/2 BPSK	50	0	22.95	23.05	23.04		24.5	
20	PI/2 BPSK	50	28	23.31	23.46	23.32			
20	PI/2 BPSK	50	56	22.91	23.00	22.85	24.5	0.5	
20	PI/2 BPSK	100	0	22.87	23.02	22.91			
20	QPSK	1	1	23.51	23.56	23.55			
20	QPSK	1	53	23.35	23.50	23.46	25.0	0.0	
20	QPSK	1	104	23.44	23.53	23.50			
20	QPSK	50	0	22.48	22.57	22.52		24.0	
20	QPSK	50	28	23.38	23.52	23.42			
20	QPSK	50	56	22.24	22.36	22.24	24.0	1.0	
20	QPSK	100	0	22.36	22.45	22.35			
20	16QAM	1	1	22.31	22.38	22.37		24.0	
20	64QAM	1	1	20.89	20.96	20.89			
20	256QAM	1	1	19.39	19.42	19.27		20.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	25.0	0.0	
15	QPSK	1	1	23.45	23.55	23.53			
Channel				165800	167300	166800	Tune-up limit (dBm)		
Frequency (MHz)				829	836.5	844	25.0	0.0	
10	QPSK	1	1	23.50	23.42	23.41			
Channel				165300	167300	169300	Tune-up limit (dBm)		
Frequency (MHz)				826.5	836.5	846.5	25.0	0.0	
5	QPSK	1	1	23.41	23.49	23.51			

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mask Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)
Channel				502000	507000	512000	22.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.04	21.10	20.95		
20	PI/2 BPSK	1	53	20.98	21.10	21.05	22.5	0.0
20	PI/2 BPSK	1	104	21.05	21.05	21.00		
20	PI/2 BPSK	50	0	21.02	21.04	20.98		
20	PI/2 BPSK	50	26	21.01	21.04	21.08	22.5	0.0
20	PI/2 BPSK	50	56	21.09	21.03	21.03		
20	PI/2 BPSK	100	0	20.99	21.06	21.05		
20	QPSK	1	1	21.12	21.05	21.10	22.5	0.0
20	QPSK	1	53	21.05	21.04	21.07		
20	QPSK	1	104	21.03	21.04	20.95		
20	QPSK	50	0	21.00	21.05	21.00	22.5	0.0
20	QPSK	50	26	21.05	21.13	21.05		
20	QPSK	50	56	21.04	21.00	21.05		
20	QPSK	100	0	21.10	21.12	21.05	22.5	0.0
20	16QAM	1	1	21.10	21.10	20.98		
20	16QAM	1	1	20.19	20.20	20.10		
20	256QAM	1	1	18.63	18.66	18.69	20.0	2.5
Channel				503000	507000	512000	22.5	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.99	21.11	21.01		
Channel				501000	507000	513000	22.5	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.01	21.09	21.01		
Channel				500500	507000	513500	22.5	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.09	21.12	20.97		

n7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mask Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)
Channel				502000	507000	512000	24.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.05	23.17	23.10		
20	PI/2 BPSK	1	53	23.01	23.06	23.09	24.0	0.5
20	PI/2 BPSK	1	104	23.04	23.17	23.00		
20	PI/2 BPSK	50	0	22.58	22.61	22.46		
20	PI/2 BPSK	50	26	23.00	23.05	23.07	24.0	0.5
20	PI/2 BPSK	50	56	22.55	22.63	22.45		
20	PI/2 BPSK	100	0	22.60	22.56	22.49		
20	QPSK	1	1	23.11	23.20	23.16	24.5	0.0
20	QPSK	1	53	23.06	23.13	23.05		
20	QPSK	1	104	22.95	23.19	23.11		
20	QPSK	50	0	22.20	22.23	22.11	23.5	1.0
20	QPSK	50	26	22.35	23.05	23.03		
20	QPSK	50	56	22.00	22.02	21.95		
20	QPSK	100	0	22.07	22.13	22.11	23.5	1.0
20	16QAM	1	1	21.96	22.00	21.97		
20	64QAM	1	1	20.47	20.55	20.47		
20	256QAM	1	1	18.63	18.62	18.59	20.0	4.5
Channel				501500	507000	512500	24.5	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.99	23.07	23.04		
Channel				501000	507000	513000	24.5	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.01	23.07	23.03		
Channel				500500	507000	513500	24.5	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.99	23.15	23.04		

n7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mask Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)
Channel				502000	507000	512000	24.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.00	23.02	22.93		
20	PI/2 BPSK	1	53	22.82	22.97	22.96	24.0	0.5
20	PI/2 BPSK	1	104	22.89	22.95	22.92		
20	PI/2 BPSK	50	0	22.51	22.96	22.52		
20	PI/2 BPSK	50	26	22.86	23.00	22.99	24.0	0.5
20	PI/2 BPSK	50	56	22.52	22.60	22.48		
20	PI/2 BPSK	100	0	22.46	22.52	22.43		
20	QPSK	1	1	23.06	23.05	23.00	24.5	0.0
20	QPSK	1	53	22.89	23.02	22.88		
20	QPSK	1	104	22.86	23.00	22.93		
20	QPSK	50	0	22.02	22.10	22.06	23.5	1.0
20	QPSK	50	26	22.50	22.98	22.95		
20	QPSK	50	56	22.00	22.07	22.02		
20	QPSK	100	0	21.92	21.99	21.95	23.5	1.0
20	16QAM	1	1	21.72	21.79	21.77		
20	64QAM	1	1	20.34	20.35	20.29		
20	256QAM	1	1	18.63	18.68	18.77	20.0	4.5
Channel				501500	507000	512500	24.5	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.83	23.03	22.97		
Channel				501000	507000	513000	24.5	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.04	23.02	23.00		
Channel				500500	507000	513500	24.5	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.93	22.97	22.98		

n12_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Frac]	Power Middle Ch. [Frac]	Power High Ch. [Frac]	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700	24.5	0.0
Frequency (MHz)				706.5	707.5	708.5		
15	PI2 BPSK	1	1	23.11	23.27	23.10	24.5	0.0
15	PI2 BPSK	1	40	23.05	23.17	23.07		
15	PI2 BPSK	1	77	23.08	23.20	23.12		
15	PI2 BPSK	36	0	22.62	22.70	22.60	24.0	0.5
15	PI2 BPSK	36	22	23.05	23.18	23.29	24.5	0.0
15	PI2 BPSK	36	43	22.59	22.74	22.49	24.0	0.5
15	PI2 BPSK	75	0	22.58	22.73	22.59	24.5	0.0
15	QPSK	1	1	23.05	23.30	23.21		
15	QPSK	1	40	23.20	23.13	23.08		
15	QPSK	1	77	23.15	23.16	23.16	23.5	1.0
15	QPSK	36	0	22.07	22.06	22.00		
15	QPSK	36	22	23.25	23.29	23.15		
15	QPSK	36	43	22.09	22.08	22.05	23.5	1.0
15	QPSK	75	0	22.00	22.19	22.06	23.5	1.0
15	16QAM	1	1	21.87	21.95	21.90		
15	64QAM	1	1	20.48	20.59	20.38		
15	256QAM	1	1	19.16	19.24	19.07	20.0	4.5
Channel				140300	141500	142700	24.5	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.25	23.29	23.07	24.5	0.0
Channel				140300	141500	142700	24.5	MPR (dB)
Frequency (MHz)				701.5 <td>707.5</td> <td>713.5</td>	707.5	713.5		
5	QPSK	1	1	23.13	23.27	23.16	24.5	0.0

n12_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700	24.5	0.0
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.19	23.30	23.22	24.5	0.0
15	PI/2 BPSK	1	40	23.11	23.25	23.19		
15	PI/2 BPSK	1	77	23.30	23.31	23.17		
15	PI/2 BPSK	36	0	22.77	22.83	22.74	24.0	0.5
15	PI/2 BPSK	36	22	23.17	23.32	23.31	24.5	0.0
15	PI/2 BPSK	36	43	22.65	22.77	22.64	24.0	0.5
15	PI/2 BPSK	75	0	22.66	22.80	22.67	24.5	0.0
15	QPSK	1	1	23.30	23.36	23.24		
15	QPSK	1	40	23.26	23.28	23.19		
15	QPSK	1	77	23.18	23.30	23.20	23.5	1.0
15	QPSK	36	0	22.09	22.12	22.09		
15	QPSK	36	22	23.25	23.30	23.24		
15	QPSK	36	43	22.14	22.18	22.12	23.5	1.0
15	QPSK	75	0	22.10	22.20	22.12	23.5	1.0
15	16QAM	1	1	21.87	22.10	22.02		
15	64QAM	1	1	20.59	20.80	20.48		
15	256QAM	1	1	19.12	19.18	19.16	20.0	4.5
Channel				140300	141500	142700	24.5	0.0
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.26	23.29	23.16	24.5	0.0
Channel				140300	141500	142700	24.5	0.0
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.17	23.29	23.23	24.5	0.0

n66_Ant 1

n66_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Mask Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
30	PI2 BPSK	1	1	23.15	23.26	23.16	24.5	0.0
30	PI2 BPSK	1	80	23.17	23.20	23.19		
30	PI2 BPSK	1	158	23.11	23.22	23.10		
30	PI2 BPSK	80	0	22.69	22.75	22.67		
30	PI2 BPSK	80	40	23.20	23.25	23.23	24.5	0.0
30	PI2 BPSK	80	80	22.65	22.73	22.65	24.0	0.5
30	PI2 BPSK	160	0	22.60	22.66	22.54	24.5	0.0
30	QPSK	1	1	23.20	23.30	23.24		
30	QPSK	1	80	23.19	23.25	23.12		
30	QPSK	1	158	23.17	23.21	23.17		
30	QPSK	80	0	22.16	22.22	22.21	23.5	1.0
30	QPSK	80	40	22.50	22.53	22.52	24.5	0.0
30	QPSK	80	80	22.19	22.24	22.20	23.5	1.0
30	QPSK	160	0	22.05	22.20	22.15	23.5	1.0
30	16QAM	1	1	21.80	21.93	21.86		
30	16QAM	1	1	20.37	20.48	20.47		
30	256QAM	1	1	19.02	19.05	18.96		
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.08	23.19	23.16	24.5	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	23.11	23.22	23.16	24.5	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	23.07	23.28	23.23	24.5	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	23.08	23.18	23.18	24.5	0.0

n66_Ant 2

n66_Ant 2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mask Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
30	PI2 BPSK	1	1	23.01	23.22	23.10	24.5	0.0		
30	PI2 BPSK	1	80	23.04	23.16	23.16				
30	PI2 BPSK	1	158	23.02	23.19	23.04				
30	PI2 BPSK	80	0	22.66	22.61	22.59				
30	PI2 BPSK	80	40	23.18	23.22	23.11	24.5	0.0		
30	PI2 BPSK	80	80	22.58	22.61	22.57	24.0	0.5		
30	PI2 BPSK	160	0	22.49	22.56	22.52	24.5	0.0		
30	QPSK	1	1	23.17	23.27	23.12				
30	QPSK	1	80	23.15	23.21	23.08				
30	QPSK	1	158	23.08	23.18	23.08				
30	QPSK	80	0	22.16	22.17	22.20	23.5	1.0		
30	QPSK	80	40	22.50	22.51	22.53	24.5	0.0		
30	QPSK	80	80	22.09	22.12	22.18	23.5	1.0		
30	QPSK	160	0	21.98	22.19	22.11	23.5	1.0		
30	16QAM	1	1	21.76	21.85	21.82				
30	64QAM	1	1	20.27	20.34	20.43				
30	256QAM	1	1	18.92	18.95	18.94				
Channel										
Frequency (MHz)										
20	QPSK	1	1	23.10	23.14	23.10	24.5	0.0		
Channel										
Frequency (MHz)										
15	QPSK	1	1	23.02	23.24	23.04	24.5	0.0		
Channel										
Frequency (MHz)										
10	QPSK	1	1	23.15	23.22	23.05	24.5	0.0		
Channel										
Frequency (MHz)										
5	QPSK	1	1	23.10	23.14	22.97	24.5	0.0		

n66_Ant 4

n66_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mask Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
30	PI2 BPSK	1	1	22.81	22.90	22.76	24.5	0.0
30	PI2 BPSK	1	80	22.86	22.87	22.83		
30	PI2 BPSK	1	158	22.70	22.85	22.80		
30	PI2 BPSK	80	0	22.39	22.45	22.36		
30	PI2 BPSK	80	40	22.85	22.89	22.80	24.5	0.0
30	PI2 BPSK	80	80	22.34	22.42	22.29	24.0	0.5
30	PI2 BPSK	160	0	22.23	22.38	22.24	24.0	0.5
30	QPSK	1	1	22.85	22.93	22.83	24.5	0.0
30	QPSK	1	80	22.85	22.90	22.76		
30	QPSK	1	158	22.83	22.88	22.77		
30	QPSK	80	0	21.84	21.96	21.91		
30	QPSK	80	40	22.25	22.50	22.17	23.5	1.0
30	QPSK	80	80	21.91	21.92	21.87	23.5	1.0
30	QPSK	160	0	21.80	21.90	21.87	23.5	1.0
30	16QAM	1	1	21.62	21.70	21.56	23.5	1.0
30	16QAM	1	1	20.17	20.31	20.26	22.0	2.5
30	256QAM	1	1	18.31	18.43	18.79	20.0	4.5
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.72	22.82	22.68	24.5	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.78	22.82	22.75	24.5	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.85	22.92	22.81	24.5	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.77	22.83	22.74	24.5	0.0

n71_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Main Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134.100	136.100	138.100	24.5	0.0
Frequency (MHz)				670.5	680.5	690.5		
15	PI2 BPSK	1	1	23.17	23.16	23.22		
15	PI2 BPSK	1	40	23.12	23.18	23.04	24.5	0.0
15	PI2 BPSK	1	77	23.16	23.17	23.10	24.0	0.5
15	PI2 BPSK	36	0	22.67	22.71	22.69	24.0	0.5
15	PI2 BPSK	36	22	23.15	23.22	23.07	24.0	0.5
15	PI2 BPSK	36	43	22.66	22.67	22.62	24.0	0.5
15	PI2 BPSK	75	0	22.72	22.73	22.77	24.0	0.5
15	QPSK	1	1	23.25	23.26	23.27	24.5	0.0
15	QPSK	1	40	23.17	23.25	23.18		
15	QPSK	1	77	23.07	23.13	23.10		
15	QPSK	36	0	21.99	22.06	21.91	23.5	1.0
15	QPSK	36	22	23.15	23.25	23.18	24.5	0.0
15	QPSK	36	43	22.69	22.10	22.08	23.5	1.0
15	QPSK	75	0	22.00	22.08	22.06	23.5	1.0
15	16QAM	1	1	21.96	22.01	22.05	23.5	1.0
15	64QAM	1	1	20.51	20.55	20.37	22.0	2.5
15	256QAM	1	1	19.11	19.14	19.13	20.0	4.5
Channel				133.100	135.100	137.100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693	24.5	0.0
10	QPSK	1	1	23.16	23.19	23.25		
Channel				133.100	136.100	139.100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				663.5	680.5	696.5	24.5	0.0
5	QPSK	1	1	23.17	23.19	23.23		

n71_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Main Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134.100	136.100	138.100	24.5	0.0
Frequency (MHz)				670.5	680.5	690.5		
15	PI2 BPSK	1	1	23.26	23.30	23.26		
15	PI2 BPSK	1	40	23.18	23.21	23.13	24.5	0.0
15	PI2 BPSK	1	77	23.20	23.26	23.13	24.0	0.5
15	PI2 BPSK	36	0	22.77	22.83	22.69	24.0	0.5
15	PI2 BPSK	36	22	23.23	23.25	23.12	24.5	0.0
15	PI2 BPSK	36	43	22.74	22.78	22.67	24.0	0.5
15	PI2 BPSK	75	0	22.73	22.85	22.82	24.0	0.5
15	QPSK	1	1	23.34	23.35	23.33	24.5	0.0
15	QPSK	1	40	23.26	23.32	23.22		
15	QPSK	1	77	23.16	23.28	23.16		
15	QPSK	36	0	22.07	22.16	22.02	23.5	1.0
15	QPSK	36	22	23.27	23.28	23.25	24.5	0.0
15	QPSK	36	43	22.13	22.21	22.17	23.5	1.0
15	QPSK	75	0	22.13	22.19	22.16	23.5	1.0
15	16QAM	1	1	22.06	22.15	22.10	23.5	1.0
15	64QAM	1	1	20.60	20.63	20.48	22.0	2.5
15	256QAM	1	1	19.26	19.29	19.15	20.0	4.5
Channel				133.100	135.100	137.100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693	24.5	0.0
10	QPSK	1	1	23.31	23.28	23.27		
Channel				133.100	136.100	139.100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				663.5	680.5	696.5	24.5	0.0
5	QPSK	1	1	23.33	23.25	23.19		

n38_Ant_4									
RF MW	Multitask	RF Size	RF Order	Power Peak Ch/Freq	Power Peak Ch/Freq	Power Peak Ch/Freq	Turnup test only	Power Peak Ch/Freq	Power Peak Ch/Freq
Channel									
				15000	2100	2100			
40	FW FREQ	1	1	20.00	20.00	20.00			
40	FW FREQ	1	33	22.70	22.00	22.00	24.5	0.0	
40	FW FREQ	1	33	22.70	22.00	22.00			
40	FW FREQ	100	0	22.70	22.00	22.00	24.5	0.0	
40	FW FREQ	100	33	22.70	22.00	22.00	24.5	0.0	
40	FW FREQ	100	33	22.70	22.00	22.00			
40	FW FREQ	100	0	22.70	22.00	22.00			
40	FW FREQ	100	0	22.70	22.00	22.00	24.5	0.0	
40	CPUS	1	1	23.00	23.00	23.00			
40	CPUS	1	33	23.00	23.00	23.00	24.5	0.0	
40	CPUS	1	33	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	33	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	33	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS	100	0	23.00	23.00	23.00	24.5	0.0	
40	CPUS	100	0	23.00	23.00	23.00			
40	CPUS								

FCC_n41_Ant 1										
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low (C-1 Power)	Power Max (C-1 Power)	Power High (C-1 Power)	Turnup (m)	APRT (dB)		
Channel				50000	50000	50000				
Frequency (MHz)				2545.01	2545.00	2545				
100	PSS-BPSK	1	1	25.30	25.15	25.10				
100	PSS-BPSK	1	137	25.43	25.27	25.25	20.0	0.0		
100	PSS-BPSK	1	271	25.44	25.14	25.20				
100	PSS-BPSK	155	0	25.30	25.16	25.02	20.0	0.0		
100	PSS-BPSK	155	95	25.41	25.20	25.12	20.0	0.0		
100	PSS-BPSK	155	138	25.39	25.22	25.21	20.0	0.0		
100	QPSK	1	1	25.45	25.25	25.15				
100	QPSK	1	137	25.39	25.27	25.10	20.0	0.0		
100	QPSK	1	271	25.25	25.21	25.25				
100	QPSK	155	0	25.43	25.14	25.10	20.0	0.0		
100	QPSK	155	95	25.44	25.12	25.12	20.0	0.0		
100	QPSK	155	138	25.42	25.16	25.10	20.0	0.0		
100	QPSK	255	0	25.31	25.10	25.21	20.0	0.0		
100	QPSK	270	0	25.31	25.10	25.21				
100	QPSK	1	1	25.34	25.14	25.22	20.0	0.0		
100	QPSK	1	1	25.31	25.25	25.25	15.0	0.0		
100	QPSK	1	1	25.25	25.13	25.05	15.0	0.0		
Channel										
Frequency (MHz)				2541	2542.99	2544.00				
50	QPSK	1	1	25.44	25.24	25.24	20.0	0.0		
Channel				2542.01	2542.00	2542.00				
Frequency (MHz)				2539.92	2540.00	2540.00				
80	QPSK	1	1	25.32	25.17	25.21	20.0	0.0		
Channel				2531.01	2540.00	2540				
Frequency (MHz)				2531.01	2540.00	2540				
70	QPSK	1	1	25.30	25.07	25.07	20.0	0.0		
Channel				50000	50000	50000				
Frequency (MHz)				2525	2522.99	2530.00				
80	QPSK	1	1	25.47	25.16	25.06	20.0	0.0		
Channel				50000	50000	50000				
Frequency (MHz)				2512.52	2512.50	2512.50				
80	QPSK	1	1	25.38	25.13	25.13	20.0	0.0		
Channel				50000	50000	50000				
Frequency (MHz)				2510.51	2510.00	2510.00				
80	QPSK	1	1	25.35	25.20	25.15	20.0	0.0		
Channel				50000	50000	50000				
Frequency (MHz)				2508.50	2508.00	2508.00				
30	QPSK	1	1	25.30	25.17	25.20	20.0	0.0		
Channel				50000	50000	50000				
Frequency (MHz)				2505.04	2505.00	2505.00				
30	QPSK	1	1	25.44	25.23	25.17	20.0	0.0		

FCC_n41_Ant 2										
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low (C-1 Power)	Power Max (C-1 Power)	Power High (C-1 Power)	Turn-up (m)	APRT (dB)		
Channel				50000	50000	50000				
Frequency (MHz)				2545.01	2545.00	2545				
100	PSS-BPSK	1	1	24.76	24.67	24.65				
100	PSS-BPSK	1	137	24.83	24.71	24.70	20.0			
100	PSS-BPSK	1	271	24.70	24.50	24.60			20.0	0.0
100	PSS-BPSK	155	0	24.66	24.12	24.10	20.0		20.0	0.0
100	PSS-BPSK	155	95	24.55	24.06	24.10	20.0		20.0	0.0
100	PSS-BPSK	155	138	24.04	24.13	24.11	20.0		20.0	0.0
100	PSS-BPSK	255	0	24.02	24.10	24.20				
100	QPSK	1	1	24.00	24.12	24.10				
100	QPSK	1	137	24.65	24.48	24.60	20.0			
100	QPSK	1	271	24.75	24.50	24.61				
100	QPSK	155	0	25.06	24.82	25.07	20.0			1.0
100	QPSK	155	95	24.74	24.60	24.70	20.0			
100	QPSK	155	138	25.02	24.80	25.00	20.0			1.0
100	QPSK	255	0	25.09	24.53	25.08				
100	QPSK	1	1	25.36	25.02	25.00	20.0			1.0
100	QPSK	1	1	25.04	25.00	25.10	15.0			4.5
Channel				2541	2542.99	2544.00				
50	QPSK	1	1	24.82	24.65	24.70	20.0			0.0
Channel				2542.01	2542.00	2542.00				
Frequency (MHz)				2539.92	2540.00	2540.00				
80	QPSK	1	1	24.75	24.61	24.60	20.0			0.0
Channel				2531.01	2540.00	2540				
Frequency (MHz)				2531.01	2540.00	2540				
70	QPSK	1	1	24.67	24.50	24.57	20.0			0.0
Channel				50000	50000	50000				
Frequency (MHz)				2525	2522.99	2530.00				
80	QPSK	1	1	24.68	24.50	24.60	20.0			0.0
Channel				50000	50000	50000				
Frequency (MHz)				2512.52	2512.50	2512.50				
80	QPSK	1	1	24.63	24.46	24.50	20.0			0.0
Channel				50000	50000	50000				
Frequency (MHz)				2510.51	2510.00	2510.00				
80	QPSK	1	1	24.65	24.51	24.61	20.0			0.0
Channel				50000	50000	50000				
Frequency (MHz)				2508.50	2508.00	2508.00				
30	QPSK	1	1	24.62	24.43	24.57	20.0			0.0
Channel				50000	50000	50000				
Frequency (MHz)				2505.04	2505.00	2505.00				
30	QPSK	1	1	24.71	24.65	24.57	20.0			0.0

FCC_n41_Ant 4										
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low (C-1 Power)	Power Max (C-1 Power)	Power High (C-1 Power)	Turnup (m)	APRT (dB)		
Channel										
Frequency (MHz)				50000	50000	50000				
100	PSS-BPSK	1	1	24.41	24.23	24.10				
100	PSS-BPSK	1	137	24.39	24.16	24.07	20.0	0.0		
100	PSS-BPSK	1	271	24.13	24.00	24.00				
100	PSS-BPSK	155	0	24.76	24.64	24.64	20.0	0.0		
100	PSS-BPSK	155	95	24.35	24.14	24.08	20.0	0.0		
100	PSS-BPSK	155	138	23.59	23.50	23.50	20.0	0.0		
100	PSS-BPSK	255	0	23.60	23.50	23.60				
100	QPSK	1	1	24.45	24.12	24.10				
100	QPSK	1	137	24.17	24.11	24.07	20.0	0.0		
100	QPSK	1	271	24.14	24.00	24.04				
100	QPSK	155	0	25.02	24.15	25.00	20.0	1.0		
100	QPSK	155	95	24.16	24.11	24.00	20.0	0.0		
100	QPSK	155	138	25.11	25.00	25.00	20.0	1.0		
100	QPSK	255	0	25.10	25.10	25.00				
100	QPSK	1	1	25.10	25.07	25.00	20.0	1.0		
100	QPSK	1	1	25.00	25.14	25.00	15.0	2.0		
100	QPSK	1	1	25.00	25.17	25.10	15.0	4.5		
Channel										
Frequency (MHz)				50000	50000	50000				
50	QPSK	1	1	24.20	24.16	24.10	20.0	0.0		
Channel										
Frequency (MHz)				50000	50000	50000				
80	QPSK	1	1	24.20	24.16	24.10	20.0	0.0		
Channel										
Frequency (MHz)				50000	50000	50000				
75	QPSK	1	1	24.20	24.16	24.10	20.0	0.0		
Channel										
Frequency (MHz)				50000	50000	50000				
60	QPSK	1	1	24.20	24.22	24.00	20.0	0.0		
Channel										
Frequency (MHz)				50000	50000	50000				
50	QPSK	1	1	24.20	24.22	24.00	20.0	0.0		
Channel										
Frequency (MHz)				50000	50000	50000				
40	QPSK	1	1	24.20	24.22	24.00	20.0	0.0		
Channel										
Frequency (MHz)				50000	50000	50000				
30	QPSK	1	1	24.20	24.22	24.00	20.0	0.0		
Channel										
Frequency (MHz)				50000	50000	50000				
20	QPSK	1	1	24.20	24.22	24.00	20.0	0.0		
Channel										
Frequency (MHz)				50000	50000	50000				
10	QPSK	1	1	24.20	24.22	24.00	20.0	0.0		
Channel										
Frequency (MHz)				50000	50000	50000				
5	QPSK	1	1	24.20	24.22	24.00	20.0	0.0		

Reduced Power Mode for ECI 14

n2_Ant 1

n2_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				372000	376000	380000		
				1860	1880	1900		
20	PI2 BPSK	1	1	20.15	19.97	20.08		
20	PI2 BPSK	1	53	20.03	20.17	19.98	21.5	0.0
20	PI2 BPSK	1	104	19.91	20.06	20.02		
20	PI2 BPSK	50	0	19.94	20.02	19.99	21.5	0.0
20	PI2 BPSK	50	26	20.02	20.12	19.99	21.5	0.0
20	PI2 BPSK	50	56	19.95	20.09	20.05	21.5	0.0
20	PI2 BPSK	100	0	19.94	20.04	19.98		
20	QPSK	1	1	20.15	20.15	20.10		
20	QPSK	1	53	20.04	20.16	19.87	21.5	0.0
20	QPSK	1	104	19.99	19.96	19.91		
20	QPSK	50	0	20.00	19.92	19.91	21.5	0.0
20	QPSK	50	26	20.04	20.10	20.04	21.5	0.0
20	QPSK	50	56	19.97	19.96	19.95	21.5	0.0
20	QPSK	100	0	19.95	20.04	19.99		
20	16QAM	1	1	20.06	20.11	19.95	21.5	0.0
20	64QAM	1	1	20.05	20.07	20.08	21.5	0.0
20	256QAM	1	1	19.82	19.88	19.87	20.0	1.5
Channel								
Frequency (MHz)				371000	375000	379000	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	19.98	20.15	20.02	21.5	0.0
Channel								
Frequency (MHz)				370000	375000	381000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	20.07	20.18	19.99	21.5	0.0
Channel								
Frequency (MHz)				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	19.98	20.13	20.09	21.5	0.0

n2_Ant 2

n2_Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.68	22.70	22.68		
20	PI2 BPSK	1	53	22.68	22.64	22.53	24.5	0.0
20	PI2 BPSK	1	104	22.71	22.75	22.67		
20	PI2 BPSK	50	0	22.21	22.21	22.05	24.0	0.5
20	PI2 BPSK	50	26	22.58	22.66	22.65	24.5	0.0
20	PI2 BPSK	50	56	22.05	22.25	22.17	24.0	0.5
20	PI2 BPSK	100	0	22.24	22.19	22.15		
20	QPSK	1	1	22.67	22.50	22.75		
20	QPSK	1	53	22.67	22.79	22.68	24.5	0.0
20	QPSK	1	104	22.74	22.82	22.71		
20	QPSK	50	0	21.56	21.63	21.56	23.5	1.0
20	QPSK	50	26	22.35	22.62	22.57	24.5	0.0
20	QPSK	50	56	21.70	21.68	21.76	23.5	1.0
20	QPSK	100	0	21.63	21.76	21.59		
20	16QAM	1	1	21.55	21.58	21.53	23.5	1.0
20	64QAM	1	1	20.05	20.10	20.02	23.5	2.5
20	256QAM	1	1	18.40	18.57	18.65	20.0	4.5
Channel				371000	375000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.86	22.88	22.64	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.74	22.78	22.66	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.5	1880	1902.5		
5	QPSK	1	1	22.83	22.82	22.75	24.5	0.0

n2_Ant 4

n2_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1865	1860	1900		
20	PI2 BPSK	1	1	22.99	23.07	23.03	24.5	0.0
20	PI2 BPSK	1	53	23.02	23.05	22.99		
20	PI2 BPSK	1	104	22.90	23.02	22.90		
20	PI2 BPSK	50	0	22.44	22.57	22.42		
20	PI2 BPSK	50	26	22.98	23.05	22.91	24.0	0.5
20	PI2 BPSK	50	56	22.41	22.52	22.51	24.5	0.0
20	PI2 BPSK	100	0	22.47	22.60	22.54	24.0	0.5
20	QPSK	1	1	23.00	23.14	23.12		
20	QPSK	1	53	23.00	23.12	23.02		
20	QPSK	1	104	23.06	23.13	23.08		
20	QPSK	50	0	22.02	22.06	21.92	23.5	1.0
20	QPSK	50	26	22.56	23.05	22.98	24.5	0.0
20	QPSK	50	56	21.95	22.00	22.02	23.5	1.0
20	QPSK	100	0	21.81	21.95	21.93	23.5	1.0
20	16QAM	1	1	21.72	21.76	21.69		
20	64QAM	1	1	20.09	20.19	20.10		
20	256QAM	1	1	18.56	18.70	18.63		
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1867.5	1860	1902.5	(dBm)	(dB)
15	QPSK	1	1	22.96	23.01	23.07	24.5	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1865	1860	1905	(dBm)	(dB)
10	QPSK	1	1	23.03	23.04	22.97	24.5	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1862.5	1860	1907.5	(dBm)	(dB)
5	QPSK	1	1	22.94	23.03	23.02	24.5	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				166800	167300	167800	25.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	23.44	23.52	23.47	25.0	0.0
20	PI2 BPSK	1	53	23.49	23.66	23.66		
20	PI2 BPSK	1	104	23.43	23.50	23.52		
20	PI2 BPSK	50	0	23.03	23.19	23.14	24.5	0.5
20	PI2 BPSK	50	28	23.34	23.52	23.39	25.0	0.0
20	PI2 BPSK	50	56	22.99	23.08	22.95	24.5	0.5
20	PI2 BPSK	100	0	22.91	23.03	22.94	25.0	0.0
20	QPSK	1	1	23.61	23.70	23.61		
20	QPSK	1	53	23.38	23.56	23.55		
20	QPSK	1	104	23.45	23.59	23.58	24.0	1.0
20	QPSK	50	0	22.56	22.71	22.59		
20	QPSK	50	28	23.40	23.62	23.45		
20	QPSK	50	56	22.30	22.49	22.29	24.0	1.0
20	QPSK	100	0	22.38	22.67	22.42	24.0	1.0
20	16QAM	1	1	22.36	22.53	22.45		
20	64QAM	1	1	21.00	21.00	20.94		
20	256QAM	1	1	19.42	19.53	19.31	20.5	4.5
Channel				167300	167800	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5	25.0	0.0
15	QPSK	1	1	23.50	23.66	23.46	25.0	0.0
Channel				168300	167300	166800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				841	836.5	834	25.0	0.0
10	QPSK	1	1	23.59	23.55	23.57	25.0	0.0
Channel				169300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5	25.0	0.0
5	QPSK	1	1	23.58	23.60	23.51	25.0	0.0

n5_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	25.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	23.42	23.48	23.39	25.0	0.0
20	PI2 BPSK	1	53	23.42	23.53	23.51		
20	PI2 BPSK	1	104	23.39	23.50	23.48		
20	PI2 BPSK	50	0	22.95	23.05	23.04	24.5	0.5
20	PI2 BPSK	50	28	23.31	23.46	23.32	25.0	0.0
20	PI2 BPSK	50	56	22.91	23.00	22.85	24.5	0.5
20	PI2 BPSK	100	0	22.87	23.02	22.91	25.0	0.0
20	QPSK	1	1	23.61	23.66	23.55		
20	QPSK	1	53	23.35	23.50	23.46		
20	QPSK	1	104	23.44	23.53	23.50	24.0	1.0
20	QPSK	50	0	22.48	22.57	22.52		
20	QPSK	50	28	23.38	23.52	23.42		
20	QPSK	50	56	22.24	22.36	22.24	24.0	1.0
20	QPSK	100	0	22.36	22.45	22.35	24.0	1.0
20	16QAM	1	1	22.31	22.38	22.37		
20	64QAM	1	1	20.89	20.96	20.89		
20	256QAM	1	1	19.39	19.42	19.27	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5	25.0	0.0
15	QPSK	1	1	23.46	23.56	23.53	25.0	0.0
Channel				166800	167300	166800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				839	836.5	844	25.0	0.0
10	QPSK	1	1	23.50	23.42	23.41	25.0	0.0
Channel				166300	167300	166300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				846.5	836.5	846.5	25.0	0.0
5	QPSK	1	1	23.41	23.49	23.51	25.0	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	21.0	0.0
Frequency (MHz)				25.10	25.35	25.60		
20	PI2 BPSK	1	1	19.52	19.56	19.33		
20	PI2 BPSK	1	53	19.38	19.46	19.43	21.0	0.0
20	PI2 BPSK	1	104	19.30	19.52	19.40		
20	PI2 BPSK	50	0	19.39	19.44	19.40		
20	PI2 BPSK	50	26	19.49	19.53	19.44	21.0	0.0
20	PI2 BPSK	50	56	19.57	19.38	19.46	21.0	0.0
20	PI2 BPSK	100	0	19.40	19.48	19.43	21.0	0.0
20	QPSK	1	1	19.35	19.52	19.35		
20	QPSK	1	53	19.44	19.48	19.52		
20	QPSK	1	104	19.49	19.47	19.40	21.0	0.0
20	QPSK	50	0	19.48	19.45	19.47		
20	QPSK	50	26	19.56	19.57	19.54		
20	QPSK	50	56	19.41	19.48	19.41	21.0	0.0
20	QPSK	100	0	19.53	19.54	19.48	21.0	0.0
20	16QAM	1	1	19.52	19.56	19.37		
20	64QAM	1	1	19.51	19.52	19.37		
20	256QAM	1	1	19.53	19.66	19.69	20.0	1.0
Channel				503000	507000	512500	21.0	0.0
Frequency (MHz)				25.07.5	25.35	25.62.5		
15	QPSK	1	1	19.49	19.45	19.35		
Channel				501000	507000	513000	21.0	0.0
Frequency (MHz)				25.05	25.35	25.65		
10	QPSK	1	1	19.41	19.54	19.41		
Channel				500500	507000	513500	21.0	0.0
Frequency (MHz)				25.02.5	25.35	25.67.5		
5	QPSK	1	1	19.42	19.54	19.37		

n7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	513000	24.5	0.0
Frequency (MHz)				25.10	25.35	25.60		
20	PI2 BPSK	1	1	23.05	23.17	23.10		
20	PI2 BPSK	1	53	23.01	23.06	23.09	24.0	0.5
20	PI2 BPSK	1	104	23.04	23.17	23.00		
20	PI2 BPSK	50	0	22.58	22.61	22.46		
20	PI2 BPSK	50	26	23.00	23.05	23.07	24.0	0.5
20	PI2 BPSK	50	56	22.55	22.63	22.45	24.0	0.5
20	PI2 BPSK	100	0	22.60	22.56	22.49		
20	QPSK	1	1	23.11	23.20	23.16		
20	QPSK	1	53	23.08	23.13	23.05	24.5	0.0
20	QPSK	1	104	22.95	23.19	23.11	23.5	1.0
20	QPSK	50	0	22.20	22.23	22.11		
20	QPSK	50	26	22.35	23.05	23.03		
20	QPSK	50	56	22.00	22.02	21.95	23.5	1.0
20	QPSK	100	0	22.07	22.13	22.11	23.5	1.0
20	16QAM	1	1	21.96	22.00	21.97		
20	64QAM	1	1	20.47	20.55	20.47		
20	256QAM	1	1	19.63	19.62	19.59	20.0	4.5
Channel				501500	507000	512500	24.5	0.0
Frequency (MHz)				25.07.5	25.35	25.62.5		
15	QPSK	1	1	22.99	23.07	23.04		
Channel				501000	507000	513000	24.5	0.0
Frequency (MHz)				25.05	25.35	25.65		
10	QPSK	1	1	23.01	23.07	23.03		
Channel				500500	507000	513500	24.5	0.0
Frequency (MHz)				25.02.5	25.35	25.67.5		
5	QPSK	1	1	22.99	23.15	23.04		

n7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	24.5	0.0
Frequency (MHz)				25.10	25.35	25.60		
20	PI2 BPSK	1	1	23.00	23.02	22.93		
20	PI2 BPSK	1	53	22.82	22.97	22.96	24.0	0.5
20	PI2 BPSK	1	104	22.89	22.95	22.92		
20	PI2 BPSK	50	0	22.51	22.96	22.52		
20	PI2 BPSK	50	26	22.86	23.00	22.99	24.5	0.0
20	PI2 BPSK	50	56	22.52	22.60	22.48	24.0	0.5
20	PI2 BPSK	100	0	22.46	22.52	22.43		
20	QPSK	1	1	23.06	23.05	23.00		
20	QPSK	1	53	22.89	23.02	22.88	24.5	0.0
20	QPSK	1	104	22.86	23.00	22.93	23.5	1.0
20	QPSK	50	0	22.02	22.10	22.06		
20	QPSK	50	26	22.50	22.98	22.95		
20	QPSK	50	56	22.00	22.07	22.02	23.5	1.0
20	QPSK	100	0	21.92	21.99	21.95	23.5	1.0
20	16QAM	1	1	21.72	21.79	21.77		
20	64QAM	1	1	20.34	20.35	20.29		
20	256QAM	1	1	19.63	19.68	19.57	20.0	4.5
Channel				501500	507000	512500	24.5	0.0
Frequency (MHz)				25.07.5	25.35	25.62.5		
15	QPSK	1	1	22.83	23.03	22.97		
Channel				501000	507000	513000	24.5	0.0
Frequency (MHz)				25.05	25.35	25.65		
10	QPSK	1	1	23.04	23.02	23.00		
Channel				500500	507000	513500	24.5	0.0
Frequency (MHz)				25.02.5	25.35	25.67.5		
5	QPSK	1	1	22.93	22.97	22.98		

n12_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI2 BPSK	1	1	23.11	23.27	23.10	24.5	0.0
15	PI2 BPSK	1	40	23.05	23.17	23.07		
15	PI2 BPSK	1	77	23.08	23.20	23.12		
15	PI2 BPSK	36	0	22.62	22.70	22.60	24.0	0.5
15	PI2 BPSK	36	22	23.05	23.18	23.29	24.5	0.0
15	PI2 BPSK	36	43	22.59	22.74	22.49	24.0	0.5
15	PI2 BPSK	75	0	22.58	22.72	22.59	24.5	0.0
15	QPSK	1	1	23.05	23.20	23.21		
15	QPSK	1	40	23.20	23.13	23.08		
15	QPSK	1	77	23.15	23.16	23.16	23.5	1.0
15	QPSK	36	0	22.07	22.06	22.00		
15	QPSK	36	22	23.22	23.29	23.15		
15	QPSK	36	43	22.09	22.08	22.05	23.5	1.0
15	QPSK	75	0	22.00	22.19	22.06	23.5	1.0
15	16QAM	1	1	21.87	21.95	21.90		
15	64QAM	1	1	20.48	20.59	20.38		
15	256QAM	1	1	19.16	19.24	19.07	20.0	4.5
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.25	23.29	23.07	24.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.13	23.27	23.15	24.5	0.0

n12_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI2 BPSK	1	1	23.19	23.30	23.22	24.5	0.0
15	PI2 BPSK	1	40	23.11	23.25	23.19		
15	PI2 BPSK	1	77	23.30	23.31	23.17		
15	PI2 BPSK	36	0	22.77	22.83	22.74	24.0	0.5
15	PI2 BPSK	36	22	23.17	23.32	23.31	24.5	0.0
15	PI2 BPSK	36	43	22.65	22.77	22.64	24.0	0.5
15	PI2 BPSK	75	0	22.66	22.80	22.67	24.5	0.0
15	QPSK	1	1	23.20	23.26	23.24		
15	QPSK	1	40	23.26	23.28	23.19		
15	QPSK	1	77	23.18	23.30	23.20	23.5	1.0
15	QPSK	36	0	22.09	22.12	22.09		
15	QPSK	36	22	23.25	23.30	23.24		
15	QPSK	36	43	22.14	22.18	22.12	23.5	1.0
15	QPSK	75	0	22.10	22.20	22.12	23.5	1.0
15	16QAM	1	1	21.97	22.10	22.02		
15	64QAM	1	1	20.59	20.80	20.48		
15	256QAM	1	1	19.12	19.18	19.16	20.0	4.5
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.26	23.29	23.16	24.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.17	23.29	23.23	24.5	0.0

n66_Ant 1

n66_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
				345000	349000	353000				
				1725	1745	1765				
30	PI2 BPSK	1	1	23.15	23.26	23.16	24.5	0.0		
30	PI2 BPSK	1	80	23.17	23.20	23.19				
30	PI2 BPSK	1	158	23.11	23.22	23.10				
30	PI2 BPSK	80	0	22.69	22.75	22.67				
30	PI2 BPSK	80	40	23.20	23.25	23.23	24.5	0.0		
30	PI2 BPSK	80	80	22.65	22.73	22.65	24.0	0.5		
30	PI2 BPSK	160	0	22.60	22.66	22.54	24.5	0.0		
30	QPSK	1	1	23.20	23.30	23.24				
30	QPSK	1	80	23.19	23.25	23.12				
30	QPSK	1	158	23.17	23.21	23.17				
30	QPSK	80	0	22.16	22.22	22.21	23.5	1.0		
30	QPSK	80	40	23.20	23.23	23.22	24.5	0.0		
30	QPSK	80	80	22.19	22.24	22.20	23.5	1.0		
30	QPSK	160	0	22.05	22.20	22.15	23.5	1.0		
30	16QAM	1	1	21.80	21.93	21.86				
30	16QAM	1	1	20.37	20.48	20.47				
30	256QAM	1	1	19.02	19.06	18.96				
Channel										
Frequency (MHz)										
				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)		
				1720	1745	1770				
20	QPSK	1	1	23.08	23.19	23.16	24.5	0.0		
Channel										
				345000	349000	353000				
				1712	1745	1773				
15	QPSK	1	1	23.11	23.22	23.16	24.5	0.0		
Channel										
				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)		
				1715	1745	1775				
10	QPSK	1	1	23.07	23.28	23.23	24.5	0.0		
Channel										
				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)		
				1712	1745	1773				
5	QPSK	1	1	23.08	23.18	23.18	24.5	0.0		

n66_Ant 2

n66_Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
				345000	349000	353000		
Frequency (MHz)								
				1725	1745	1765		
30	PI2 BPSK	1	1	23.01	23.22	23.10	24.5	0.0
30	PI2 BPSK	1	80	23.04	23.16	23.16		
30	PI2 BPSK	1	158	23.02	23.19	23.04		
30	PI2 BPSK	80	0	22.66	22.61	22.59		
30	PI2 BPSK	80	40	23.18	23.22	23.11	24.5	0.0
30	PI2 BPSK	80	80	22.58	22.61	22.57	24.0	0.5
30	PI2 BPSK	160	0	22.45	22.56	22.52	24.5	0.0
30	QPSK	1	1	23.17	23.27	23.12		
30	QPSK	1	80	23.15	23.21	23.08		
30	QPSK	1	158	23.08	23.18	23.08		
30	QPSK	80	0	22.15	22.17	22.20	23.5	1.0
30	QPSK	80	40	23.05	23.21	23.13	24.5	0.0
30	QPSK	80	80	22.05	22.12	22.16	23.5	1.0
30	QPSK	160	0	21.98	22.19	22.11	23.5	1.0
30	16QAM	1	1	21.76	21.85	21.82		
30	64QAM	1	1	20.27	20.34	20.43		
30	256QAM	1	1	18.92	18.95	18.84		
Channel								
				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
				1720	1745	1770		
20	QPSK	1	1	23.10	23.14	23.10	24.5	0.0
Channel								
				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
				1717.5	1745	1772.5		
15	QPSK	1	1	23.02	23.24	23.04	24.5	0.0
Channel								
				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
				1715	1745	1775		
10	QPSK	1	1	23.15	23.22	23.05	24.5	0.0
Channel								
				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
				1712.5	1745	1772.5		
5	QPSK	1	1	23.10	23.14	22.97	24.5	0.0

n66_Ant 4

n66_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				345000	349000	353000		
				1725	1745	1765		
30	PI2 BPSK	1	1	22.81	22.90	22.76		
30	PI2 BPSK	1	80	22.86	22.87	22.83	24.5	0.0
30	PI2 BPSK	1	158	22.70	22.85	22.80		
30	PI2 BPSK	80	0	22.39	22.45	22.36	24.0	0.5
30	PI2 BPSK	80	40	22.85	22.89	22.80	24.5	0.0
30	PI2 BPSK	80	80	22.34	22.42	22.29	24.0	0.5
30	PI2 BPSK	160	0	22.23	22.38	22.24		
30	QPSK	1	1	22.89	22.93	22.83		
30	QPSK	1	80	22.85	22.90	22.76	24.5	0.0
30	QPSK	1	158	22.83	22.88	22.77		
30	QPSK	80	0	21.84	21.96	21.91	23.5	1.0
30	QPSK	80	40	22.25	22.50	22.17	24.5	0.0
30	QPSK	80	80	21.91	21.92	21.87	23.5	1.0
30	QPSK	160	0	21.80	21.90	21.87		
30	16QAM	1	1	21.82	21.70	21.56	23.5	1.0
30	64QAM	1	1	20.17	20.31	20.26	22.0	2.5
30	256QAM	1	1	18.31	18.33	18.79	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.72	22.82	22.68	24.5	0.0
Channel								
Frequency (MHz)				345000	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1742.5	1745	1772.5		
15	QPSK	1	1	22.78	22.82	22.76	24.5	0.0
Channel								
Frequency (MHz)				345000	349000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.85	22.92	22.81	24.5	0.0
Channel								
Frequency (MHz)				345000	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
5	QPSK	1	1	22.77	22.83	22.74	24.5	0.0

n71_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Main Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				134.100	136.100	138.100	24.5	0.0
Frequency (MHz)				670.5	680.5	690.5		
15	PI2 BPSK	1	1	23.17	23.16	23.22		
15	PI2 BPSK	1	40	23.12	23.18	23.04	24.0	0.5
15	PI2 BPSK	1	77	23.16	23.17	23.10		
15	PI2 BPSK	36	0	22.67	22.71	22.69		
15	PI2 BPSK	36	22	23.15	23.22	23.07	24.0	0.5
15	PI2 BPSK	36	43	22.66	22.67	22.62		
15	PI2 BPSK	75	0	22.72	22.73	22.77		
15	QPSK	1	1	23.25	23.26	23.27	24.5	0.0
15	QPSK	1	40	23.17	23.25	23.18		
15	QPSK	1	77	23.07	23.13	23.10		
15	QPSK	36	0	21.99	22.06	21.91	23.5	1.0
15	QPSK	36	22	23.15	23.25	23.18		
15	QPSK	36	43	22.09	22.10	22.08		
15	QPSK	75	0	22.00	22.08	22.06	23.5	1.0
15	16QAM	1	1	21.96	22.01	22.05		
15	64QAM	1	1	20.51	20.55	20.37		
15	256QAM	1	1	19.11	19.14	19.13	20.0	4.5
Channel				133.100	135.100	137.100		
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.16	23.19	23.25	24.5	0.0
Channel				133.100	136.100	139.100		
Frequency (MHz)				663.5	680.5	696.5		
5	QPSK	1	1	23.17	23.19	23.23	24.5	0.0

n71_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Main Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				134.100	136.100	138.100	24.5	0.0
Frequency (MHz)				670.5	680.5	690.5		
15	PI2 BPSK	1	1	23.26	23.30	23.26		
15	PI2 BPSK	1	40	23.18	23.21	23.13	24.0	0.5
15	PI2 BPSK	1	77	23.20	23.26	23.13		
15	PI2 BPSK	36	0	22.77	22.83	22.69		
15	PI2 BPSK	36	22	23.23	23.25	23.12	24.0	0.5
15	PI2 BPSK	36	43	22.74	22.78	22.67		
15	PI2 BPSK	75	0	22.73	22.85	22.82		
15	QPSK	1	1	23.34	23.35	23.33	24.5	0.0
15	QPSK	1	40	23.26	23.32	23.22		
15	QPSK	1	77	23.16	23.28	23.16		
15	QPSK	36	0	22.07	22.16	22.02	23.5	1.0
15	QPSK	36	22	23.27	23.28	23.23		
15	QPSK	36	43	22.13	22.21	22.17		
15	QPSK	75	0	22.13	22.19	22.16	23.5	1.0
15	16QAM	1	1	22.06	22.15	22.10		
15	64QAM	1	1	20.60	20.63	20.48		
15	256QAM	1	1	19.26	19.29	19.15	20.0	4.5
Channel				133.100	135.100	137.100		
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.31	23.28	23.27	24.5	0.0
Channel				133.100	136.100	139.100		
Frequency (MHz)				663.5	680.5	696.5		
5	QPSK	1	1	23.33	23.25	23.19	24.5	0.0

n38_Ant 1									
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low (C/I (dB))	Power Mean (C/I (dB))	Power High (C/I (dB))	Timegap (ms)	MPT (dB)	
Channel				51984	51992	51998			
Frequency (MHz)									
40	PUSCH	1	1	18.73	18.82	18.92			
40	PUSCH	1	53	18.69	18.75	18.85	20.5	0.0	
40	PUSCH	1	104	18.71	18.83	18.97			
40	PUSCH	50	0	18.81	18.84	18.91	20.5	0.0	
40	PUSCH	50	26	18.84	18.86	18.71	20.5	0.0	
40	PUSCH	50	56	18.69	18.79	18.88	20.5	0.0	
40	PUSCH	100	0	18.88	18.77	18.76			
40	CPICH	1	1	18.73	18.96	18.71			
40	CPICH	1	53	18.69	18.71	18.82	20.5	0.0	
40	CPICH	1	104	18.77	18.77	18.76			
40	CPICH	50	0	18.88	18.82	18.88	20.5	0.0	
40	CPICH	50	26	18.75	18.83	18.76	20.5	0.0	
40	CPICH	50	56	18.63	18.65	18.56	20.5	0.0	
40	CPICH	100	0	18.85	18.72	18.67	20.5	0.0	
40	ICHM	1	1	18.76	18.71	18.71	20.5	0.0	
40	ICHM	1	1	18.75	18.68	18.67	20.5	0.0	
40	ICHM	1	1	18.50	18.42	18.50	20.5	0.0	
Report									
Frequency (MHz)				51984	51992	51998			
30	CPICH	1	1	18.75	18.86	18.76	20.5	0.0	
Channel									
Frequency (MHz)				51984	51992	51998			
20	CPICH	1	1	18.73	18.89	18.76	20.5	0.0	

n38_Ant 2									
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low (C/I (dB))	Power Mean (C/I (dB))	Power High (C/I (dB))	Timegap (ms)	MPT (dB)	
Channel				51984	51992	51998			
Frequency (MHz)									
40	PUSCH	1	1	23.18	23.22	23.28			
40	PUSCH	1	53	23.42	23.45	23.42	24.5	0.0	
40	PUSCH	1	104	23.42	23.31	23.28			
40	PUSCH	50	0	23.81	23.82	23.82	24.5	0.0	
40	PUSCH	50	26	23.35	23.37	23.42	24.5	0.0	
40	PUSCH	50	56	23.89	23.88	23.88	24.0	0.0	
40	PUSCH	100	0	23.88	23.83	23.86			
40	CPICH	1	1	23.18	23.37	23.15			
40	CPICH	1	53	23.29	23.35	23.42	24.5	0.0	
40	CPICH	1	104	23.43	23.33	23.31			
40	CPICH	50	0	23.25	23.32	23.38	24.5	1.0	
40	CPICH	50	26	23.25	23.34	23.32	24.5	0.0	
40	CPICH	50	56	23.27	23.38	23.32	24.5	0.0	
40	CPICH	100	0	23.29	23.30	23.28	24.5	1.0	
40	ICHM	1	1	23.87	23.84	23.81	23.5	1.0	
40	ICHM	1	1	23.85	23.85	23.85	23.5	1.0	
40	ICHM	1	1	18.45	18.14	18.10	20.5	4.5	
Report									
Frequency (MHz)				51984	51992	51998			
30	CPICH	1	1	23.24	23.25	23.42	24.5	0.0	
Channel									
Frequency (MHz)				51984	51992	51998			
20	CPICH	1	1	23.26	23.35	23.41	24.5	0.0	

n38_Ant 4									
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low (C/I (dB))	Power Mean (C/I (dB))	Power High (C/I (dB))	Timegap (ms)	MPT (dB)	
Channel				51984	51992	51998			
Frequency (MHz)									
40	PUSCH	1	1	23.88	23.83	23.84			
40	PUSCH	1	53	23.79	23.86	23.88	24.5	0.0	
40	PUSCH	1	104	23.81	23.85	23.87			
40	PUSCH	50	0	24.42	24.37	24.34	24.0	0.0	
40	PUSCH	50	26	23.85	23.82	23.85	24.5	0.0	
40	PUSCH	50	56	23.81	23.45	23.38	24.0	0.0	
40	PUSCH	100	0	24.38	24.47	24.46			
40	CPICH	1	1	23.78	23.98	23.75			
40	CPICH	1	53	23.81	23.85	23.82	24.5	0.0	
40	CPICH	1	104	23.89	23.82	23.88			
40	CPICH	50	0	21.82	21.88	21.98	23.5	1.0	
40	CPICH	50	26	22.85	22.84	22.81	24.5	0.0	
40	CPICH	50	56	21.88	21.82	21.81	23.5	1.0	
40	CPICH	100	0	21.99	21.95	21.98	23.5	1.0	
40	ICHM	1	1	21.71	21.80	21.78	23.5	1.0	
40	ICHM	1	1	20.28	20.45	20.35	23.5	2.5	
40	ICHM	1	1	18.80	18.30	18.80	20.5	4.5	
Report									
Frequency (MHz)				51984	51992	51998			
30	CPICH	1	1	23.97	23.94	23.95	24.5	0.0	
Channel									
Frequency (MHz)				51984	51992	51998			
20	CPICH	1	1	23.01	23.87	23.84	24.5	0.0	

FCC_n41_Ant 1									
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turnup time (min)	MPTT (dB)	
Channel				2500.00	5.0000	5000.00			
Frequency (MHz)				2500.01	2500.99	2500			
100	PSS-BPSK	1	1	18.80	18.90	18.81			
100	PSS-BPSK	1	137	18.90	19.00	18.79	20.0		
100	PSS-BPSK	1	271	18.91	18.70	18.70			
100	PSS-BPSK	155	0	18.80	18.90	18.81	20.0		
100	PSS-BPSK	155	95	18.91	18.71	18.70	20.0		
100	PSS-BPSK	155	138	18.87	18.93	18.88	20.0		
100	PSS-BPSK	270	0	18.80	18.90	18.81			
100	QPSK	1	1	18.80	18.70	18.70			
100	QPSK	1	137	18.89	18.87	18.88	20.0		
100	QPSK	1	271	18.77	18.80	18.80			
100	QPSK	155	0	18.91	18.88	18.77	20.0		
100	QPSK	155	95	18.80	18.71	18.70	20.0		
100	QPSK	155	138	18.80	18.80	18.80	20.0		
100	QPSK	270	0	18.80	18.72	18.70	20.0		
100	QPSK	270	1	18.76	18.54	18.71	20.0		
100	QPSK	1	1	18.70	18.70	18.60	20.0		
100	QPSK	1	1	18.69	18.60	18.50	20.0		
Channel				2501	2502.99	2503.00			
Frequency (MHz)				2501	2502.99	2503			
50	QPSK	1	1	18.90	18.72	18.70	20.0		
Channel				2502.01	2502.99	2503.00			
Frequency (MHz)				2502.01	2502.99	2503.00			
80	QPSK	1	1	18.87	18.81	18.78	20.0		
Channel				2503.01	2503.99	2504			
Frequency (MHz)				2503.01	2503.99	2504			
70	QPSK	1	1	18.82	18.84	18.88	20.0		
Channel				2504.01	2504.99	2505			
Frequency (MHz)				2504.01	2504.99	2505			
60	QPSK	1	1	18.82	18.84	18.78	20.0		
Channel				2505.01	2505.99	2506			
Frequency (MHz)				2505.01	2505.99	2506			
50	QPSK	1	1	18.84	18.71	18.68	20.0		
Channel				2506.01	2506.99	2507			
Frequency (MHz)				2506.01	2506.99	2507			
40	QPSK	1	1	18.88	18.70	18.70	20.0		
Channel				2507.01	2507.99	2508			
Frequency (MHz)				2507.01	2507.99	2508			
30	QPSK	1	1	18.87	18.70	18.70	20.0		
Channel				2508.01	2508.99	2509			
Frequency (MHz)				2508.01	2508.99	2509			
20	QPSK	1	1	18.87	18.81	18.70	20.0		

FCC_n41_Ant 2									
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turnup time (min)	MPTT (dB)	
Channel				2500.00	5.0000	5000.00			
Frequency (MHz)				2500.01	2500.99	2500			
100	PSS-BPSK	1	1	24.76	24.87	24.80			
100	PSS-BPSK	1	137	24.80	24.71	24.70	20.0		
100	PSS-BPSK	1	271	24.70	24.58	24.60			
100	PSS-BPSK	155	0	24.66	24.12	24.10	20.0		
100	PSS-BPSK	155	95	24.50	24.06	24.10	20.0		
100	PSS-BPSK	155	138	24.04	24.10	24.11	20.0		
100	PSS-BPSK	270	0	24.00	24.00	24.00			
100	QPSK	1	1	24.00	24.10	24.10			
100	QPSK	1	137	24.05	24.08	24.00	20.0		
100	QPSK	1	271	24.10	24.00	24.01			
100	QPSK	155	0	23.98	23.82	23.87	20.0		
100	QPSK	155	95	24.14	23.80	23.80	20.0		
100	QPSK	155	138	23.82	23.80	23.80	20.0		
100	QPSK	270	0	23.80	23.80	23.80	20.0		
100	QPSK	270	1	23.86	23.82	23.80	20.0		
100	QPSK	1	1	23.84	23.80	23.70	20.0		
100	QPSK	1	1	23.80	23.80	23.70	20.0		
Channel				2501	2502.99	2503.00			
Frequency (MHz)				2501	2502.99	2503.00			
50	QPSK	1	1	24.80	24.60	24.70	20.0		
Channel				2502.01	2502.99	2503.00			
Frequency (MHz)				2502.01	2502.99	2503.00			
80	QPSK	1	1	24.75	24.61	24.60	20.0		
Channel				2503.01	2503.99	2504			
Frequency (MHz)				2503.01	2503.99	2504			
70	QPSK	1	1	24.67	24.57	24.57	20.0		
Channel				2504.01	2504.99	2505			
Frequency (MHz)				2504.01	2504.99	2505			
60	QPSK	1	1	24.68	24.58	24.60	20.0		
Channel				2505.01	2505.99	2506			
Frequency (MHz)				2505.01	2505.99	2506			
50	QPSK	1	1	24.68	24.46	24.40	20.0		
Channel				2506.01	2506.99	2507			
Frequency (MHz)				2506.01	2506.99	2507			
40	QPSK	1	1	24.65	24.51	24.51	20.0		
Channel				2507.01	2507.99	2508			
Frequency (MHz)				2507.01	2507.99	2508			
30	QPSK	1	1	24.60	24.40	24.40	20.0		
Channel				2508.01	2508.99	2509			
Frequency (MHz)				2508.01	2508.99	2509			
20	QPSK	1	1	24.71	24.60	24.57	20.0		

FCC_n41_Ant 4									
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turnup time (min)	MPTT (dB)	
Channel				2500.00	5.0000	5000.00			
Frequency (MHz)				2500.01	2500.99	2500			
100	PSS-BPSK	1	1	24.41	24.20	24.10			
100	PSS-BPSK	1	137	24.10	24.06	24.07	20.0		
100	PSS-BPSK	1	271	24.10	24.08	24.00			
100	PSS-BPSK	155	0	24.16	23.87	23.88	20.0		
100	PSS-BPSK	155	95	24.10	24.04	24.08	20.0		
100	PSS-BPSK	155	138	23.89	23.90	23.85	20.0		
100	PSS-BPSK	270	0	23.80	23.80	23.80			
100	QPSK	1	1	24.08	24.10	24.10			
100	QPSK	1	137	24.17	24.11	24.07	20.0		
100	QPSK	1	271	24.18	24.08	24.04			
100	QPSK	155	0	23.92	23.15	23.88	20.0		
100	QPSK	155	95	24.18	23.11	23.80	20.0		
100	QPSK	155	138	23.11	23.88	23.80	20.0		
100	QPSK	270	0	23.10	23.10	23.80	20.0		
100	QPSK	270	1	23.10	23.07	23.80	20.0		
100	QPSK	1	1	23.00	23.14	23.00	20.0		
100	QPSK	1	1	23.00	23.17	23.00	20.0		
Channel				2501	2502.99	2503.00			
Frequency (MHz)				2501	2502.99	2503.00			
50	QPSK	1	1	24.20	24.16	24.10	20.0		
Channel				2502.01	2502.99	2503.00			
Frequency (MHz)				2502.01	2502.99	2503.00			
80	QPSK	1	1	24.27	24.16	24.10	20.0		
Channel				2503.01	2503.99	2504			
Frequency (MHz)				2503.01	2503.99	2504			
70	QPSK	1	1	24.20	24.08	24.07	20.0		
Channel				2504.01	2504.99	2505			
Frequency (MHz)				2504.01	2504.99	2505			
10	QPSK	1	1	24.20	24.02	24.07	20.0		
Channel				2505.01	2505.99	2506			
Frequency (MHz)				2505.01	2505.99	2506			
50	QPSK	1	1	24.10	24.08	24.00	20.0		
Channel				2506.01	2506.99	2507			
Frequency (MHz)				2506.01	2506.99	2507			
50	QPSK	1	1	24.10	24.01	24.00	20.0		
Channel				2507.01	2507.99	2508			
Frequency (MHz)				2507.01	2507.99	2508			
40	QPSK	1	1	24.00	24.17	24.10	20.0		
Channel				2508.01	2508.99	2509			
Frequency (MHz)				2508.01	2508.99	2509			
50	QPSK	1	1	24.20	24.17	24.14	20.0		
Channel				2509.01	2509.99	2510			
Frequency (MHz)				2509.01	2509.99	2510			
20	QPSK	1	1	24.20	24.16	24.08	20.0		

Part27Q_n77_Ant 1									
BW [MHz]	Modulation	RB [KHz]	SS Offset	Power Low Ch. 1 [Fem]	Power Max Ch. 1 [Fem]	Power High Ch. 1 [Fem]	Turn-on Int. [dBm]	MPT [dB]	
Channel				63332	3489.98				
Frequency [MHz]									
100	PSS-BPSK	1	1	16.34					
100	PSS-BPSK	1	137	16.35			17.0	0.0	
100	PSS-BPSK	1	271	16.40					
100	PSS-BPSK	150	0	16.36			17.0	0.0	
100	PSS-BPSK	150	95	16.33			17.0	0.0	
100	PSS-BPSK	150	138	16.32			17.0	0.0	
100	PSS-BPSK	270	0	16.37					
100	QPSK	1	1	16.32					
100	QPSK	1	137	16.23			17.0	0.0	
100	QPSK	1	271	16.30					
100	QPSK	150	0	16.26			17.0	0.0	
100	QPSK	150	95	16.40			17.0	0.0	
100	QPSK	150	138	16.36			17.0	0.0	
100	QPSK	270	0	16.40					
100	QAM	1	1	16.22			17.0	0.0	
100	QAM	1	1	16.25			17.0	0.0	
100	QAM	1	1	16.25			17.0	0.0	
Channel				63332	3489.98	3493.98			
Frequency [MHz]									
50	QPSK	1	1	16.46	16.45	16.47	17.0	0.0	
Channel				63332	3489.98				
50	QPSK	1	1	16.27	16.45	16.47	17.0	0.0	
Channel				347321	3489.98	3493.98			
50	QPSK	1	1	16.41	16.38	16.40	17.0	0.0	
Channel				63332	3489.98				
50	QPSK	1	1	16.42	16.48	16.47	17.0	0.0	
Channel				63332	3489.98				
50	QPSK	1	1	16.45	16.38	16.39	17.0	0.0	

Part27Q_n77_Ant 1									
BW [MHz]	Modulation	RB [KHz]	RB Offset	Power Low Ch. 1 [Fem]	Power Max Ch. 1 [Fem]	Power High Ch. 1 [Fem]	Turnup Int. [dBm]	MPT [dB]	
Channel									
Frequency [MHz]				63332	3489.98	3493.98			
100	PSS-BPSK	1	1	16.35	16.27	16.38			
100	PSS-BPSK	1	137	16.28	16.21	16.35	17.0	0.0	
100	PSS-BPSK	1	271	16.16	16.18	16.15			
100	PSS-BPSK	150	0	16.16	16.27	16.40	17.0	0.0	
100	PSS-BPSK	150	95	16.22	16.17	16.16	17.0	0.0	
100	PSS-BPSK	150	138	16.19	16.20	16.12	17.0	0.0	
100	PSS-BPSK	270	0	16.28	16.20	16.26			
100	QPSK	1	1	16.14	16.36	16.15			
100	QPSK	1	137	16.07	16.10	16.20	17.0	0.0	
100	QPSK	1	271	16.20	16.13	16.14			
100	QPSK	150	0	16.14	16.26	16.09	17.0	0.0	
100	QPSK	150	95	16.15	16.20	16.10	17.0	0.0	
100	QPSK	150	138	16.04	16.22	16.14	17.0	0.0	
100	QPSK	270	0	16.16	16.20	16.17			
100	QAM	1	1	16.11	16.14	16.10	17.0	0.0	
100	QAM	1	1	16.06	16.10	16.11	17.0	0.0	
100	QAM	1	1	16.09	16.20	16.09	17.0	0.0	
Channel									
Frequency [MHz]				63332	3489.98	3493.98			
50	QPSK	1	1	16.12	16.29	16.10	17.0	0.0	
Channel									
Frequency [MHz]				63332	3489.98	3493.98			
50	QPSK	1	1	16.23	16.20	16.11	17.0	0.0	
Channel									
Frequency [MHz]				63332	3489.98	3493.98			
50	QPSK	1	1	16.17	16.16	16.09	17.0	0.0	
Channel									
Frequency [MHz]				63332	3489.98				
50	QPSK	1	1	16.12	16.16	16.10	17.0	0.0	
Channel									
Frequency [MHz]				63332	3489.98				
50	QPSK	1	1	16.13	16.15	16.10	17.0	0.0	

Part27Q_n77_Ant_3									
BW [MHz]	Modulation	RB [KHz]	RB Offset	Power Low Ch. 1 [Fem]	Power Max Ch. 1 [Fem]	Power High Ch. 1 [Fem]	Turn-up Int. [dBm]	MPT [dB]	
Channel				63332	3489.98				
Frequency [MHz]									
100	PSS-BPSK	1	1	22.07					
100	PSS-BPSK	1	137	21.87			23.0	0.0	
100	PSS-BPSK	1	271	22.05					
100	PSS-BPSK	150	0	21.98			22.5	0.0	
100	PSS-BPSK	150	95	21.95			22.5	0.0	
100	PSS-BPSK	150	138	21.49			22.5	0.0	
100	PSS-BPSK	270	0	21.56					
100	QPSK	1	1	22.14					
100	QPSK	1	137	22.05			23.0	0.0	
100	QPSK	1	271	21.87					
100	QPSK	150	0	21.80			22.9	1.0	
100	QPSK	150	95	22.05			22.9	0.0	
100	QPSK	150	138	21.49			22.9	0.0	
100	QPSK	270	0	21.54			22.9	1.0	
100	QAM	1	1	22.01			22.5	1.0	
100	QAM	1	1	16.46			22.5	2.0	
100	QAM	1	1	16.31			16.3	4.5	
Channel				63332	3489.98				
Frequency [MHz]									
50	QPSK	1	1	22.07	22.09	22.05	22.0	0.0	
Channel				63332	3489.98				
Frequency [MHz]									
50	QPSK	1	1	22.05	22.05	22.03	22.0	0.0	
Channel				347321	3489.98	3493.98			
50	QPSK	1	1	22.07	22.06	22.04	22.0	0.0	
Channel				63332	3489.98				
Frequency [MHz]									
50	QPSK	1	1	22.02	22.06	22.04	22.0	0.0	
Channel				63332	3489.98				
Frequency [MHz]									
50	QPSK	1	1	22.02	22.06	22.04	22.0	0.0	
Channel				63332	3489.98				
Frequency [MHz]									
50	QPSK	1	1	22.07	22.07	22.06	22.0	0.0	

Part27Q_n77_Ant_3									
BW [MHz]	Modulation	RB [KHz]	SS Offset	Power Low Ch. 1 [Fem]	Power Max Ch. 1 [Fem]	Power High Ch. 1 [Fem]	Turnup Int. [dBm]	MPT [dB]	
Channel									
Frequency [MHz]				63332	3489.98				
100	PSS-BPSK	1	1	22.17	22.29	22.17			
100	PSS-BPSK	1	137	22.15	22.27	22.09	23.0	0.0	
100	PSS-BPSK	1	271	22.09	22.28	22.11			
100	PSS-BPSK	150	0	21.76	21.80	21.72	22.5	0.0	
100	PSS-BPSK	150	95	22.21	22.20	22.15	22.5	0.0	
100	PSS-BPSK	150	138	21.79	21.73	21.65	22.5	0.0	
100	PSS-BPSK	270	0	21.71	21.76	21.69			
100	QPSK	1	1	22.13	22.26	22.11			
100	QPSK	1	137	22.15	22.25	22.10	23.0	0.0	
100	QPSK	1	271	22.13	22.20	22.12			
100	QPSK	150	0	21.18	21.23	21.10	22.9	1.0	
100	QPSK	150	95	22.25	22.26	22.10	22.9	0.0	
100	QPSK	150	138	21.49	21.19	21.02	22.9	1.0	
100	QPSK	270	0	21.59	21.14	21.10	22.9	1.0	
100	QAM	1	1	21.96	21.18	21.14	22.5	1.0	
100	QAM	1	1	16.50	16.70	16.60	22.5	2.0	
100	QAM								
Channel									
Frequency [MHz]				63332	3489.98		Turnup Int. [dBm]	MPT [dB]	
60	QPSK	1	1	22.11	22.25	22.11	23.0	0.0	
60	QPSK	1	137	22.13	22.23	22.03	23.0	0.0	
60	QPSK	1	271	22.07	22.22	22.07	23.0	0.0	
60	QPSK	150	0	21.74	21.79	21.71	22.5	0.0	
60	QPSK	150	95	22.18	22.20	22.11	22.5	0.0	
Channel									
Frequency [MHz]				63332	3489.98		Turnup Int. [dBm]	MPT [dB]	
40	QPSK	1	1	22.09	22.20	22.04	23.0	0.0	
Channel									
Frequency [MHz]				63332	3489.98		Turnup Int. [dBm]	MPT [dB]	
30	QPSK	1	1	22.16	22.26	22.14	23.0	0.0	
Channel									
Frequency [MHz]				63332	3489.98		Turnup Int. [dBm]	MPT [dB]	
20	QPSK	1	1	22.10	22.17	22.12	23.0	0.0	

Reduced Power Mode for ECI 15

n2_Ant 1

n2_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	23.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	21.47	21.65	21.50	23.0	0.0
20	PI2 BPSK	1	53	21.46	21.59	21.56		
20	PI2 BPSK	1	104	21.46	21.62	21.58		
20	PI2 BPSK	50	0	21.46	21.65	21.45	23.0	0.0
20	PI2 BPSK	50	26	21.56	21.54	21.49	23.0	0.0
20	PI2 BPSK	50	56	21.46	21.56	21.53	23.0	0.0
20	PI2 BPSK	100	0	21.45	21.64	21.49	23.0	0.0
20	QPSK	1	1	21.50	21.66	21.60	23.0	0.0
20	QPSK	1	53	21.56	21.54	21.59		
20	QPSK	1	104	21.57	21.66	21.52		
20	QPSK	50	0	21.57	21.53	21.45	23.0	0.0
20	QPSK	50	26	21.58	21.66	21.58	23.0	0.0
20	QPSK	50	56	21.47	21.54	21.54	23.0	0.0
20	QPSK	100	0	21.57	21.62	21.56	23.0	0.0
20	16QAM	1	1	21.52	21.54	21.49	23.0	0.0
20	64QAM	1	1	20.24	20.33	20.30	22.0	1.0
20	256QAM	1	1	18.82	18.88	18.87	20.0	3.0
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	21.48	21.60	21.55	23.0	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	21.44	21.64	21.56	23.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	21.51	21.53	21.51	23.0	0.0

n2_Ant 2

n2_Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	24.5	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.68	22.70	22.68	24.5	0.0
20	PI2 BPSK	1	53	22.68	22.64	22.53		
20	PI2 BPSK	1	104	22.71	22.75	22.67		
20	PI2 BPSK	50	0	22.21	22.21	22.05	24.0	0.5
20	PI2 BPSK	50	26	22.58	22.66	22.65	24.5	0.0
20	PI2 BPSK	50	56	22.05	22.25	22.17	24.0	0.5
20	PI2 BPSK	100	0	22.24	22.19	22.15	24.5	0.0
20	QPSK	1	1	22.67	22.90	22.79		
20	QPSK	1	53	22.67	22.79	22.68		
20	QPSK	1	104	22.74	22.82	22.71	23.5	1.0
20	QPSK	50	0	21.55	21.63	21.55	23.5	0.0
20	QPSK	50	26	22.56	22.62	22.57	24.5	0.0
20	QPSK	50	56	21.70	21.66	21.76	23.5	1.0
20	QPSK	100	0	21.63	21.75	21.59	23.5	1.0
20	16QAM	1	1	21.55	21.58	21.53		
20	64QAM	1	1	20.05	20.10	20.02		
20	256QAM	1	1	18.49	18.57	18.65	20.0	4.5
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	22.46	22.59	22.64	24.5	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	22.74	22.78	22.68	24.5	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	22.83	22.82	22.75	24.5	0.0

n2_Ant 4

n2_Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	21.49	21.59	21.56	23.0	0.0
20	PI2 BPSK	1	53	21.57	21.63	21.54		
20	PI2 BPSK	1	104	21.60	21.54	21.51		
20	PI2 BPSK	50	0	21.51	21.59	21.52	23.0	0.0
20	PI2 BPSK	50	26	21.59	21.68	21.46	23.0	0.0
20	PI2 BPSK	50	56	21.53	21.59	21.50	23.0	0.0
20	PI2 BPSK	100	0	21.55	21.63	21.49	23.0	0.0
20	QPSK	1	1	21.64	21.66	21.60		
20	QPSK	1	53	21.53	21.61	21.57		
20	QPSK	1	104	21.49	21.62	21.49	23.0	0.0
20	QPSK	50	0	21.59	21.61	21.55	23.0	0.0
20	QPSK	50	26	21.62	21.65	21.58	23.0	0.0
20	QPSK	50	56	21.60	21.63	21.55	23.0	0.0
20	QPSK	100	0	21.59	21.63	21.58	23.0	0.0
20	16QAM	1	1	21.59	21.64	21.59	23.0	0.0
20	64QAM	1	1	20.09	20.19	20.10	22.0	1.0
20	256QAM	1	1	18.55	18.70	18.63	20.0	3.0
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	21.53	21.66	21.51	23.0	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	21.63	21.55	21.53	23.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	21.61	21.66	21.59	23.0	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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	23.44	23.52	23.47	25.0	0.0
20	PI2 BPSK	1	53	23.49	23.66	23.66		
20	PI2 BPSK	1	104	23.43	23.55	23.52		
20	PI2 BPSK	50	0	23.03	23.19	23.14	24.5	0.5
20	PI2 BPSK	50	28	23.34	23.52	23.39	25.0	0.0
20	PI2 BPSK	50	56	22.99	23.08	22.95	24.5	0.5
20	PI2 BPSK	100	0	22.91	23.03	22.94		
20	QPSK	1	1	23.41	23.50	23.45		
20	QPSK	1	53	23.38	23.56	23.55	25.0	0.0
20	QPSK	1	104	23.45	23.56	23.58	24.0	1.0
20	QPSK	50	0	22.55	22.71	22.59		
20	QPSK	50	28	23.48	23.62	23.49		
20	QPSK	50	56	22.30	22.49	22.28	24.0	1.0
20	QPSK	100	0	22.38	22.57	22.42		
20	16QAM	1	1	22.36	22.53	22.45	24.0	1.0
20	64QAM	1	1	21.00	21.00	20.94	22.5	2.5
20	256QAM	1	1	19.42	19.53	19.31	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR
Frequency (MHz)				831.5	836.5	841.5	(dB)	(dB)
15	QPSK	1	1	23.50	23.66	23.49	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.59	23.55	23.57	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	23.58	23.60	23.51	25.0	0.0

n5_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	23.42	23.48	23.39	25.0	0.0
20	PI2 BPSK	1	53	23.42	23.53	23.51		
20	PI2 BPSK	1	104	23.38	23.50	23.48		
20	PI2 BPSK	50	0	22.95	23.06	23.04	24.5	0.5
20	PI2 BPSK	50	28	23.31	23.46	23.32	25.0	0.0
20	PI2 BPSK	50	56	22.91	23.00	22.85	24.5	0.5
20	PI2 BPSK	100	0	22.87	23.02	22.91		
20	QPSK	1	1	23.41	23.49	23.45		
20	QPSK	1	53	23.35	23.50	23.46	25.0	0.0
20	QPSK	1	104	23.44	23.53	23.50		
20	QPSK	50	0	22.48	22.57	22.52		
20	QPSK	50	28	23.39	23.52	23.42	25.0	0.0
20	QPSK	50	56	22.24	22.36	22.24	24.0	1.0
20	QPSK	100	0	22.36	22.45	22.35		
20	16QAM	1	1	22.31	22.38	22.37	24.0	1.0
20	64QAM	1	1	20.89	20.96	20.89	22.5	2.5
20	256QAM	1	1	19.39	19.42	19.27	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	23.45	23.55	23.53	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.50	23.42	23.41	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	23.41	23.49	23.51	25.0	0.0

n7_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				23.10	23.15	23.10		
20	PI2 BPSK	1	1	21.04	21.10	20.95	22.5	0.0
20	PI2 BPSK	1	53	20.98	21.10	21.05		
20	PI2 BPSK	1	104	21.05	21.05	21.00		
20	PI2 BPSK	50	0	21.02	21.04	20.98	22.5	0.0
20	PI2 BPSK	50	28	21.01	21.04	21.08	22.5	0.0
20	PI2 BPSK	50	56	21.09	21.03	21.03	22.5	0.0
20	PI2 BPSK	100	0	20.99	21.08	21.05	22.5	0.0
20	QPSK	1	1	21.12	21.15	21.10		
20	QPSK	1	53	21.06	21.04	21.07		
20	QPSK	1	104	21.03	21.04	20.99	22.5	0.0
20	QPSK	50	0	21.00	21.05	21.00	22.5	0.0
20	QPSK	50	28	21.09	21.13	21.08	22.5	0.0
20	QPSK	50	56	21.04	21.00	21.05	22.5	0.0
20	QPSK	100	0	21.10	21.12	21.08	22.0	0.5
20	16QAM	1	1	21.10	21.10	20.98		
20	64QAM	1	1	20.19	20.20	20.10		
20	256QAM	1	1	18.83	18.88	18.99	20.0	2.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	21.09	21.11	21.01	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	21.01	21.09	21.01	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	21.09	21.12	20.97	22.5	0.0

n7_Ant 2

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				23.10	23.15	23.10		
20	PI2 BPSK	1	1	23.05	23.17	23.10	24.5	0.0
20	PI2 BPSK	1	53	23.01	23.08	23.09		
20	PI2 BPSK	1	104	23.04	23.17	23.00		
20	PI2 BPSK	50	0	22.88	22.61	22.46	24.0	0.5
20	PI2 BPSK	50	28	23.00	23.05	23.07	24.5	0.0
20	PI2 BPSK	50	56	22.55	22.63	22.45	24.0	0.5
20	PI2 BPSK	100	0	22.60	22.56	22.49	24.5	0.0
20	QPSK	1	1	23.11	23.20	23.10		
20	QPSK	1	53	23.08	23.13	23.05		
20	QPSK	1	104	22.96	23.19	23.11	23.5	1.0
20	QPSK	50	0	22.20	22.23	22.11	23.5	1.0
20	QPSK	50	28	22.98	23.05	23.03	24.5	0.0
20	QPSK	50	56	22.00	22.02	21.95	23.5	1.0
20	QPSK	100	0	22.07	22.13	22.11	23.5	1.0
20	16QAM	1	1	21.96	22.00	21.97		
20	64QAM	1	1	20.47	20.55	20.47		
20	256QAM	1	1	19.03	19.02	18.99	20.0	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	22.99	23.07	23.04	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	23.01	23.07	23.03	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	22.99	23.15	23.04	24.5	0.0

n7_Ant 4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				23.10	23.15	23.10		
20	PI2 BPSK	1	1	23.03	21.07	20.97	22.5	0.0
20	PI2 BPSK	1	53	20.96	21.03	20.92		
20	PI2 BPSK	1	104	20.94	21.05	20.95		
20	PI2 BPSK	50	0	20.99	20.98	20.95	22.5	0.0
20	PI2 BPSK	50	28	20.91	20.97	20.87	22.5	0.0
20	PI2 BPSK	50	56	20.94	20.99	20.91	22.5	0.0
20	PI2 BPSK	100	0	20.98	20.95	20.92	22.5	0.0
20	QPSK	1	1	21.04	21.06	21.00		
20	QPSK	1	53	20.99	21.02	20.98		
20	QPSK	1	104	20.91	21.02	20.99	22.5	0.0
20	QPSK	50	0	20.91	21.04	20.87	22.5	0.0
20	QPSK	50	28	21.00	21.08	20.99	22.5	0.0
20	QPSK	50	56	20.98	21.04	20.96	22.5	0.0
20	QPSK	100	0	20.98	21.02	20.90	22.5	0.0
20	16QAM	1	1	21.01	21.02	20.88		
20	64QAM	1	1	20.24	20.25	20.25		
20	256QAM	1	1	18.83	18.88	18.77	20.0	2.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	21.03	21.06	20.86	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	21.00	21.01	20.95	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	20.90	21.00	20.97	22.5	0.0

n12_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Frac]	Power Middle Ch. [Frac]	Power High Ch. [Frac]	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	PI2 BPSK	1	1	23.11	23.27	23.10	24.5	0.0	
15	PI2 BPSK	1	40	23.05	23.17	23.07			
15	PI2 BPSK	1	77	23.26	23.20	23.12			
15	PI2 BPSK	36	0	22.62	22.70	22.60	24.0	0.5	
15	PI2 BPSK	36	22	23.05	23.16	23.29	24.5	0.0	
15	PI2 BPSK	36	43	22.59	22.74	22.49	24.0	0.5	
15	PI2 BPSK	75	0	22.58	22.73	22.59			
15	QPSK	1	1	23.26	23.30	23.21			
15	QPSK	1	40	23.20	23.13	23.08	24.5	0.0	
15	QPSK	1	77	23.15	23.16	23.16	23.5	1.0	
15	QPSK	36	0	22.07	22.05	22.00			
15	QPSK	36	22	23.25	23.29	23.18			
15	QPSK	36	43	22.06	22.08	22.05	23.5	1.0	
15	QPSK	75	0	22.00	22.19	22.05	23.5	1.0	
15	16QAM	1	1	21.87	21.95	21.90			
15	64QAM	1	1	20.48	20.59	20.35			
	256QAM	1	1	19.10	19.04	19.07	20.0	4.5	
Channel				140800	141000	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711	(dBm)	(dB)	
10	QPSK	1	1	23.25	23.29	23.07	24.5	0.0	
Channel				140300	141000	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)	
5	QPSK	1	1	23.13	23.27	23.16	24.5	0.0	

n12_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	PI2 BPSK	1	1	23.19	23.30	23.22	24.5	0.0	
15	PI2 BPSK	1	40	23.11	23.25	23.19			
15	PI2 BPSK	1	77	23.30	23.31	23.17			
15	PI2 BPSK	36	0	22.77	22.83	22.74	24.0	0.5	
15	PI2 BPSK	36	22	23.17	23.32	23.31	24.5	0.0	
15	PI2 BPSK	36	43	22.65	22.77	22.64	24.0	0.5	
15	PI2 BPSK	75	0	22.66	22.80	22.67			
15	QPSK	1	1	23.30	23.36	23.24			
15	QPSK	1	40	23.26	23.28	23.19	24.5	0.0	
15	QPSK	1	77	23.18	23.30	23.20	23.5	1.0	
15	QPSK	36	0	22.09	22.12	22.00			
15	QPSK	36	22	23.26	23.30	23.24			
15	QPSK	36	43	22.14	22.18	22.12	23.5	1.0	
15	QPSK	75	0	22.10	22.20	22.12	23.5	1.0	
15	16QAM	1	1	21.97	22.10	22.02			
15	64QAM	1	1	20.59	20.60	20.48			
	256QAM	1	1	19.12	19.18	19.16	20.0	4.5	
Channel				140800	141000	142200	Tune-up limit	MPR	
Frequency (MHz)				704	707.5	711	(dBm)	(dB)	
10	QPSK	1	1	23.25	23.29	23.16	24.5	0.0	
Channel				140300	141000	142700	Tune-up limit	MPR	
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)	
5	QPSK	1	1	23.17	23.29	23.23	24.5	0.0	

n66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1720	1745	1770		
30	PI2 BPSK	1	1	23.15	23.26	23.16	24.5	0.0
30	PI2 BPSK	1	80	23.17	23.20	23.19		
30	PI2 BPSK	1	158	23.11	23.22	23.10		
30	PI2 BPSK	80	0	22.89	22.75	22.67	24.0	0.5
30	PI2 BPSK	80	40	23.20	23.25	23.23	24.5	0.0
30	PI2 BPSK	80	80	22.85	22.73	22.65		
30	PI2 BPSK	160	0	22.80	22.66	22.54	24.0	0.5
30	QPSK	1	1	23.20	23.30	23.24		
30	QPSK	1	80	23.19	23.25	23.12	24.5	0.0
30	QPSK	1	158	23.17	23.21	23.17		
30	QPSK	80	0	22.16	22.22	22.21	23.5	1.0
30	QPSK	80	40	23.09	23.23	23.22	24.5	0.0
30	QPSK	80	80	22.19	22.24	22.20		
30	QPSK	160	0	22.06	22.20	22.15	23.5	1.0
30	16QAM	1	1	21.80	21.80	21.86	23.5	1.0
30	64QAM	1	1	20.37	20.48	20.47	22.0	2.5
30	256QAM	1	1	18.02	18.05	18.96	20.0	4.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.08	23.19	23.10	24.5	0.0
Channel				343000	349000	345000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.11	23.22	23.16	24.5	0.0
Channel				343000	349000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.07	23.28	23.23	24.5	0.0
Channel				342000	349000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.08	23.18	23.18	24.5	0.0

n66_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1720	1745	1770		
30	PI2 BPSK	1	1	23.01	23.22	23.10	24.5	0.0
30	PI2 BPSK	1	80	23.04	23.16	23.16		
30	PI2 BPSK	1	158	23.02	23.19	23.04		
30	PI2 BPSK	80	0	22.66	22.61	22.59	24.0	0.5
30	PI2 BPSK	80	40	23.18	23.22	23.11	24.5	0.0
30	PI2 BPSK	80	80	22.58	22.61	22.57		
30	PI2 BPSK	160	0	22.49	22.56	22.52	24.0	0.5
30	QPSK	1	1	23.17	23.27	23.12		
30	QPSK	1	80	23.15	23.21	23.08	24.5	0.0
30	QPSK	1	158	23.08	23.18	23.06		
30	QPSK	80	0	22.15	22.17	22.20	23.5	1.0
30	QPSK	80	40	23.05	23.21	23.13	24.5	0.0
30	QPSK	80	80	22.09	22.12	22.18		
30	QPSK	160	0	21.98	22.15	22.11	23.5	1.0
30	16QAM	1	1	21.76	21.85	21.82	23.5	1.0
30	64QAM	1	1	20.27	20.34	20.43	22.0	2.5
30	256QAM	1	1	18.92	18.95	18.94	20.0	4.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.10	23.14	23.10	24.5	0.0
Channel				343000	349000	345000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.02	23.24	23.04	24.5	0.0
Channel				343000	349000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.15	23.22	23.05	24.5	0.0
Channel				342000	349000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.10	23.14	22.97	24.5	0.0

n66_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1720	1745	1770		
30	PI2 BPSK	1	1	20.50	20.49	20.74	22.5	0.0
30	PI2 BPSK	1	80	20.76	20.88	20.74		
30	PI2 BPSK	1	158	20.84	20.93	20.73		
30	PI2 BPSK	80	0	20.88	20.82	20.79	22.5	0.0
30	PI2 BPSK	80	40	20.87	20.82	20.75	22.5	0.0
30	PI2 BPSK	80	80	20.81	20.84	20.85		
30	PI2 BPSK	160	0	20.78	20.89	20.85	22.5	0.0
30	QPSK	1	1	20.91	20.95	20.68		
30	QPSK	1	80	20.86	20.81	20.85	22.5	0.0
30	QPSK	1	158	20.81	20.94	20.83		
30	QPSK	80	0	20.88	20.89	20.76	22.5	0.0
30	QPSK	80	40	20.89	20.93	20.83	22.5	0.0
30	QPSK	80	80	20.87	20.86	20.78		
30	QPSK	160	0	20.86	20.90	20.73	22.5	0.0
30	16QAM	1	1	20.76	20.85	20.82	22.5	0.0
30	64QAM	1	1	20.17	20.31	20.26	22.0	0.5
30	256QAM	1	1	18.81	18.83	18.79	20.0	2.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.79	20.85	20.79	22.5	0.0
Channel				343000	349000	345000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.89	20.90	20.80	22.5	0.0
Channel				343000	349000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.87	20.92	20.81	22.5	0.0
Channel				342000	349000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.84	20.90	20.86	22.5	0.0

n71_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				134100	136100	138100			
Frequency (MHz)				660.5	660.5	660.5			
15	PI2 BPSK	1	1	23.17	23.16	23.22	24.5	0.0	
15	PI2 BPSK	1	40	23.12	23.18	23.04			
15	PI2 BPSK	1	77	23.16	23.17	23.10			
15	PI2 BPSK	36	0	22.67	22.71	22.69	24.0	0.5	
15	PI2 BPSK	36	22	23.15	23.22	23.07	24.5	0.0	
15	PI2 BPSK	36	43	22.66	22.67	22.62	24.0	0.5	
15	PI2 BPSK	75	0	22.72	22.73	22.77			
15	QPSK	1	1	23.20	23.26	23.27			
15	QPSK	1	40	23.17	23.25	23.18	24.5	0.0	
15	QPSK	1	77	23.07	23.13	23.10	23.5	1.0	
15	QPSK	36	0	21.99	22.06	21.91			
15	QPSK	36	22	23.15	23.25	23.18			
15	QPSK	36	43	22.09	22.10	22.05	23.5	1.0	
15	QPSK	75	0	22.00	22.08	22.06	23.5	1.0	
15	16QAM	1	1	21.96	22.01	22.06	23.5	1.0	
15	64QAM	1	1	20.91	20.95	20.97	22.0	2.5	
15	256QAM	1	1	19.11	19.14	19.13	20.0	4.5	
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	660.5	663			
10	QPSK	1	1	23.18	23.19	23.25	24.5	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	660.5	665.5			
5	QPSK	1	1	23.17	23.19	23.23	24.5	0.0	

n71_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134100	136100	138100			
Frequency (MHz)				670.5	680.5	690.5			
15	PI/2 BPSK	1	1	23.26	23.30	23.26	24.5	0.0	
15	PI/2 BPSK	1	40	23.18	23.21	23.13			
15	PI/2 BPSK	1	77	23.20	23.26	23.13			
15	PI/2 BPSK	36	0	22.77	22.83	22.69	24.0	0.5	
15	PI/2 BPSK	36	22	23.23	23.25	23.12	24.5	0.0	
15	PI/2 BPSK	36	43	22.74	22.75	22.67	24.0	0.5	
15	PI/2 BPSK	75	0	22.73	22.85	22.62			
15	QPSK	1	1	23.34	23.36	23.29			
15	QPSK	1	40	23.26	23.32	23.22	24.5	0.0	
15	QPSK	1	77	23.16	23.26	23.16	23.5	1.0	
15	QPSK	36	0	22.97	23.16	22.92			
15	QPSK	36	22	23.27	23.28	23.23			
15	QPSK	36	43	22.13	22.21	22.17	23.5	1.0	
15	QPSK	75	0	22.13	22.19	22.16	23.5	1.0	
15	16QAM	1	1	22.06	22.15	22.18	23.5	1.0	
15	64QAM	1	1	20.60	20.63	20.48	22.0	2.5	
15	256QAM	1	1	19.25	19.28	19.15	20.0	4.5	
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	660.5	663			
10	QPSK	1	1	23.31	23.29	23.27	24.5	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	660.5	665.5			
5	QPSK	1	1	23.30	23.29	23.19	24.5	0.0	

Part27Q_n77_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. 1 (Fem)	Power Max. Ch. 1 (Fem)	Power Avg. Ch. 1 (Fem)	Turn-on time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
100	PSS-BPSK	1	1	18.34					
100	PSS-BPSK	1	137	18.38			10.0	0.0	
100	PSS-BPSK	1	271	18.38					
100	PSS-BPSK	36	5	18.33	18.33	18.33	10.0	0.0	
100	PSS-BPSK	136	49	18.33	18.33	18.33	10.0	0.0	
100	PSS-BPSK	136	138	18.33	18.33	18.33	10.0	0.0	
100	PSS-BPSK	200	5	18.33	18.33	18.33	10.0	0.0	
100	QPSK	1	1	18.43					
100	QPSK	1	137	18.44			10.0	0.0	
100	QPSK	1	271	18.48					
100	QPSK	36	5	18.30	18.30	18.30	10.0	0.0	
100	QPSK	136	49	18.33	18.33	18.33	10.0	0.0	
100	QPSK	136	138	18.34	18.34	18.34	10.0	0.0	
100	QPSK	200	5	18.32	18.32	18.32	10.0	0.0	
100	QPSK	1	1	18.35	18.35	18.35	10.0	0.0	
100	QPSK	1	137	18.37	18.37	18.37	10.0	0.0	
100	QPSK	1	271	18.39	18.39	18.39	10.0	0.0	
100	QPSK	136	5	18.27	18.27	18.27	10.0	0.0	
100	QPSK	136	49	18.30	18.30	18.30	10.0	0.0	
100	QPSK	136	138	18.33	18.33	18.33	10.0	0.0	
100	QPSK	200	5	18.27	18.27	18.27	10.0	0.0	
100	QPSK	1	1	18.28	18.28	18.28	10.0	0.0	
100	QPSK	1	137	18.29	18.29	18.29	10.0	0.0	
100	QPSK	1	271	18.31	18.31	18.31	10.0	0.0	
100	QPSK	136	5	18.22	18.22	18.22	10.0	0.0	
100	QPSK	136	49	18.25	18.25	18.25	10.0	0.0	
100	QPSK	136	138	18.28	18.28	18.28	10.0	0.0	
100	QPSK	200	5	18.22	18.22	18.22	10.0	0.0	
100	QPSK	1	1	18.23	18.23	18.23	10.0	0.0	
100	QPSK	1	137	18.24	18.24	18.24	10.0	0.0	
100	QPSK	1	271	18.26	18.26	18.26	10.0	0.0	
100	QPSK	136	5	18.17	18.17	18.17	10.0	0.0	
100	QPSK	136	49	18.20	18.20	18.20	10.0	0.0	
100	QPSK	136	138	18.23	18.23	18.23	10.0	0.0	
100	QPSK	200	5	18.22	18.22	18.22	10.0	0.0	
100	QPSK	1	1	18.23	18.23	18.23	10.0	0.0	
100	QPSK	1	137	18.24	18.24	18.24	10.0	0.0	
100	QPSK	1	271	18.26	18.26	18.26	10.0	0.0	
100	QPSK	136	5	18.17	18.17	18.17	10.0	0.0	
100	QPSK	136	49	18.20	18.20	18.20	10.0	0.0	
100	QPSK	136	138	18.23	18.23	18.23	10.0	0.0	
100	QPSK	200	5	18.22	18.22	18.22	10.0	0.0	
100	QPSK	1	1	18.23	18.23	18.23	10.0	0.0	
100	QPSK	1	137	18.24	18.24	18.24	10.0	0.0	
100	QPSK	1	271	18.26	18.26	18.26	10.0	0.0	
100	QPSK	136	5	18.17	18.17	18.17	10.0	0.0	
100	QPSK	136	49	18.20	18.20	18.20	10.0	0.0	
100	QPSK	136	138	18.23	18.23	18.23	10.0	0.0	
100	QPSK	200	5	18.22	18.22	18.22	10.0	0.0	
100	QPSK	1	1	18.23	18.23	18.23	10.0	0.0	
100	QPSK	1	137	18.24	18.24	18.24	10.0	0.0	
100	QPSK	1	271	18.26	18.26	18.26	10.0	0.0	
100	QPSK	136	5	18.17	18.17	18.17	10.0	0.0	
100	QPSK	136	49	18.20	18.20	18.20	10.0	0.0	
100	QPSK	136	138	18.23	18.23	18.23	10.0	0.0	
100	QPSK	200	5	18.22	18.22	18.22	10.0	0.0	
100	QPSK	1	1	18.23	18.23	18.23	10.0	0.0	
100	QPSK	1	137	18.24	18.24	18.24	10.0	0.0	
100	QPSK	1	271	18.26	18.26	18.26	10.0	0.0	
100	QPSK	136	5	18.17	18.17	18.17	10.0	0.0	
100	QPSK	136	49	18.20	18.20	18.20	10.0	0.0	
100	QPSK	136	138	18.23	18.23	18.23	10.0	0.0	
100	QPSK	200	5	18.22	18.22	18.22	10.0	0.0	
100	QPSK	1	1	18.23	18.23	18.23	10.0	0.0	
100	QPSK	1	137	18.24	18.24	18.24	10.0	0.0	
100	QPSK	1	271	18.26	18.26	18.26	10.0	0.0	
100	QPSK	136	5	18.17	18.17	18.17	10.0	0.0	
100	QPSK	136	49	18.20	18.20	18.20	10.0	0.0	
100	QPSK	136	138	18.23	18.23	18.23	10.0	0.0	
100	QPSK	200	5	18.22	18.22	18.22	10.0	0.0	
100	QPSK	1	1	18.23	18.23	18.23	10.0	0.0	
100	QPSK	1	137	18.24	18.24	18.24	10.0	0.0	
100	QPSK	1	271	18.26	18.26	18.26	10.0	0.0	
100	QPSK	136	5	18.17	18.17	18.17	10.0	0.0	
100	QPSK	136	49	18.20	18.20	18.20	10.0	0.0	
100	QPSK	136	138	18.23	18.23	18.23	10.0	0.0	
100	QPSK	200	5	18.22	18.22	18.22	10.0	0.0	
100	QPSK	1	1	18.23	18.23	18.23	10.0	0.0	
100	QPSK	1	137	18.24	18.24	18.24	10.0	0.0	
100	QPSK	1	271	18.26	18.26	18.26	10.0	0.0	
100	QPSK	136	5	18.17	18.17	18.17	10.0	0.0	
100	QPSK	136	49	18.20	18.20	18.20	10.0	0.0	
100	QPSK	136	138	18.23	18.23	18.23	10.0	0.0	
100	QPSK	200	5	18.22	18.22	18.22	10.0	0.0	
100	QPSK	1	1	18.23	18.23	18.23	10.0	0.0	
100	QPSK	1	137	18.24	18.24	18.24	10.0	0.0	
100	QPSK	1	271	18.26	18.26	18.26	10.0	0.0	
100	QPSK	136	5	18.17	18.17	18.17	10.0	0.0	
100	QPSK	136	49	18.20	18.20	18.20	10.0	0.0	
100	QPSK	136	138	18.23	18.23	18.23	10.0	0.0	
100	QPSK	200	5	18.22	18.22	18.22	10.0	0.0	
100	QPSK	1	1	18.23	18.23	18.23	10.0	0.0	
100	QPSK	1	137	18.24	18.24	18.24	10.0	0.0	
100	QPSK	1	271	18.26	18.26	18.26	10.0	0.0	
100	QPSK	136	5	18.17	18.17	18.17	10.0	0.0	
100	QPSK	136	49	18.20	18.20	18.20	10.0	0.0	
100	QPSK	136	138	18.23	18.23	18.23	10.0	0.0	
100	QPSK	200	5	18.22	18.22	18.22	10.0	0.0	
100	QPSK	1	1	18.23	18.23	18.23	10.0	0.0	
100	QPSK	1	137	18.24	18.24	18.24	10.0	0.0	
100	QPSK	1	271	18.26	18.26	18.26	10.0	0.0	
100	QPSK	136	5	18.17	18.17	18.17	10.0	0.0	
100	QPSK	136	49	18.20	18.20	18.20	10.0	0.0	
100	QPSK	136	138	18.23	18.23	18.23	10.0	0.0	
100	QPSK	200	5	18.22	18.22	18.22	10.0	0.0	
100	QPSK	1	1	18.23	18.23	18.23	10.0	0.0	
100	QPSK	1	137	18.24	18.24	18.24	10.0	0.0	
100	QPSK	1	271	18.26	18.26	18.26	10.0	0.0	
100	QPSK	136	5	18.17	18.17	18.17	10.0	0.0	
100	QPSK	136	49	18.20	18.20	18.20	10.0	0.0	
100	QPSK	136	138	18.23	18.23	18.23	10.0	0.0	
100	QPSK	200	5	18.22	18.22	18.22	10.0	0.0	
100	QPSK	1	1	18.23	18.23	18.23	10.0	0.0	
100	QPSK	1	137	18.24	18.24	18.24	10.0	0.0	
100	QPSK	1	271	18.26	18.26	18.26	10.0	0.0	
100	QPSK	136	5	18.17	18.17	18.17	10.0	0.0	
100	QPSK	136	49	18.20	18.20	18.20	10.0	0.0	
100	QPSK	136	138	18.23	18.23	18.23	10.0	0.0	
100	QPSK	200	5	18.22	18.22	18.22	10.0	0.0	
100	QPSK	1	1	18.23	18.23	18.23	10.0	0.0	
100	QPSK	1	137	18.24	18.24	18.24	10.0	0.0	
100	QPSK	1	271	18.26	18.26	18.26	10.0	0.0	
100	QPSK	136	5	18.17	18.17	18.17	10.0	0.0	
100	QPSK	136	49	18.20	18.20	18.20	10.0	0.0	
100	QPSK	136	138	18.23	18.23	18.23	10.0	0.0	
100	QPSK	200	5	18.22	18.22	18.22	10.0	0.0	
100	QPSK	1	1	18.23	18.23	18.23	10.0	0.0	
100	QPSK	1	137	18.24	18.24	18.24	10.0	0.0	
100	QPSK	1	271	18.26	18.26	18.26	10.0	0.0	
100	QPSK	136	5	18.17	18.17	18.17	10.0	0.0	
100	QPSK	136	49	18.20	18.20	18.20	10.0	0.0	
100	QPSK	136	138	18.23	18.23	18.23	10.0	0.0	
100	QPSK	200	5	18.22	18.22	18.22	10.0	0.0	
100	QPSK	1	1	18.23	18.23	18.23	10.0	0.0	
100	QPSK	1	137	18.24	18.24	18.24	10.0	0.0	
100	QPSK	1	271	18.26	18.26	18.26	10.0	0.0	
100	QPSK	136	5	18.17	18.17	18.17	10.0	0.0	
100	QPSK	136	49	18.20	18.20	18.20	10.0	0.0	
100	QPSK	136	138	18.23	18.23	18.23	10.0	0.0	
100	QPSK	200	5	18.22	18.22	18.22	10.0	0.0	
100	QPSK	1	1	18.23	18.23	18.23	10.0	0.0	
100	QPSK	1	137	18.24	18.24	18.24	10.0	0.0	
100	QPSK	1	271	18.26	18.26	18.26	10.0	0.0	
100	QPSK	136	5	18.17	18.17	18.17	10.0	0.0	
100	QPSK	136	49	18.20	1				

Reduced Power Mode for EC1 16

n2_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Limit Ch. 1 Freq.	Power Limit Ch. 2 Freq.	Power Limit Ch. 3 Freq.	Turn-up time (min)	MPT (dB)	
Channel									
Frequency (MHz)									
20	PSSB	1	1	25.15	19.97	25.09		21.5	0.0
20	PSSB	1	1	25.03	20.17	19.98			
20	PSSB	1	104	19.91	20.06	20.02			
20	PSSB	100	5	19.94	20.02	19.95		21.5	0.0
20	PSSB	100	36	20.02	20.12	19.99		21.5	0.0
20	PSSB	100	56	19.97	20.08	20.02		21.5	0.0
20	PSSB	100	3	19.94	20.04	19.98			
20	QPSK	1	1	25.15	20.15	20.15		21.5	0.0
20	QPSK	1	53	20.04	20.12	19.97		21.5	0.0
20	QPSK	1	104	19.99	19.96	19.91			
20	QPSK	100	5	20.00	19.92	19.91		21.5	0.0
20	QPSK	100	36	20.10	20.10	20.10		21.5	0.0
20	QPSK	100	56	19.97	19.94	19.91		21.5	0.0
20	QPSK	100	12	19.95	20.04	19.95			
20	HQDM	1	1	25.09	20.11	19.94		21.5	0.0
20	HQDM	1	1	25.07	20.07	20.06		21.5	0.0
20	HQDM	1	1	19.92	19.98	19.97	20.0	1.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	19.98	20.15	20.02		21.5	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.07	20.18	19.99		21.5	0.0
Channel									
Frequency (MHz)									
1	QPSK	1	1	19.95	20.13	20.09		21.5	0.0

n2_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Limit Ch. 1 Freq.	Power Limit Ch. 2 Freq.	Power Limit Ch. 3 Freq.	Turn-up time (min)	MPT	
Channel									
Frequency (MHz)									
20	PSSB	1	1	22.69	22.70	22.69		24.5	0.0
20	PSSB	1	1	22.68	22.68	22.67			
20	PSSB	1	104	22.71	22.75	22.67			
20	PSSB	100	5	22.71	22.71	22.65		24.5	0.0
20	PSSB	100	36	22.68	22.66	22.65		24.5	0.0
20	PSSB	100	56	22.65	22.65	22.67		24.5	0.0
20	PSSB	100	3	22.74	22.74	22.73			
20	QPSK	1	1	22.67	22.65	22.65		24.5	0.0
20	QPSK	1	53	22.67	22.72	22.68		24.5	0.0
20	QPSK	1	104	22.74	22.82	22.71		22.5	1.0
20	QPSK	100	5	22.76	22.82	22.76		22.5	1.0
20	QPSK	100	36	22.69	22.82	22.71		24.5	0.0
20	QPSK	100	56	22.71	22.88	22.78		22.5	1.0
20	QPSK	100	12	22.65	22.76	22.65			
20	HQDM	1	1	22.65	22.76	22.65		24.5	1.0
20	HQDM	1	1	22.67	22.76	22.66		24.5	0.0
20	HQDM	1	1	19.95	19.97	19.95		20.0	1.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.66	22.88	22.64		24.5	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.74	22.78	22.69		24.5	0.0
Channel									
Frequency (MHz)									
1	QPSK	1	1	22.67	22.82	22.75		24.5	0.0

n2_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Limit Ch. 1 Freq.	Power Limit Ch. 2 Freq.	Power Limit Ch. 3 Freq.	Turn-up time (min)	MPT (dB)	
Channel									
Frequency (MHz)									
20	PSSB	1	1	20.02	20.11	19.98		21.5	0.0
20	PSSB	1	1	19.99	20.02	19.95			
20	PSSB	1	104	20.03	19.94	20.02			
20	PSSB	100	5	20.04	19.99	20.03		21.5	0.0
20	PSSB	100	36	20.02	20.12	19.98		21.5	0.0
20	PSSB	100	56	19.99	20.08	20.02		21.5	0.0
20	PSSB	100	3	19.96	20.06	19.98			
20	QPSK	1	1	25.15	20.02	20.02		21.5	0.0
20	QPSK	1	53	20.02	20.07	20.07		21.5	0.0
20	QPSK	1	104	19.94	20.01	19.92			
20	QPSK	100	5	20.01	20.04	20.01		21.5	0.0
20	QPSK	100	36	20.10	20.10	20.10		21.5	0.0
20	QPSK	100	56	19.97	19.94	19.91		21.5	0.0
20	QPSK	100	12	19.95	20.11	20.05			
20	HQDM	1	1	25.00	20.07	20.06		21.5	0.0
20	HQDM	1	1	25.02	20.12	20.06		21.5	0.0
20	HQDM	1	1	19.95	19.76	19.83		20.0	1.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	19.98	20.07	20.04		21.5	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	19.98	19.98	20.00		21.5	0.0
Channel									
Frequency (MHz)									
1	QPSK	1	1	20.01	19.98	20.00		21.5	0.0

n5_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Level Ch. 1 / Freq.	Power Level Ch. 2 / Freq.	Power Level Ch. 3 / Freq.	Time-avg. Int. dBm	MPTT dB	
Channel				10000	107000	107000			
Frequency (MHz)				5.8	58.5	58.5			
20	PSS-SSB	1	1	25.44	23.52	23.47			
20	PSS-SSB	1	11	23.48	23.55	23.57	20.0	0.0	
20	PSS-SSB	1	104	23.43	23.55	23.57			
20	PSS-SSB	100	5	23.51	23.52	23.54	24.5	0.5	
20	PSS-SSB	100	38	23.39	23.52	23.55	20.0	0.0	
20	PSS-SSB	100	36	23.59	23.58	23.57	24.5	0.5	
20	PSS-SSB	100	5	23.51	23.52	23.54			
20	QPSK	1	1	23.52	23.52	23.52			
20	QPSK	1	11	23.39	23.52	23.55	20.0	0.0	
20	QPSK	1	104	23.45	23.59	23.55	24.0	1.0	
20	QPSK	100	5	23.59	23.71	23.59	24.0	1.0	
20	QPSK	100	38	23.39	23.52	23.55	20.0	0.0	
20	QPSK	100	36	23.56	23.42	23.49	24.0	1.0	
20	QPSK	100	5	23.56	23.57	23.57			
20	HQDM	1	1	23.39	23.52	23.45	24.0	1.0	
20	HQDM	1	1	23.59	23.59	23.59	24.0	1.0	
20	HQDM	1	1	19.52	19.52	19.52	20.0	0.0	
Channel				10000	107000	107000	Time-avg. Int. dBm	MPTT dB	
Frequency (MHz)				5.8	58.5	58.5			
10	QPSK	1	1	23.39	23.55	23.49	20.0	0.0	
Channel				10000	107000	107000	Time-avg. Int. dBm	MPTT dB	
Frequency (MHz)				5.8	58.5	58.5			
10	QPSK	1	1	23.39	23.55	23.57	20.0	0.0	
Channel				10000	107000	107000	Time-avg. Int. dBm	MPTT dB	
Frequency (MHz)				58.5	58.5	58.5			
5	QPSK	1	1	23.59	23.60	23.61	20.0	0.0	

n5_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Level Ch. 1 / Freq.	Power Level Ch. 2 / Freq.	Power Level Ch. 3 / Freq.	Time-avg. Int. dBm	MPTT dB	
Channel				10000	107000	107000			
Frequency (MHz)				5.8	58.5	58.5			
20	PSS-SSB	1	1	23.42	23.48	23.59			
20	PSS-SSB	1	11	23.42	23.53	23.57	20.0	0.0	
20	PSS-SSB	1	104	23.39	23.55	23.57			
20	PSS-SSB	100	5	23.51	23.52	23.54	24.5	0.5	
20	PSS-SSB	100	38	23.37	23.45	23.52	20.0	0.0	
20	PSS-SSB	100	36	23.51	23.59	23.57	24.5	0.5	
20	PSS-SSB	100	5	23.51	23.52	23.51			
20	QPSK	1	1	23.52	23.52	23.52			
20	QPSK	1	11	23.39	23.52	23.55	20.0	0.0	
20	QPSK	1	104	23.44	23.53	23.55	24.0	1.0	
20	QPSK	100	5	23.49	23.57	23.57	24.0	1.0	
20	QPSK	100	38	23.39	23.52	23.55	20.0	0.0	
20	QPSK	100	36	23.54	23.49	23.49	24.0	1.0	
20	QPSK	100	5	23.55	23.45	23.55			
20	HQDM	1	1	23.31	23.38	23.31	24.0	1.0	
20	HQDM	1	1	23.59	23.59	23.59	24.0	1.0	
20	HQDM	1	1	19.52	19.42	19.52	20.0	0.0	
Channel				10000	107000	107000	Time-avg. Int. dBm	MPTT dB	
Frequency (MHz)				5.8	58.5	58.5			
10	QPSK	1	1	23.49	23.55	23.53	20.0	0.0	
Channel				10000	107000	107000	Time-avg. Int. dBm	MPTT dB	
Frequency (MHz)				5.8	58.5	58.5			
10	QPSK	1	1	23.39	23.42	23.41	20.0	0.0	
Channel				10000	107000	107000	Time-avg. Int. dBm	MPTT dB	
Frequency (MHz)				58.5	58.5	58.5			
5	QPSK	1	1	23.41	23.49	23.51	20.0	0.0	

n7_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Limit Ch. 1 (W)	Power Min. Ch. 1 (W)	Power Max. Ch. 1 (W)	Turn up time (min)	MPE (dB)	
Channel									
Frequency (MHz)									
20	PSSB	1	1	16.92	16.96	16.99	20.0	0.0	
20	PSSB	1	11	16.98	16.99	16.99			
20	PSSB	1	104	16.99	16.99	16.99			
20	PSSB	50	5	16.99	16.99	16.99	20.0	0.0	
20	PSSB	50	36	16.99	16.99	16.99	20.0	0.0	
20	PSSB	50	56	16.97	16.98	16.99	20.0	0.0	
20	PSSB	100	3	16.96	16.98	16.99	20.0	0.0	
20	QPSK	1	1	16.92	16.92	16.92			
20	QPSK	1	53	16.94	16.92	16.92	20.0	0.0	
20	QPSK	1	104	16.96	16.97	16.99	20.0	0.0	
20	QPSK	50	5	16.98	16.99	16.99	20.0	0.0	
20	QPSK	50	36	16.99	16.99	16.99	20.0	0.0	
20	QPSK	50	56	16.91	16.92	16.91	20.0	0.0	
20	QPSK	100	3	16.93	16.94	16.95	20.0	0.0	
20	HQPSK	1	1	16.92	16.96	16.99	20.0	0.0	
20	HQPSK	1	1	16.97	16.97	16.97	20.0	0.0	
20	HQPSK	1	1	16.93	16.96	16.99	20.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	16.99	16.95	16.99	20.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.91	16.94	16.91	20.0	0.0	
Channel									
Frequency (MHz)									
1	QPSK	1	1	16.92	16.94	16.97	20.0	0.0	

n7_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Limit Ch. 1 (W)	Power Min. Ch. 1 (W)	Power Max. Ch. 1 (W)	Turnup time (min)	MPE	
Channel									
Frequency (MHz)									
20	PSSB	1	1	23.05	23.17	23.19	20.0	0.0	
20	PSSB	1	11	23.11	23.08	23.08		24.1	0.0
20	PSSB	1	104	23.04	23.17	23.05	20.0	0.0	
20	PSSB	50	5	23.05	23.01	23.05	20.0	24.2	0.0
20	PSSB	50	36	23.09	23.05	23.07	20.0	24.1	0.0
20	PSSB	50	56	23.05	23.03	23.05	20.0	24.1	0.0
20	PSSB	100	3	23.00	23.06	23.06	20.0	24.1	0.0
20	QPSK	1	1	23.11	23.05	23.10		24.2	0.0
20	QPSK	1	53	23.06	23.12	23.05	20.0	0.0	
20	QPSK	1	104	23.05	23.19	23.11	20.0	0.0	
20	QPSK	50	5	23.09	23.07	23.11	20.0	0.0	
20	QPSK	50	36	23.09	23.05	23.09	20.0	0.0	
20	QPSK	50	56	23.06	23.04	23.06	20.0	0.0	
20	QPSK	100	3	23.07	23.15	23.11	20.0	0.0	
20	HQPSK	1	1	23.06	23.09	23.09	20.0	0.0	
20	HQPSK	1	1	23.07	23.07	23.07	20.0	0.0	
20	HQPSK	1	1	23.03	23.09	23.07	20.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.09	23.07	23.09	20.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.01	23.07	23.03	20.0	0.0	
Channel									
Frequency (MHz)									
1	QPSK	1	1	23.05	23.15	23.04	20.0	0.0	

n7_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Limit Ch. 1 (W)	Power Min. Ch. 1 (W)	Power Max. Ch. 1 (W)	Turn up time (min)		
Channel									
Frequency (MHz)									
20	PSSB	1	1	16.93	16.93	16.93	20.0	0.0	
20	PSSB	1	11	16.97	16.93	16.96			
20	PSSB	1	104	16.92	16.91	16.92	20.0	0.0	
20	PSSB	50	5	16.95	16.95	16.95	20.0	0.0	
20	PSSB	50	36	16.99	16.95	16.95	20.0	0.0	
20	PSSB	50	56	16.97	16.94	16.95	20.0	0.0	
20	PSSB	100	3	16.96	16.98	16.94	20.0	0.0	
20	QPSK	1	1	16.93	16.93	16.93			
20	QPSK	1	53	16.94	16.92	16.92	20.0	0.0	
20	QPSK	1	104	16.95	16.92	16.95	20.0	0.0	
20	QPSK	50	5	16.99	16.95	16.95	20.0	0.0	
20	QPSK	50	36	16.99	16.93	16.99	20.0	0.0	
20	QPSK	50	56	16.92	16.92	16.96	20.0	0.0	
20	QPSK	100	3	16.95	16.96	16.95	20.0	0.0	
20	HQPSK	1	1	16.97	16.97	16.91	20.0	0.0	
20	HQPSK	1	1	16.97	16.96	16.96	20.0	0.0	
20	HQPSK	1	1	16.93	16.96	16.97	20.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	16.99	16.94	16.94	20.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.99	16.11	16.99	20.0	0.0	
Channel									
Frequency (MHz)									
1	QPSK	1	1	16.95	16.12	16.92	20.0	0.0	

n12_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Level Ch. 1 Freq.	Power Level Ch. 2 Freq.	Power Level Ch. 3 Freq.	Turn-up time [min]	MPTI [dB]	
Channel				141350	141000	141700			
Frequency (MHz)				768.5	767.5	768.5			
10	PSS-BPSK	1	1	23.11	23.27	23.10			
10	PSS-BPSK	1	40	23.10	23.17	23.07	24.5	0.0	
10	PSS-BPSK	1	77	23.09	23.06	23.12			
10	PSS-BPSK	96	5	23.02	22.70	23.00	24.0	0.5	
10	PSS-BPSK	96	32	23.07	23.10	23.00	24.5	0.5	
10	PSS-BPSK	96	43	23.09	22.74	23.00	24.0	0.5	
10	PSS-BPSK	75	5	23.08	22.73	23.00			
10	QPSK	1	1	23.10	23.00	23.10			
10	QPSK	1	40	23.09	23.12	23.08	24.5	0.0	
10	QPSK	1	77	23.10	23.10	23.10			
10	QPSK	96	5	23.07	23.00	23.07	23.5	1.0	
10	QPSK	200	23	23.10	23.00	23.10	24.5	0.0	
10	QPSK	96	42	23.06	23.08	23.07	23.5	1.0	
10	QPSK	75	5	23.00	23.10	23.00			
10	HQDM	1	1	21.87	21.90	21.86	23.5	1.0	
10	HQDM	1	1	20.48	20.50	20.48	24.0	0.5	
10	HQDM	1	1	19.15	19.04	19.07	23.0	0.5	
Channel				140850	141000	142000	Turn-up time [min]	MPTI [dB]	
Frequency (MHz)				768	768.5	771			
10	QPSK	1	1	23.09	23.08	23.07	24.5	0.0	
Channel				140500	141000	142000	Turn-up time [min]	MPTI [dB]	
Frequency (MHz)				763.5	767.5	773.5			
5	QPSK	1	1	23.13	23.27	23.10	24.5	0.0	

n12_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Level Ch. 1 Freq.	Power Level Ch. 2 Freq.	Power Level Ch. 3 Freq.	Turn-up time [min]	MPTI [dB]	
Channel				141350	141000	141700			
Frequency (MHz)				768.5	767.5	768.5			
10	PSS-BPSK	1	1	23.10	23.30	23.00			
10	PSS-BPSK	1	40	23.11	23.00	23.10	24.5	0.0	
10	PSS-BPSK	1	77	23.30	23.31	23.17			
10	PSS-BPSK	96	5	23.07	22.83	23.10	24.0	0.5	
10	PSS-BPSK	96	32	23.07	23.10	23.10	24.5	0.5	
10	PSS-BPSK	96	43	23.00	22.77	23.00	24.0	0.5	
10	PSS-BPSK	75	5	23.06	22.89	23.07			
10	QPSK	1	1	23.10	23.00	23.10			
10	QPSK	1	40	23.09	23.10	23.10	24.5	0.0	
10	QPSK	1	77	23.10	23.30	23.30			
10	QPSK	96	5	23.09	23.12	23.00	23.5	1.0	
10	QPSK	200	23	23.10	23.00	23.10	24.5	0.0	
10	QPSK	96	42	23.10	23.10	23.10	23.5	1.0	
10	QPSK	75	5	23.10	23.00	23.10			
10	HQDM	1	1	21.87	22.10	21.80	23.5	1.0	
10	HQDM	1	1	20.48	20.40	20.40	24.0	0.5	
10	HQDM	1	1	19.12	19.10	19.10	23.0	0.5	
Channel				140850	141000	142000	Turn-up time [min]	MPTI [dB]	
Frequency (MHz)				768	768.5	771			
10	QPSK	1	1	23.09	23.08	23.10	24.5	0.0	
Channel				140500	141000	142000	Turn-up time [min]	MPTI [dB]	
Frequency (MHz)				763.5	767.5	773.5			
5	QPSK	1	1	23.17	23.20	23.20	24.5	0.0	

n66_Ant 1											
BSI (dBc)	Modulation	RB Size	RB Offset	Power Leak Ch. / Freq.	Power RMS Ch. / Freq.	Power Tap Ch. / Freq.	Turn-up time min	MPE dB			
Channel											
Frequency (MHz)											
30	PSS-BPSK	1	1	25.15	23.26	23.15					
20	PSS-BPSK	1	80	23.17	23.09	23.16					
30	PSS-BPSK	1	150	23.11	23.02	23.10		24.5	0.0		
30	PSS-BPSK	80	3	23.09	22.75	22.67		24.5	0.5		
30	PSS-BPSK	80	40	23.09	23.35	23.25		24.5	0.5		
30	PSS-BPSK	80	80	23.05	23.73	23.65		24.5	0.5		
30	PSS-BPSK	160	3	22.60	22.66	22.54					
30	QPSK	1	1	23.07	23.00	23.00					
30	QPSK	1	80	23.19	23.32	23.18		24.5	0.0		
30	QPSK	1	150	23.17	23.01	23.17					
30	QPSK	80	3	22.16	22.22	22.17		22.5	1.0		
30	QPSK	80	40	22.16	22.41	22.28		22.5	1.0		
30	QPSK	80	80	22.15	22.79	22.64		22.5	1.0		
30	QPSK	160	3	21.60	21.78	21.60		22.5	1.0		
30	QPSK	160	10	21.65	21.95	21.75		22.5	1.0		
30	QPSK	160	20	21.65	22.20	22.10		22.5	1.0		
30	QPSK	160	40	21.65	22.45	22.35		22.5	1.0		
30	QPSK	160	80	21.65	22.90	22.80		22.5	1.0		
30	QPSK	160	160	21.65	23.35	23.25		22.5	1.0		
30	QPSK	160	320	21.65	23.80	23.70		22.5	1.0		
30	QPSK	160	640	21.65	24.25	24.15		22.5	1.0		
30	QPSK	160	1280	21.65	24.70	24.60		22.5	1.0		
30	QPSK	160	2560	21.65	25.15	25.05		22.5	1.0		
30	QPSK	160	5120	21.65	25.60	25.50		22.5	1.0		
30	QPSK	160	10240	21.65	26.05	25.95		22.5	1.0		
30	QPSK	160	20480	21.65	26.50	26.40		22.5	1.0		
30	QPSK	160	40960	21.65	26.95	26.85		22.5	1.0		
30	QPSK	160	81920	21.65	27.40	27.30		22.5	1.0		
30	QPSK	160	163840	21.65	27.85	27.75		22.5	1.0		
30	QPSK	160	327680	21.65	28.30	28.20		22.5	1.0		
30	QPSK	160	655360	21.65	28.75	28.65		22.5	1.0		
30	QPSK	160	1310720	21.65	29.20	29.10		22.5	1.0		
30	QPSK	160	2621440	21.65	29.65	29.55		22.5	1.0		
30	QPSK	160	5242880	21.65	30.10	30.00		22.5	1.0		
30	QPSK	160	10485760	21.65	30.55	30.45		22.5	1.0		
30	QPSK	160	20971520	21.65	31.00	30.90		22.5	1.0		
30	QPSK	160	41943040	21.65	31.45	31.35		22.5	1.0		
30	QPSK	160	83886080	21.65	31.90	31.80		22.5	1.0		
30	QPSK	160	167772160	21.65	32.35	32.25		22.5	1.0		
30	QPSK	160	335544320	21.65	32.80	32.70		22.5	1.0		
30	QPSK	160	671088640	21.65	33.25	33.15		22.5	1.0		
30	QPSK	160	1342177280	21.65	33.70	33.60		22.5	1.0		
30	QPSK	160	2684354560	21.65	34.15	34.05		22.5	1.0		
30	QPSK	160	5368709120	21.65	34.60	34.50		22.5	1.0		
30	QPSK	160	10737418240	21.65	35.05	34.95		22.5	1.0		
30	QPSK	160	21474836480	21.65	35.50	35.40		22.5	1.0		
30	QPSK	160	42949672960	21.65	35.95	35.85		22.5	1.0		
30	QPSK	160	85899345920	21.65	36.40	36.30		22.5	1.0		
30	QPSK	160	171798691840	21.65	36.85	36.75		22.5	1.0		
30	QPSK	160	343597383680	21.65	37.30	37.20		22.5	1.0		
30	QPSK	160	687194767360	21.65	37.75	37.65		22.5	1.0		
30	QPSK	160	1374389534720	21.65	38.20	38.10		22.5	1.0		
30	QPSK	160	2748779069440	21.65	38.65	38.55		22.5	1.0		
30	QPSK	160	5497558138880	21.65	39.10	39.00		22.5	1.0		
30	QPSK	160	10995116277760	21.65	39.55	39.45		22.5	1.0		
30	QPSK	160	21990232555520	21.65	40.00	39.90		22.5	1.0		
30	QPSK	160	43980465111040	21.65	40.45	40.35		22.5	1.0		
30	QPSK	160	87960930222080	21.65	40.90	40.80		22.5	1.0		
30	QPSK	160	175921860444160	21.65	41.35	41.25		22.5	1.0		
30	QPSK	160	351843720888320	21.65	41.80	41.70		22.5	1.0		
30	QPSK	160	703687441776640	21.65	42.25	42.15		22.5	1.0		
30	QPSK	160	1407374883553280	21.65	42.70	42.60		22.5	1.0		
30	QPSK	160	2814749767106560	21.65	43.15	43.05		22.5	1.0		
30	QPSK	160	5629499534213120	21.65	43.60	43.50		22.5	1.0		
30	QPSK	160	11258999068426240	21.65	44.05	43.95		22.5	1.0		
30	QPSK	160	22517998136852480	21.65	44.50	44.40		22.5	1.0		
30	QPSK	160	45035996273704960	21.65	44.95	44.85		22.5	1.0		
30	QPSK	160	90071992547409920	21.65	45.40	45.30		22.5	1.0		
30	QPSK	160	180143985094819840	21.65	45.85	45.75		22.5	1.0		
30	QPSK	160	360287970189639680	21.65	46.30	46.20		22.5	1.0		
30	QPSK	160	720575940379279360	21.65	46.75	46.65		22.5	1.0		
30	QPSK	160	1441151880758558720	21.65	47.20	47.10		22.5	1.0		
30	QPSK	160	2882303761517117440	21.65	47.65	47.55		22.5	1.0		
30	QPSK	160	5764607523034234880	21.65	48.10	48.00		22.5	1.0		
30	QPSK	160	11529215046068469760	21.65	48.55	48.45		22.5	1.0		
30	QPSK	160	23058430092136939520	21.65	49.00	48.90		22.5	1.0		
30	QPSK	160	46116860184273879040	21.65	49.45	49.35		22.5	1.0		
30	QPSK	160	92233720368547758080	21.65	49.90	49.80		22.5	1.0		
30	QPSK	160	18446744073709551617061760	21.65	50.35	50.25		22.5	1.0		
30	QPSK	160	3689348814741910343623905280	21.65	50.80	50.70		22.5	1.0		
30	QPSK	160	73786976294838206872478103680	21.65	51.25	51.15		22.5	1.0		
30	QPSK	160	1475739525896764137449562113440	21.65	51.70	51.60		22.5	1.0		
30	QPSK	160	2951479051793528274899124226880	21.65	52.15	52.05		22.5	1.0		
30	QPSK	160	5902958103587056549798248453760	21.65	52.60	52.50		22.5	1.0		
30	QPSK	160	11805916207174113099596496867520	21.65	53.05	52.95		22.5	1.0		
30	QPSK	160	23611832414348226199366248135040	21.65	53.50	53.40		22.5	1.0		
30	QPSK	160	47223664828696452398732496270080	21.65	53.95	53.85		22.5	1.0		
30	QPSK	160	94447329657392904796775975140160	21.65	54.40	54.30		22.5	1.0		
30	QPSK	160	18889465931478580995797197180320	21.65	54.85	54.75		22.5	1.0		
30	QPSK	160	3777893186295716199366248160640	21.65	55.30	55.20		22.5	1.0		
30	QPSK	160	7555786372591433398732496321280	21.65	55.75	55.65		22.5	1.0		
30	QPSK	160	15111572745182866796775975125120	21.65	56.20	56.10		22.5	1.0		
30	QPSK	160	3022314549036573359366248250240	21.65	56.65	56.55		22.5	1.0		
30	QPSK	160	6044629098073146718732496500480	21.65	57.10	57.00		22.5	1.0		
30	QPSK	160	1208925819614629347895624810080	21.65	57.55	57.45		22.5	1.0		
30	QPSK	160	2417851639229258695791249620160	21.65	58.00	57.90		22.5	1.0		
30	QPSK	160	4835703278458517391582499240320	21.65	58.45	58.35		22.5	1.0		
30	QPSK	160	9671406556917034783164998480640	21.65	58.90	58.80		22.5	1.0		
30	QPSK	160	19342813113834069563329996961280	21.65	59.35	59.25		22.5	1.0		
30	QPSK	160	38685626227668139126659993922560	21.65	59.80	59.70		22.5	1.0		
30	QPSK	160	77371252455336278253319987845120	21.65	60.25	60.15		22.5	1.0		
30	QPSK	160	154742504910672556506639975690240	21.65	60.70	60.60		22.5	1.0		
30	QPSK	160	309485009821345113013279951380480	21.65	61.15	61.05		22.5	1.0		
30	QPSK	160	618970019642690226026559902760960	21.65	61.60	61.50		22.5	1.0		
30	QPSK	160	1237940039285380452053119905521920	21.65	62.05	61.95		22.5	1.0		
30	QPSK	160	2475880078570760904106239811043840	21.65	62.50	62.40		22.5	1.0		
30	QPSK	160	4951760157141521808212479622087680	21.65	62.95	62.85		22.5	1.0		
30	QPSK	160	9903520314283043616424959244175360	21.65	63.40	63.30		22.5	1.0		
30	QPSK	160	19807040628566087232849918488350720	21.65	63.85	63.75		22.5	1.0		
30	QPSK	160	39614081257132174465699836976701440	21.65	64.30	64.20		22.5	1.0		
30	QPSK	160	79228162514264348931399673953402880	21.65	64.75	64.65		22.5	1.0		
30	QPSK	160	158456325028528697862799347906817280	21.65	65.20	65.10		22.5	1.0		
30	QPSK	160	316912650057057395725598695813634560	21.65	65.65	65.55		22.5	1.0		
30	QPSK	160	633825300114114791451197391627269120	21.65	66.10	66.00		22.5	1.0		
30	QPSK	160	1267650600228229582903995783254538240	21.65	66.55	66.45		22.5	1.0		
30	QPSK	160	253530120045645916580799156650907520	21.65	67.00	66.90		22.5	1.0		
30	QPSK	160	507060240091291833161598313301815040	21.65	67.45	67.35		22.5	1.0		
30	QPSK	160	101412048018258366232319662660362080	21.65	67.90	67.80		22.5	1.0		
30	QPSK	160	202824096036516732464639325320724160	21.65	68.35	68.25		22.5	1.0		
30	QPSK	160	405648192073033464929278650641448320	21.65	68.80	68.70		22.5	1.0		
30	QPSK	160	811296384146066929858557301282896640	21.65	69.25	69.15		22.5	1.0		
30	QPSK	160	1622592768292133859717114602565793280	21.65	69.6						

n71_Ant 0							
SET (MHz)	Modulation	RB Size	RB Offset	Power Level Ch. 1 (Freq.)	Power Level Ch. 2 (Freq.)	Power Level Ch. 3 (Freq.)	APRT (dB)
Channel							
Frequency (MHz)							
138100 138100 138150							
348.5 348.5 348.5							
15	PI2-BPSK	1	1	23.17	23.16	23.22	
15	PI2-BPSK	1	46	23.12	23.16	23.24	24.5
15	PI2-BPSK	1	77	23.16	23.17	23.15	
15	PI2-BPSK	36	3	23.57	23.71	23.59	24.5
15	PI2-BPSK	36	26	23.16	23.20	23.27	24.5
15	PI2-BPSK	36	43	23.58	23.87	23.62	24.5
15	PI2-BPSK	75	2	23.72	23.73	23.77	24.5
15	QPSK	1	1	23.24	23.23	23.24	
15	QPSK	1	46	23.17	23.20	23.18	24.5
15	QPSK	1	77	23.27	23.13	23.10	
15	QPSK	36	5	23.39	23.60	23.31	23.5
15	QPSK	36	22	23.14	23.20	23.16	24.5
15	QPSK	36	43	23.59	23.70	23.60	23.5
15	QPSK	75	2	23.55	23.55	23.55	23.5
15	16QAM	1	1	23.96	23.41	23.59	23.5
15	16QAM	1	1	24.04	24.07	24.07	23.5
15	256QAM	1	1	15.11	15.14	15.13	23.5
Channel							
Frequency (MHz)							
138100 138100 138150							
15	QPSK	1	1	23.16	23.19	23.26	24.5
Channel							
Frequency (MHz)							
138100 138100 138150							
4	QPSK	1	1	23.17	23.19	23.23	24.5

n71_Ant 4							
SET (MHz)	Modulation	RB Size	RB Offset	Power Level Ch. 1 (Freq.)	Power Level Ch. 2 (Freq.)	Power Level Ch. 3 (Freq.)	APRT (dB)
Channel							
Frequency (MHz)							
138100 138100 138150							
348.5 348.5 348.5							
15	PI2-BPSK	1	1	23.28	23.30	23.29	
15	PI2-BPSK	1	46	23.18	23.24	23.13	24.5
15	PI2-BPSK	1	77	23.30	23.20	23.13	
15	PI2-BPSK	36	3	23.77	23.83	23.69	24.5
15	PI2-BPSK	36	26	23.19	23.20	23.12	24.5
15	PI2-BPSK	36	43	23.74	23.78	23.67	24.5
15	PI2-BPSK	75	2	23.73	23.85	23.82	24.5
15	QPSK	1	1	23.24	23.23	23.24	
15	QPSK	1	46	23.26	23.32	23.22	24.5
15	QPSK	1	77	23.16	23.28	23.16	
15	QPSK	36	5	23.37	23.50	23.32	23.5
15	QPSK	36	22	23.17	23.20	23.16	24.5
15	QPSK	36	43	23.13	23.21	23.11	23.5
15	QPSK	75	2	23.13	23.15	23.15	23.5
15	16QAM	1	1	24.06	23.16	23.19	23.5
15	16QAM	1	1	24.06	24.07	24.06	23.5
15	256QAM	1	1	15.25	15.28	15.13	23.5
Channel							
Frequency (MHz)							
138100 138100 138150							
15	QPSK	1	1	23.31	23.38	23.27	24.5
Channel							
Frequency (MHz)							
138100 138100 138150							
4	QPSK	1	1	23.30	23.20	23.19	24.5

n38_Ant 1												
BW (MHz)	Modulation	RB Desc	RB Offset	Power Low Ch. F (MHz)	Power Max Ch. F (MHz)	Power High Ch. F (MHz)	Time-up limit (min)	MPT (dB)				
Channel				21664	21664	21664						
Frequency (MHz)				21663.00	21665	21666.00						
40	PSSB	1	1	18.75	18.82	18.85	20.0	0.0				
40	PSSB	1	53	18.86	18.75	18.85						
40	PSSB	1	104	18.71	18.83	18.87						
40	PSSB	50	0	18.61	18.84	18.71	20.0	0.0				
40	PSSB	50	28	18.84	18.85	18.71						
40	PSSB	101	56	18.68	18.79	18.68						
40	PSSB	150	0	18.59	18.77	18.75	20.0	0.0				
40	QPSK	1	1	18.01	18.00	18.01						
40	QPSK	1	53	18.09	18.71	18.00						
40	QPSK	1	104	18.07	18.71	18.74	20.0	0.0				
40	QPSK	50	0	18.25	18.82	18.00						
40	QPSK	101	28	18.75	18.83	18.00						
40	QPSK	150	0	18.00	18.72	18.00	20.0	0.0				
40	QPSK	50	56	18.00	18.60	18.00						
40	QPSK	101	2	18.70	18.71	18.71						
40	QPSK	1	1	18.75	18.80	18.87	20.0	0.0				
40	QPSK	1	53	18.84	18.82	18.80						
40	QPSK	1	104	18.80	18.80	18.80						
Channel				21660	21660	21660						
Frequency (MHz)				21660.01	21660	21660.00						
30	QPSK	1	1	18.75	18.80	18.75	20.0	0.0				
Channel				21660	21660	21660						
Frequency (MHz)				21660	21660	21660						
20	QPSK	1	1	18.73	18.80	18.76	20.0	0.0				

n38_Ant 2												
BW (MHz)	Modulation	RB Desc	RB Offset	Power Floor Ch. F (MHz)	Power Max Ch. F (MHz)	Power Peak Ch. F (MHz)	Time-up limit (min)	MPT (dB)				
Channel				21664	21664	21664						
Frequency (MHz)				21663.00	21665	21666.00						
40	PSSB	1	1	23.19	23.22	23.20	24.0	0.0				
40	PSSB	1	53	23.40	23.45	23.40						
40	PSSB	1	104	23.42	23.31	23.30						
40	PSSB	50	0	23.01	23.02	23.02	24.0	0.0				
40	PSSB	50	28	23.30	23.37	23.40						
40	PSSB	101	56	23.08	23.08	23.05						
40	PSSB	150	0	23.05	23.03	23.05	24.0	0.0				
40	QPSK	1	1	23.00	23.07	23.00						
40	QPSK	1	53	23.09	23.35	23.40						
40	QPSK	1	104	23.45	23.00	23.07	20.0	1.0				
40	QPSK	50	0	23.25	23.30	23.30						
40	QPSK	101	28	23.25	23.30	23.00						
40	QPSK	150	0	23.29	23.30	23.30	20.0	1.0				
40	QPSK	50	56	23.29	23.30	23.30						
40	QPSK	101	2	23.29	23.30	23.30						
40	QPSK	1	1	21.07	21.04	21.01	20.0	1.0				
40	QPSK	1	53	21.02	21.00	21.00						
40	QPSK	1	104	21.05	21.04	21.00						
Channel				21660	21660	21660						
Frequency (MHz)				21660.01	21660	21660.00						
30	QPSK	1	1	23.04	23.25	23.40	24.0	0.0				
Channel				21660	21660	21660						
Frequency (MHz)				21660	21660	21660						
20	QPSK	1	1	23.00	23.30	23.41	24.0	0.0				

n38_Ant_4												
BW (MHz)	Modulation	RB Desc	RB Offset	Power Low Ch. F (MHz)	Power Max Ch. F (MHz)	Power High Ch. F (MHz)	Time up limit (min)					
Channel				21664	21664	21664						
Frequency (MHz)				18.843	18.845	18.846						
40	PSSB	1	1	18.84	18.85	18.84	20.0	0.0				
40	PSSB	1	53	18.84	18.80	18.80						
40	PSSB	1	104	18.83	18.86	18.87						
40	PSSB	50	0	18.66	18.84	18.66	20.0	0.0				
40	PSSB	50	28	18.80	18.81	18.87						
40	PSSB	101	56	18.69	18.12	18.69						
40	PSSB	150	0	18.66	18.80	18.84	20.0	0.0				
40	QPSK	1	1	18.01	18.12	18.00						
40	QPSK	1	53	18.01	18.84	18.88						
40	QPSK	1	104	18.86	18.86	18.86	20.0	0.0				
40	QPSK	50	0	18.84	18.80	18.80						
40	QPSK	101	28	18.87	18.80	18.80						
40	QPSK	150	0	18.00	18.84	18.80	20.0	0.0				
40	QPSK	50	56	18.00	18.60	18.00						
40	QPSK	101	2	18.84	18.80	18.80						
40	QPSK	1	1	18.04	18.80	18.80	20.0	0.0				
40	QPSK	1	53	18.80	18.80	18.80						
40	QPSK	1	104	18.80	18.80	18.80						
Channel				21660	21660	21660						
Frequency (MHz)				18.843	18.845	18.846						
30	QPSK	1	1	18.82	18.87	18.80	20.0	0.0				
Channel				21660	21660	21660						
Frequency (MHz)				18.843	18.845	18.846						
20	QPSK	1	1	18.01	18.87	18.80	20.0	0.0				

FCC_n41_Ant 1									
BW (MHz)	Modulation	RB Desc	RB Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turn-up Int. (min)	MPE (dB)	
Channel									
Frequency (MHz)				2565.51	2565.98	2566			
100	PSS BPSK	1	1	18.85	18.95	18.85			
100	PSS BPSK	1	137	18.95	19.05	18.75	20.0	0.0	
100	PSS BPSK	1	271	18.91	18.70	18.70			
100	PSS BPSK	135	0	18.85	18.95	18.85	20.0	0.0	
100	PSS BPSK	270	0	18.81	18.71	18.50	20.0	0.0	
100	PSS BPSK	135	136	18.87	18.83	18.68	20.0	0.0	
100	PSS BPSK	270	0	18.83	18.58	18.58			
100	QPSK	1	1	18.95	18.95	18.70			
100	QPSK	1	137	18.89	18.87	18.68	20.0	0.0	
100	QPSK	1	271	18.77	18.88	18.68			
100	QPSK	135	0	18.91	18.95	18.71	20.0	0.0	
100	QPSK	135	80	18.95	18.71	18.71	20.0	0.0	
100	QPSK	270	136	18.92	18.83	18.60			
100	QPSK	270	0	18.89	18.72	18.70	20.0	0.0	
100	HCQAM	1	1	18.76	18.54	18.71	20.0	0.0	
100	HCQAM	1	1	18.76	18.72	18.68	20.0	0.0	
100	256QAM	1	1	18.68	18.62	18.55	20.0	0.0	
Channel									
Frequency (MHz)				2561	2560.99	2561.88			
80	QPSK	1	1	18.92	18.72	18.70	20.0	0.0	
Channel									
Frequency (MHz)				2558.92	2558.98	2559.88			
80	QPSK	1	1	18.87	18.81	18.70	20.0	0.0	
Channel									
Frequency (MHz)				2551.51	2560.98	2561.88			
70	QPSK	1	1	18.92	18.82	18.68	20.0	0.0	
Channel									
Frequency (MHz)				2551.11	2559.98	2560.88			
80	QPSK	1	1	18.82	18.82	18.70	20.0	0.0	
Channel									
Frequency (MHz)				2551.12	2560.98	2561.88			
50	QPSK	1	1	18.88	18.74	18.68	20.0	0.0	
Channel									
Frequency (MHz)				2551.01	2560.98	2561.88			
40	QPSK	1	1	18.88	18.78	18.70	20.0	0.0	
Channel									
Frequency (MHz)				5001	5000.99	5001.88			
80	QPSK	1	1	18.87	18.70	18.70	20.0	0.0	
Channel									
Frequency (MHz)				5001.04	5000.98	5001.88			
80	QPSK	1	1	18.87	18.81	18.70	20.0	0.0	

FCC_n41_Ant 2									
BW (MHz)	Modulation	RB Desc	RB Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turn-up Int. (min)	MPE (dB)	
Channel									
Frequency (MHz)				2565.51	2565.98	2566			
100	PSS BPSK	1	1	24.76	24.87	24.68			
100	PSS BPSK	1	137	24.83	24.71	24.74	20.0	0.0	
100	PSS BPSK	1	271	24.75	24.58	24.55			
100	PSS BPSK	135	0	24.68	24.42	24.15	20.0	0.0	
100	PSS BPSK	270	0	24.50	24.45	24.20	20.0	0.0	
100	PSS BPSK	135	136	24.64	24.13	24.11	20.0	0.0	
100	PSS BPSK	270	0	24.52	24.10	24.08			
100	QPSK	1	1	24.80	24.75	24.70			
100	QPSK	1	137	24.60	24.68	24.60	20.0	0.0	
100	QPSK	1	271	24.76	24.55	24.61			
100	QPSK	135	0	24.55	24.52	24.57	20.0	1.0	
100	QPSK	135	80	24.76	24.50	24.50	20.0	0.0	
100	QPSK	270	0	24.59	24.59	24.50	20.0	1.0	
100	HCQAM	1	1	23.36	23.42	23.52	20.0	1.0	
100	HCQAM	1	1	23.24	23.50	23.10	20.0	2.0	
100	256QAM	1	1	20.63	20.65	20.70	20.0	4.0	
Channel									
Frequency (MHz)				2461	2460.99	2461.88			
80	QPSK	1	1	24.62	24.60	24.70	20.0	0.0	
Channel									
Frequency (MHz)				2458.92	2458.98	2459.88			
80	QPSK	1	1	24.70	24.61	24.60	20.0	0.0	
Channel									
Frequency (MHz)				2459	2458.99	2459.88			
70	QPSK	1	1	24.67	24.67	24.50	20.0	0.0	
Channel									
Frequency (MHz)				2451.11	2451.01	2451.88			
70	QPSK	1	1	24.67	24.67	24.50	20.0	0.0	
Channel									
Frequency (MHz)				2459	2458.99	2459.88			
80	QPSK	1	1	24.64	24.50	24.50	20.0	0.0	
Channel									
Frequency (MHz)				2451.12	2451.01	2451.88			
50	QPSK	1	1	24.63	24.48	24.50	20.0	0.0	
Channel									
Frequency (MHz)				2451.01	2451.01	2451.88			
40	QPSK	1	1	24.62	24.44	24.51	20.0	0.0	
Channel									
Frequency (MHz)				500000	500000	500000			
80	QPSK	1	1	24.60	24.43	24.47	20.0	0.0	
Channel									
Frequency (MHz)				501.04	501.04	501.88			
80	QPSK	1	1	24.70	24.60	24.57	20.0	0.0	
Channel									
Frequency (MHz)				501.04	501.04	501.88			
80	QPSK	1	1	24.70	24.60	24.57	20.0	0.0	

FCC_n41_Ant 4									
BW (MHz)	Modulation	RB Desc	RB Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turn-up Int. (min)	MPE (dB)	
Channel									
Frequency (MHz)				2565.51	2565.98	2566			
100	PSS BPSK	1	1	18.85	18.74	18.84			
100	PSS BPSK	1	137	18.95	18.71	18.82	20.0		
100	PSS BPSK	1	271	18.80	18.84	18.77			
100	PSS BPSK	135	0	18.81	18.71	18.83	20.0	0.0	
100	PSS BPSK	270	0	18.82	18.83	18.80	20.0	0.0	
100	PSS BPSK	135	136	18.88	18.76	18.74	20.0	0.0	
100	PSS BPSK	270	136	18.88	18.74	18.83			
100	QPSK	1	1	18.95	18.95	18.70			
100	QPSK	1	137	18.84	18.86	18.71	20.0	0.0	
100	QPSK	1	271	18.84	18.86	18.68			
100	QPSK	135	0	18.95	18.91	18.83	20.0	0.0	
100	QPSK	135	80	18.95	18.81	18.77	20.0	0.0	
100	QPSK	270	136	18.92	18.83	18.70			
100	QPSK	270	0	18.89	18.68	18.65	20.0	0.0	
100	HCQAM	1	1	18.69	18.77	18.64	20.0	0.0	
100	256QAM	1	1	18.63	18.65	18.74	20.0	0.0	
Channel									
Frequency (MHz)				2461	2460.99	2461.88			
80	QPSK	1	1	18.94	18.78	18.68	20.0	0.0	
Channel									
Frequency (MHz)				2458.92	2458.98	2459.88			
80	QPSK	1	1	18.87	18.83	18.70	20.0	0.0	
Channel									
Frequency (MHz)				2459	2459.99	2460.88			
70	QPSK	1	1	18.93	18.85	18.72	20.0	0.0	
Channel									
Frequency (MHz)				2451.51	2460.98	2461.88			
80	QPSK	1	1	18.93	18.74	18.68	20.0	0.0	
Channel									
Frequency (MHz)				2451.11	2459.98	2460.88			
50	QPSK	1	1	18.88	18.84	18.74	20.0	0.0	
Channel									
Frequency (MHz)				2451.01	2460.98	2460.88			
40	QPSK	1	1	18.87	18.74	18.60	20.0	0.0	
Channel									
Frequency (MHz)				2451	2460.98	2461.88			
30	QPSK	1	1	18.86	18.74	18.60	20.0	0.0	
Channel									
Frequency (MHz)				2450.51	2460.98	2461.88			
20	QPSK	1	1	18.85	18.74	18.60	20.0	0.0	

Part27Q_n77_Ant 1									
BW (MHz)	Modulation	RB Csm	SB Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turn-on Int. (dBm)	MPT (dB)	
Channel				SABR-98			17.0	0.0	
Frequency (MHz)				3680.98					
100	P1/D BPSK	1	1	16.34					
100	P1/D BPSK	1	137	16.35					
100	P1/D BPSK	1	371	16.40					
100	P1/D BPSK	136	5	16.30			17.0	0.0	
100	P1/D BPSK	136	49	16.33			17.0	0.0	
100	P1/D BPSK	136	136	16.32			17.0	0.0	
100	P1/D BPSK	276	6	16.37			17.0	0.0	
100	QPSK	1	1	16.33			17.0	0.0	
100	QPSK	1	137	16.33					
100	QPSK	1	371	16.38					
100	QPSK	136	5	16.36					
100	QPSK	136	49	16.36			17.0	0.0	
100	QPSK	136	136	16.34			17.0	0.0	
100	QPSK	276	6	16.36			17.0	0.0	
100	VCQAM	1	1	16.32			17.0	0.0	
100	VCQAM	1	1	16.33			17.0	0.0	
Channel				63056	63052	63050	Turn-on Int. (dBm)	MPT (dB)	
Frequency (MHz)				346530	346530	346530			
30	QPSK	1	1	16.44	16.41	16.47		0.0	
Channel				63060	63056	63050		0.0	
Frequency (MHz)				346530	346530	346530		0.0	
30	QPSK	1	1	16.37	16.45	16.47	17.0	0.0	
Channel				63074	63070	63066	Turn-on Int. (dBm)	MPT (dB)	
Frequency (MHz)				346530	346530	346530			
40	QPSK	1	1	16.41	16.38	16.51	17.0	0.0	
Channel				63076	63072	63068	0.0		
Frequency (MHz)				346530	346530	346530	0.0		
30	QPSK	1	1	16.45	16.48	16.57	17.0	0.0	
Channel				63082	63078	63074	Turn-on Int. (dBm)	MPT (dB)	
Frequency (MHz)				346532	346530	346530			
20	QPSK	1	1	16.43	16.38	16.38	17.0	0.0	

Part27Q_n77_Ant 1										
BW (MHz)	Modulation	RB Csm	SB Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turn-up Int. (dBm)	MPT (dB)		
Channel				64050			17.0			
Frequency (MHz)				3680						
100	P1/D BPSK	1	1	16.09	16.23	16.08		17.0	0.0	
100	P1/D BPSK	1	137	16.08	16.21	16.10				
100	P1/D BPSK	1	371	16.16	16.18	16.17				
100	P1/D BPSK	136	5	16.16	16.27	16.20				
100	P1/D BPSK	136	49	16.22	16.17	16.16	17.0	0.0		
100	P1/D BPSK	136	136	16.16	16.26	16.10	17.0	0.0		
100	P1/D BPSK	276	6	16.20	16.08	16.20	17.0	0.0		
100	QPSK	1	1	16.24	16.20	16.20	17.0	0.0		
100	QPSK	1	137	16.27	16.10	16.20				
100	QPSK	1	371	16.08	16.13	16.14				
100	QPSK	136	5	16.14	16.26	16.20				
100	QPSK	136	49	16.15	16.20	16.10	17.0	0.0		
100	QPSK	136	136	16.14	16.21	16.10	17.0	0.0		
100	QPSK	276	6	16.16	16.20	16.17	17.0	0.0		
100	VCQAM	1	1	16.11	16.14	16.10	17.0	0.0		
100	VCQAM	1	1	16.06	16.10	16.11	17.0	0.0		
Channel				64054	64050	64046	Turn-up Int. (dBm)	0.0		
Frequency (MHz)				371531	3680	3680.98				
30	QPSK	1	1	16.12	16.20	16.16	17.0	0.0		
Channel				64056	64050	64044	Turn-up Int. (dBm)	0.0		
Frequency (MHz)				371532	3680	3680.98		0.0		
30	QPSK	1	1	16.23	16.20	16.11	17.0	0.0		
Channel				64060	64054	64048	Turn-up Int. (dBm)	0.0		
Frequency (MHz)				371532	3680	3680.98		0.0		
40	QPSK	1	1	16.17	16.16	16.20	17.0	0.0		
Channel				64062	64056	64050	Turn-up Int. (dBm)	0.0		
Frequency (MHz)				371532	3680	3680.98		0.0		
30	QPSK	1	1	16.15	16.27	16.10	17.0	0.0		
Channel				64064	64058	64052	Turn-up Int. (dBm)	0.0		
Frequency (MHz)				371531	3680	3680.98		0.0		
20	QPSK	1	1	16.13	16.15	16.10	17.0	0.0		

Part27Q_n77_Ant 3											
BW (MHz)	Modulation	RB Csm	SB Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turn-up Int. (dBm)	MPT (dB)			
Channel				63052			23.0	0.0			
Frequency (MHz)				63052							
100	P1/D BPSK	1	1	22.07							
100	P1/D BPSK	1	137	21.87							
100	P1/D BPSK	1	371	22.05							
100	P1/D BPSK	136	5	21.96			22.5	0.0			
100	P1/D BPSK	136	49	21.86			23.0	0.0			
100	P1/D BPSK	136	136	21.48			22.5	0.0			
100	P1/D BPSK	276	6	21.38			23.0	0.0			
100	QPSK	1	1	22.11			23.0	0.0			
100	QPSK	1	137	22.05							
100	QPSK	1	371	21.87							
100	QPSK	136	5	21.90							
100	QPSK	136	49	21.80			23.0	1.0			
100	QPSK	136	136	21.80			23.0	0.0			
100	QPSK	276	6	21.84			23.0	1.0			
100	VCQAM	1	1	21.91			23.0	1.0			
100	VCQAM	1	1	16.45			22.5	2.0			
Channel				63055	63054	63053	Turn-up Int. (dBm)	MPT (dB)			
Frequency (MHz)				63056	63055	63054					
30	QPSK	1	1	22.07	22.09	22.06				0.0	
Channel				63059	63058	63057				0.0	
Frequency (MHz)				346530	346530	346530				0.0	
30	QPSK	1	1	22.00	22.00	22.00	23.0	0.0			
Channel				63062	63061	63060	Turn-up Int. (dBm)	MPT (dB)			
Frequency (MHz)				346530	346530	346530				0.0	
40	QPSK	1	1	22.07	22.00	22.06	23.0	0.0			
Channel				63065	63064	63063	Turn-up Int. (dBm)	MPT (dB)			
Frequency (MHz)				346530	346530	346530				0.0	
30	QPSK	1	1	22.05	22.05	22.06	23.0	0.0			
Channel				64062	64061	64060	Turn-up Int. (dBm)	MPT (dB)			
Frequency (MHz)				371531	3680	3680.98				0.0	
20	QPSK	1	1	21.87	22.07	22.08	23.0	0.0			

Part27Q_n77_Ant_3										
BW (MHz)	Modulation	RB Csm	SB Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turn-up Int. (dBm)	MPT (dB)		
Channel				SABR-98			23.0	0.0		
Frequency (MHz)				3680						
100	P1/D BPSK	1	1	22.17	22.28	22.17		23.0	0.0	
100	P1/D BPSK	1	137	22.16	22.27	22.08				
100	P1/D BPSK	1	371	22.24	22.28	22.17				
100	P1/D BPSK	136	5	21.75	21.80	21.72				
100	P1/D BPSK	136	49	22.21	22.02	22.10	23.0	0.0		
100	P1/D BPSK	136	136	21.79	21.73	21.63	22.5	0.0		
100	P1/D BPSK	276	6	21.71	21.70	21.61	23.0	0.0		
100	QPSK	1	1	22.25	22.25	22.25	23.0	0.0		
100	QPSK	1	137	22.13	22.22	22.10				
100	QPSK	1	371	22.16	22.08	22.12				
100	QPSK	136	5	21.76	21.73	21.70				
100	QPSK	136	49	22.22	22.00	22.11	23.0	1.0		
100	QPSK	136	136	21.65	21.59	21.50	23.0	1.0		
100	QPSK	276	6	21.50	21.44	21.41	23.0	1.0		
100	QPSK	276	136	21.50	21.44	21.41	22.5	1.0		
100	QPSK	552	1	21.62	21.60	21.60	23.0	2.0		
100	QPSK	552	136	21.62	21.60	21.60	23.0	2.0		
80	Frequency (MHz)			3680			Turn-up Int. (dBm)	0.0		
80	Frequency (MHz)			3680			Turn-up Int. (dBm)	0.0		
80	Frequency (MHz)			3680			Turn-up Int. (dBm)	0.0		
80	Frequency (MHz)			3680			Turn-up Int. (dBm)	0.0		
80	Frequency (MHz)			3680			Turn-up Int. (dBm)	0.0		
40	Frequency (MHz)			3680			Turn-up Int. (dBm)	0.0		
40	Frequency (MHz)			3680			Turn-up Int. (dBm)	0.0		
40	Frequency (MHz)			3680			Turn-up Int. (dBm)	0.0		
30	Frequency (MHz)			3680			Turn-up Int. (dBm)	0.0		
30	Frequency (MHz)			3680			Turn-up Int. (dBm)	0.0		
30	Frequency (MHz)			3680			Turn-up Int. (dBm)	0.0		
20	Frequency (MHz)			3680			Turn-up Int. (dBm)	0.0		
20	Frequency (MHz)			3680			Turn-up Int. (dBm)	0.0		
20	Frequency (MHz)			3680			Turn-up Int. (dBm)	0.0		
20	Frequency (MHz)			3680			Turn-up Int. (dBm)	0.0		
20	Frequency (MHz)			3680			Turn-up Int. (dBm)	0.0		



Part27Q_n77_Ant 5												
BW (MHz)	Modulation	RB Csm	SB Offset	Power Low Ch. 1 (Freq.)	Power Max Ch. 1 (Freq.)	Power High Ch. 1 (Freq.)	Turn-up Int. (dBm)	MPT (dB)				
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
100	P13-BPSK	1	1	22.80								
100	P13-BPSK	1	137	23.95	23.96	23.97						
100	P13-BPSK	1	371	23.98								
100	P13-BPSK	136	5	22.97			22.5	0.5				
100	P13-BPSK	136	49	23.95			24.5	0.0				
100	P13-BPSK	136	136	23.93			22.5	0.5				
100	P13-BPSK	276	6	23.98			24.0					
100	QPSK	1	1	22.97	22.98	22.99	23.0	0.0				
100	QPSK	1	137	22.97								
100	QPSK	1	271	22.98								
100	QPSK	136	5	23.95								
100	QPSK	136	49	23.93			22.5	0.0				
100	QPSK	136	136	23.97			22.0	1.0				
100	QPSK	276	6	23.98			22.5					
100	VCQAM	1	1	23.49			22.0	1.0				
100	VCQAM	1	1	23.92			22.5	2.0				
100	VCQAM	1	1	18.97	18.97	18.97	18.5	4.0				
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						
Channel				SABR-98			23.0	0.0				
Frequency (MHz)				3060.98								
80	QPSK	1	1	22.99	22.99	22.99						

Reduced Power Mode for ECI 17

n2_Ant 1

n2_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	23.09	23.12	23.11	24.5	0.0	
20	PI2 BPSK	1	53	22.99	23.08	23.06			
20	PI2 BPSK	1	104	23.00	23.14	23.04			
20	PI2 BPSK	50	0	22.67	22.68	22.57	24.0	0.5	
20	PI2 BPSK	50	28	22.94	23.06	23.00	24.5	0.0	
20	PI2 BPSK	50	56	22.60	22.65	22.53	24.0	0.5	
20	PI2 BPSK	100	0	22.62	22.62	22.52			
20	QPSK	1	1	23.09	23.15	23.13			
20	QPSK	1	53	23.06	23.12	23.08	24.5	0.0	
20	QPSK	1	104	23.01	23.13	23.11	24.5	1.0	
20	QPSK	50	0	21.94	22.05	21.95			
20	QPSK	50	28	23.97	23.08	23.01			
20	QPSK	50	56	22.02	22.11	22.01	23.5	1.0	
20	QPSK	100	0	21.96	22.05	21.93	23.5	1.0	
20	16QAM	1	1	21.87	21.70	21.63			
20	64QAM	1	1	20.24	20.33	20.30			
20	256QAM	1	1	18.82	18.88	18.87	20.0	4.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	22.97	23.06	23.02	24.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	23.03	23.02	22.98	24.5	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	22.97	23.12	23.03	24.5	0.0	

n2_Ant 2

n2_Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.68	22.70	22.68	24.5	0.0
20	PI2 BPSK	1	53	22.68	22.64	22.53		
20	PI2 BPSK	1	104	22.71	22.75	22.67		
20	PI2 BPSK	50	0	22.21	22.21	22.05	24.0	0.5
20	PI2 BPSK	50	28	22.36	22.66	22.65	24.5	0.0
20	PI2 BPSK	50	56	22.05	22.25	22.17	24.0	0.5
20	PI2 BPSK	100	0	22.24	22.19	22.15		
20	QPSK	1	1	22.67	22.90	22.79		
20	QPSK	1	53	22.67	22.79	22.68	24.5	0.0
20	QPSK	1	104	22.74	22.82	22.71	23.5	1.0
20	QPSK	50	0	21.55	21.63	21.56		
20	QPSK	50	28	22.35	22.62	22.57		
20	QPSK	50	56	21.70	21.68	21.76	23.5	1.0
20	QPSK	100	0	21.63	21.75	21.59	23.5	1.0
20	16QAM	1	1	21.55	21.58	21.53		
20	64QAM	1	1	20.05	20.10	20.02		
20	256QAM	1	1	18.49	18.57	18.65	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.96	22.98	22.84	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.74	22.78	22.68	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.83	22.82	22.75	24.5	0.0

n2_Ant 4

n2_Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	24.5	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.99	23.07	23.03	24.5	0.0
20	PI2 BPSK	1	53	23.02	23.05	22.99		
20	PI2 BPSK	1	104	22.90	23.02	22.90		
20	PI2 BPSK	50	0	22.44	22.57	22.42	24.0	0.5
20	PI2 BPSK	50	28	22.98	23.05	22.91	24.5	0.0
20	PI2 BPSK	50	56	22.41	22.52	22.51	24.0	0.5
20	PI2 BPSK	100	0	22.47	22.60	22.54		
20	QPSK	1	1	23.09	23.14	23.12		
20	QPSK	1	53	23.00	23.12	23.02	24.5	0.0
20	QPSK	1	104	23.06	23.13	23.08	23.5	1.0
20	QPSK	50	0	22.02	22.05	21.92		
20	QPSK	50	28	23.95	23.05	22.98		
20	QPSK	50	56	21.95	22.00	22.02	23.5	1.0
20	QPSK	100	0	21.81	21.95	21.83	23.5	1.0
20	16QAM	1	1	21.72	21.76	21.69		
20	64QAM	1	1	20.09	20.19	20.10		
20	256QAM	1	1	18.35	18.70	18.63	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.96	23.01	23.07	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.03	23.04	22.97	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.94	23.03	23.02	24.5	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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	23.44	23.52	23.47	25.0	0.0
20	PI2 BPSK	1	53	23.49	23.66	23.66		
20	PI2 BPSK	1	104	23.43	23.55	23.52		
20	PI2 BPSK	50	0	23.03	23.19	23.14	24.5	0.5
20	PI2 BPSK	50	28	23.04	23.52	23.39	25.0	0.0
20	PI2 BPSK	50	56	22.99	23.08	22.95	24.5	0.5
20	PI2 BPSK	100	0	22.91	23.03	22.94		
20	QPSK	1	1	23.51	23.70	23.61		
20	QPSK	1	53	23.38	23.56	23.55	25.0	0.0
20	QPSK	1	104	23.45	23.56	23.58	24.0	1.0
20	QPSK	50	0	22.55	22.71	22.59		
20	QPSK	50	28	23.48	23.62	23.49		
20	QPSK	50	56	22.30	22.49	22.28	24.0	1.0
20	QPSK	100	0	22.38	22.57	22.42		
20	16QAM	1	1	22.36	22.53	22.45	24.0	1.0
20	64QAM	1	1	21.00	21.00	20.94	22.5	2.5
20	256QAM	1	1	19.42	19.53	19.31	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	23.50	23.66	23.49	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.59	23.55	23.57	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	23.58	23.60	23.51	25.0	0.0

n5_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	23.42	23.48	23.39	25.0	0.0
20	PI2 BPSK	1	53	23.42	23.53	23.51		
20	PI2 BPSK	1	104	23.38	23.50	23.48		
20	PI2 BPSK	50	0	22.95	23.06	23.04	24.5	0.5
20	PI2 BPSK	50	28	23.21	23.46	23.32	25.0	0.0
20	PI2 BPSK	50	56	22.91	23.00	22.85	24.5	0.5
20	PI2 BPSK	100	0	22.87	23.02	22.91		
20	QPSK	1	1	23.51	23.59	23.56		
20	QPSK	1	53	23.35	23.50	23.46	25.0	0.0
20	QPSK	1	104	23.44	23.53	23.50		
20	QPSK	50	0	22.48	22.57	22.52		
20	QPSK	50	28	23.39	23.52	23.42	24.0	1.0
20	QPSK	50	56	22.24	22.36	22.24		
20	QPSK	100	0	22.36	22.45	22.35		
20	16QAM	1	1	22.21	22.36	22.37	24.0	1.0
20	64QAM	1	1	20.89	20.96	20.89	22.5	2.5
20	256QAM	1	1	19.39	19.42	19.27	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	23.45	23.55	23.53	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.50	23.42	23.41	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	23.41	23.49	23.51	25.0	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				23.10	23.12	23.14		
20	PI2 BPSK	1	1	22.96	23.10	23.05	24.5	0.0
20	PI2 BPSK	1	53	22.91	23.05	23.01		
20	PI2 BPSK	1	104	22.89	23.06	22.94	24.0	0.5
20	PI2 BPSK	50	0	22.55	22.62	22.50		
20	PI2 BPSK	50	28	23.10	23.11	23.06	24.5	0.0
20	PI2 BPSK	50	56	22.53	22.60	22.50	24.0	0.5
20	PI2 BPSK	100	0	22.57	22.58	22.48		
20	QPSK	1	1	23.09	23.12	23.04	24.5	0.0
20	QPSK	1	53	23.04	23.06	22.94		
20	QPSK	1	104	22.85	23.08	22.96	23.5	1.0
20	QPSK	50	0	21.87	21.87	21.82		
20	QPSK	50	28	23.02	23.08	22.97	24.5	0.0
20	QPSK	50	56	21.85	21.99	21.95	23.5	1.0
20	QPSK	100	0	21.86	22.00	21.84		
20	16QAM	1	1	21.95	21.70	21.58	23.5	1.0
20	64QAM	1	1	20.19	20.20	20.10	22.0	2.5
20	256QAM	1	1	18.83	18.86	18.59	20.0	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2307.5	2335	2362.5	(dBm)	(dB)
15	QPSK	1	1	22.98	23.09	22.94	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2305	2335	2365	(dBm)	(dB)
10	QPSK	1	1	22.95	22.97	23.00	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2302.5	2335	2367.5	(dBm)	(dB)
5	QPSK	1	1	23.01	23.04	22.95	24.5	0.0

n7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				20.10	20.12	20.14		
20	PI2 BPSK	1	1	20.08	20.12	19.99	21.5	0.0
20	PI2 BPSK	1	53	20.05	20.05	20.08		
20	PI2 BPSK	1	104	20.11	20.10	20.00	21.5	0.0
20	PI2 BPSK	50	0	20.00	20.04	19.97		
20	PI2 BPSK	50	28	20.10	20.09	20.02	21.5	0.0
20	PI2 BPSK	50	56	20.05	20.12	20.03	21.5	0.0
20	PI2 BPSK	100	0	20.07	20.07	20.02		
20	QPSK	1	1	20.15	20.16	20.12	21.5	0.0
20	QPSK	1	53	20.09	20.04	20.10		
20	QPSK	1	104	20.11	20.06	20.04	21.5	0.0
20	QPSK	50	0	20.12	20.05	19.97		
20	QPSK	50	28	20.13	20.16	20.09	21.5	0.0
20	QPSK	50	56	20.10	20.12	20.04	21.5	0.0
20	QPSK	100	0	20.14	20.15	20.06		
20	16QAM	1	1	20.14	20.10	20.08	21.5	0.0
20	64QAM	1	1	20.14	20.12	19.98	21.5	0.0
20	256QAM	1	1	19.03	19.02	18.99	20.0	1.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2007.5	2035	2062.5	(dBm)	(dB)
15	QPSK	1	1	20.09	20.14	19.97	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2005	2035	2065	(dBm)	(dB)
10	QPSK	1	1	20.06	20.11	20.08	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2002.5	2035	2067.5	(dBm)	(dB)
5	QPSK	1	1	20.04	20.06	20.10	21.5	0.0

n7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				23.10	23.12	23.14		
20	PI2 BPSK	1	1	23.00	23.02	22.93	24.5	0.0
20	PI2 BPSK	1	53	22.82	22.97	22.96		
20	PI2 BPSK	1	104	22.89	22.95	22.92	24.0	0.5
20	PI2 BPSK	50	0	22.51	22.56	22.52		
20	PI2 BPSK	50	28	22.86	23.00	22.96	24.5	0.0
20	PI2 BPSK	50	56	22.52	22.60	22.45	24.0	0.5
20	PI2 BPSK	100	0	22.46	22.52	22.43		
20	QPSK	1	1	22.99	23.05	23.02	24.5	0.0
20	QPSK	1	53	22.89	23.02	22.88		
20	QPSK	1	104	22.86	23.00	22.95	23.5	1.0
20	QPSK	50	0	22.02	22.10	22.05		
20	QPSK	50	28	22.92	22.98	22.95	24.5	0.0
20	QPSK	50	56	22.00	22.07	22.02	23.5	1.0
20	QPSK	100	0	21.92	21.99	21.85		
20	16QAM	1	1	21.72	21.79	21.77	23.5	1.0
20	64QAM	1	1	20.34	20.35	20.25	22.0	2.5
20	256QAM	1	1	18.83	18.88	18.77	20.0	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2307.5	2335	2362.5	(dBm)	(dB)
15	QPSK	1	1	22.83	23.03	22.97	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2305	2335	2365	(dBm)	(dB)
10	QPSK	1	1	22.94	22.92	23.00	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2302.5	2335	2367.5	(dBm)	(dB)
5	QPSK	1	1	22.93	22.97	22.98	24.5	0.0

n12_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Middle Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	PI2 BPSK	1	1	23.11	23.27	23.10	24.5	0.0	
15	PI2 BPSK	1	40	23.05	23.17	23.07			
15	PI2 BPSK	1	77	23.26	23.20	23.12			
15	PI2 BPSK	36	0	22.62	22.70	22.60	24.0	0.5	
15	PI2 BPSK	36	22	23.05	23.16	23.29	24.5	0.0	
15	PI2 BPSK	36	43	22.59	22.74	22.49	24.0	0.5	
15	PI2 BPSK	75	0	22.58	22.73	22.59			
15	QPSK	1	1	23.26	23.30	23.21			
15	QPSK	1	40	23.20	23.13	23.08	24.5	0.0	
15	QPSK	1	77	23.15	23.16	23.16	23.5	1.0	
15	QPSK	36	0	22.07	22.05	22.00			
15	QPSK	36	22	23.25	23.29	23.18			
15	QPSK	36	43	22.06	22.08	22.05	23.5	1.0	
15	QPSK	75	0	22.00	22.19	22.05	23.5	1.0	
15	16QAM	1	1	21.87	21.95	21.90			
15	64QAM	1	1	20.48	20.59	20.35			
	256QAM	1	1	19.10	19.04	19.07	20.0	4.5	
Channel				140800	141000	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711	(dBm)	(dB)	
10	QPSK	1	1	23.25	23.29	23.07	24.5	0.0	
Channel				140300	141000	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)	
5	QPSK	1	1	23.13	23.27	23.16	24.5	0.0	

n12_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	PI2 BPSK	1	1	23.19	23.30	23.22	24.5	0.0	
15	PI2 BPSK	1	40	23.11	23.25	23.19			
15	PI2 BPSK	1	77	23.30	23.31	23.17			
15	PI2 BPSK	36	0	22.77	22.83	22.74	24.0	0.5	
15	PI2 BPSK	36	22	23.17	23.32	23.31	24.5	0.0	
15	PI2 BPSK	36	43	22.65	22.77	22.64	24.0	0.5	
15	PI2 BPSK	75	0	22.66	22.80	22.67			
15	QPSK	1	1	23.30	23.36	23.24			
15	QPSK	1	40	23.26	23.28	23.19	24.5	0.0	
15	QPSK	1	77	23.18	23.30	23.20	23.5	1.0	
15	QPSK	36	0	22.09	22.12	22.00			
15	QPSK	36	22	23.26	23.30	23.24			
15	QPSK	36	43	22.14	22.18	22.12	23.5	1.0	
15	QPSK	75	0	22.10	22.20	22.12	23.5	1.0	
15	16QAM	1	1	21.97	22.10	22.02			
15	64QAM	1	1	20.59	20.60	20.48			
	256QAM	1	1	19.12	19.18	19.16	20.0	4.5	
Channel				140800	141000	142200	Tune-up limit	MPR	
Frequency (MHz)				704	707.5	711	(dBm)	(dB)	
10	QPSK	1	1	23.25	23.29	23.16	24.5	0.0	
Channel				140300	141000	142700	Tune-up limit	MPR	
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)	
5	QPSK	1	1	23.17	23.29	23.23	24.5	0.0	

n66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
30	PI2 BPSK	1	1	23.15	23.26	23.16	24.5	0.0
30	PI2 BPSK	1	80	23.17	23.20	23.19		
30	PI2 BPSK	1	156	23.11	23.22	23.10		
30	PI2 BPSK	80	0	22.89	22.75	22.67	24.0	0.5
30	PI2 BPSK	80	40	23.20	23.25	23.23	24.5	0.0
30	PI2 BPSK	80	80	22.65	22.73	22.65	24.0	0.5
30	PI2 BPSK	160	0	22.80	22.66	22.54		
30	QPSK	1	1	23.20	23.30	23.24	24.5	0.0
30	QPSK	1	80	23.19	23.25	23.12		
30	QPSK	1	156	23.17	23.21	23.17		
30	QPSK	80	0	22.16	22.22	22.21	23.5	1.0
30	QPSK	80	40	23.09	23.23	23.22	24.5	0.0
30	QPSK	80	80	22.19	22.24	22.20	23.5	1.0
30	QPSK	160	0	22.06	22.20	22.15	22.0	2.5
30	16QAM	1	1	21.80	21.80	21.86		
30	64QAM	1	1	20.37	20.48	20.47		
30	256QAM	1	1	18.02	18.05	18.96	20.0	4.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.08	23.19	23.10	24.5	0.0
Channel				343000	349000	345000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.11	23.22	23.16	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.07	23.28	23.23	24.5	0.0
Channel				342000	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.08	23.18	23.18	24.5	0.0

n66_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1769		
30	PI2 BPSK	1	1	23.01	23.22	23.10	24.5	0.0
30	PI2 BPSK	1	80	23.04	23.16	23.16		
30	PI2 BPSK	1	156	23.02	23.19	23.04		
30	PI2 BPSK	80	0	22.66	22.61	22.59	24.0	0.5
30	PI2 BPSK	80	40	23.18	23.22	23.11	24.5	0.0
30	PI2 BPSK	80	80	22.58	22.61	22.57	24.0	0.5
30	PI2 BPSK	160	0	22.49	22.56	22.52		
30	QPSK	1	1	23.17	23.27	23.12	24.5	0.0
30	QPSK	1	80	23.15	23.21	23.08		
30	QPSK	1	156	23.08	23.19	23.06		
30	QPSK	80	0	22.15	22.17	22.20	23.5	1.0
30	QPSK	80	40	23.05	23.21	23.13	24.5	0.0
30	QPSK	80	80	22.09	22.12	22.18	23.5	1.0
30	QPSK	160	0	21.98	22.15	22.11	23.5	1.0
30	16QAM	1	1	21.76	21.89	21.82		
30	64QAM	1	1	20.27	20.34	20.43		
30	256QAM	1	1	18.92	18.95	18.94	20.0	4.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.10	23.14	23.10	24.5	0.0
Channel				343000	349000	345000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.02	23.24	23.04	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.15	23.22	23.05	24.5	0.0
Channel				342000	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.10	23.14	22.97	24.5	0.0

n66_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1769		
30	PI2 BPSK	1	1	22.81	22.90	22.76	24.5	0.0
30	PI2 BPSK	1	80	22.86	22.87	22.83		
30	PI2 BPSK	1	156	22.70	22.85	22.80		
30	PI2 BPSK	80	0	22.39	22.45	22.38	24.0	0.5
30	PI2 BPSK	80	40	22.85	22.89	22.86	24.5	0.0
30	PI2 BPSK	80	80	22.34	22.42	22.29	24.0	0.5
30	PI2 BPSK	160	0	22.23	22.38	22.24		
30	QPSK	1	1	22.89	22.95	22.63	24.5	0.0
30	QPSK	1	80	22.86	22.90	22.76		
30	QPSK	1	156	22.80	22.86	22.77		
30	QPSK	80	0	21.94	21.96	21.91	23.5	1.0
30	QPSK	80	40	22.75	22.90	22.79	24.5	0.0
30	QPSK	80	80	21.91	21.92	21.87	23.5	1.0
30	QPSK	160	0	21.80	21.90	21.87		
30	16QAM	1	1	21.82	21.70	21.56	23.5	1.0
30	64QAM	1	1	20.17	20.31	20.25	22.0	2.5
30	256QAM	1	1	18.81	18.83	18.79	20.0	4.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	22.72	22.82	22.64	24.5	0.0
Channel				343000	349000	345000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	22.78	22.82	22.76	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	22.85	22.92	22.81	24.5	0.0
Channel				342000	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	22.77	22.83	22.74	24.5	0.0

n71_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				134100	136100	138100			
Frequency (MHz)				670.5	680.5	680.5			
15	PI2 BPSK	1	1	23.17	23.16	23.22	24.5	0.0	
15	PI2 BPSK	1	40	23.12	23.18	23.04			
15	PI2 BPSK	1	77	23.16	23.17	23.10			
15	PI2 BPSK	36	0	22.67	22.71	22.69	24.0	0.5	
15	PI2 BPSK	36	22	23.15	23.22	23.07	24.5	0.0	
15	PI2 BPSK	36	43	22.66	22.67	22.62	24.0	0.5	
15	PI2 BPSK	75	0	22.72	22.73	22.77			
15	QPSK	1	1	23.20	23.26	23.27			
15	QPSK	1	40	23.17	23.25	23.18	24.5	0.0	
15	QPSK	1	77	23.07	23.13	23.10	23.5	1.0	
15	QPSK	36	0	21.99	22.06	21.91			
15	QPSK	36	22	23.15	23.25	23.18			
15	QPSK	36	43	22.09	22.10	22.05	23.5	1.0	
15	QPSK	75	0	22.00	22.08	22.06	23.5	1.0	
15	16QAM	1	1	21.96	22.01	22.06			
15	64QAM	1	1	20.91	20.95	20.97			
15	256QAM	1	1	19.11	19.14	19.13	20.0	4.5	
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	660.5	663			
10	QPSK	1	1	23.18	23.19	23.25	24.5	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5 <th>660.5</th> <th>665.5</th> <th colspan="3"></th>	660.5	665.5			
5	QPSK	1	1	23.17	23.19	23.23	24.5	0.0	

n71_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134100	136100	138100			
Frequency (MHz)				670.5	680.5	690.5			
15	PI/2 BPSK	1	1	23.26	23.30	23.26	24.5	0.0	
15	PI/2 BPSK	1	40	23.18	23.21	23.13			
15	PI/2 BPSK	1	77	23.20	23.26	23.13			
15	PI/2 BPSK	36	0	22.77	22.83	22.69	24.0	0.5	
15	PI/2 BPSK	36	22	23.23	23.25	23.12	24.5	0.0	
15	PI/2 BPSK	36	43	22.74	22.78	22.67	24.0	0.5	
15	PI/2 BPSK	75	0	22.73	22.85	22.62			
15	QPSK	1	1	23.34	23.36	23.29			
15	QPSK	1	40	23.26	23.32	23.22	24.5	0.0	
15	QPSK	1	77	23.16	23.26	23.16	23.5	1.0	
15	QPSK	36	0	22.07	22.16	22.02			
15	QPSK	36	22	23.27	23.28	23.23			
15	QPSK	36	43	22.13	22.21	22.17	23.5	1.0	
15	QPSK	75	0	22.13	22.19	22.16	23.5	1.0	
15	16QAM	1	1	22.06	22.15	22.10			
15	64QAM	1	1	20.60	20.63	20.48			
15	256QAM	1	1	19.25	19.28	19.15	20.0	4.5	
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	660.5	663			
10	QPSK	1	1	23.31	23.29	23.27	24.5	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	660.5	665.5			
5	QPSK	1	1	23.30	23.29	23.19	24.5	0.0	

n38_Ant 1									
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turnup time (min)	APR (dB)	
Channel				51804	51805	51806			
Frequency (MHz)				2200.02	2205	2208.98			
40	PSS BPSK	1	1	22.82	22.81	22.87			
40	PSS BPSK	1	53	22.82	22.82	22.87	24.5	0.0	
40	PSS BPSK	1	104	22.82	22.84	22.84			
40	PSS BPSK	30	0	22.82	22.85	22.82	24.5	0.0	
40	PSS BPSK	30	26	22.82	22.87	22.82	24.5	0.0	
40	PSS BPSK	30	50	22.82	22.88	22.82			
40	PSS BPSK	30	0	22.82	22.84	22.87	24.0	0.5	
40	QPSK	1	1	22.82	22.85	22.82			
40	QPSK	1	53	22.85	22.83	22.82	24.5	0.0	
40	QPSK	1	104	22.83	22.85	22.82			
40	QPSK	30	0	21.83	21.88	21.88	20.5	1.0	
40	QPSK	30	26	22.76	22.83	22.77	24.5	0.0	
40	QPSK	30	50	22.81	22.87	22.81	20.5	1.0	
40	QPSK	100	0	21.81	21.85	21.86			
40	QPSK	1	1	21.82	21.82	21.82	24.5	1.0	
40	QPSK	1	1	20.85	20.88	20.82	22.5	2.0	
40	QPSK	1	1	18.25	18.42	18.32	20.0	4.0	
Channel				51804	51805	51806			
Frequency (MHz)				2200.01	2205	2208.99			
30	QPSK	1	1	22.85	22.84	22.87	24.5	0.0	
Channel				51804	51805	51806			
Frequency (MHz)				2200.01	2205	2208.99			
20	QPSK	1	1	22.82	22.82	22.87	24.0	0.0	

n38_Ant_2									
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turnup time (min)	APR (dB)	
Channel				51804	51805	51806			
Frequency (MHz)				2200.02	2205	2208.98			
40	PSS BPSK	1	1	18.85	18.72	18.72			
40	PSS BPSK	1	53	18.85	18.77	18.71	21.0	0.0	
40	PSS BPSK	1	104	18.85	18.79	18.75			
40	PSS BPSK	30	0	18.85	18.87	18.82	21.0	0.0	
40	PSS BPSK	30	26	18.82	18.87	18.75	21.0	0.0	
40	PSS BPSK	30	50	18.89	18.87	18.84			
40	PSS BPSK	100	0	18.82	18.71	18.82	21.0	0.0	
40	QPSK	1	1	18.84	18.88	18.75			
40	QPSK	1	53	18.87	18.87	18.71	21.0	0.0	
40	QPSK	1	104	18.82	18.76	18.84			
40	QPSK	30	0	18.84	18.88	18.75	20.0	0.0	
40	QPSK	30	26	18.85	18.72	18.75	21.0	0.0	
40	QPSK	30	50	18.89	18.76	18.71	21.0	0.0	
40	QPSK	100	0	18.82	18.75	18.74			
40	QPSK	1	1	18.82	18.87	18.75	24.0	0.0	
40	QPSK	1	1	18.85	18.76	18.74	21.0	0.0	
40	QPSK	1	1	16.81	16.89	16.85	20.0	1.0	
Channel				51804	51805	51806			
Frequency (MHz)				2200.01	2205	2208.99			
30	QPSK	1	1	18.86	18.73	18.72	20.0	0.0	
Channel				51804	51805	51806			
Frequency (MHz)				2200.01	2205	2208.99			
20	QPSK	1	1	18.82	18.88	18.87	21.0	0.0	

n38_Ant 4									
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turn-up time (min)	APR (dB)	
Channel				51804	51805	51806			
Frequency (MHz)				2200.02	2205	2208.98			
40	PSS BPSK	1	1	22.86	22.88	22.84			
40	PSS BPSK	1	53	22.75	22.85	22.88	24.5	0.0	
40	PSS BPSK	1	104	22.81	22.82	22.87			
40	PSS BPSK	30	0	22.87	22.87	22.84	24.0	0.0	
40	PSS BPSK	30	26	22.85	22.82	22.82	24.5	0.0	
40	PSS BPSK	30	50	22.81	22.45	22.38			
40	PSS BPSK	30	0	22.82	22.47	22.32	24.0	0.5	
40	QPSK	1	1	22.84	22.88	22.82			
40	QPSK	1	53	22.81	22.85	22.82	24.5	0.0	
40	QPSK	1	104	22.89	22.82	22.82			
40	QPSK	30	0	21.82	21.84	21.88	20.5	1.0	
40	QPSK	30	26	22.85	22.84	22.85	24.5	0.0	
40	QPSK	30	50	21.88	21.82	21.81	20.5	1.0	
40	QPSK	100	0	21.82	21.85	21.84			
40	QPSK	1	1	21.77	21.82	21.78	24.0	1.0	
40	QPSK	1	1	20.25	20.40	20.25	22.5	2.0	
40	QPSK	1	1	18.81	18.89	18.85	20.0	4.0	
Channel				51804	51805	51806			
Frequency (MHz)				2200.01	2205	2208.99			
30	QPSK	1	1	22.87	22.84	22.86	24.5	0.0	
Channel				51804	51805	51806			
Frequency (MHz)				2200.01	2205	2208.99			
20	QPSK	1	1	22.81	22.87	22.84	24.0	0.0	

Part27Q_n77_Ant 1									
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low Ch. F (MHz)	Power Max Ch. F (MHz)	Power High Ch. F (MHz)	Turn-up (m)	dBm (dB)	dBm (dB)
Channel									
Frequency (MHz)									
100	POL BPSK	1	1	21.28	21.32				
100	POL BPSK	1	137	21.24	21.28		22.0	0.0	
100	POL BPSK	1	271	21.19	21.23				
100	POL BPSK	136	0	21.22	21.26		22.0	0.0	
100	POL BPSK	136	36	21.24	21.28		22.0	0.0	
100	POL BPSK	136	138	21.18	21.22		22.0	0.0	
100	POL BPSK	270	0	21.21	21.25		22.0	0.0	
100	QPSK	1	1	21.27	21.31				
100	QPSK	1	137	21.23	21.27		22.0	0.0	
100	QPSK	1	271	21.24	21.28				
100	QPSK	136	0	21.22	21.26		22.0	0.0	
100	QPSK	136	40	21.26	21.30		22.0	0.0	
100	QPSK	136	138	21.18	21.22		22.0	0.0	
100	QPSK	270	0	21.21	21.25		22.0	0.0	
100	SSB	1	1	21.25	21.29		22.0	0.0	
100	SSB	1	1	18.47	18.51		22.0	1.0	
100	2DQPSK	1	1	18.41	18.45		18.5	3.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.27	21.18	21.14	22.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.18	21.24	21.27	22.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.24	21.14	21.18	22.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.14	21.18	21.24	22.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.18	21.14	21.18	22.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.14	21.18	21.14	22.0	0.0	

Part27Q_n77_Ant 1									
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low Ch. F (MHz)	Power Max Ch. F (MHz)	Power High Ch. F (MHz)	Turn-up (m)	dBm (dB)	dBm (dB)
Channel									
Frequency (MHz)									
100	POL BPSK	1	1	21.25	21.17	21.15			
100	POL BPSK	1	137	21.23	21.15	21.15	22.0	0.0	
100	POL BPSK	1	271	21.27	21.21	21.15			
100	POL BPSK	136	0	21.22	21.16	21.15	22.0	0.0	
100	POL BPSK	136	36	21.25	21.29	21.15	22.0	0.0	
100	POL BPSK	136	138	21.27	21.17	21.15	22.0	0.0	
100	POL BPSK	270	0	21.23	21.17	21.15			
100	QPSK	1	1	21.25	21.22	21.15			
100	QPSK	1	137	21.23	21.28	21.22	22.0	0.0	
100	QPSK	1	271	21.27	21.15	21.15			
100	QPSK	136	0	21.22	21.22	21.15	22.0	0.0	
100	QPSK	136	40	21.26	21.22	21.15	22.0	0.0	
100	QPSK	136	138	21.27	21.28	21.15	22.0	0.0	
100	QPSK	270	0	21.23	21.25	21.15	22.0	0.0	
100	SSB	1	1	21.27	21.25	21.15	22.0	0.0	
100	SSB	1	1	18.49	18.25	18.15	22.0	1.0	
100	2DQPSK	1	1	18.41	18.17	18.05	18.5	3.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.05	21.08	20.97	22.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.19	21.14	21.05	22.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.14	21.14	21.05	22.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.14	21.14	21.05	22.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.18	21.18	21.05	22.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.18	21.18	21.05	22.0	0.0	

Part27Q_n77_Ant 3									
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low Ch. F (MHz)	Power Max Ch. F (MHz)	Power High Ch. F (MHz)	Turn-up (m)	dBm (dB)	dBm (dB)
Channel									
Frequency (MHz)									
100	POL BPSK	1	1	20.94	20.94				
100	POL BPSK	1	137	20.94	20.94		21.5	0.0	
100	POL BPSK	1	271	20.93	20.93				
100	POL BPSK	136	0	20.93	20.93		21.5	0.0	
100	POL BPSK	136	36	20.94	20.94		21.5	0.0	
100	POL BPSK	136	138	20.94	20.94		21.5	0.0	
100	POL BPSK	270	0	20.93	20.93		21.5	0.0	
100	QPSK	1	1	20.95	20.95				
100	QPSK	1	137	20.94	20.95	20.95	21.5	0.0	
100	QPSK	1	271	20.92	20.92				
100	QPSK	136	0	20.93	20.93		21.5	0.0	
100	QPSK	136	40	20.95	20.95		21.5	0.0	
100	QPSK	136	138	20.94	20.94		21.5	0.0	
100	QPSK	270	0	20.93	20.93		21.5	0.0	
100	SSB	1	1	20.94	20.94		21.5	0.0	
100	SSB	1	1	18.48	18.48		20.5	1.0	
100	2DQPSK	1	1	18.40	18.40		18.5	3.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.97	20.91	20.91	21.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.94	20.94	20.91	21.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.94	20.94	20.91	21.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.94	20.94	20.91	21.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.94	20.94	20.91	21.5	0.0	

Part27Q_n77_Ant_3									
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low Ch. F (MHz)	Power Max Ch. F (MHz)	Power High Ch. F (MHz)	Turn-up (m)	dBm (dB)	dBm (dB)
Channel									
Frequency (MHz)									
100	POL BPSK	1	1	20.93	20.93	20.94			
100	POL BPSK	1	137	20.94	20.93	20.94	21.5	0.0	
100	POL BPSK	1	271	20.93	20.93	20.94			
100	POL BPSK	136	0	20.93	20.93	20.94	21.5	0.0	
100	POL BPSK	136	36	20.93	20.93	20.94	21.5	0.0	
100	POL BPSK	136	138	20.94	20.93	20.94	21.5	0.0	
100	POL BPSK	270	0	20.93	20.93	20.94	21.5	0.0	
100	QPSK	1	1	20.94	20.94	20.94			
100	QPSK	1	137	20.93	20.93	20.94	21.5	0.0	
100	QPSK	1	271	20.94	20.93	20.94			
100	QPSK	136	0	20.93	20.93	20.94	21.5	0.0	
100	QPSK	136	40	20.94	20.93	20.94	21.5	0.0	
100	QPSK	136	138	20.93	20.93	20.94	21.5	0.0	
100	QPSK	270	0	20.93	20.93	20.94	21.5	0.0	
100	SSB	1	1	20.94	20.94	20.94	21.5	0.0	
100	SSB	1	1	18.22	18.24	18.25	20.5	1.0	
100	2DQPSK	1	1	18.22	18.24	18.25	18.5	3.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.97	20.92	20.94	21.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.94	20.94	20.91	21.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.94	20.93	20.93	21.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.98	20.94	20.94	21.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.94	20.94	20.96	21.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.98	20.94	20.94	21.5	0.0	

[illegible]

Reduced Power Mode for ECI 18

n2_Ant 1							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	MPR (dB)
Channel							
Frequency (MHz)							
20	PI2 BPSK	1	1	23.09	23.12	23.11	24.5
20	PI2 BPSK	1	53	22.99	23.08	23.06	
20	PI2 BPSK	1	104	23.00	23.14	23.04	
20	PI2 BPSK	50	0	22.87	22.86	22.57	24.0
20	PI2 BPSK	50	28	22.94	23.06	23.00	24.5
20	PI2 BPSK	50	56	22.80	22.86	22.53	24.0
20	PI2 BPSK	100	0	22.09	22.82	22.52	
20	QPSK	1	1	23.09	23.15	23.13	
20	QPSK	1	53	23.06	23.12	23.08	24.5
20	QPSK	1	104	23.01	23.13	23.11	
20	QPSK	50	0	21.94	22.06	21.96	23.5
20	QPSK	50	28	22.97	23.08	23.01	24.5
20	QPSK	50	56	22.02	22.11	22.01	23.5
20	QPSK	100	0	21.96	22.05	21.93	23.5
20	16QAM	1	1	21.87	21.70	21.63	23.5
20	64QAM	1	1	20.24	20.33	20.30	22.0
20	256QAM	1	1	18.82	18.88	18.87	20.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	22.97	23.06	23.02	24.5
Channel							
Frequency (MHz)							
10	QPSK	1	1	23.03	23.02	22.98	24.5
Channel							
Frequency (MHz)							
5	QPSK	1	1	22.97	23.12	23.03	24.5

n2_Ant 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	MPR (dB)
Channel							
Frequency (MHz)							
20	PI2 BPSK	1	1	22.68	22.70	22.68	24.5
20	PI2 BPSK	1	53	22.68	22.64	22.53	
20	PI2 BPSK	1	104	22.71	22.75	22.67	
20	PI2 BPSK	50	0	22.21	22.21	22.05	24.0
20	PI2 BPSK	50	28	22.58	22.66	22.85	24.5
20	PI2 BPSK	50	56	22.05	22.25	22.17	24.0
20	PI2 BPSK	100	0	22.24	22.19	22.15	
20	QPSK	1	1	22.67	22.65	22.79	
20	QPSK	1	53	22.67	22.78	22.68	24.5
20	QPSK	1	104	22.74	22.82	22.71	
20	QPSK	50	0	21.56	21.63	21.56	23.5
20	QPSK	50	28	22.50	22.62	22.57	24.5
20	QPSK	50	56	21.70	21.68	21.76	23.5
20	QPSK	100	0	21.63	21.78	21.69	23.5
20	16QAM	1	1	21.55	21.58	21.53	23.5
20	64QAM	1	1	20.05	20.10	20.02	22.0
20	256QAM	1	1	18.49	18.57	18.63	20.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	22.86	22.88	22.84	24.5
Channel							
Frequency (MHz)							
10	QPSK	1	1	22.74	22.78	22.66	24.5
Channel							
Frequency (MHz)							
5	QPSK	1	1	22.83	22.82	22.75	24.5

n2_Ant 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	MPR (dB)
Channel							
Frequency (MHz)							
20	PI2 BPSK	1	1	22.02	22.16	22.02	23.5
20	PI2 BPSK	1	53	21.99	22.04	22.09	
20	PI2 BPSK	1	104	22.04	22.04	22.05	
20	PI2 BPSK	50	0	22.11	22.09	21.96	23.5
20	PI2 BPSK	50	28	21.97	22.04	22.05	23.5
20	PI2 BPSK	50	56	22.05	22.13	22.05	23.5
20	PI2 BPSK	100	0	22.10	22.04	21.97	
20	QPSK	1	1	22.12	22.18	22.10	
20	QPSK	1	53	22.08	22.09	22.06	23.5
20	QPSK	1	104	22.05	22.13	21.97	
20	QPSK	50	0	22.09	22.10	21.97	23.5
20	QPSK	50	28	22.10	22.12	22.07	23.5
20	QPSK	50	56	21.96	22.00	22.02	23.5
20	QPSK	100	0	21.81	21.95	21.93	23.5
20	16QAM	1	1	21.72	21.76	21.69	23.5
20	64QAM	1	1	20.09	20.19	20.10	22.0
20	256QAM	1	1	18.55	18.70	18.63	20.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	22.06	22.16	22.05	23.5
Channel							
Frequency (MHz)							
10	QPSK	1	1	22.04	22.05	22.07	23.5
Channel							
Frequency (MHz)							
5	QPSK	1	1	21.97	22.15	22.03	23.5

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				166500	167300	167900		
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	23.44	23.52	23.47	25.0	0.0
20	PI2 BPSK	1	53	23.49	23.66	23.66		
20	PI2 BPSK	1	104	23.43	23.55	23.52		
20	PI2 BPSK	50	0	23.03	23.19	23.14	24.5	0.5
20	PI2 BPSK	50	28	23.34	23.52	23.39	25.0	0.0
20	PI2 BPSK	50	56	22.99	23.08	22.95	24.5	0.5
20	PI2 BPSK	100	0	22.91	23.03	22.94		
20	QPSK	1	1	23.61	23.70	23.61		
20	QPSK	1	53	23.36	23.56	23.56	25.0	0.0
20	QPSK	1	104	23.45	23.59	23.58	24.0	1.0
20	QPSK	50	0	22.56	22.71	22.59		
20	QPSK	50	28	23.46	23.62	23.49		
20	QPSK	50	56	22.30	22.49	22.28	24.0	1.0
20	QPSK	100	0	22.36	22.57	22.42	24.0	1.0
20	16QAM	1	1	22.36	22.53	22.45		
20	64QAM	1	1	21.00	21.00	20.94		
20	256QAM	1	1	19.42	19.53	19.31	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.50	23.66	23.46	25.0	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.59	23.55	23.57	25.0	0.0
Channel				167200	167300	167300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.58	23.60	23.51	25.0	0.0

n5_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167900		
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	23.42	23.48	23.39	25.0	0.0
20	PI2 BPSK	1	53	23.42	23.53	23.51		
20	PI2 BPSK	1	104	23.38	23.50	23.48		
20	PI2 BPSK	50	0	22.96	23.06	23.04	24.5	0.5
20	PI2 BPSK	50	28	23.31	23.46	23.32	25.0	0.0
20	PI2 BPSK	50	56	22.91	23.00	22.85	24.5	0.5
20	PI2 BPSK	100	0	22.87	23.02	22.91		
20	QPSK	1	1	23.51	23.56	23.55		
20	QPSK	1	53	23.36	23.36	23.46	25.0	0.0
20	QPSK	1	104	23.44	23.53	23.50	24.0	1.0
20	QPSK	50	0	22.48	22.57	22.52		
20	QPSK	50	28	23.39	23.52	23.42		
20	QPSK	50	56	22.24	22.36	22.24	24.0	1.0
20	QPSK	100	0	22.36	22.45	22.35	24.0	1.0
20	16QAM	1	1	22.31	22.38	22.37		
20	64QAM	1	1	20.89	20.96	20.89	22.5	2.5
20	256QAM	1	1	19.39	19.42	19.27	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.45	23.55	23.53	25.0	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.50	23.42	23.41	25.0	0.0
Channel				167200	167300	167300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.41	23.49	23.51	25.0	0.0

n7_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				50200	50700	51200		
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	22.06	22.07	21.98	23.5	0.0
20	PI2 BPSK	1	53	22.03	22.05	22.02		
20	PI2 BPSK	1	104	22.04	22.09	22.01		
20	PI2 BPSK	50	0	21.97	22.14	22.04	23.5	0.0
20	PI2 BPSK	50	28	21.98	22.06	21.92	23.5	0.0
20	PI2 BPSK	50	56	22.07	22.01	21.97	23.5	0.0
20	PI2 BPSK	100	0	21.98	22.06	21.92	23.5	0.0
20	QPSK	1	1	22.10	22.15	22.07		
20	QPSK	1	53	21.96	22.14	21.97		
20	QPSK	1	104	22.03	22.11	21.96		
20	QPSK	50	0	21.87	21.97	21.82	23.5	0.0
20	QPSK	50	28	21.99	22.05	22.00	23.5	0.0
20	QPSK	50	56	21.85	21.99	21.85	23.5	0.0
20	QPSK	100	0	21.86	22.00	21.94	23.5	0.0
20	16QAM	1	1	21.55	21.70	21.58	23.5	0.0
20	64QAM	1	1	20.19	20.20	20.10	22.0	1.5
20	256QAM	1	1	18.63	18.66	18.59	20.0	3.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2515	2522.5		
15	QPSK	1	1	22.03	22.08	22.04	23.5	0.0
Channel				501800	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.08	22.12	22.03	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.09	22.14	21.96	23.5	0.0

n7_Ant 2

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	18.45	18.55	18.36	20.0	0.0
20	PI2 BPSK	1	53	18.45	18.45	18.43		
20	PI2 BPSK	1	104	18.63	18.55	18.43		
20	PI2 BPSK	50	0	18.46	18.41	18.35	20.0	0.0
20	PI2 BPSK	50	28	18.48	18.57	18.44	20.0	0.0
20	PI2 BPSK	50	56	18.48	18.55	18.41	20.0	0.0
20	PI2 BPSK	100	0	18.53	18.47	18.50		
20	QPSK	1	1	18.69	18.63	18.60		
20	QPSK	1	53	18.46	18.48	18.57	20.0	0.0
20	QPSK	1	104	18.53	18.55	18.45		
20	QPSK	50	0	18.52	18.45	18.37		
20	QPSK	50	28	18.57	18.61	18.53	20.0	0.0
20	QPSK	50	56	18.60	18.59	18.51	20.0	0.0
20	QPSK	100	0	18.56	18.58	18.45	20.0	0.0
20	16QAM	1	1	18.54	18.45	18.44	20.0	0.0
20	64QAM	1	1	18.50	18.54	18.45	20.0	0.0
20	256QAM	1	1	18.44	18.61	18.41	20.0	0.0
Channel				501000	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2515	2522.5		
15	QPSK	1	1	18.50	18.51	18.45	20.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.44	18.54	18.43	20.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.51	18.57	18.43	20.0	0.0

n7_Ant 4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				50200	50700	51200		
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	23.00	23.02	22.93	24.5	0.0
20	PI2 BPSK	1	53	22.82	22.97	22.96		
20	PI2 BPSK	1	104	22.89	22.95	22.82		
20	PI2 BPSK	50	0	22.91	22.96	22.92	24.0	0.5
20	PI2 BPSK	50	28	22.86	23.00	22.95	24.5	0.0
20	PI2 BPSK	50	56	22.92	22.80	22.48	24.0	0.5
20	PI2 BPSK	100	0	22.46	22.92	22.43		
20	QPSK	1	1	22.98	23.05	23.02		
20	QPSK	1	53	22.89	23.02	22.88	24.5	0.0
20	QPSK	1	104	22.86	23.00	22.93		
20	QPSK	50	0	22.02	22.10	22.06	23.5	1.0
20	QPSK	50	28	22.92	22.98	22.95	24.5	0.0
20	QPSK	50	56	22.00	22.07	22.02	23.5	1.0
20	QPSK	100	0	21.92	21.99	21.95	23.5	1.0
20	16QAM	1	1	21.72	21.79	21.77		
20	64QAM	1	1	20.34	20.35	20.29		
20	256QAM	1	1	18.83	18.88	18.77	20.0	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2515	2522.5		
15	QPSK	1	1	22.83	23.03	22.97	24.5	0.0
Channel				501800	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.94	22.92	23.00	24.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.93	22.97	22.98	24.5	0.0

n12_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq	Power Middle Ch. Freq	Power High Ch. Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	PI2 BPSK	1	1	23.11	23.27	23.10	24.5	0.0	
15	PI2 BPSK	1	40	23.05	23.17	23.07			
15	PI2 BPSK	1	77	23.28	23.20	23.12			
15	PI2 BPSK	36	0	22.62	22.70	22.60	24.0	0.5	
15	PI2 BPSK	36	22	23.05	23.18	23.29			
15	PI2 BPSK	36	43	22.59	22.74	22.49			
15	PI2 BPSK	75	0	22.58	22.73	22.59	24.0	0.5	
15	QPSK	1	1	23.25	23.30	23.21			
15	QPSK	1	40	23.20	23.10	23.08			
15	QPSK	1	77	23.15	23.16	23.16	24.5	0.0	
15	QPSK	36	0	22.07	22.06	22.00			
15	QPSK	36	22	23.25	23.23	23.18			
15	QPSK	36	43	22.09	22.08	22.05	23.5	1.0	
15	QPSK	75	0	22.00	22.19	22.09			
15	16QAM	1	1	21.87	21.95	21.90		23.5	
15	16QAM	1	1	20.48	20.59	20.38			
15	256QAM	1	1	19.10	19.04	19.07		20.0	
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	23.25	23.29	23.07	24.5	0.0	
Channel				140300	141500	142700			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	23.13	23.27	23.16	24.5	0.0	

n12_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq	Power Middle Ch. Freq	Power High Ch. Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	PI2 BPSK	1	1	23.19	23.30	23.22	24.5	0.0	
15	PI2 BPSK	1	40	23.11	23.25	23.19			
15	PI2 BPSK	1	77	23.30	23.31	23.17			
15	PI2 BPSK	36	0	22.77	22.83	22.74	24.0	0.5	
15	PI2 BPSK	36	22	23.17	23.32	23.31			
15	PI2 BPSK	36	43	22.65	22.77	22.64			
15	PI2 BPSK	75	0	22.66	22.80	22.67	24.0	0.5	
15	QPSK	1	1	23.25	23.36	23.24			
15	QPSK	1	40	23.26	23.26	23.19			
15	QPSK	1	77	23.18	23.30	23.20	24.5	0.0	
15	QPSK	36	0	22.09	22.12	22.09			
15	QPSK	36	22	23.25	23.30	23.24			
15	QPSK	36	43	22.14	22.18	22.12	23.5	1.0	
15	QPSK	75	0	22.10	22.20	22.12			
15	16QAM	1	1	21.97	22.10	22.02		23.5	
15	16QAM	1	1	20.59	20.60	20.48			
15	256QAM	1	1	19.12	19.18	19.16		20.0	
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	23.25	23.29	23.16	24.5	0.0	
Channel				140300	141500	142700			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	23.17	23.29	23.23	24.5	0.0	

n66_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765			
30	PI/2 BPSK	1	1	23.15	23.26	23.16		24.5	
30	PI/2 BPSK	1	80	23.17	23.20	23.19			
30	PI/2 BPSK	1	158	23.11	23.22	23.10			
30	PI/2 BPSK	80	0	22.89	22.75	22.87	24.0	0.0	
30	PI/2 BPSK	80	40	23.20	23.25	23.23	24.5	0.0	
30	PI/2 BPSK	80	80	22.85	22.73	22.85	24.0	0.0	
30	PI/2 BPSK	160	0	22.80	22.86	22.54	24.0	0.0	
30	QPSK	1	1	23.20	23.30	23.24	24.5	0.0	
30	QPSK	1	80	23.19	23.26	23.12			
30	QPSK	1	158	23.17	23.21	23.17			
30	QPSK	80	0	22.16	22.22	22.21	23.5	1.0	
30	QPSK	80	40	23.09	23.23	23.22	24.5	0.0	
30	QPSK	80	80	22.19	22.24	22.20	23.5	1.0	
30	QPSK	160	0	22.05	22.20	22.15	23.5	1.0	
30	16QAM	1	1	21.80	21.80	21.86	23.5	1.0	
30	64QAM	1	1	20.37	20.48	20.47	22.0	2.5	
30	256QAM	1	1	19.02	19.05	18.96	20.0	4.5	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.08	23.19	23.16	24.5	0.0	
Channel				343800	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	23.11	23.22	23.16	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.07	23.28	23.23	24.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	23.08	23.18	23.18	24.5	0.0	

n66_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765			
30	PI/2 BPSK	1	1	23.01	23.22	23.10		24.5	
30	PI/2 BPSK	1	80	23.04	23.16	23.16			
30	PI/2 BPSK	1	158	23.02	23.19	23.04			
30	PI/2 BPSK	80	0	22.96	22.81	22.99	24.0	0.0	
30	PI/2 BPSK	80	40	23.18	23.22	23.11	24.5	0.0	
30	PI/2 BPSK	80	80	22.98	22.81	22.87	24.0	0.0	
30	PI/2 BPSK	160	0	22.49	22.56	22.82	24.0	0.0	
30	QPSK	1	1	23.17	23.27	23.12	24.5	0.0	
30	QPSK	1	80	23.16	23.21	23.08			
30	QPSK	1	158	23.08	23.18	23.08			
30	QPSK	80	0	22.15	22.17	22.20	23.5	1.0	
30	QPSK	80	40	23.05	23.21	23.13	24.5	0.0	
30	QPSK	80	80	22.09	22.12	22.18	23.5	1.0	
30	QPSK	160	0	21.98	22.19	22.11	23.5	1.0	
30	16QAM	1	1	21.76	21.85	21.82	23.5	1.0	
30	64QAM	1	1	20.27	20.34	20.43	22.0	2.5	
30	256QAM	1	1	18.92	18.96	18.84	20.0	4.5	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722	1745	1769			
20	QPSK	1	1	23.10	23.14	23.10	24.5	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	23.02	23.24	23.04	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.15	23.22	23.05	24.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	23.10	23.14	23.07	24.5	0.0	

n66_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765			
30	PI/2 BPSK	1	1	22.81	22.80	22.76		24.5	
30	PI/2 BPSK	1	80	22.86	22.87	22.83			
30	PI/2 BPSK	1	158	22.70	22.85	22.80			
30	PI/2 BPSK	80	0	22.36	22.45	22.36	24.0	0.0	
30	PI/2 BPSK	80	40	22.85	22.88	22.80	24.5	0.0	
30	PI/2 BPSK	80	80	22.34	22.42	22.29	24.0	0.0	
30	PI/2 BPSK	160	0	22.23	22.38	22.24	24.0	0.0	
30	QPSK	1	1	22.89	22.93	22.83	24.5	0.0	
30	QPSK	1	80	22.85	22.90	22.76			
30	QPSK	1	158	22.83	22.88	22.77			
30	QPSK	80	0	21.84	21.96	21.91	23.5	1.0	
30	QPSK	80	40	22.75	22.90	22.75	24.5	0.0	
30	QPSK	80	80	21.91	21.92	21.87	23.5	1.0	
30	QPSK	160	0	21.80	21.90	21.87	23.5	1.0	
30	16QAM	1	1	21.62	21.70	21.56	23.5	1.0	
30	64QAM	1	1	20.17	20.31	20.26	22.0	2.5	
30	256QAM	1	1	18.81	18.83	18.79	20.0	4.5	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.72	22.82	22.68	24.5	0.0	
Channel				343800	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	22.78	22.82	22.76	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	22.85	22.92	22.81	24.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	22.77	22.83	22.74	24.5	0.0	

n71_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				134100	136100	138100	24.5	0.0
Frequency (MHz)				670.5	680.5	690.5		
15	PI/2 BPSK	1	1	23.17	23.16	23.22	24.5	0.0
15	PI/2 BPSK	1	40	23.12	23.18	23.04		
15	PI/2 BPSK	1	77	23.16	23.17	23.10		
15	PI/2 BPSK	36	0	22.67	22.71	22.59		
15	PI/2 BPSK	36	22	23.15	23.22	23.07	24.5	0.0
15	PI/2 BPSK	36	43	22.66	22.67	22.62	24.0	0.5
15	PI/2 BPSK	75	0	22.72	22.73	22.77		
15	QPSK	1	1	23.25	23.28	23.27		
15	QPSK	1	40	23.17	23.25	23.16		
15	QPSK	1	77	23.07	23.13	23.10	24.5	0.0
15	QPSK	36	0	21.99	22.06	21.91	23.5	1.0
15	QPSK	36	22	23.19	23.25	23.16	24.5	0.0
15	QPSK	36	43	22.69	22.10	22.05	23.5	1.0
15	QPSK	75	0	22.00	22.06	22.06	23.5	1.0
15	16QAM	1	1	21.96	22.01	22.05	23.5	1.0
15	64QAM	1	1	20.91	20.95	20.97	22.0	2.5
15	256QAM	1	1	19.11	19.14	19.13	20.0	4.5
Channel				133600	136100	136600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				666	669.5	669	24.5	0.0
10	QPSK	1	1	23.16	23.19	23.25	24.5	0.0
Channel				133100	136100	136100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	660.5	666.5	24.5	0.0
5	QPSK	1	1	23.17	23.19	23.23	24.5	0.0

n71_Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				134100	136100	138100	24.5	0.0
Frequency (MHz)				670.5	680.5	690.5		
15	PI/2 BPSK	1	1	23.26	23.30	23.26	24.5	0.0
15	PI/2 BPSK	1	40	23.16	23.21	23.13		
15	PI/2 BPSK	1	77	23.20	23.26	23.13		
15	PI/2 BPSK	36	0	22.77	22.81	22.69		
15	PI/2 BPSK	36	22	23.23	23.25	23.12	24.5	0.0
15	PI/2 BPSK	36	43	22.74	22.78	22.67	24.0	0.5
15	PI/2 BPSK	75	0	22.73	22.85	22.62		
15	QPSK	1	1	23.34	23.35	23.25		
15	QPSK	1	40	23.26	23.32	23.22		
15	QPSK	1	77	23.16	23.28	23.16	24.5	0.0
15	QPSK	36	0	22.07	22.16	22.02	23.5	1.0
15	QPSK	36	22	23.27	23.28	23.23	24.5	0.0
15	QPSK	36	43	22.13	22.21	22.17	23.5	1.0
15	QPSK	75	0	22.13	22.16	22.16	23.5	1.0
15	16QAM	1	1	22.06	22.15	22.10	23.5	1.0
15	64QAM	1	1	20.60	20.63	20.48	22.0	2.5
15	256QAM	1	1	19.25	19.28	19.15	20.0	4.5
Channel				133600	136100	136600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				666	669.5	669	24.5	0.0
10	QPSK	1	1	23.31	23.28	23.27	24.5	0.0
Channel				133100	136100	136100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	660.5	666.5	24.5	0.0
5	QPSK	1	1	23.30	23.20	23.19	24.5	0.0

n38_Ant 4							
SW (MHz)	Modulation	RF Size	RF Offset	Power Fwd (mW)	Power Rcvd (mW)	Power Fwd (mW)	Time-on-Air (s)
Channel							
				500000	510000	510000	
40	PSS2 BPSK	1	1	23.00	23.00	23.00	
40	PSS2 BPSK	1	33	22.97	22.97	22.99	24.0
40	PSS2 BPSK	1	53	22.97	22.97	22.99	24.0
40	PSS2 BPSK	50	9	22.97	22.97	22.99	24.0
40	PSS2 BPSK	50	29	22.99	22.99	22.99	24.0
40	PSS2 BPSK	50	49	22.99	22.99	22.99	24.0
40	CPFSK	1	53	23.00	23.00	23.00	24.0
40	CPFSK	1	73	23.00	23.00	23.00	24.0
40	CPFSK	1	93	23.00	23.00	23.00	24.0
40	CPFSK	1	113	23.00	23.00	23.00	24.0
40	CPFSK	50	1	23.00	23.00	23.00	24.0
40	CPFSK	50	31	23.00	23.00	23.00	24.0
40	CPFSK	50	51	23.00	23.00	23.00	24.0
40	CPFSK	50	71	23.00	23.00	23.00	24.0
40	CPFSK	50	91	23.00	23.00	23.00	24.0
40	CPFSK	50	111	23.00	23.00	23.00	24.0
40	CPFSK	50	131	23.00	23.00	23.00	24.0
40	CPFSK	50	151	23.00	23.00	23.00	24.0
40	CPFSK	50	171	23.00	23.00	23.00	24.0
40	CPFSK	50	191	23.00	23.00	23.00	24.0
40	CPFSK	50	211	23.00	23.00	23.00	24.0
40	CPFSK	50	231	23.00	23.00	23.00	24.0
40	CPFSK	50	251	23.00	23.00	23.00	24.0
40	CPFSK	50	271	23.00	23.00	23.00	24.0
40	CPFSK	50	291	23.00	23.00	23.00	24.0
40	CPFSK	50	311	23.00	23.00	23.00	24.0
40	CPFSK	50	331	23.00	23.00	23.00	24.0
40	CPFSK	50	351	23.00	23.00	23.00	24.0
40	CPFSK	50	371	23.00	23.00	23.00	24.0
40	CPFSK	50	391	23.00	23.00	23.00	24.0
40	CPFSK	50	411	23.00	23.00	23.00	24.0
40	CPFSK	50	431	23.00	23.00	23.00	24.0
40	CPFSK	50	451	23.00	23.00	23.00	24.0
40	CPFSK	50	471	23.00	23.00	23.00	24.0
40	CPFSK	50	491	23.00	23.00	23.00	24.0
40	CPFSK	50	511	23.00	23.00	23.00	24.0
40	CPFSK	50	531	23.00	23.00	23.00	24.0
40	CPFSK	50	551	23.00	23.00	23.00	24.0
40	CPFSK	50	571	23.00	23.00	23.00	24.0
40	CPFSK	50	591	23.00	23.00	23.00	24.0
40	CPFSK	50	611	23.00	23.00	23.00	24.0
40	CPFSK	50	631	23.00	23.00	23.00	24.0
40	CPFSK	50	651	23.00	23.00	23.00	24.0
40	CPFSK	50	671	23.00	23.00	23.00	24.0
40	CPFSK	50	691	23.00	23.00	23.00	24.0
40	CPFSK	50	711	23.00	23.00	23.00	24.0
40	CPFSK	50	731	23.00	23.00	23.00	24.0
40	CPFSK	50	751	23.00	23.00	23.00	24.0
40	CPFSK	50	771	23.00	23.00	23.00	24.0
40	CPFSK	50	791	23.00	23.00	23.00	24.0
40	CPFSK	50	811	23.00	23.00	23.00	24.0
40	CPFSK	50	831	23.00	23.00	23.00	24.0
40	CPFSK	50	851	23.00	23.00	23.00	24.0
40	CPFSK	50	871	23.00	23.00	23.00	24.0
40	CPFSK	50	891	23.00	23.00	23.00	24.0
40	CPFSK	50	911	23.00	23.00	23.00	24.0
40	CPFSK	50	931	23.00	23.00	23.00	24.0
40	CPFSK	50	951	23.00	23.00	23.00	24.0
40	CPFSK	50	971	23.00	23.00	23.00	24.0
40	CPFSK	50	991	23.00	23.00	23.00	24.0
40	CPFSK	50	1011	23.00	23.00	23.00	24.0
40	CPFSK	50	1031	23.00	23.00	23.00	24.0
40	CPFSK	50	1051	23.00	23.00	23.00	24.0
40	CPFSK	50	1071	23.00	23.00	23.00	24.0
40	CPFSK	50	1091	23.00	23.00	23.00	24.0
40	CPFSK	50	1111	23.00	23.00	23.00	24.0
40	CPFSK	50	1131	23.00	23.00	23.00	24.0
40	CPFSK	50	1151	23.00	23.00	23.00	24.0
40	CPFSK	50	1171	23.00	23.00	23.00	24.0
40	CPFSK	50	1191	23.00	23.00	23.00	24.0
40	CPFSK	50	1211	23.00	23.00	23.00	24.0
40	CPFSK	50	1231	23.00	23.00	23.00	24.0
40	CPFSK	50	1251	23.00	23.00	23.00	24.0
40	CPFSK	50	1271	23.00	23.00	23.00	24.0
40	CPFSK	50	1291	23.00	23.00	23.00	24.0
40	CPFSK	50	1311	23.00	23.00	23.00	24.0
40	CPFSK	50	1331	23.00	23.00	23.00	24.0
40	CPFSK	50	1351	23.00	23.00	23.00	24.0
40	CPFSK	50	1371	23.00	23.00	23.00	24.0
40	CPFSK	50	1391	23.00	23.00	23.00	24.0
40	CPFSK	50	1411	23.00	23.00	23.00	24.0
40	CPFSK	50	1431	23.00	23.00	23.00	24.0
40	CPFSK	50	1451	23.00	23.00	23.00	24.0
40	CPFSK	50	1471	23.00	23.00	23.00	24.0
40	CPFSK	50	1491	23.00	23.00	23.00	24.0
40	CPFSK	50	1511	23.00	23.00	23.00	24.0
40	CPFSK	50	1531	23.00	23.00	23.00	24.0
40	CPFSK	50	1551	23.00	23.00	23.00	24.0
40	CPFSK	50	1571	23.00	23.00	23.00	24.0
40	CPFSK	50	1591	23.00	23.00	23.00	24.0
40	CPFSK	50	1611	23.00	23.00	23.00	24.0
40	CPFSK	50	1631	23.00	23.00	23.00	24.0
40	CPFSK	50	1651	23.00	23.00	23.00	24.0
40	CPFSK	50	1671	23.00	23.00	23.00	24.0
40	CPFSK	50	1691	23.00	23.00	23.00	24.0
40	CPFSK	50	1711	23.00	23.00	23.00	24.0
40	CPFSK	50	1731	23.00	23.00	23.00	24.0
40	CPFSK	50	1751	23.00	23.00	23.00	24.0
40	CPFSK	50	1771	23.00	23.00	23.00	24.0
40	CPFSK	50	1791	23.00	23.00	23.00	24.0
40	CPFSK	50	1811	23.00	23.00	23.00	24.0
40	CPFSK	50	1831	23.00	23.00	23.00	24.0
40	CPFSK	50	1851	23.00	23.00	23.00	24.0
40	CPFSK	50	1871	23.00	23.00	23.00	24.0
40	CPFSK	50	1891	23.00	23.00	23.00	24.0
40	CPFSK	50	1911	23.00	23.00	23.00	24.0
40	CPFSK	50	1931	23.00	23.00	23.00	24.0
40	CPFSK	50	1951	23.00	23.00	23.00	24.0
40	CPFSK	50	1971	23.00	23.00	23.00	24.0
40	CPFSK	50	1991	23.00	23.00	23.00	24.0
40	CPFSK	50	2011	23.00	23.00	23.00	24.0
40	CPFSK	50	2031	23.00	23.00	23.00	24.0
40	CPFSK	50	2051	23.00	23.00	23.00	24.0
40	CPFSK	50	2071	23.00	23.00	23.00	24.0
40	CPFSK	50	2091	23.00	23.00	23.00	24.0
40	CPFSK	50	2111	23.00	23.00	23.00	24.0
40	CPFSK	50	2131	23.00	23.00	23.00	24.0
40	CPFSK	50	2151	23.00	23.00	23.00	24.0
40	CPFSK	50	2171	23.00	23.00	23.00	24.0
40	CPFSK	50	2191	23.00	23.00	23.00	24.0
40	CPFSK	50	2211	23.00	23.00	23.00	24.0
40	CPFSK	50	2231	23.00	23.00	23.00	24.0
40	CPFSK	50	2251	23.00	23.00	23.00	24.0
40	CPFSK	50	2271	23.00	23.00	23.00	24.0
40	CPFSK	50	2291	23.00	23.00	23.00	24.0
40	CPFSK	50	2311	23.00	23.00	23.00	24.0
40	CPFSK	50	2331	23.00	23.00	23.00	24.0
40	CPFSK	50	2351	23.00	23.00	23.00	24.0
40	CPFSK	50	2371	23.00	23.00	23.00	24.0
40	CPFSK	50	2391	23.00	23.00	23.00	24.0
40	CPFSK	50	2411	23.00	23.00	23.00	24.0
40	CPFSK	50	2431	23.00	23.00	23.00	24.0
40	CPFSK	50	2451	23.00	23.00	23.00	24.0
40	CPFSK	50	2471	23.00	23.00	23.00	24.0
40	CPFSK	50	2491	23.00	23.00	23.00	24.0
40	CPFSK	50	2511	23.00	23.00	23.00	24.0
40	CPFSK	50	2531	23.00	23.00	23.00	24.0
40	CPFSK	50	2551	23.00	23.00	23.00	24.0
40	CPFSK	50	2571	23.00	23.00	23.00	24.0
40	CPFSK	50	2591	23.00	23.00	23.00	24.0
40	CPFSK	50	2611	23.00	23.00	23.00	24.0
40	CPFSK	50	2631	23.00	23.00	23.00	24.0
40	CPFSK	50	2651	23.00	23.00	23.00	24.0
40	CPFSK	50	2671	23.00	23.00	23.00	24.0
40	CPFSK	50	2691	23.00	23.00	23.00	24.0
40	CPFSK	50	2711	23.00	23.00	23.00	24.0
40	CPFSK	50	2731	23.00	23.00	23.00	24.0
40	CPFSK	50	2751	23.00	23.00	23.00	24.0
40	CPFSK	50	2771	23.00	23.00	23.00	24.0
40	CPFSK	50	2791	23.00	23.00	23.00	24.0
40	CPFSK	50	2811	23.00	23.00	23.00	24.0
40	CPFSK	50	2831	23.00	23.00	23.00	24.0
40	CPFSK	50	2851	23.00	23.00	23.00	24.0
40	CPFSK	50	2871	23.00	23.00	23.00	24.0
40	CPFSK	50	2891	23.00	23.00	23.00	24.0
40	CPFSK	50	2911	23.00	23.00	23.00	24.0
40	CPFSK	50	2931	23.00	23.00	23.00	24.0
40	CPFSK	50	2951	23.00	23.00	23.00	24.0
40	CPFSK	50	2971	23.00	23.00	23.00	24.0
40	CPFSK	50	2991	23.00	23.00	23.00	24.0
40	CPFSK	50	3011	23.00	23.00	23.00	24.0
40	CPFSK	50	3031	23.00	23.00	23.00	24.0
40	CPFSK	50	3051	23.00	23.00	23.00	24.0
40	CPFSK	50	3071	23.00	23.00	23.00	24.0
40	CPFSK	50	3091	23.00	23.00	23.00	24.0
40	CPFSK	50	3111	23.00	23.00	23.00	24.0
40							

FCC_n41_Ant 1										
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low Ch. F (MHz)	Power High Ch. F (MHz)	Power High Ch. F (MHz)	Turn-up Int. (dBm)	APRT (dB)		
Channel										
				Frequency (MHz)	2565.01	2600.99	2600			
100	PSS BPSK	1	1	21.04	21.75	21.72				
100	PSS BPSK	1	127	21.08	21.72	21.71	23.5			
100	PSS BPSK	1	271	21.00	21.66	21.61				
100	PSS BPSK	100	0	21.05	21.68	21.70	23.5	0.0		
100	PSS BPSK	100	66	21.09	21.71	21.71	23.5	0.0		
100	PSS BPSK	100	138	22.09	22.72	22.71	23.5	0.0		
100	PSS BPSK	270	0	21.06	21.74	21.70				
100	QPSK	1	1	22.01	21.70	21.70				
100	QPSK	1	127	21.00	21.60	21.70	23.5	0.0		
100	QPSK	1	271	21.00	21.70	21.71				
100	QPSK	100	0	21.75	21.76	21.68	23.5	0.0		
100	QPSK	100	66	21.05	21.70	21.68	23.5	0.0		
100	QPSK	100	138	21.00	21.70	21.70	23.5	0.0		
100	QPSK	200	0	21.75	21.70	21.68	23.5	0.0		
100	VCQAM	1	1	21.00	21.65	21.64	23.5	0.0		
100	VCQAM	1	1	21.75	21.60	21.61	23.5	0.0		
100	VCQAM	1	1	20.94	20.21	20.12	01.5	2.0		
Channel										
50	QPSK	1	1	21.04	21.50	21.71	00.0	0.0		
Channel										
80	QPSK	1	1	21.03	21.50	21.60	23.5	0.0		
Channel										
				Frequency (MHz)	2551.01	2600.99	2600			
70	QPSK	1	1	21.75	21.64	21.68	23.5	0.0		
Channel										
80	QPSK	1	1	21.75	21.53	21.60	23.5	0.0		
Channel										
				Frequency (MHz)	501.04	5100.00	5100.00	Turn-up Int. (dBm)		
30	QPSK	1	1	21.75	21.64	21.61	23.5	0.0		
Channel										
30	QPSK	1	1	21.04	21.50	21.71	00.0	0.0		
Channel										
80	QPSK	1	1	21.03	21.50	21.60	23.5	0.0		
Channel										
40	QPSK	1	1	21.00	21.60	21.60	23.5	0.0		
Channel										
30	QPSK	1	1	21.75	21.60	21.68	23.5	0.0		
Channel										
20	QPSK	1	1	21.75	21.54	21.61	23.5	0.0		

FCC_n41_Ant 2										
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low Ch. F (MHz)	Power High Ch. F (MHz)	Power High Ch. F (MHz)	Turn-up Int. (dBm)	APRT (dB)		
Channel										
				Frequency (MHz)	2565.01	2600.99	2600			
100	PSS BPSK	1	1	18.22	18.19	18.00				
100	PSS BPSK	1	127	18.16	18.00	18.10	18.5			
100	PSS BPSK	1	271	18.25	18.18	18.10				
100	PSS BPSK	100	0	18.22	18.10	18.00	18.5	0.0		
100	PSS BPSK	100	66	18.17	18.10	18.10	18.5	0.0		
100	PSS BPSK	100	138	18.17	18.12	18.00	18.5	0.0		
100	PSS BPSK	270	0	18.17	18.22	18.00				
100	QPSK	1	1	18.20	18.10	18.10				
100	QPSK	1	127	18.22	18.12	18.00	18.5	0.0		
100	QPSK	1	271	18.14	18.11	18.00				
100	QPSK	100	0	18.17	18.10	18.00	18.5	0.0		
100	QPSK	100	66	18.25	18.10	18.10	18.5	0.0		
100	QPSK	100	138	18.12	18.10	18.00	18.5	0.0		
100	QPSK	200	0	18.14	18.14	18.10	18.5	0.0		
100	VCQAM	1	1	18.15	18.08	18.07	18.5	0.0		
100	VCQAM	1	1	18.15	18.10	18.10	18.5	0.0		
100	VCQAM	1	1	18.24	18.00	18.00	18.5	0.0		
Channel										
50	QPSK	1	1	18.24	18.00	18.00	00.0	0.0		
Channel										
80	QPSK	1	1	18.24	18.22	18.00	18.5	0.0		
Channel										
				Frequency (MHz)	2551.04	2600.99	2670			
80	QPSK	1	1	18.14	18.20	17.90	18.5	0.0		
Channel										
				Frequency (MHz)	2551.01	2600.99	2600			
70	QPSK	1	1	18.16	18.15	18.00	18.5	0.0		
Channel										
80	QPSK	1	1	18.20	18.20	18.00	18.5	0.0		
Channel										
				Frequency (MHz)	2551.02	2600.99	2600			
50	QPSK	1	1	18.14	18.22	18.10	01.5	0.0		
Channel										
				Frequency (MHz)	2104.01	2600.99	2670			
40	QPSK	1	1	18.20	18.20	18.10	18.5	0.0		
Channel										
				Frequency (MHz)	2111.00	2600.99	2670			
30	QPSK	1	1	18.20	18.10	18.10	18.5	0.0		
Channel										
				Frequency (MHz)	501.04	5100.00	5100.00	Turn-up Int. (dBm)		
30	QPSK	1	1	18.19	18.08	18.00	18.5	0.0		

FCC_n41_Ant 4									
BW (MHz)	Modulation	RB Desc	SB Offset	Power Low Ch. F (MHz)	Power High Ch. F (MHz)	Power High Ch. F (MHz)	Turn-up Int. (dBm)	APRT (dB)	
Channel									
				Frequency (MHz)	2565.01	2600.99	2600		
100	PSS BPSK	1	1	23.46	23.72	23.58			
100	PSS BPSK	1	127	23.49	23.60	23.50	23.5	0.0	
100	PSS BPSK	1	271	23.44	23.54	23.50			
100	PSS BPSK	100	0	23.75	23.67	23.58	23.5	0.0	
100	PSS BPSK	100	66	23.69	23.50	23.60	23.5	0.0	
100	PSS BPSK	100	138	23.68	23.56	23.50	23.5	0.0	
100	PSS BPSK	270	0	23.64	23.58	23.50			
100	QPSK	1	1	23.68	23.77	23.60			
100	QPSK	1	127	23.61	23.66	23.60	23.5	0.0	
100	QPSK	1	271	23.68	23.68	23.60			
100	QPSK	100	0	23.75	23.75	23.68	23.5	0.0	
100	QPSK	100	66	23.71	23.60	23.60	23.5	0.0	
100	QPSK	100	138	23.71	23.60	23.60	23.5	0.0	
100	QPSK	200	0	23.75	23.70	23.68	23.5	0.0	
100	VCQAM	1	1	20.94	20.17	20.11	01.5	2.0	
Channel									
50	QPSK	1	1	23.49	23.70	23.67	00.0	0.0	
Channel									
80	QPSK	1	1	23.49	23.70	23.67	23.5	0.0	
Channel									
				Frequency (MHz)	2551.01	2600.99	2600		
70	QPSK	1	1	23.63	23.71	23.68	23.5	0.0	
Channel									
80	QPSK	1	1	23.67	23.73	23.67	23.5	0.0	
Channel									
				Frequency (MHz)	2551.02	2600.99	2600		
50	QPSK	1	1	23.49	23.70	23.67	00.0	0.0	
Channel									
80	QPSK	1	1	23.49	23.70	23.67	23.5	0.0	
Channel									
				Frequency (MHz)	2551.02	2600.99	2600		
40	QPSK	1	1	23.49	23.67	23.60	23.5	0.0	
Channel									
30	QPSK	1	1	23.49	23.74	23.68	23.5	0.0	
Channel									
				Frequency (MHz)	2551.02	2600.99	2600		
20	QPSK	1	1	23.49	23.75	23.57	23.5	0.0	

Part27Q_n77_Ant 1													
BW (MHz)	Modulation	RB Csm	SB Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turn-on Int. (dBm)	MPT (dB)					
Channel				Channel									
Frequency (MHz)				54254		54254							
100	PSSBFSK	1	1	20.85			21.5	0.0					
100	PSSBFSK	1	127	20.75									
100	PSSBFSK	1	271	20.64									
100	PSSBFSK	136	5	20.79									
100	PSSBFSK	136	98	20.85			21.5	0.0					
100	PSSBFSK	136	138	20.85									
100	PSSBFSK	270	5	20.73									
100	QPSK	1	1	20.85									
100	QPSK	1	127	20.81			21.5	0.0					
100	QPSK	1	271	20.86									
100	QPSK	136	5	20.76									
100	QPSK	136	98	20.82									
100	QPSK	136	138	20.81			21.5	0.0					
100	QPSK	270	5	20.76									
100	VCQAM	1	1	20.73									
100	VCQAM	1	1	19.47									
100	28QCSK	1	1	19.11			19.5	3.2					
Channel				54254		54254	Training Int.				MPT		
Frequency (MHz)				54254		54254							
80	QPSK	1	1	20.82	20.60	20.63	21.5	0.0					
Channel				54254		54254							
Frequency (MHz)				54254		54254							
80	QPSK	1	1	20.80	20.79	20.75							
Channel				54254		54254							
Frequency (MHz)				54254		54254							
40	QPSK	1	1	20.79	20.64	20.68	21.5	0.0					
Channel				54254		54254							
Frequency (MHz)				54254		54254							
20	QPSK	1	1	20.45	20.46	20.52							
Channel				54254		54254							
Frequency (MHz)				54254		54254							
20	QPSK	1	1	20.77	20.74	20.65	21.5	0.0					
Channel				54254		54254							
Frequency (MHz)				54254		54254							
20	QPSK	1	1	20.77	20.74	20.65							

Part27Q_n77_Ant 1														
BW (MHz)	Modulation	RB Csm	SB Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turnup Int. (dBm)	MPT (dB)						
Channel														
Frequency (MHz)														
100	PSSBFSK	1	1	20.45	20.81	20.84	21.5	0.0						
100	PSSBFSK	1	127	20.38	20.81	20.81								
100	PSSBFSK	1	271	20.49	20.79	20.80								
100	PSSBFSK	136	5	20.43	20.88	20.84								
100	PSSBFSK	136	98	20.52	20.88	20.81	21.5	0.0						
100	PSSBFSK	136	138	20.51	20.84	20.45								
100	PSSBFSK	270	5	20.54	20.84	20.38								
100	QPSK	1	1	20.55	20.71	20.55								
100	QPSK	1	127	20.42	20.55	20.55	21.5	0.0						
100	QPSK	1	271	20.38	20.58	20.58								
100	QPSK	136	5	20.52	20.48	20.58								
100	QPSK	136	98	20.55	20.70	20.55								
100	QPSK	136	138	20.52	20.61	20.45	21.5	0.0						
100	QPSK	270	5	20.48	20.58	20.55								
100	VCQAM	1	1	20.40	20.83	20.45								
100	VCQAM	1	1	19.84	19.25	19.11	20.5	3.2						
100	28QCSK	1	1	17.46	17.81	17.68	19.5	3.2						
Channel														
Frequency (MHz)														
80	QPSK	1	1	20.94	20.58	20.58	21.5	0.0						
Channel														
Frequency (MHz)														
80	QPSK	1	1	20.41	20.57	20.58								
Channel														
Frequency (MHz)														
40	QPSK	1	1	20.59	20.67	20.54	21.5	0.0						
Channel														
Frequency (MHz)														
20	QPSK	1	1	20.47	20.46	20.52								
Channel														
Frequency (MHz)														
20	QPSK	1	1	20.48	20.68	20.55	21.5	0.0						
Channel														
Frequency (MHz)														
20	QPSK	1	1	20.48	20.68	20.55								

Part27Q_n77_Ant_3													
BW (MHz)	Modulation	RB Csm	SB Offset	Power Low Ch. 1 (W)	Power Max Ch. 1 (W)	Power High Ch. 1 (W)	Turn-up Int. (dBm)	MPT (dB)					
Channel				54254		54254							
Frequency (MHz)				54254		54254							
100	PSSBFSK	1	1	19.15			20.0	0.0					
100	PSSBFSK	1	127	19.15									
100	PSSBFSK	1	271	19.06									
100	PSSBFSK	136	5	19.19									
100	PSSBFSK	136	98	19.22			20.0	0.0					
100	PSSBFSK	136	138	19.12									
100	PSSBFSK	270	5	19.04									
100	QPSK	1	1	19.25									
100	QPSK	1	127	19.25			20.0	0.0					
100	QPSK	1	271	19.10									
100	QPSK	136	5	19.06									
100	QPSK	136	98	19.13									
100	QPSK	136	138	19.05			20.0	0.0					
100	QPSK	270	5	19.10									
100	VCQAM	1	1	19.09									
100	VCQAM	1	1	18.12			20.0	3.2					
100	28QCSK	1	1	18.02			19.5	1.5					
Channel				54254		54254							
Frequency (MHz)				54254		54254							
80	QPSK	1	1	19.19	19.08	19.19	20.0	0.0					
Channel				54254		54254							
Frequency (MHz)				54254		54254							
80	QPSK	1	1	18.17	19.10	19.07							
Channel				54254		54254							
Frequency (MHz)				54254		54254							
40	QPSK	1	1	19.05	19.12	19.08	20.0	0.0					
Channel				54254		54254							
Frequency (MHz)				54254		54254							
20	QPSK	1	1	19.07	19.17	19.08							
Channel				54254		54254							
Frequency (MHz)				54254		54254							
20	QPSK	1	1	19.12	19.10	19.10	20.0	0.0					
Channel				54254		54254							
Frequency (MHz)				54254		54254							
20	QPSK	1	1	19.13	19.10	19.10	20.0	0.0					

Part27Q_n77_Ant 5														
BW (MHz)	Modulation	RB Conn	SB Offset	Power Low Ch. F (Hz)	Power Max Ch. F (Hz)	Power High Ch. F (Hz)	Turn-on Int. (dBm)	MPT (dB)						
Channel				3400										
Frequency (MHz)				3400										
100	PSS-BPSK	1	1	18.28	18.28	18.28	18.0	0.0						
100	PSS-BPSK	1	127	18.40	18.40	18.40								
100	PSS-BPSK	1	251	18.39	18.39	18.39								
100	PSS-BPSK	135	5	18.52	18.52	18.52	18.0	0.0						
100	PSS-BPSK	135	99	18.36	18.36	18.36								
100	PSS-BPSK	135	138	18.54	18.54	18.54								
100	PSS-BPSK	275	5	18.38	18.38	18.38	18.0	0.0						
100	QPSK	1	1	18.27	18.27	18.27								
100	QPSK	1	127	18.24	18.24	18.24								
100	QPSK	1	251	18.41	18.41	18.41	18.0	0.0						
100	QPSK	135	5	18.47	18.47	18.47								
100	QPSK	135	99	18.49	18.49	18.49								
100	QPSK	135	138	18.50	18.50	18.50	18.0	0.0						
100	QPSK	275	5	18.48	18.48	18.48								
100	VCQAM	1	1	18.26	18.26	18.26	18.0	0.0						
100	VCQAM	1	1	18.30	18.30	18.30								
100	VCQAM	1	1	18.32	18.32	18.32								
100	VCQAM	1	1	18.32	18.32	18.32	18.0	0.0						
Channel				3400										
Frequency (MHz)				3400										
80	QPSK	1	1	18.44	18.44	18.44	18.0	0.0						
Channel				3400										
Frequency (MHz)				3400										
80	QPSK	1	1	18.25	18.25	18.25	18.0	0.0						
Channel				3400										
Frequency (MHz)				3400										
40	QPSK	1	1	18.23	18.23	18.23	18.0	0.0						
Channel				3400										
Frequency (MHz)				3400										
20	QPSK	1	1	18.46	18.46	18.46	18.0	0.0						
Channel				3400										
Frequency (MHz)				3400										
20	QPSK	1	1	18.21	18.21	18.21	18.0	0.0						
Channel				3400										
Frequency (MHz)				3400										

Part27Q_n77_Ant 5														
BW (MHz)	Modulation	RB Conn	SB Offset	Power Low Ch. F (Hz)	Power Max Ch. F (Hz)	Power High Ch. F (Hz)	Turn-on Int. (dBm)	MPT (dB)						
Channel				3400										
Frequency (MHz)				3400										
100	PSS-BPSK	1	1	18.27	18.28	18.28	18.0	0.0						
100	PSS-BPSK	1	127	18.29	18.31	18.31								
100	PSS-BPSK	1	251	18.49	17.89	17.97								
100	PSS-BPSK	135	5	18.15	18.13	18.13	18.0	0.0						
100	PSS-BPSK	135	99	18.29	18.14	18.01								
100	PSS-BPSK	135	138	18.14	17.85	18.03								
100	PSS-BPSK	275	5	18.36	18.14	18.12	18.0	0.0						
100	QPSK	1	1	18.29	18.15	18.15								
100	QPSK	1	127	18.22	18.02	17.89								
100	QPSK	1	251	18.39	18.17	17.95	18.0	0.0						
100	QPSK	135	5	18.28	18.06	18.11								
100	QPSK	135	99	18.25	18.12	18.11								
100	QPSK	135	138	18.27	18.01	17.95	18.0	0.0						
100	QPSK	275	5	18.23	18.18	18.15								
100	VCQAM	1	1	18.15	17.99	17.98	18.0	0.0						
100	VCQAM	1	1	18.27	18.02	17.95								
100	VCQAM	1	1	18.29	18.12	18.05								
Channel				3400										
Frequency (MHz)				3400										
80	QPSK	1	1	18.24	18.19	18.24	18.0	0.0						
Channel				3400										
Frequency (MHz)				3400										
40	QPSK	1	1	18.17	18.14	18.13	18.0	0.0						
Channel				3400										
Frequency (MHz)				3400										
20	QPSK	1	1	18.20	18.18	18.20	18.0	0.0						
Channel				3400										
Frequency (MHz)				3400										
20	QPSK	1	1	18.23	18.22	18.18	18.0	0.0						
Channel				3400										
Frequency (MHz)				3400										

Part27Q_n77_Ant 7														
BW (MHz)	Modulation	RB Conn	SB Offset	Power Low Ch. F (Hz)	Power Max Ch. F (Hz)	Power High Ch. F (Hz)	Turn-up Int. (dBm)	MPT (dB)						
Channel				3400										
Frequency (MHz)				3400										
100	PSS-BPSK	1	1	18.83	18.83	18.83	18.0	0.0						
100	PSS-BPSK	1	127	18.83	18.83	18.83								
100	PSS-BPSK	1	251	18.72	18.72	18.72								
100	PSS-BPSK	135	5	18.88	18.88	18.88	18.0	0.0						
100	PSS-BPSK	135	99	18.77	18.77	18.77								
100	PSS-BPSK	135	138	18.81	18.81	18.81								
100	PSS-BPSK	275	5	18.72	18.72	18.72	18.0	0.0						
100	QPSK	1	1	18.82	18.82	18.82								
100	QPSK	1	127	18.79	18.79	18.79								
100	QPSK	1	251	18.71	18.71	18.71	18.0	0.0						
100	QPSK	135	5	18.87	18.87	18.87								
100	QPSK	135	99	18.82	18.78	18.82								
100	QPSK	135	138	18.73	18.73	18.73	18.0	0.0						
100	QPSK	275	5	18.78	18.78	18.78								
100	VCQAM	1	1	18.86	18.86	18.86	18.0	0.0						
100	VCQAM	1	1	18.87	18.87	18.87								
100	VCQAM	1	1	18.87	18.87	18.87								
Channel				3400										
Frequency (MHz)				3400										
80	QPSK	1	1	18.71	18.68	18.69	18.0	0.0						
Channel				3400										
Frequency (MHz)				3400										
80	QPSK	1	1	18.22	18.80	18.82	18.0	0.0						
Channel				3400										
Frequency (MHz)				3400										
40	QPSK	1	1	18.79	18.83	18.86	18.0	0.0						
Channel				3400										
Frequency (MHz)				3400										
20	QPSK	1	1	18.71	18.78	18.79	18.0	0.0						
Channel				3400										
Frequency (MHz)				3400										
20	QPSK	1	1	18.71	18.80	18.80	18.0	0.0						
Channel				3400										
Frequency (MHz)				3400										

Reduced Power Mode for ECI 19

n2_Ant 1

RF [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	23.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.47	21.65	21.50		
20	PI/2 BPSK	1	53	21.46	21.59	21.59		
20	PI/2 BPSK	1	104	21.46	21.62	21.58	23.0	0.0
20	PI/2 BPSK	50	0	21.46	21.65	21.45	23.0	0.0
20	PI/2 BPSK	50	28	21.55	21.54	21.49	23.0	0.0
20	PI/2 BPSK	50	56	21.48	21.56	21.53	23.0	0.0
20	PI/2 BPSK	100	0	21.45	21.64	21.49	23.0	0.0
20	QPSK	1	1	21.55	21.66	21.66	23.0	0.0
20	QPSK	1	53	21.55	21.54	21.59		
20	QPSK	1	104	21.57	21.66	21.52		
20	QPSK	50	0	21.57	21.53	21.45		
20	QPSK	50	28	21.58	21.66	21.55	23.0	0.0
20	QPSK	50	56	21.47	21.54	21.54	23.0	0.0
20	QPSK	100	0	21.57	21.62	21.56	23.0	0.0
20	16QAM	1	1	21.52	21.54	21.49	23.0	0.0
20	64QAM	1	1	20.24	20.33	20.30	22.0	1.0
20	256QAM	1	1	18.62	18.88	18.87	20.0	3.0
Channel				371000	375000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.46	21.60	21.55	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900	23.0	0.0
10	QPSK	1	1	21.44	21.64	21.56	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	21.51	21.53	21.51	23.0	0.0

n2_Ant 2

RF [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	24.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.19	22.32	22.11		
20	PI/2 BPSK	1	53	22.23	22.21	22.22		
20	PI/2 BPSK	1	104	22.26	22.19	22.13	24.0	0.0
20	PI/2 BPSK	50	0	22.21	22.21	22.05	24.0	0.0
20	PI/2 BPSK	50	28	22.16	22.28	22.18	24.0	0.0
20	PI/2 BPSK	50	56	22.05	22.25	22.17	24.0	0.0
20	PI/2 BPSK	100	0	22.24	22.19	22.15	24.0	0.0
20	QPSK	1	1	22.21	22.33	22.25	24.0	0.0
20	QPSK	1	53	22.14	22.18	22.18		
20	QPSK	1	104	22.16	22.32	22.16		
20	QPSK	50	0	21.56	21.63	21.56		
20	QPSK	50	28	22.17	22.24	22.12	24.0	0.0
20	QPSK	50	56	21.70	21.69	21.76	23.5	0.5
20	QPSK	100	0	21.63	21.76	21.59	23.5	0.5
20	16QAM	1	1	21.55	21.58	21.53	23.5	0.5
20	64QAM	1	1	20.05	20.10	20.02	22.0	2.0
20	256QAM	1	1	18.48	18.57	18.65	20.0	4.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.26	22.32	22.19	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900	24.0	0.0
10	QPSK	1	1	22.12	22.18	22.21	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	22.16	22.26	22.23	24.0	0.0

n2_Ant 4

RF [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	20.5	0.0
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.05	19.11	19.01		
20	PI/2 BPSK	1	53	19.10	19.12	19.00		
20	PI/2 BPSK	1	104	18.99	19.05	19.08	20.5	0.0
20	PI/2 BPSK	50	0	19.12	19.02	19.01	20.5	0.0
20	PI/2 BPSK	50	28	19.04	19.02	19.00	20.5	0.0
20	PI/2 BPSK	50	56	19.02	19.05	19.06	20.5	0.0
20	PI/2 BPSK	100	0	18.98	19.01	19.07	20.5	0.0
20	QPSK	1	1	19.15	19.16	19.10	20.5	0.0
20	QPSK	1	53	18.99	19.05	19.09		
20	QPSK	1	104	19.10	19.07	19.03		
20	QPSK	50	0	19.05	19.08	19.06		
20	QPSK	50	28	19.11	19.12	19.06	20.5	0.0
20	QPSK	50	56	19.09	19.10	19.05	20.5	0.0
20	QPSK	100	0	19.08	19.10	19.09	20.5	0.0
20	16QAM	1	1	19.03	19.10	18.97	20.5	0.0
20	64QAM	1	1	18.99	19.03	19.00	20.5	0.0
20	256QAM	1	1	18.56	18.70	18.63	20.0	0.5
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.01	19.14	18.98	20.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900	20.5	0.0
10	QPSK	1	1	19.04	19.07	19.00	20.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	18.98	19.05	18.99	20.5	0.0

n5_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	23.44	23.52	23.47	25.0	0.0
20	PI2 BPSK	1	53	23.49	23.66	23.66		
20	PI2 BPSK	1	104	23.43	23.56	23.52		
20	PI2 BPSK	50	0	23.03	23.19	23.14	24.5	0.5
20	PI2 BPSK	50	28	23.34	23.52	23.39	25.0	0.0
20	PI2 BPSK	50	56	22.99	23.08	22.95	24.5	0.5
20	PI2 BPSK	100	0	22.91	23.03	22.94		
20	QPSK	1	1	23.65	23.70	23.61	25.0	0.0
20	QPSK	1	53	23.38	23.56	23.55		
20	QPSK	1	104	23.45	23.59	23.58		
20	QPSK	50	0	22.56	22.71	22.59	24.0	1.0
20	QPSK	50	28	23.40	23.62	23.68	25.0	0.0
20	QPSK	50	56	22.30	22.46	22.29	24.0	1.0
20	QPSK	100	0	22.38	22.57	22.42		
20	16QAM	1	1	22.36	22.53	22.45	24.0	1.0
20	64QAM	1	1	21.00	21.00	20.94	22.5	2.5
20	256QAM	1	1	19.42	19.53	19.31	20.5	4.5
Channel				167300	167800	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.50	23.66	23.48	25.0	0.0
Channel				168800	167300	166800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				840	836.5	844		
10	QPSK	1	1	23.59	23.55	23.57	25.0	0.0
Channel				169300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				846.5	836.5	846.5		
5	QPSK	1	1	23.58	23.60	23.51	25.0	0.0

n5_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	23.42	23.48	23.39	25.0	0.0
20	PI2 BPSK	1	53	23.42	23.53	23.51		
20	PI2 BPSK	1	104	23.39	23.50	23.48		
20	PI2 BPSK	50	0	22.95	23.05	23.04	24.5	0.5
20	PI2 BPSK	50	28	23.31	23.46	23.32	25.0	0.0
20	PI2 BPSK	50	56	22.91	23.00	22.85	24.5	0.5
20	PI2 BPSK	100	0	22.87	23.02	22.91		
20	QPSK	1	1	23.61	23.66	23.55	25.0	0.0
20	QPSK	1	53	23.35	23.50	23.46		
20	QPSK	1	104	23.44	23.53	23.50		
20	QPSK	50	0	22.48	22.57	22.52	24.0	1.0
20	QPSK	50	28	23.38	23.52	23.42	25.0	0.0
20	QPSK	50	56	22.24	22.36	22.24	24.0	1.0
20	QPSK	100	0	22.36	22.45	22.35		
20	16QAM	1	1	22.31	22.38	22.37	24.0	1.0
20	64QAM	1	1	20.89	20.96	20.89	22.5	2.5
20	256QAM	1	1	19.29	19.42	19.27	20.5	4.5
Channel				167300	167800	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.45	23.56	23.53	25.0	0.0
Channel				168800	167300	166800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				840	836.5	844		
10	QPSK	1	1	23.50	23.42	23.41	25.0	0.0
Channel				169300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				846.5	836.5	846.5		
5	QPSK	1	1	23.41	23.49	23.51	25.0	0.0

n7_Ant 1

RF [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	20.0	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	18.47	18.50	18.59		
20	PI2 BPSK	1	53	18.48	18.62	18.54		
20	PI2 BPSK	1	104	18.44	18.54	18.46	20.0	0.0
20	PI2 BPSK	50	0	18.49	18.62	18.54	20.0	0.0
20	PI2 BPSK	50	28	18.54	18.54	18.46	20.0	0.0
20	PI2 BPSK	50	56	18.44	18.51	18.45	20.0	0.0
20	PI2 BPSK	100	0	18.44	18.53	18.48	20.0	0.0
20	QPSK	1	1	18.55	18.55	18.50	20.0	0.0
20	QPSK	1	53	18.47	18.60	18.47		
20	QPSK	1	104	18.49	18.57	18.46		
20	QPSK	50	0	18.49	18.61	18.42		
20	QPSK	50	28	18.55	18.64	18.52	20.0	0.0
20	QPSK	50	56	18.44	18.55	18.49	20.0	0.0
20	QPSK	100	0	18.50	18.63	18.49	20.0	0.0
20	16QAM	1	1	18.57	18.52	18.45	20.0	0.0
20	64QAM	1	1	18.57	18.63	18.48	20.0	0.0
20	256QAM	1	1	18.47	18.58	18.58	20.0	0.0
Channel				503000	507000	512000	20.0	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.55	18.53	18.50		
Channel				501000	507000	513000	20.0	0.0
Frequency (MHz)				2505	2535	2565		
18	QPSK	1	1	18.55	18.50	18.49		
Channel				500000	507000	513500	20.0	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.46	18.51	18.58		

n7_Ant 2

RF [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	22.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	21.17	21.21	21.01		
20	PI2 BPSK	1	53	21.14	21.11	21.09		
20	PI2 BPSK	1	104	21.03	21.17	21.04	22.5	0.0
20	PI2 BPSK	50	0	21.14	21.19	21.04	22.5	0.0
20	PI2 BPSK	50	28	21.12	21.11	21.10	22.5	0.0
20	PI2 BPSK	50	56	21.11	21.15	21.11	22.5	0.0
20	PI2 BPSK	100	0	21.09	21.14	21.12	22.5	0.0
20	QPSK	1	1	21.16	21.22	21.15	22.5	0.0
20	QPSK	1	53	21.11	21.07	21.08		
20	QPSK	1	104	21.13	21.15	21.11		
20	QPSK	50	0	21.03	21.14	21.07		
20	QPSK	50	28	21.09	21.18	21.12	22.5	0.0
20	QPSK	50	56	21.02	21.07	21.07	22.5	0.0
20	QPSK	100	0	21.07	21.17	21.10	22.5	0.0
20	16QAM	1	1	21.05	21.13	21.14	22.5	0.0
20	64QAM	1	1	20.47	20.55	20.47	22.0	0.5
20	256QAM	1	1	18.63	18.62	18.59	20.0	2.5
Channel				501000	507000	512000	22.5	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.03	21.13	21.14		
Channel				501000	507000	513000	22.5	0.0
Frequency (MHz)				2505	2535	2565		
18	QPSK	1	1	21.06	21.20	21.14		
Channel				500000	507000	513500	22.5	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.06	21.13	21.06		

n7_Ant 4

RF [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	21.0	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	19.52	19.48	19.47		
20	PI2 BPSK	1	53	19.49	19.43	19.38		
20	PI2 BPSK	1	104	19.43	19.57	19.45	21.0	0.0
20	PI2 BPSK	50	0	19.46	19.46	19.34	21.0	0.0
20	PI2 BPSK	50	28	19.51	19.56	19.44	21.0	0.0
20	PI2 BPSK	50	56	19.41	19.51	19.40	21.0	0.0
20	PI2 BPSK	100	0	19.38	19.45	19.34	21.0	0.0
20	QPSK	1	1	19.53	19.55	19.49	21.0	0.0
20	QPSK	1	53	19.46	19.53	19.38		
20	QPSK	1	104	19.43	19.44	19.44		
20	QPSK	50	0	19.45	19.54	19.47		
20	QPSK	50	28	19.50	19.57	19.46	21.0	0.0
20	QPSK	50	56	19.46	19.47	19.46	21.0	0.0
20	QPSK	100	0	19.51	19.55	19.45	21.0	0.0
20	16QAM	1	1	19.42	19.57	19.41	21.0	0.0
20	64QAM	1	1	19.30	19.54	19.34	21.0	0.0
20	256QAM	1	1	18.83	18.88	18.77	20.0	1.0
Channel				501000	507000	512000	21.0	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.42	19.51	19.39		
Channel				501000	507000	513000	21.0	0.0
Frequency (MHz)				2505	2535	2565		
18	QPSK	1	1	19.51	19.55	19.45		
Channel				500000	507000	513500	21.0	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.39	19.44	19.41		

n12_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	PI2 BPSK	1	1	23.11	23.27	23.10	24.5	0.0	
15	PI2 BPSK	1	40	23.05	23.17	23.07			
15	PI2 BPSK	1	77	23.39	23.20	23.12			
15	PI2 BPSK	36	0	22.62	22.70	22.60	24.0	0.5	
15	PI2 BPSK	36	22	23.05	23.18	23.29	24.5	0.0	
15	PI2 BPSK	36	43	22.59	22.74	22.49	24.0	0.5	
15	PI2 BPSK	75	0	22.58	22.75	22.59			
15	QPSK	1	1	23.15	23.30	23.21	24.5	0.0	
15	QPSK	1	40	23.20	23.13	23.08			
15	QPSK	1	77	23.15	23.16	23.16			
15	QPSK	36	0	22.07	22.06	22.00	23.5	1.0	
15	QPSK	36	22	23.25	23.29	23.18	24.5	0.0	
15	QPSK	36	43	22.09	22.08	22.05	23.5	1.0	
15	QPSK	75	0	22.00	22.19	22.06			
15	16QAM	1	1	21.87	21.95	21.80	23.5	1.0	
15	64QAM	1	1	20.48	20.59	20.38	22.0	2.5	
15	256QAM	1	1	19.10	19.04	19.07	20.0	4.5	
Channel				140300	141500	142700	Tune-up limit	MPR	
Frequency (MHz)				704	707.5	711	(dBm)	(dB)	
10	QPSK	1	1	23.25	23.29	23.07	24.5	0.0	
Channel				140300	141500	142700	Tune-up limit	MPR	
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)	
5	QPSK	1	1	23.13	23.27	23.15	24.5	0.0	

n12_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	PI2 BPSK	1	1	23.19	23.30	23.22	24.5	0.0	
15	PI2 BPSK	1	40	23.11	23.25	23.19			
15	PI2 BPSK	1	77	23.30	23.31	23.17			
15	PI2 BPSK	36	0	22.77	22.83	22.74	24.0	0.5	
15	PI2 BPSK	36	22	23.17	23.32	23.31	24.5	0.0	
15	PI2 BPSK	36	43	22.65	22.77	22.64	24.0	0.5	
15	PI2 BPSK	75	0	22.66	22.80	22.67			
15	QPSK	1	1	23.25	23.36	23.24	24.5	0.0	
15	QPSK	1	40	23.26	23.28	23.19			
15	QPSK	1	77	23.18	23.30	23.20			
15	QPSK	36	0	22.09	22.12	22.09	23.5	1.0	
15	QPSK	36	22	23.25	23.30	23.24	24.5	0.0	
15	QPSK	36	43	22.14	22.18	22.12	23.5	1.0	
15	QPSK	75	0	22.10	22.20	22.12			
15	16QAM	1	1	21.97	22.10	22.02	23.5	1.0	
15	64QAM	1	1	20.59	20.60	20.48	22.0	2.5	
15	256QAM	1	1	19.12	19.18	19.16	20.0	4.5	
Channel				140300	141500	142700	Tune-up limit	MPR	
Frequency (MHz)				704	707.5	711	(dBm)	(dB)	
10	QPSK	1	1	23.25	23.29	23.16	24.5	0.0	
Channel				140300	141500	142700	Tune-up limit	MPR	
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)	
5	QPSK	1	1	23.17	23.29	23.23	24.5	0.0	



n66_Ant 1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000	24.5	0.0
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	23.15	23.26	23.16		
30	PI2 BPSK	1	80	23.17	23.20	23.19		
30	PI2 BPSK	1	158	23.11	23.22	23.10	24.0	0.5
30	PI2 BPSK	80	0	22.69	22.75	22.67		
30	PI2 BPSK	80	40	23.20	23.25	23.23		
30	PI2 BPSK	80	80	22.85	22.73	22.65		
30	PI2 BPSK	160	0	22.80	22.66	22.54	24.5	0.0
30	QPSK	1	1	23.15	23.26	23.16		
30	QPSK	1	80	23.19	23.25	23.12		
30	QPSK	1	158	23.17	23.21	23.17		
30	QPSK	80	0	22.16	22.22	22.21	23.5	1.0
30	QPSK	80	40	23.09	23.23	23.22		
30	QPSK	80	80	22.19	22.34	22.20		
30	QPSK	160	0	22.05	22.20	22.15		
30	16QAM	1	1	21.80	21.93	21.86	23.5	1.0
30	16QAM	1	1	20.37	20.48	20.47		
30	256QAM	1	1	18.02	18.08	18.96		
Channel				345000	349000	353000		
Frequency (MHz)				1720	1745	1770	24.5	0.0
20	QPSK	1	1	23.08	23.19	23.16		
Channel				343500	349000	354500		
Frequency (MHz)				1717.5	1745	1772.5		
18	QPSK	1	1	23.11	23.22	23.16	24.5	0.0
Channel				343000	349000	355000		
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.07	23.28	23.23		
Channel				342500	349000	355500	24.5	0.0
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.08	23.18	23.18		

n66_Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000	24.5	0.0
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	23.01	23.22	23.10		
30	PI2 BPSK	1	80	23.04	23.16	23.16		
30	PI2 BPSK	1	158	23.02	23.19	23.04	24.0	0.5
30	PI2 BPSK	80	0	22.66	22.61	22.59		
30	PI2 BPSK	80	40	23.18	23.22	23.11		
30	PI2 BPSK	80	80	22.58	22.61	22.57		
30	PI2 BPSK	160	0	22.49	22.56	22.52	24.5	0.0
30	QPSK	1	1	23.11	23.27	23.15		
30	QPSK	1	80	23.15	23.21	23.08		
30	QPSK	1	158	23.08	23.18	23.08		
30	QPSK	80	0	22.15	22.17	22.20	23.5	1.0
30	QPSK	80	40	23.05	23.21	23.13		
30	QPSK	80	80	22.06	22.12	22.18		
30	QPSK	160	0	21.98	22.19	22.11		
30	16QAM	1	1	21.76	21.85	21.82	23.5	1.0
30	16QAM	1	1	20.27	20.34	20.43		
30	256QAM	1	1	18.92	18.95	18.94		
Channel				345000	349000	353000		
Frequency (MHz)				1720	1745	1770	24.5	0.0
20	QPSK	1	1	23.10	23.14	23.10		
Channel				343500	349000	354500		
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.02	23.24	23.04	24.5	0.0
Channel				343000	349000	355000		
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.15	23.22	23.05		
Channel				342500	349000	355500	24.5	0.0
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.10	23.14	22.97		

n66_Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000	22.0	0.0
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	20.33	20.49	20.39		
30	PI2 BPSK	1	80	20.31	20.40	20.32		
30	PI2 BPSK	1	158	20.34	20.39	20.33	22.0	0.0
30	PI2 BPSK	80	0	20.40	20.49	20.31		
30	PI2 BPSK	80	40	20.39	20.43	20.41		
30	PI2 BPSK	80	80	20.43	20.38	20.32		
30	PI2 BPSK	160	0	20.32	20.39	20.28	22.0	0.0
30	QPSK	1	1	20.45	20.50	20.43		
30	QPSK	1	80	20.44	20.37	20.37		
30	QPSK	1	158	20.41	20.48	20.35		
30	QPSK	80	0	20.40	20.42	20.31	22.0	0.0
30	QPSK	80	40	20.44	20.48	20.35		
30	QPSK	80	80	20.42	20.37	20.32		
30	QPSK	160	0	20.39	20.42	20.34		
30	16QAM	1	1	20.39	20.40	20.41	22.0	0.0
30	16QAM	1	1	20.17	20.31	20.26		
30	256QAM	1	1	18.81	18.83	18.79		
Channel				345000	349000	353000		
Frequency (MHz)				1720	1745	1770	22.0	0.0
20	QPSK	1	1	20.31	20.48	20.33		
Channel				343500	349000	354500		
Frequency (MHz)				1717.5	1745	1772.5		
18	QPSK	1	1	20.33	20.45	20.33	22.0	0.0
Channel				343000	349000	355000		
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.44	20.38	20.35		
Channel				342500	349000	355500	22.0	0.0
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.31	20.40	20.37		

n71_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Medo Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134.100	136.100	138.100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	PI2 BPSK	1	1	23.17	23.16	23.22	24.5	0.0
15	PI2 BPSK	1	40	23.12	23.18	23.04		
15	PI2 BPSK	1	77	23.16	23.17	23.10		
15	PI2 BPSK	36	0	22.67	22.71	22.59	24.0	0.5
15	PI2 BPSK	36	22	23.15	23.22	23.07	24.5	0.0
15	PI2 BPSK	36	43	22.66	22.67	22.62	24.0	0.5
15	PI2 BPSK	75	0	22.72	22.73	22.77		
15	QPSK	1	1	23.15	23.26	23.11	24.5	0.0
15	QPSK	1	40	23.17	23.25	23.18		
15	QPSK	1	77	23.07	23.13	23.10		
15	QPSK	36	0	21.99	22.06	21.91	23.5	1.0
15	QPSK	36	22	23.15	23.25	23.18	24.5	0.0
15	QPSK	36	43	22.09	22.10	22.06	23.5	1.0
15	QPSK	75	0	22.00	22.08	22.06		
15	16QAM	1	1	21.96	22.01	22.05	23.5	1.0
15	64QAM	1	1	20.51	20.55	20.37	22.0	2.5
15	256QAM	1	1	19.11	19.14	19.13	20.0	4.5
Channel				668	680.5	693	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				133.100	135.100	137.100	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	23.16	23.19	23.25		
Channel				133.100	136.100	139.100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	23.17	23.19	23.23		

n71_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Medo Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134.100	136.100	138.100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	PI2 BPSK	1	1	23.26	23.30	23.26	24.5	0.0
15	PI2 BPSK	1	40	23.16	23.21	23.13		
15	PI2 BPSK	1	77	23.20	23.26	23.13		
15	PI2 BPSK	36	0	22.77	22.83	22.69	24.0	0.5
15	PI2 BPSK	36	22	23.23	23.25	23.12	24.5	0.0
15	PI2 BPSK	36	43	22.74	22.78	22.67	24.0	0.5
15	PI2 BPSK	75	0	22.73	22.85	22.82		
15	QPSK	1	1	23.14	23.26	23.13	24.5	0.0
15	QPSK	1	40	23.26	23.32	23.22		
15	QPSK	1	77	23.16	23.28	23.16		
15	QPSK	36	0	22.07	22.16	22.02	23.5	1.0
15	QPSK	36	22	23.07	23.23	23.23	24.5	0.0
15	QPSK	36	43	22.13	22.21	22.17	23.5	1.0
15	QPSK	75	0	22.13	22.19	22.16		
15	16QAM	1	1	22.06	22.15	22.10	23.5	1.0
15	64QAM	1	1	20.60	20.63	20.48	22.0	2.5
15	256QAM	1	1	19.26	19.26	19.15	20.0	4.5
Channel				133.100	135.100	137.100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	23.31	23.28	23.27		
Channel				133.100	136.100	139.100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	23.30	23.20	23.19		

n38_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Lim. Co. 1 (dBm)	Power Lim. Co. 2 (dBm)	Power Lim. Co. 3 (dBm)	Time up (ms)	MFR (dB)	
Channel				5180.4	5180.5	5180.6			
Frequency (MHz)				2582.02	2585	2588.98			
40	PSS	1	1	18.41	18.33	18.36	20.0	0.0	
40	PUSCH	1	53	18.42	18.46	18.34			
40	PUSCH	1	54	18.31	18.37	18.34			
40	PUSCH	50	0	18.37	18.34	18.37			
40	PUSCH	50	26	18.43	18.46	18.35			
40	PUSCH	50	50	18.39	18.34	18.41	20.0	0.0	
40	PUSCH	500	0	18.39	18.40	18.37	20.0	0.0	
40	CPSS	1	1	18.43	18.42	18.41	20.0	0.0	
40	CPSS	1	53	18.42	18.47	18.32			
40	CPSS	1	54	18.39	18.44	18.31			
40	CPSS	50	0	18.39	18.43	18.37			
40	CPSS	50	26	18.43	18.45	18.41			
40	CPSS	50	50	18.35	18.36	18.35	20.0	0.0	
40	CPSS	500	0	18.42	18.43	18.35	20.0	0.0	
40	CPSS	1	1	18.42	18.40	18.40	20.0	0.0	
40	CPSS	1	1	18.31	18.47	18.35	20.0	0.0	
40	CPSS	1	1	18.31	18.42	18.35	20.0	0.0	
Channel									
Frequency (MHz)				2583.51	2585	2586.59			
30	CPSS	1	1	18.36	18.30	18.41	20.0	0.0	
Channel									
Frequency (MHz)				2585	2585	2585			
20	CPSS	1	1	18.43	18.36	18.34	20.0	0.0	

n38_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Lim. Co. 1 (dBm)	Power Lim. Co. 2 (dBm)	Power Lim. Co. 3 (dBm)	Time-up (ms)		
Channel				5180.4	5180.5	5180.6			
Frequency (MHz)				2582.02	2585	2588.98			
40	PSS	1	1	20.18	20.18	20.17	21.5	0.0	
40	PUSCH	1	53	20.21	20.26	20.25			
40	PUSCH	1	54	20.22	20.26	20.15			
40	PUSCH	50	0	20.15	20.20	20.27			
40	PUSCH	50	26	20.22	20.26	20.15			
40	PUSCH	50	50	20.16	20.15	20.28	21.5	0.0	
40	CPSS	1	1	20.19	20.32	20.15	21.5	0.0	
40	CPSS	1	53	20.10	20.19	20.28			
40	CPSS	1	54	20.12	20.20	20.17			
40	CPSS	50	0	20.15	20.22	20.18			
40	CPSS	50	26	20.21	20.26	20.17			
40	CPSS	50	50	20.21	20.24	20.15	21.5	0.0	
40	CPSS	500	0	20.21	20.23	20.15	21.5	0.0	
40	CPSS	1	1	20.17	20.16	20.16	21.5	0.0	
40	CPSS	1	1	20.11	20.25	20.15	21.5	0.0	
40	CPSS	1	1	19.15	19.14	19.15	20.0	1.5	
Channel									
Frequency (MHz)				2583.51	2585	2586.59			
30	CPSS	1	1	20.20	20.28	20.14	21.5	0.0	
Channel									
Frequency (MHz)				2585	2585	2585			
20	CPSS	1	1	20.18	20.20	20.12	21.5	0.0	

n38_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Lim. Co. 1 (dBm)	Power Lim. Co. 2 (dBm)	Power Lim. Co. 3 (dBm)	Time up (ms)		
Channel									
Frequency (MHz)				5180.4	5180.5	5180.6			
40	PSS	1	1	18.38	18.38	18.35	21.0	0.0	
40	PUSCH	1	53	18.41	18.45	18.27			
40	PUSCH	1	54	18.35	18.42	18.25			
40	PUSCH	50	0	18.40	18.45	18.28			
40	PUSCH	50	26	18.39	18.38	18.31			
40	PUSCH	50	50	18.31	18.44	18.38	21.0	0.0	
40	CPSS	1	1	18.43	18.42	18.41	21.0	0.0	
40	CPSS	1	53	18.28	18.48	18.32			
40	CPSS	1	54	18.28	18.39	18.32			
40	CPSS	50	0	18.39	18.32	18.27			
40	CPSS	50	26	18.43	18.45	18.35			
40	CPSS	50	50	18.35	18.40	18.32	21.0	0.0	
40	CPSS	500	0	18.31	18.41	18.32	21.0	0.0	
40	CPSS	1	1	18.28	18.35	18.26	21.0	0.0	
40	CPSS	1	1	18.24	18.36	18.27	21.0	0.0	
40	CPSS	1	1	18.00	18.00	18.00	20.0	1.0	
Channel									
Frequency (MHz)				2583.51	2585	2586.59			
30	CPSS	1	1	18.39	18.34	18.35	21.0	0.0	
Channel									
Frequency (MHz)				2585	2585	2585			
20	CPSS	1	1	18.32	18.41	18.28	21.0	0.0	

FCC_n41_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Type Ch. 1 (Freq.)	Frame Type Ch. 2 (Freq.)	Frame Type Ch. 3 (Freq.)	Time up (ms)	SFRS (dB)	
Channel				50000	50000	50000			
Frequency (MHz)				2545.01	2550.99	2556.99			
100	PSS-SSB	1	1	18.49	18.49	18.47			
100	PSS-SSB	1	137	18.59	18.48	18.45	20.0	0.0	
100	PSS-SSB	1	271	18.51	18.47	18.52			
100	PSS-SSB	20	0	18.54	18.51	18.49	20.0	0.0	
100	PSS-SSB	100	99	18.49	18.48	18.47	20.0	0.0	
100	PSS-SSB	120	138	18.56	18.49	18.47	20.0	0.0	
100	PSS-SSB	200	0	18.52	18.49	18.47			
100	QPSK	1	1	18.49	18.52	18.51			
100	QPSK	1	137	18.54	18.43	18.45	20.0	0.0	
100	QPSK	1	271	18.55	18.49	18.45			
100	QPSK	100	0	18.59	18.52	18.48	20.0	0.0	
100	QPSK	100	45	18.58	18.50	18.47	20.0	0.0	
100	QPSK	100	138	18.45	18.44	18.35	20.0	0.0	
100	QPSK	200	0	18.52	18.49	18.44	20.0	0.0	
100	QPSK	1	1	18.49	18.46	18.44	20.0	0.0	
100	QPSK	1	1	18.57	18.54	18.47	20.0	0.0	
100	QPSK	1	1	18.47	18.52	18.45	20.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2541	2550.99	2554.99			
80	QPSK	1	1	18.50	18.52	18.45	20.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2550.02	2550.99	2550.99			
80	QPSK	1	1	18.50	18.48	18.43	20.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2551.01	2550.99	2550.99			
80	QPSK	1	1	18.53	18.48	18.39	20.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2545	2550.99	2550.99			
80	QPSK	1	1	18.49	18.50	18.45	20.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2545.04	50000	50000			
80	QPSK	1	1	18.49	18.50	18.45	20.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2551.02	50000	50000			
80	QPSK	1	1	18.49	18.50	18.45	20.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2551.01	50000	50000			
80	QPSK	1	1	18.47	18.50	18.45	20.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2551.02	50000	50000			
80	QPSK	1	1	18.47	18.50	18.45	20.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2551.01	50000	50000			
80	QPSK	1	1	18.47	18.50	18.45	20.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2551.01	50000	50000			
80	QPSK	1	1	18.47	18.50	18.45	20.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2551.01	50000	50000			
80	QPSK	1	1	18.47	18.50	18.45	20.0	0.0	

FCC_n41_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Type Ch. 1 (Freq.)	Frame Type Ch. 2 (Freq.)	Frame Type Ch. 3 (Freq.)	Time up (ms)	SFRS (dB)	
Channel				50000	50000	50000			
Frequency (MHz)				2545.01	2550.99	2556.99			
100	PSS-SSB	1	1	20.25	20.26	20.26			
100	PSS-SSB	1	137	20.30	20.25	20.18	21.5	0.0	
100	PSS-SSB	1	271	20.27	20.27	20.25			
100	PSS-SSB	20	0	20.28	20.26	20.19	21.5	0.0	
100	PSS-SSB	100	99	20.29	20.21	20.20	21.5	0.0	
100	PSS-SSB	120	138	20.37	20.27	20.18	21.5	0.0	
100	PSS-SSB	200	0	20.32	20.26	20.20			
100	QPSK	1	1	20.28	18.52	18.50			
100	QPSK	1	137	20.30	20.20	20.24	21.5	0.0	
100	QPSK	1	271	20.29	20.20	20.24			
100	QPSK	100	0	20.39	20.26	20.28	21.5	0.0	
100	QPSK	100	45	20.38	20.26	20.28	21.5	0.0	
100	QPSK	100	138	20.35	20.27	20.18	21.5	0.0	
100	QPSK	200	0	20.34	20.26	20.22	21.5	0.0	
100	QPSK	1	1	20.28	20.25	20.24	21.5	0.0	
100	QPSK	1	1	20.35	20.27	20.25	21.5	0.0	
100	QPSK	1	1	20.29	20.24	20.28	21.5	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2541	2550.99	2554.99			
80	QPSK	1	1	20.26	20.19	20.15	21.5	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2550.02	2550.99	2550.99			
80	QPSK	1	1	20.27	20.19	20.20	21.5	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2551.01	2550.99	2550.99			
80	QPSK	1	1	20.29	20.19	20.20	21.5	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2545	2550.99	2550.99			
80	QPSK	1	1	20.28	20.20	20.22	21.5	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2545.04	50000	50000			
80	QPSK	1	1	20.28	20.20	20.22	21.5	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2551.02	50000	50000			
80	QPSK	1	1	20.28	20.20	20.22	21.5	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2551.01	50000	50000			
80	QPSK	1	1	20.34	20.18	20.21	21.5	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2551.04	50000	50000			
80	QPSK	1	1	20.29	20.20	20.20	21.5	0.0	

FCC_n41_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Type Ch. 1 (Freq.)	Frame Type Ch. 2 (Freq.)	Frame Type Ch. 3 (Freq.)	Time up (ms)	SFRS (dB)	
Channel				50000	50000	50000			
Frequency (MHz)				2545.01	2550.99	2556.99			
100	PSS-SSB	1	1	18.49	18.48	18.30			
100	PSS-SSB	1	137	18.45	18.34	18.37	21.0		
100	PSS-SSB	1	271	18.55	18.31	18.35			
100	PSS-SSB	20	0	18.58	18.37	18.42	21.0	0.0	
100	PSS-SSB	100	99	18.39	18.27	18.37	21.0	0.0	
100	PSS-SSB	120	138	18.36	18.27	18.33	21.0	0.0	
100	PSS-SSB	200	0	18.49	18.35	18.32			
100	QPSK	1	1	18.49	18.42	18.41			
100	QPSK	1	137	18.48	18.29	18.42	21.0	0.0	
100	QPSK	1	271	18.47	18.45	18.37			
100	QPSK	100	0	18.39	18.32	18.30	21.0	0.0	
100	QPSK	100	45	18.38	18.30	18.26	21.0	0.0	
100	QPSK	100	138	18.37	18.34	18.24	21.0	0.0	
100	QPSK	200	0	18.42	18.32	18.34	21.0	0.0	
100	QPSK	1	1	18.41	18.35	18.31	21.0	0.0	
100	QPSK	1	1	18.45	18.32	18.31	21.0	0.0	
100	QPSK	1	1	18.47	18.28	18.35	21.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2541	2550.99	2554.99			
80	QPSK	1	1	18.45	18.38	18.35	21.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2550.02	2550.99	2550.99			
80	QPSK	1	1	18.39	18.31	18.30	21.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2551.01	2550.99	2550.99			
80	QPSK	1	1	18.40	18.34	18.29	21.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2545	2550.99	2550.99			
80	QPSK	1	1	18.47	18.33	18.40	21.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2545.04	50000	50000			
80	QPSK	1	1	18.40	18.37	18.40	21.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2551.02	50000	50000			
80	QPSK	1	1	18.40	18.37	18.40	21.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2551.01	50000	50000			
80	QPSK	1	1	18.47	18.35	18.37	21.0	0.0	
Channel				50000	50000	50000			
Frequency (MHz)				2551.02	50000	50000			
80	QPSK	1	1	18.47	18.35	18.35	21.0	0.0	

Part27Q_n77_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Time Ch. 1 (T _{Frame})	Frame Rate Ch. 1 (F _{Frame})	Frame Rate Ch. 2 (F _{Frame})	Time-up Int. (μsec)	MFR (dB)	
Channel									
Frequency (MHz)				3500	3600	3600			
100	PSS-BPSK	1	1	15.92					
100	PSS-BPSK	1	137	15.94			16.5	0.0	
100	PSS-BPSK	1	271	15.92					
100	PSS-BPSK	96	0	15.92			16.5	0.0	
100	PSS-BPSK	126	96	15.96			16.5	0.0	
100	PSS-BPSK	126	138	15.78			16.5	0.0	
100	PSS-BPSK	201	0	15.92			16.5	0.0	
100	QPSK	1	1	15.92					
100	QPSK	1	137	15.92			16.5	0.0	
100	QPSK	1	271	15.92					
100	QPSK	126	0	15.96			16.5	0.0	
100	QPSK	126	42	15.97			16.5	0.0	
100	QPSK	126	138	15.94			16.5	0.0	
100	QPSK	270	0	15.92			16.5	0.0	
100	QPSK	1	1	15.92			16.5	0.0	
100	QPSK	1	1	15.91			16.5	0.0	
100	256QAM	1	1	15.79			16.5	0.0	
Channel									
Frequency (MHz)				3600	3600	3600			
80	QPSK	1	1	15.96		15.92	16.5	0.0	
Channel									
Frequency (MHz)				3600	3600	3600			
80	QPSK	1	1	15.94		15.94	16.5	0.0	
Channel									
Frequency (MHz)				3600	3600	3600			
80	QPSK	1	1	15.94		15.94	16.5	0.0	
Channel									
Frequency (MHz)				3600	3600	3600			
80	QPSK	1	1	15.92		15.92	16.5	0.0	
Channel									
Frequency (MHz)				3600	3600	3600			
80	QPSK	1	1	15.92		15.92	16.5	0.0	
Channel									
Frequency (MHz)				3600	3600	3600			
80	QPSK	1	1	15.92		15.92	16.5	0.0	

Part27Q_n77_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Time (T_{Frame})	Frame Rate (F_{Frame})	Frame Rate (F_{Frame})	Frame Rate (F_{Frame})	Time-up Int. (μ sec)	MFR (dB)
Channel									
Frequency (MHz)				3700	3800	3800			
100	PSS-BPSK	1	1	15.78		15.72			
100	PSS-BPSK	1	137	15.77		15.74	16.5	0.0	0.0
100	PSS-BPSK	1	271	15.67		15.62			
100	PSS-BPSK	96	0	15.78		15.62	16.5	0.0	0.0
100	PSS-BPSK	126	96	15.71		15.74	16.5	0.0	0.0
100	PSS-BPSK	126	138	15.76		15.77	15.71	0.0	0.0
100	PSS-BPSK	201	0	15.72		15.74	16.5	0.0	0.0
100	QPSK	1	137	15.53		15.68	15.61	0.0	0.0
100	QPSK	1	271	15.59		15.72	15.59		
100	QPSK	126	0	15.58		15.72	15.58	0.0	0.0
100	QPSK	126	42	15.58		15.67	15.51	0.0	0.0
100	QPSK	126	138	15.78		15.64	15.78	0.0	0.0
100	QPSK	270	0	15.72		15.72	15.72	0.0	0.0
100	256QAM	1	1	15.65		15.68	15.65	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.45		15.57	15.42	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.41		15.54	15.40	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.41		15.54	15.40	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	15.44	0.0	0.0
Channel									
Frequency (MHz)				3700	3800	3800			
80	QPSK	1	1	15.43		15.56	1		

Part27Q_n77_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Time (T _{Frame})	Frame Rate (F _{Frame})	Frame Rate (F _{Frame})	Time-up Int. (μsec)	MFR	
Channel									
Frequency (MHz)				3800	3800	3800			
100	PSS-BPSK	1	1	20.88					
100	PSS-BPSK	1	137	20.82			21.5	0.0	
100	PSS-BPSK	1	271	20.92					
100	PSS-BPSK	96	0	20.92			21.5	0.0	
100	PSS-BPSK	126	96	20.94			21.5	0.0	
100	PSS-BPSK	126	138	20.84			21.5	0.0	
100	PSS-BPSK	201	0	20.92			21.5	0.0	
100	QPSK	1	1	20.82					
100	QPSK	1	137	20.84			21.5	0.0	
100	QPSK	1	271	20.82					
100	QPSK	126	0	20.82			21.5	0.0	
100	QPSK	126	42	20.82			21.5	0.0	
100	QPSK	126	138	20.87			21.5	0.0	
100	QPSK	270	0	20.82			21.5	0.0	
100	QPSK	1	1	20.84			21.5	0.0	
100	QPSK	1	1	20.84			21.5	0.0	
100	256QAM	1	1	19.98			19.5	0.0	
Channel									
Frequency (MHz)				3800	3800	3800			
80	QPSK	1	1	20.87		20.81	20.81	0.0	
Channel									
Frequency (MHz)				3800	3800	3800			
80	QPSK	1	1	20.84		20.84	20.84	0.0	
Channel									
Frequency (MHz)				3800	3800	3800			
80	QPSK	1	1	20.84		20.84	20.84	0.0	
Channel									
Frequency (MHz)				3800	3800	3800			
80	QPSK	1	1	20.84		20.84	20.84	0.0	

Part27Q_n77_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Time Ch. 1 (T _{Frame})	Frame Rate Ch. 1 (F _{Frame})	Frame Rate Ch. 2 (F _{Frame})	Time-up Int. (μsec)	MFR (dB)	
Channel									
Frequency (MHz)				3900	3900	3900			
100	PSS-BPSK	1	1	20.93	20.93	20.88			
100	PSS-BPSK	1	137	20.94	20.94	20.88	21.5	0.0	
100	PSS-BPSK	1	271	20.93	20.93	20.88	20.93	0.0	
100	PSS-BPSK	96	0	20.93	20.93	20.88	20.93	0.0	
100	PSS-BPSK	126	96	20.79	20.80	20.71	21.5	0.0	
100	PSS-BPSK	126	138	20.86	20.86	20.73	20.86	0.0	
100	PSS-BPSK	201	0	20.87	20.87	20.78	20.87	0.0	
100	QPSK	1	1	20.74	20.74	20.69	20.74		
100	QPSK	1	137	20.85	20.85	20.69	21.5	0.0	
100	QPSK	1	271	20.86	20.86	20.77	20.86	0.0	
100	QPSK	126	0	20.87	20.87	20.88	20.86	0.0	
100	QPSK	126	96	20.84	20.84	20.75	20.84	0.0	
100	QPSK	126	138	20.87	20.87	20.50	20.87	0.0	
100	QPSK	201	0	20.90	20.90	20.50	21.5	0.0	
100	QPSK	201	138	20.89	20.89	20.50	20.89	0.0	
100	QPSK	201	271	20.79	20.79	20.43	21.5	0.0	
100	QPSK	201	405	20.88	20.88	20.43	20.88	0.0	
100	QPSK	201	539	20.87	20.87	20.43	20.87	0.0	
100	QPSK	201	673	20.86	20.86	20.43	20.86	0.0	
100	QPSK	201	807	20.85	20.85	20.43	20.85	0.0	
100	QPSK	201	941	20.84	20.84	20.43	20.84	0.0	
100	QPSK	201	1075	20.83	20.83	20.43	20.83	0.0	
100	QPSK	201	1209	20.82	20.82	20.43	20.82	0.0	
100	QPSK	201	1343	20.81	20.81	20.43	20.81	0.0	
100	QPSK	201	1477	20.80	20.80	20.43	20.80	0.0	
100	QPSK	201	1611	20.79	20.79	20.43	20.79	0.0	
100	QPSK	201	1745	20.78	20.78	20.43	20.78	0.0	
100	QPSK	201	1879	20.77	20.77	20.43	20.77	0.0	
100	QPSK	201	2013	20.76	20.76	20.43	20.76	0.0	
100	QPSK	201	2147	20.75	20.75	20.43	20.75	0.0	
100	QPSK	201	2281	20.74	20.74	20.43	20.74	0.0	
100	QPSK	201	2415	20.73	20.73	20.43	20.73	0.0	
100	QPSK	201	2549	20.72	20.72	20.43	20.72	0.0	
100	QPSK	201	2683	20.71	20.71	20.43	20.71	0.0	
100	QPSK	201	2817	20.70	20.70	20.43	20.70	0.0	
100	QPSK	201	2951	20.69	20.69	20.43	20.69	0.0	
100	QPSK	201	3085	20.68	20.68	20.43	20.68	0.0	
100	QPSK	201	3219	20.67	20.67	20.43	20.67	0.0	
100	QPSK	201	3353	20.66	20.66	20.43	20.66	0.0	
100	QPSK	201	3487	20.65	20.65	20.43	20.65	0.0	
100	QPSK	201	3621	20.64	20.64	20.43	20.64	0.0	
100	QPSK	201	3755	20.63	20.63	20.43	20.63	0.0	
100	QPSK	201	3889	20.62	20.62	20.43	20.62	0.0	
100	QPSK	201	4023	20.61	20.61	20.43	20.61	0.0	
100	QPSK	201	4157	20.60	20.60	20.43	20.60	0.0	
100	QPSK	201	4291	20.59	20.59	20.43	20.59	0.0	
100	QPSK	201	4425	20.58	20.58	20.43	20.58	0.0	
100	QPSK	201	4559	20.57	20.57	20.43	20.57	0.0	
100	QPSK	201	4693	20.56	20.56	20.43	20.56	0.0	
100	QPSK	201	4827	20.55	20.55	20.43	20.55	0.0	
100	QPSK	201	4961	20.54	20.54	20.43	20.54	0.0	
100	QPSK	201	5095	20.53	20.53	20.43	20.53	0.0	
100	QPSK	201	5229	20.52	20.52	20.43	20.52	0.0	
100	QPSK	201	5363	20.51	20.51	20.43	20.51	0.0	
100	QPSK	201	5497	20.50	20.50	20.43	20.50	0.0	
100	QPSK	201	5631	20.49	20.49	20.43	20.49	0.0	
100	QPSK	201	5765	20.48	20.48	20.43	20.48	0.0	
100	QPSK	201	5899	20.47	20.47	20.43	20.47	0.0	
100	QPSK	201	6033	20.46	20.46	20.43	20.46	0.0	
100	QPSK	201	6167	20.45	20.45	20.43	20.45	0.0	
100	QPSK	201	6301	20.44	20.44	20.43	20.44	0.0	
100	QPSK	201	6435	20.43	20.43	20.43	20.43	0.0	
100	QPSK	201	6569	20.42	20.42	20.43	20.42	0.0	
100	QPSK	201	6703	20.41	20.41	20.43	20.41	0.0	
100	QPSK	201	6837	20.40	20.40	20.43	20.40	0.0	
100	QPSK	201	6971	20.39	20.39	20.43	20.39	0.0	
100	QPSK	201	7105	20.38	20.38	20.43	20.38	0.0	
100	QPSK	201	7239	20.37	20.37	20.43	20.37	0.0	
100	QPSK	201	7373	20.36	20.36	20.43	20.36	0.0	
100	QPSK	201	7507	20.35	20.35	20.43	20.35	0.0	
100	QPSK	201	7641	20.34	20.34	20.43	20.34	0.0	
100	QPSK	201	7775	20.33	20.33	20.43	20.33	0.0	
100	QPSK	201	7909	20.32	20.32	20.43	20.32	0.0	
100	QPSK	201	8043	20.31	20.31	20.43	20.31	0.0	
100	QPSK	201	8177	20.30	20.30	20.43	20.30	0.0	
100	QPSK	201	8311	20.29	20.29	20.43	20.29	0.0	
100	QPSK	201	8445	20.28	20.28	20.43	20.28	0.0	
100	QPSK	201	8579	20.27	20.27	20.43	20.27	0.0	
100	QPSK	201	8713	20.26	20.26	20.43	20.26	0.0	
100	QPSK	201	8847	20.25	20.25	20.43	20.25	0.0	
100	QPSK	201	8981	20.24	20.24	20.43	20.24	0.0	
100	QPSK	201	9115	20.23	20.23	20.43	20.23	0.0	
100	QPSK	201	9249	20.22	20.22	20.43	20.22	0.0	
100	QPSK	201	9383	20.21	20.21	20.43	20.21	0.0	
100	QPSK	201	9517	20.20	20.20	20.43	20.20	0.0	
100	QPSK	201	9651	20.19	20.19	20.43	20.19	0.0	
100	QPSK	201	9785	20.18	20.18	20.43	20.18	0.0	
100	QPSK	201	9919	20.17	20.17	20.43	20.17	0.0	
100	QPSK	201	10053	20.16	20.16	20.43	20.16	0.0	
100	QPSK	201	10187	20.15	20.15	20.43	20.15	0.0	
100	QPSK	201	10321	20.14	20.14	20.43	20.14	0.0	
100	QPSK	201	10455	20.13	20.13	20.43	20.13	0.0	
100	QPSK	201	10589	20.12	20.12	20.43	20.12	0.0	
100	QPSK	201	10723	20.11	20.11	20.43	20.11	0.0	
100	QPSK	201	10857	20.10	20.10	20.43	20.10	0.0	
100	QPSK	201	10991	20.09	20.09	20.43	20.09	0.0	
100	QPSK	201	11125	20.08	20.08	20.43	20.08	0.0	
100	QPSK	201	11259	20.07	20.07	20.43	20.07	0.0	
100	QPSK	201	11393	20.06	20.06	20.43	20.06	0.0	
100	QPSK	201	11527	20.05	20.05	20.43	20.05	0.0	
100	QPSK	201	11661	20.04	20.04	20.43	20.04	0.0	
100	QPSK	201	11795	20.03	20.03	20.43	20.03	0.0	
100	QPSK	201	11929	20.02	20.02	20.43	20.02	0.0	
100	QPSK	201	12063	20.01	20.01	20.43	20.01	0.0	
100	QPSK	201	12197	20.00	20.00	20.43	20.00	0.0	
100	QPSK	201	12331	19.99	19.99	20.43	19.99	0.0	
100	QPSK	201	12465	19.98	19.98	20.43	19.98	0.0	
100	QPSK	201	12599	19.97	19.97	20.43	19.97	0.0	
100	QPSK	201	12733	19.96	19.96	20.43	19.96	0.0	
100	QPSK	201	12867	19.95	19.95	20.43	19.95	0.0	
100	QPSK	201	13001	19.94	19.94	20.43	19.94	0.0	
100	QPSK	201	13135	19.93	19.93	20.43	19.93	0.0	
100	QPSK	201	13269	19.92	19.92	20.43	19.92	0.0	
100	QPSK	201	13403	19.91	19.91	20.43	19.91	0.0	
100	QPSK	201	13537	19.90	19.90	20.43	19.90	0.0	
100	QPSK	201	13671	19.89	19.89	20.43	19.89	0.0	
100	QPSK	201	13805	19.88	19.88	20.43	19.88	0.0	
100	QPSK	201	13939	19.87	19.87	20.43	19.87	0.0	
100	QPSK	201	14073	19.86	19.86	20.43	19.86	0.0	
100	QPSK	201	14207	19.85	19.85	20.43	19.85	0.0	
100	QPSK	201	14341	19.84	19.84	20.43	19.84	0.0	
100	QPSK	201	14475	19.83	19.83	20.43	19.83	0.0	
100	QPSK	201	14609	19.82	19.82	20.43	19.82	0.0	
100	QPSK	201	14743	19.81	19.81	20.43	19.81	0.0	
100	QPSK	201	14877	19.80	19.80	20.43	19.80	0.0	
100	QPSK	201	15011	19.79	19.79	20.43	19.79	0.0	
100	QPSK	201	15145	19.78	19.78	20.43	19.78	0.0	
100	QPSK	201	15279	19.77	19.77	20.43	19.77	0.0	
100	QPSK	201	15413	19.76	19.76	20.43	19.76	0.0	
100	QPSK	201	15547	19.75	19.75	20.43	19.75	0.0	
100	QPSK	201	15681	19.74	19.74	20.43	19.74	0.0	
100	QPSK	201	15815	19.73	19.73	20.43	19.73	0.0	
100	QPSK	201	15949	19.72	19.72	20.43	19.72	0.0	
100	QPSK	201	16083	19.71	19.71	20.43	19.71	0.0	
100	QPSK	201	16217	19.70	19.70	20.43	19.70	0.0	
100	QPSK	201	16351	19.69	19.69	20.43	19.69	0.0	
100	QPSK	201	16485	19.68	19.68	20.43	19.68	0.0	
100	QPSK	201	16619	19.67	19.67	20.43	19.67	0.0	
100	QPSK	201</							

Part270_n77_Ant 7								
Job Name	Module	File Size	OS Offset	File Start Chk/FS	File End Chk/FS	File Len Chk/FS	Time on disk sec	MB/s
Channel								
				000000	000000	000000		
100	PV010000	1	1	1720	1732	12		0.0
100	PV010001	1	127	1734	1751	17	18.1	0.0
100	PV010002	128	128	1752	1769	17	18.1	0.0
100	PV010003	128	0	1770	1787	17	18.1	0.0
100	PV010004	128	127	1788	1805	17	18.1	0.0
100	PV010005	128	128	1806	1823	17	18.1	0.0
100	CP0101	1	1	1771	1783	12		0.0
100	CP0102	1	127	1784	1801	17	18.1	0.0
100	CP0103	1	221	1786	1803	17	18.1	0.0
100	CP0104	1	0	1790	1807	17	18.1	0.0
100	CP0105	128	128	1808	1825	17	18.1	0.0
100	CP0106	128	128	1826	1843	17	18.1	0.0
100	CP0107	128	128	1844	1861	17	18.1	0.0
100	CP0108	128	128	1862	1879	17	18.1	0.0
100	CP0109	128	128	1880	1897	17	18.1	0.0
100	CP0110	128	128	1898	1915	17	18.1	0.0
100	CP0111	128	128	1916	1933	17	18.1	0.0
100	CP0112	128	128	1934	1951	17	18.1	0.0
100	CP0113	128	128	1952	1969	17	18.1	0.0
100	CP0114	128	128	1970	1987	17	18.1	0.0
100	CP0115	128	128	1988	2005	17	18.1	0.0
100	CP0116	128	128	2006	2023	17	18.1	0.0
100	CP0117	128	128	2024	2041	17	18.1	0.0
100	CP0118	128	128	2042	2059	17	18.1	0.0
100	CP0119	128	128	2060	2077	17	18.1	0.0
100	CP0120	128	128	2078	2095	17	18.1	0.0
100	CP0121	128	128	2096	2113	17	18.1	0.0
100	CP0122	128	128	2114	2131	17	18.1	0.0
100	CP0123	128	128	2132	2149	17	18.1	0.0
100	CP0124	128	128	2150	2167	17	18.1	0.0
100	CP0125	128	128	2168	2185	17	18.1	0.0
100	CP0126	128	128	2186	2203	17	18.1	0.0
100	CP0127	128	128	2204	2221	17	18.1	0.0
100	CP0128	128	128	2222	2239	17	18.1	0.0
100	CP0129	128	128	2240	2257	17	18.1	0.0
100	CP0130	128	128	2258	2275	17	18.1	0.0
100	CP0131	128	128	2276	2293	17	18.1	0.0
100	CP0132	128	128	2294	2311	17	18.1	0.0
100	CP0133	128	128	2312	2329	17	18.1	0.0
100	CP0134	128	128	2330	2347	17	18.1	0.0
100	CP0135	128	128	2348	2365	17	18.1	0.0
100	CP0136	128	128	2366	2383	17	18.1	0.0
100	CP0137	128	128	2384	2401	17	18.1	0.0
100	CP0138	128	128	2402	2419	17	18.1	0.0
100	CP0139	128	128	2420	2437	17	18.1	0.0
100	CP0140	128	128	2438	2455	17	18.1	0.0
100	CP0141	128	128	2456	2473	17	18.1	0.0
100	CP0142	128	128	2474	2491	17	18.1	0.0
100	CP0143	128	128	2492	2509	17	18.1	0.0
100	CP0144	128	128	2510	2527	17	18.1	0.0
100	CP0145	128	128	2528	2545	17	18.1	0.0
100	CP0146	128	128	2546	2563	17	18.1	0.0
100	CP0147	128	128	2564	2581	17	18.1	0.0
100	CP0148	128	128	2582	2599	17	18.1	0.0
100	CP0149	128	128	2600	2617	17	18.1	0.0
100	CP0150	128	128	2618	2635	17	18.1	0.0
100	CP0151	128	128	2636	2653	17	18.1	0.0
100	CP0152	128	128	2654	2671	17	18.1	0.0
100	CP0153	128	128	2672	2689	17	18.1	0.0
100	CP0154	128	128	2690	2707	17	18.1	0.0
100	CP0155	128	128	2708	2725	17	18.1	0.0
100	CP0156	128	128	2726	2743	17	18.1	0.0
100	CP0157	128	128	2744	2761	17	18.1	0.0
100	CP0158	128	128	2762	2779	17	18.1	0.0
100	CP0159	128	128	2780	2797	17	18.1	0.0
100	CP0160	128	128	2798	2815	17	18.1	0.0
100	CP0161	128	128	2816	2833	17	18.1	0.0
100	CP0162	128	128	2834	2851	17	18.1	0.0
100	CP0163	128	128	2852	2869	17	18.1	0.0
100	CP0164	128	128	2870	2887	17	18.1	0.0
100	CP0165	128	128	2888	2905	17	18.1	0.0
100	CP0166	128	128	2906	2923	17	18.1	0.0
100	CP0167	128	128	2924	2941	17	18.1	0.0
100	CP0168	128	128	2942	2959	17	18.1	0.0
100	CP0169	128	128	2960	2977	17	18.1	0.0
100	CP0170	128	128	2978	2995	17	18.1	0.0
100	CP0171	128	128	2996	3013	17	18.1	0.0
100	CP0172	128	128	3014	3031	17	18.1	0.0
100	CP0173	128	128	3032	3049	17	18.1	0.0
100	CP0174	128	128	3050	3067	17	18.1	0.0
100	CP0175	128	128	3068	3085	17	18.1	0.0
100	CP0176	128	128	3086	3103	17	18.1	0.0
100	CP0177	128	128	3104	3121	17	18.1	0.0
100	CP0178	128	128	3122	3139	17	18.1	0.0
100	CP0179	128	128	3140	3157	17	18.1	0.0
100	CP0180	128	128	3158	3175	17	18.1	0.0
100	CP0181	128	128	3176	3193	17	18.1	0.0
100	CP0182	128	128	3194	3211	17	18.1	0.0
100	CP0183	128	128	3212	3229	17	18.1	0.0
100	CP0184	128	128	3230	3247	17	18.1	0.0
100	CP0185	128	128	3248	3265	17	18.1	0.0
100	CP0186	128	128	3266	3283	17	18.1	0.0
100	CP0187	128	128	3284	3301	17	18.1	0.0
100	CP0188	128	128	3302	3319	17	18.1	0.0
100	CP0189	128	128	3320	3337	17	18.1	0.0
100	CP0190	128	128	3338	3355	17	18.1	0.0
100	CP0191	128	128	3356	3373	17	18.1	0.0
100	CP0192	128	128	3374	3391	17	18.1	0.0
100	CP0193	128	128	3392	3409	17	18.1	0.0
100	CP0194	128	128	3410	3427	17	18.1	0.0
100	CP0195	128	128	3428	3445	17	18.1	0.0
100	CP0196	128	128	3446	3463	17	18.1	0.0
100	CP0197	128	128	3464	3481	17	18.1	0.0
100	CP0198	128	128	3482	3499	17	18.1	0.0
100	CP0199	128	128	3500	3517	17	18.1	0.0
100	CP0200	128	128	3518	3535	17	18.1	0.0
100	CP0201	128	128	3536	3553	17	18.1	0.0
100	CP0202	128	128	3554	3571	17	18.1	0.0
100	CP0203	128	128	3572	3589	17	18.1	0.0
100	CP0204	128	128	3590	3607	17	18.1	0.0
100	CP0205	128	128	3608	3625	17	18.1	0.0
100	CP0206	128	128	3626	3643	17	18.1	0.0
100	CP0207	128	128	3644	3661	17	18.1	0.0
100	CP0208	128	128	3662	3679	17	18.1	0.0
100	CP0209	128	128	3680	3697	17	18.1	0.0
100	CP0210	128	128	3698	3715	17	18.1	0.0
100	CP0211	128	128	3716	3733	17	18.1	0.0
100	CP0212	128	128	3734	3751	17	18.1	0.0
100	CP0213	128	128	3752	3769	17	18.1	0.0
100	CP0214	128	128	3770	3787	17	18.1	0.0
100	CP0215	128	128	3788	3805	17	18.1	0.0
100	CP0216	128	128	3806	3823	17	18.1	0.0
100	CP0217	128	128	3824	3841	17	18.1	0.0
100	CP0218	128	128	3842	3859	17	18.1	0.0
100	CP0219	128	128	3860	3877	17	18.1	0.0
100	CP0220	128	128	3878	3895	17	18.1	0.0
100	CP0221	128	128	3896	3913	17	18.1	0.0
100	CP0222	128	128	3914	3931	17	18.1	0.0
100	CP0223	128	128	3932	3949	17	18.1	0.0
100	CP0224	128	128	3950	3967	17	18.1	0.0
100	CP0225	128	128	3968	3985	17	18.1	0.0
100	CP0226	128	128	3986	4003	17	18.1	0.0
100	CP0227	128	128	4004	4021	17	18.1	0.0
100	CP0228	128	128	4022	4039	17	18.1	0.0
100	CP0229	128	128	4040	4057	17	18.1	0.0
100	CP0230	128	128	4058	4075	17	18.1	0.0
100	CP0231	128	128	4076	4093	17	18.1	0.0
100	CP0232	128	128	4094	4111	17	18.1	0.0
100	CP0233	128	128	4112	4129	17	18.1	0.0
100	CP0234	128	128	4130	4147	17	18.1	0.0
100	CP0235	128	128	4148	4165	17	18.1	0.0
100	CP0236	128	128	4166	4183	17	18.1	0.0
100	CP0237	128	128	4184	4201	17	18.1	0.0
100	CP0238	128	128	4202	4219	17	18.1	0.0
100	CP0239	128	128	4220	4237	17	18.1	0.0
100	CP0240	128	128	4238	4255	17	18.1	0.0
100	CP0241	128	128	4256	4273	17	18.1	0.0
100	CP0242	128	128	4274	4291	17	18.1	0.0
100	CP0243	128	128	4292	4309	17	18.1	0.0
100	CP0244	128	128	4310	4327	17	18.1	0.0
100	CP0245	128	128	4328	4345	17	18.1	0.0
100	CP0246	128	128	4346	4363	17	18.1	0.0
100	CP0247	128	128	4364	43			

Full & Default Power Mode_ENDC

n2_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dbm)	MPR (dB)
Channel				372000	376000	380000	24.5	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	23.09	23.12	23.11	24.5	0.0
20	PI2 BPSK	1	53	22.99	23.08	23.08		
20	PI2 BPSK	1	104	23.00	23.14	23.04		
20	PI2 BPSK	50	0	22.87	22.88	22.87	24.0	0.5
20	PI2 BPSK	50	28	22.94	23.08	23.00	24.5	0.0
20	PI2 BPSK	50	56	22.80	22.86	22.83	24.0	0.5
20	PI2 BPSK	100	0	22.59	22.62	22.62	24.5	0.0
20	QPSK	1	1	23.09	23.10	23.10		
20	QPSK	1	53	23.05	23.12	23.08		
20	QPSK	1	104	23.01	23.13	23.11	23.5	1.0
20	QPSK	50	0	21.94	22.06	21.96		
20	QPSK	50	28	22.97	23.08	23.01		
20	QPSK	50	56	22.82	22.11	22.01	23.5	1.0
20	QPSK	100	0	21.96	22.05	21.93	23.5	1.0
20	16QAM	1	1	21.87	21.70	21.63	23.5	1.0
20	64QAM	1	1	20.24	20.33	20.30	22.0	2.5
20	256QAM	1	1	18.82	18.88	18.87	20.0	4.5
Channel				371000	376000	380000	24.5	0.0
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.97	23.06	23.02	24.5	0.0
Channel				371000	376000	381000	24.5	0.0
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.03	23.02	22.94	24.5	0.0
Channel				370500	375000	381500	24.5	0.0
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.97	23.12	23.03	24.5	0.0

n2_Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dbm)	MPR (dB)
Channel				372000	376000	380000	24.5	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.68	22.70	22.68	24.5	0.0
20	PI2 BPSK	1	53	22.68	22.64	22.53		
20	PI2 BPSK	1	104	22.71	22.75	22.87		
20	PI2 BPSK	50	0	22.21	22.21	22.05	24.0	0.5
20	PI2 BPSK	50	28	22.58	22.66	22.85	24.5	0.0
20	PI2 BPSK	50	56	22.05	22.25	22.17	24.0	0.5
20	PI2 BPSK	100	0	22.24	22.19	22.15	24.5	0.0
20	QPSK	1	1	22.67	22.90	22.75		
20	QPSK	1	53	22.87	22.75	22.85		
20	QPSK	1	104	22.74	22.82	22.71	23.5	1.0
20	QPSK	50	0	21.56	21.63	21.56		
20	QPSK	50	28	22.93	22.62	22.57		
20	QPSK	50	56	21.70	21.68	21.76	23.5	1.0
20	QPSK	100	0	21.63	21.75	21.59	23.5	1.0
20	16QAM	1	1	21.55	21.58	21.53	23.5	1.0
20	64QAM	1	1	20.05	20.10	20.02	22.0	2.5
20	256QAM	1	1	18.49	18.57	18.65	20.0	4.5
Channel				371000	376000	380000	24.5	0.0
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.85	22.88	22.64	24.5	0.0
Channel				371000	376000	381000	24.5	0.0
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.74	22.78	22.66	24.5	0.0
Channel				370500	375000	381500	24.5	0.0
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.83	22.82	22.75	24.5	0.0

n2_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dbm)	MPR (dB)
Channel				372000	376000	380000	24.5	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.99	23.07	23.03	24.5	0.0
20	PI2 BPSK	1	53	23.02	23.05	22.99		
20	PI2 BPSK	1	104	22.96	23.02	22.96		
20	PI2 BPSK	50	0	22.44	22.57	22.42	24.0	0.5
20	PI2 BPSK	50	28	22.98	23.05	22.91	24.5	0.0
20	PI2 BPSK	50	56	22.41	22.52	22.51	24.0	0.5
20	PI2 BPSK	100	0	22.47	22.60	22.54	24.5	0.0
20	QPSK	1	1	23.06	23.14	23.10		
20	QPSK	1	53	23.00	23.12	23.02		
20	QPSK	1	104	23.06	23.13	23.08	23.5	1.0
20	QPSK	50	0	22.02	22.06	21.92		
20	QPSK	50	28	22.96	23.05	22.88		
20	QPSK	50	56	21.95	22.00	22.02	23.5	1.0
20	QPSK	100	0	21.81	21.95	21.93	23.5	1.0
20	16QAM	1	1	21.72	21.76	21.69	23.5	1.0
20	64QAM	1	1	20.09	20.19	20.10	22.0	2.5
20	256QAM	1	1	18.56	18.70	18.63	20.0	4.5
Channel				371000	376000	380000	24.5	0.0
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.96	23.01	23.07	24.5	0.0
Channel				371000	376000	381000	24.5	0.0
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.03	23.04	22.97	24.5	0.0
Channel				370500	375000	381500	24.5	0.0
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.94	23.03	23.02	24.5	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				166800	167300	167800	25.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	23.44	23.52	23.47	25.0	0.0
20	PI2 BPSK	1	53	23.49	23.66	23.66		
20	PI2 BPSK	1	104	23.43	23.56	23.52		
20	PI2 BPSK	50	0	23.03	23.19	23.14	24.5	0.5
20	PI2 BPSK	50	28	23.34	23.52	23.39	25.0	0.0
20	PI2 BPSK	50	56	22.96	23.08	22.96	24.5	0.5
20	PI2 BPSK	100	0	22.91	23.03	22.94		
20	QPSK	1	1	23.61	23.70	23.61	25.0	0.0
20	QPSK	1	53	23.38	23.55	23.55		
20	QPSK	1	104	23.45	23.59	23.58		
20	QPSK	50	0	22.56	22.71	22.59	24.0	1.0
20	QPSK	50	28	23.45	23.62	23.45	25.0	0.0
20	QPSK	50	56	22.96	22.49	22.28	24.0	1.0
20	QPSK	100	0	22.38	22.57	22.42	24.0	1.0
20	16QAM	1	1	22.38	22.53	22.45		
20	16QAM	1	1	21.00	21.00	20.94		
20	256QAM	1	1	19.42	19.53	19.31	20.5	4.5
Channel				166800	167300	167800	Tune-up limit [dBm]	MPR [dB]
Frequency (MHz)				831.5	836.5	841.5	25.0	0.0
15	QPSK	1	1	23.50	23.66	23.46	25.0	0.0
Channel				166800	167300	166800	Tune-up limit [dBm]	MPR [dB]
Frequency (MHz)				829	836.5	844	25.0	0.0
10	QPSK	1	1	23.59	23.55	23.57	25.0	0.0
Channel				165300	167300	169300	Tune-up limit [dBm]	MPR [dB]
Frequency (MHz)				826.5	836.5	846.5	25.0	0.0
5	QPSK	1	1	23.58	23.60	23.51	25.0	0.0

n5_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq]	Power Middle Ch. [Freq]	Power High Ch. [Freq]	Tune-up limit [dBm]	MPR [dB]
Channel				166800	167300	167800	25.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	23.42	23.48	23.39	25.0	0.0
20	PI2 BPSK	1	53	23.42	23.53	23.51		
20	PI2 BPSK	1	104	23.38	23.50	23.46		
20	PI2 BPSK	50	0	22.95	23.05	23.04	25.5	0.5
20	PI2 BPSK	50	28	23.31	23.46	23.32	25.0	0.0
20	PI2 BPSK	50	56	22.91	23.00	22.85	24.5	0.5
20	PI2 BPSK	100	0	22.87	23.02	22.91		
20	QPSK	1	1	23.51	23.56	23.55	25.0	0.0
20	QPSK	1	53	23.35	23.50	23.46		
20	QPSK	1	104	23.44	23.53	23.50		
20	QPSK	50	0	22.48	22.57	22.52	24.0	1.0
20	QPSK	50	28	23.35	23.52	23.42	25.0	0.0
20	QPSK	50	56	22.24	22.36	22.24	24.0	1.0
20	QPSK	100	0	22.35	22.45	22.35	24.0	1.0
20	16QAM	1	1	22.31	22.38	22.37		
20	16QAM	1	1	20.89	20.96	20.89		
20	256QAM	1	1	19.39	19.42	19.27	20.5	4.5
Channel				166800	167300	166800	Tune-up limit [dBm]	MPR [dB]
Frequency (MHz)				831.5	836.5	841.5	25.0	0.0
15	QPSK	1	1	23.45	23.55	23.53	25.0	0.0
Channel				166800	167300	166800	Tune-up limit [dBm]	MPR [dB]
Frequency (MHz)				829	836.5	844	25.0	0.0
10	QPSK	1	1	23.50	23.42	23.41	25.0	0.0
Channel				165300	167300	169300	Tune-up limit [dBm]	MPR [dB]
Frequency (MHz)				826.5	836.5	846.5	25.0	0.0
5	QPSK	1	1	23.41	23.49	23.51	25.0	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dbm)	MPR (dB)
Channel				502000	507000	512000	24.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	22.96	23.10	23.05	24.5	0.0
20	PI2 BPSK	1	53	22.91	23.05	23.01		
20	PI2 BPSK	1	104	22.86	23.06	22.94		
20	PI2 BPSK	50	0	22.55	22.62	22.50	24.0	0.5
20	PI2 BPSK	50	28	23.10	23.11	23.00	24.5	0.0
20	PI2 BPSK	50	56	22.63	22.60	22.50	24.0	0.5
20	PI2 BPSK	100	0	22.57	22.56	22.48	24.5	0.0
20	QPSK	1	1	23.06	23.12	23.06		
20	QPSK	1	53	23.04	23.06	22.94		
20	QPSK	1	104	22.95	23.09	22.96	23.5	1.0
20	QPSK	50	0	21.87	21.97	21.82	23.5	1.0
20	QPSK	50	28	23.02	23.08	23.07	24.5	0.0
20	QPSK	50	56	21.85	21.89	21.95	23.5	1.0
20	QPSK	100	0	21.86	22.00	21.94	23.5	1.0
20	16QAM	1	1	21.55	21.70	21.58	23.5	1.0
20	64QAM	1	1	20.19	20.20	20.10	22.0	2.5
20	256QAM	1	1	18.63	18.66	18.59	20.0	4.5
Channel				501000	507000	513000	24.5	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.96	23.09	22.94	24.5	0.0
Channel				501000	507000	513000	24.5	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.95	22.97	23.00	24.5	0.0
Channel				502000	507000	512000	24.5	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.01	23.04	22.95	24.5	0.0

n7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dbm)	MPR (dB)
Channel				502000	507000	512000	24.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	23.05	23.17	23.10	24.5	0.0
20	PI2 BPSK	1	53	23.01	23.06	23.09		
20	PI2 BPSK	1	104	23.04	23.17	23.06		
20	PI2 BPSK	50	0	22.55	22.61	22.46	24.0	0.5
20	PI2 BPSK	50	28	23.00	23.05	23.07	24.5	0.0
20	PI2 BPSK	50	56	22.55	22.63	22.45	24.0	0.5
20	PI2 BPSK	100	0	22.60	22.56	22.49	24.5	0.0
20	QPSK	1	1	23.11	23.20	23.16		
20	QPSK	1	53	23.06	23.13	23.05		
20	QPSK	1	104	22.95	23.19	23.11	23.5	1.0
20	QPSK	50	0	22.20	22.23	22.11	23.5	1.0
20	QPSK	50	28	23.08	23.05	23.03	24.5	0.0
20	QPSK	50	56	22.00	22.02	21.95	23.5	1.0
20	QPSK	100	0	22.07	22.13	22.11	23.5	1.0
20	16QAM	1	1	21.96	22.00	21.97	23.5	1.0
20	64QAM	1	1	20.47	20.56	20.47	22.0	2.5
20	256QAM	1	1	19.03	19.02	18.99	20.0	4.5
Channel				501000	507000	513000	24.5	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.99	23.07	23.04	24.5	0.0
Channel				501000	507000	513000	24.5	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.01	23.07	23.03	24.5	0.0
Channel				502000	507000	512000	24.5	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.99	23.15	23.04	24.5	0.0

n7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dbm)	MPR (dB)
Channel				502000	507000	512000	24.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	23.00	23.02	22.93	24.5	0.0
20	PI2 BPSK	1	53	22.92	22.97	22.96		
20	PI2 BPSK	1	104	22.86	22.86	22.92		
20	PI2 BPSK	50	0	22.51	22.56	22.52	24.0	0.5
20	PI2 BPSK	50	28	22.86	23.00	22.99	24.5	0.0
20	PI2 BPSK	50	56	22.52	22.60	22.48	24.0	0.5
20	PI2 BPSK	100	0	22.46	22.52	22.43	24.5	0.0
20	QPSK	1	1	23.06	23.06	23.02		
20	QPSK	1	53	22.85	23.02	22.85		
20	QPSK	1	104	22.86	23.00	22.93	23.5	1.0
20	QPSK	50	0	22.02	22.10	22.06	23.5	1.0
20	QPSK	50	28	22.50	22.98	23.03	24.5	0.0
20	QPSK	50	56	22.30	22.07	22.02	23.5	1.0
20	QPSK	100	0	21.92	21.99	21.95	23.5	1.0
20	16QAM	1	1	21.72	21.79	21.77	23.5	1.0
20	64QAM	1	1	20.34	20.35	20.29	22.0	2.5
20	256QAM	1	1	18.83	18.88	18.77	20.0	4.5
Channel				501000	507000	513000	24.5	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.83	23.03	22.97	24.5	0.0
Channel				501000	507000	513000	24.5	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.94	22.92	23.00	24.5	0.0
Channel				502000	507000	512000	24.5	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.93	22.97	22.98	24.5	0.0

n66_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dbm)	MPR (dB)	
Channel				345000	345000	353000	24.5	0.0	
Frequency (MHz)				1725	1745	1765			
30	PI2 BPSK	1	1	23.15	23.26	23.16	24.5	0.0	
30	PI2 BPSK	1	80	23.17	23.20	23.19			
30	PI2 BPSK	1	158	23.11	23.22	23.10			
30	PI2 BPSK	80	0	22.69	22.75	22.67	24.0	0.5	
30	PI2 BPSK	80	40	23.20	23.25	23.23	24.5	0.0	
30	PI2 BPSK	80	80	22.65	22.73	22.65	24.0	0.5	
30	PI2 BPSK	160	0	22.60	22.66	22.54	24.5	0.0	
30	QPSK	1	1	23.20	23.26	23.24			
30	QPSK	1	80	23.19	23.25	23.12			
30	QPSK	1	158	23.17	23.21	23.17	23.5	1.0	
30	QPSK	80	0	22.16	22.22	22.21			
30	QPSK	80	40	23.09	23.23	23.22	24.5	0.0	
30	QPSK	80	80	22.19	22.24	22.20	23.5	1.0	
30	QPSK	160	0	22.05	22.20	22.15	23.5	1.0	
30	16QAM	1	1	21.80	21.93	21.86	23.5	1.0	
30	64QAM	1	1	20.37	20.48	20.47	22.0	2.5	
30	256QAM	1	1	19.02	19.05	18.96	20.0	4.5	
Channel				345000	345000	354000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	24.5	0.0	
20	QPSK	1	1	23.08	23.19	23.16			
Channel				343500	349000	354500	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	24.5	0.0	
15	QPSK	1	1	23.11	23.22	23.16			
Channel				343000	349000	355000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	24.5	0.0	
10	QPSK	1	1	23.07	23.28	23.23			
Channel				342500	349000	355500	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	24.5	0.0	
5	QPSK	1	1	23.08	23.18	23.18			

n66_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dbm)	MPR (dB)	
Channel				345000	349000	353000	24.5	0.0	
Frequency (MHz)				1725	1745	1765			
30	PI2 BPSK	1	1	23.01	23.22	23.10	24.5	0.0	
30	PI2 BPSK	1	80	23.04	23.16	23.16			
30	PI2 BPSK	1	158	23.02	23.19	23.04			
30	PI2 BPSK	80	0	22.65	22.61	22.59	24.0	0.5	
30	PI2 BPSK	80	40	23.18	23.22	23.11	24.5	0.0	
30	PI2 BPSK	80	80	22.58	22.61	22.57	24.0	0.5	
30	PI2 BPSK	160	0	22.49	22.56	22.52	24.5	0.0	
30	QPSK	1	1	23.17	23.27	23.14			
30	QPSK	1	80	23.15	23.21	23.08			
30	QPSK	1	158	23.08	23.18	23.08	23.5	1.0	
30	QPSK	80	0	22.15	22.17	22.20			
30	QPSK	80	40	23.05	23.21	23.13	24.5	0.0	
30	QPSK	80	80	22.09	22.12	22.18	23.5	1.0	
30	QPSK	160	0	21.98	22.10	22.11	23.5	1.0	
30	16QAM	1	1	21.76	21.85	21.82	23.5	1.0	
30	64QAM	1	1	20.27	20.34	20.43	22.0	2.5	
30	256QAM	1	1	18.92	18.95	18.94	20.0	4.5	
Channel				345000	349000	354000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	24.5	0.0	
20	QPSK	1	1	23.10	23.14	23.10			
Channel				343500	349000	354500	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	24.5	0.0	
15	QPSK	1	1	23.02	23.24	23.04			
Channel				343000	349000	355000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	24.5	0.0	
10	QPSK	1	1	23.15	23.22	23.05			
Channel				342500	349000	355500	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	24.5	0.0	
5	QPSK	1	1	23.10	23.14	22.97			

n66_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dbm)	MPR (dB)	
Channel				345000	345000	353000	24.5	0.0	
Frequency (MHz)				1725	1745	1765			
30	PI2 BPSK	1	1	22.81	22.90	22.76	24.5	0.0	
30	PI2 BPSK	1	80	22.86	22.87	22.83			
30	PI2 BPSK	1	158	22.70	22.86	22.86			
30	PI2 BPSK	80	0	22.38	22.45	22.35	24.0	0.5	
30	PI2 BPSK	80	40	22.85	22.89	22.80	24.5	0.0	
30	PI2 BPSK	80	80	22.34	22.42	22.29	24.0	0.5	
30	PI2 BPSK	160	0	22.23	22.38	22.24	24.5	0.0	
30	QPSK	1	1	22.89	22.93	22.83			
30	QPSK	1	80	22.85	22.90	22.76			
30	QPSK	1	158	22.83	22.88	22.77	23.5	1.0	
30	QPSK	80	0	21.84	21.96	21.91			
30	QPSK	80	40	22.75	22.90	22.79	24.5	0.0	
30	QPSK	80	80	21.91	21.92	21.87	23.5	1.0	
30	QPSK	160	0	21.80	21.90	21.87	23.5	1.0	
30	16QAM	1	1	21.82	21.70	21.56	23.5	1.0	
30	64QAM	1	1	20.17	20.31	20.26	22.0	2.5	
30	256QAM	1	1	18.81	18.83	18.79	20.0	4.5	
Channel				345000	349000	354000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	24.5	0.0	
20	QPSK	1	1	22.72	22.82	22.68			
Channel				343500	349000	354500	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	24.5	0.0	
15	QPSK	1	1	22.78	22.82	22.74			
Channel				343000	349000	355000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	24.5	0.0	
10	QPSK	1	1	22.85	22.92	22.81			
Channel				342500	349000	355500	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	24.5	0.0	
5	QPSK	1	1	22.77	22.83	22.74			

n71_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				134.100	136.100	138.100	24.5	0.0
Frequency (MHz)				670.5	680.5	690.5		
15	PI/2 BPSK	1	1	23.17	23.16	23.22	24.5	0.0
15	PI/2 BPSK	1	40	23.12	23.18	23.04		
15	PI/2 BPSK	1	77	23.16	23.17	23.10	24.0	0.5
15	PI/2 BPSK	36	0	22.07	22.71	22.09		
15	PI/2 BPSK	36	22	23.15	23.22	23.07	24.0	0.5
15	PI/2 BPSK	36	43	22.66	22.67	22.62		
15	PI/2 BPSK	75	0	22.72	22.73	22.77	24.5	0.0
15	QPSK	1	1	23.26	23.26	23.21		
15	QPSK	1	40	23.17	23.25	23.18	24.5	0.0
15	QPSK	1	77	23.07	23.13	23.10		
15	QPSK	36	0	21.99	22.06	21.91	23.5	1.0
15	QPSK	36	22	23.15	23.25	23.18		
15	QPSK	36	43	22.09	22.10	22.06	23.5	1.0
15	QPSK	75	0	22.00	22.06	22.06		
15	16QAM	1	1	21.96	22.01	22.05	23.5	1.0
15	64QAM	1	1	20.51	20.55	20.37		
15	256QAM	1	1	19.11	19.14	19.13	20.0	4.5
Channel				133.100	136.100	139.100		
Frequency (MHz)				665	680.5	695	24.5	0.0
10	QPSK	1	1	23.16	23.19	23.25		
Channel				133.100	136.100	139.100	24.5	0.0
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.17	23.19	23.23	24.5	0.0

n71_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134.100	136.100	138.100	24.5	0.0
Frequency (MHz)				670.5	680.5	690.5		
15	PI/2 BPSK	1	1	23.26	23.30	23.26	24.5	0.0
15	PI/2 BPSK	1	40	23.18	23.21	23.13		
15	PI/2 BPSK	1	77	23.26	23.26	23.18	24.0	0.5
15	PI/2 BPSK	36	0	22.77	22.83	22.69		
15	PI/2 BPSK	36	22	23.23	23.25	23.12	24.0	0.5
15	PI/2 BPSK	36	43	22.74	22.76	22.67		
15	PI/2 BPSK	75	0	22.73	22.85	22.82	24.5	0.0
15	QPSK	1	1	23.24	23.26	23.24		
15	QPSK	1	40	23.26	23.32	23.22	23.5	1.0
15	QPSK	1	77	23.16	23.28	23.16		
15	QPSK	36	0	22.07	22.16	22.02	24.5	0.0
15	QPSK	36	22	23.27	23.28	23.25		
15	QPSK	36	43	22.19	22.21	22.17	23.5	1.0
15	QPSK	75	0	22.13	22.19	22.16		
15	16QAM	1	1	22.06	22.15	22.10	23.5	1.0
15	64QAM	1	1	20.60	20.63	20.48		
15	256QAM	1	1	19.25	19.28	19.15	20.0	4.5
Channel				133.100	136.100	139.100		
Frequency (MHz)				669	680.5	693	24.5	0.0
10	QPSK	1	1	23.31	23.28	23.27		
Channel				133.100	136.100	139.100	24.5	0.0
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.30	23.20	23.19	24.5	0.0

FCC_n41_Ant 1							
RF ID#	Module	RF SW	RF Other	Power Tx (dBm)	Power Rx (dBm)	Power Tx/Rx (dB)	Turn-on time (ms)
Channel							
	Frequency (MHz)			Power Tx (dBm)	Power Rx (dBm)	Power Tx/Rx (dB)	
100	FR2 2550.0	5	1	24.30	24.31	24.31	
100	FR2 2550.0	1	12F	24.31	24.30	24.30	24.0
100	FR2 2550.0	1	12F	24.30	24.32	24.30	
100	FR2 2550.0	155	5	24.30	24.30	24.30	
100	FR2 2550.0	155	12F	24.31	24.31	24.31	24.0
100	FR2 2550.0	155	12F	24.31	24.31	24.31	24.0
100	FR2 2550.0	155	16F	24.30	24.32	24.30	24.0
100	FR2 2550.0	245	5	24.30	24.30	24.30	24.0
100	FR2 2550.0	245	12F	24.31	24.31	24.31	24.0
100	FR2 2550.0	245	16F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	5	24.30	24.31	24.31	24.0
100	FR2 2550.0	255	12F	24.31	24.30	24.30	24.0
100	FR2 2550.0	255	16F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	20F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	24F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	28F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	32F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	36F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	40F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	44F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	48F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	52F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	56F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	60F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	64F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	68F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	72F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	76F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	80F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	84F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	88F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	92F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	96F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	100F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	104F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	108F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	112F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	116F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	120F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	124F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	128F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	132F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	136F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	140F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	144F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	148F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	152F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	156F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	160F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	164F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	168F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	172F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	176F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	180F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	184F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	188F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	192F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	196F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	200F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	204F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	208F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	212F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	216F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	220F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	224F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	228F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	232F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	236F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	240F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	244F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	248F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	252F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	256F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	260F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	264F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	268F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	272F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	276F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	280F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	284F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	288F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	292F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	296F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	300F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	304F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	308F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	312F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	316F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	320F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	324F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	328F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	332F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	336F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	340F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	344F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	348F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	352F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	356F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	360F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	364F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	368F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	372F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	376F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	380F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	384F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	388F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	392F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	396F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	400F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	404F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	408F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	412F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	416F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	420F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	424F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	428F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	432F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	436F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	440F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	444F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	448F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	452F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	456F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	460F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	464F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	468F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	472F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	476F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	480F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	484F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	488F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	492F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	496F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	500F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	504F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	508F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	512F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	516F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	520F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	524F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	528F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	532F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	536F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	540F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	544F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	548F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	552F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	556F	24.31	24.31	24.31	24.0
100	FR2 2550.0	255	560F	24.30	24.32	24.30	24.0
100	FR2 2550.0	255	564F				

[illegible]

FCC_n41_Ant 4										
IM (MHz)	Modulation	RB Size	QPS	Ch. Offset	Power (mW)	Power (mW)	Power (mW)	Time-slot (ms)	SRPS	
Channel					10000	51200	10000			
180	FPS (bps)	1	1	0	24.61	24.61	24.61	0.0	0.0	
180	FPS (bps)	1	1	107	24.61	24.61	24.67	0.0	0.0	
180	FPS (bps)	1	1	211	24.15	24.08	24.02	0.0	0.0	
180	FPS (bps)	15	5	231	24.61	24.61	24.61	0.0	0.0	
180	FPS (bps)	15	5	236	24.15	24.04	24.04	0.0	0.0	
180	FPS (bps)	15	5	241	24.61	24.61	24.61	0.0	0.0	
180	FPS (bps)	15	5	246	24.15	23.79	23.53	0.0	0.0	
180	QPSM	1	1	1	24.68	24.72	24.74	0.0	0.0	
180	QPSM	1	1	107	24.61	24.61	24.61	0.0	0.0	
180	QPSM	1	221	24.14	24.05	24.04	24.04	0.0	0.0	
180	QPSM	15	5	232	23.15	23.03	23.04	0.0	0.0	
180	QPSM	15	5	237	24.61	24.61	24.61	0.0	0.0	
180	QPSM	15	106	25.11	23.76	23.07	23.07	0.0	1.0	
180	QPSM	220	5	235	23.15	23.03	23.03	0.0	0.0	
180	SeQAM	1	1	1	24.61	24.61	24.61	0.0	1.0	
180	SeQAM	1	1	210.5	24.04	24.04	24.04	0.0	0.0	
180	2PQSSM	1	1	1	20.36	20.17	20.11	0.15	4.5	
90	Frequency (MHz)	1	1	1	24.61	24.61	24.61	0.0	0.0	
	CPM	1	1	1	24.20	24.16	24.13	24.09	0.0	0.0
	Frequency (MHz)	1	1	1	24.61	24.61	24.61	24.61	0.0	0.0
	CPM	1	1	1	24.27	24.16	24.10	24.04	0.0	0.0
75	Frequency (MHz)	1	1	1	24.61	24.61	24.61	0.0	0.0	
	CPM	1	1	1	24.25	24.22	24.07	24.04	0.0	0.0
	Frequency (MHz)	1	1	1	24.61	24.61	24.61	24.61	0.0	0.0
	CPM	1	1	1	24.28	24.22	24.07	24.04	0.0	0.0
60	Frequency (MHz)	1	1	1	24.61	24.61	24.61	0.0	0.0	
	CPM	1	1	1	24.24	24.21	24.06	24.03	0.0	0.0
	Frequency (MHz)	1	1	1	24.61	24.61	24.61	24.61	0.0	0.0
	CPM	1	1	1	24.26	24.21	24.06	24.03	0.0	0.0
45	Frequency (MHz)	1	1	1	24.61	24.61	24.61	0.0	0.0	
	CPM	1	1	1	24.22	24.19	24.04	24.01	0.0	0.0
	Frequency (MHz)	1	1	1	24.61	24.61	24.61	24.61	0.0	0.0
	CPM	1	1	1	24.24	24.19	24.04	24.01	0.0	0.0
30	Frequency (MHz)	1	1	1	24.61	24.61	24.61	0.0	0.0	
	CPM	1	1	1	24.18	24.16	24.00	23.98	0.0	0.0
	Frequency (MHz)	1	1	1	24.61	24.61	24.61	24.61	0.0	0.0
	CPM	1	1	1	24.20	24.16	24.00	23.98	0.0	0.0
15	Frequency (MHz)	1	1	1	24.61	24.61	24.61	0.0	0.0	
	CPM	1	1	1	24.14	24.14			0.0	0.0



Part27Q_n77_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Time (s)	Power (W)	Power (dBm)	Power (dBm)	Turn-up time (min)	Margin (dB)
Channel									
Frequency (MHz)									
100	Frequency (MHz)	1	1	20.00	300.00				
100	Power Spectral Density	1	132	22.27				23.0	0.0
100	Power Spectral Density	1	211	22.27					
100	Power Spectral Density	136	1	21.02				22.5	0.5
100	Power Spectral Density	136	94	21.08				22.5	0.0
100	Power Spectral Density	136	138	21.09				22.5	0.5
100	Power Spectral Density	200	0	21.74					
100	CPSS	1	1	20.02					
100	CPSS	1	137	22.33				23.0	0.0
100	CPSS	1	211	22.29					
100	CPSS	136	0	21.14				22.0	1.0
100	CPSS	136	94	21.07				22.0	0.0
100	CPSS	136	138	21.09				22.0	1.0
100	CPSS	270	0	22.04				22.5	1.0
100	ISCAH	1	1	21.01				22.5	1.0
100	ISCAH	1	1	19.47				22.5	1.0
100	ISCAH	1	1	19.01				22.5	1.0
Channel									
Frequency (MHz)									
100	CPSS	1	1	20.02	300.00	30.00	22.0	0.0	
100	CPSS	1	137	22.33	300.00	30.00	22.0	0.0	
100	CPSS	1	211	22.29	300.00	30.00	22.0	0.0	
100	CPSS	136	0	21.14	300.00	30.00	22.0	0.0	
100	CPSS	136	94	21.07	300.00	30.00	22.0	0.0	
100	CPSS	136	138	21.09	300.00	30.00	22.0	0.0	
100	CPSS	270	0	22.04	300.00	30.00	22.0	0.0	
100	ISCAH	1	1	21.01	300.00	30.00	22.0	0.0	
100	ISCAH	1	1	19.47	300.00	30.00	22.0	0.0	
100	ISCAH	1	1	19.01	300.00	30.00	22.0	0.0	

Part27Q_n77_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Time (s)	Power (W)	Power (dBm)	Power (dBm)	Turn-up time (min)	Margin (dB)
Channel									
Frequency (MHz)									
100	Frequency (MHz)	1	1	21.78	300.00				
100	Power Spectral Density	1	132	21.78				23.0	0.0
100	Power Spectral Density	1	211	21.79					
100	Power Spectral Density	136	1	21.08				22.5	0.5
100	Power Spectral Density	136	94	21.09				22.5	0.0
100	Power Spectral Density	136	138	21.09				22.5	0.5
100	Power Spectral Density	200	0	21.08					
100	CPSS	1	1	21.09					
100	CPSS	1	137	21.71				23.0	0.0
100	CPSS	1	211	21.69					
100	CPSS	136	0	20.91				22.0	1.0
100	CPSS	136	94	20.92				22.0	0.0
100	CPSS	136	138	20.92				22.0	1.0
100	CPSS	270	0	20.90				22.0	1.0
100	ISCAH	1	1	20.97				22.0	1.0
100	ISCAH	1	1	19.84				22.0	1.0
100	ISCAH	1	1	19.40				22.0	1.0
Channel									
Frequency (MHz)									
100	CPSS	1	1	21.77	300.00	30.00	22.0	0.0	
100	CPSS	1	137	21.72	300.00	30.00	22.0	0.0	
100	CPSS	1	211	21.72	300.00	30.00	22.0	0.0	
100	CPSS	136	0	20.92	300.00	30.00	22.0	0.0	
100	CPSS	136	94	20.92	300.00	30.00	22.0	0.0	
100	CPSS	136	138	20.92	300.00	30.00	22.0	0.0	
100	CPSS	270	0	20.92	300.00	30.00	22.0	0.0	
100	ISCAH	1	1	20.97	300.00	30.00	22.0	0.0	
100	ISCAH	1	1	19.84	300.00	30.00	22.0	0.0	
100	ISCAH	1	1	19.40	300.00	30.00	22.0	0.0	

Part27Q_n77_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Time (s)	Power (W)	Power (dBm)	Power (dBm)	Turn-up time (min)	Margin (dB)
Channel									
Frequency (MHz)									
100	Frequency (MHz)	1	1	20.00	300.00				
100	Power Spectral Density	1	132	22.27				23.0	0.0
100	Power Spectral Density	1	211	22.27					
100	Power Spectral Density	136	1	21.02				22.5	0.5
100	Power Spectral Density	136	94	21.08				22.5	0.0
100	Power Spectral Density	136	138	21.09				22.5	0.5
100	Power Spectral Density	200	0	21.74					
100	CPSS	1	1	20.02					
100	CPSS	1	137	22.33				23.0	0.0
100	CPSS	1	211	22.29					
100	CPSS	136	0	21.00				22.0	1.0
100	CPSS	136	94	20.99				22.0	0.0
100	CPSS	136	138	21.00				22.0	1.0
100	CPSS	270	0	22.04				22.5	1.0
100	ISCAH	1	1	21.01				22.5	1.0
100	ISCAH	1	1	19.46				22.5	1.0
100	ISCAH	1	1	19.01				22.5	1.0
Channel									
Frequency (MHz)									
100	CPSS	1	1	20.02	300.00	30.00	22.0	0.0	
100	CPSS	1	137	22.33	300.00	30.00	22.0	0.0	
100	CPSS	1	211	22.29	300.00	30.00	22.0	0.0	
100	CPSS	136	0	21.00	300.00	30.00	22.0	0.0	
100	CPSS	136	94	20.99	300.00	30.00	22.0	0.0	
100	CPSS	136	138	21.00	300.00	30.00	22.0	0.0	
100	CPSS	270	0	22.04	300.00	30.00	22.0	0.0	
100	ISCAH	1	1	21.01	300.00	30.00	22.0	0.0	
100	ISCAH	1	1	19.46	300.00	30.00	22.0	0.0	
100	ISCAH	1	1	19.01	300.00	30.00	22.0	0.0	

Part27Q_n77_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Time (s)	Power (W)	Power (dBm)	Power (dBm)	Turn-up time (min)	Margin (dB)
Channel									
Frequency (MHz)									
100	Frequency (MHz)	1	1	20.00	300.00				
100	Power Spectral Density	1	132	22.27				23.0	0.0
100	Power Spectral Density	1	211	22.24					
100	Power Spectral Density	136	1	21.02				22.5	0.5
100	Power Spectral Density	136	94	20.91				22.5	0.0
100	Power Spectral Density	136	138	21.00				22.5	0.5
100	Power Spectral Density	200	0	21.71					
100	CPSS	1	1	20.02					
100	CPSS	1	137	22.33				23.0	0.0
100	CPSS	1	211	22.31					
100	CPSS	136	0	21.00				22.0	1.0
100	CPSS	136	94	20.99				22.0	0.0
100	CPSS	136	138	21.00				22.0	1.0
100	CPSS	270	0	21.00				22.0	1.0
100	ISCAH	1	1	21.00				22.0	1.0
100	ISCAH	1	1	19.46				22.0	1.0
100	ISCAH	1	1	19.01				22.0	1.0
Channel									
Frequency (MHz)									
100	CPSS	1	1	20.02	300.00	30.00	22.0	0.0	
100	CPSS	1	137	22.33	300.00	30.00	22.0	0.0	
100	CPSS	1	211	22.28	300.00	30.00	22.0	0.0	
100	CPSS	136	0	21.00	300.00	30.00	22.0	0.0	
100	CPSS	136	94	20.99	300.00	30.00	22.0	0.0	
100	CPSS	136	138	21.00	300.00	30.00	22.0	0.0	
100	CPSS	270	0	21.00	300.00	30.00	22.0	0.0	
100	ISCAH	1	1	21.00	300.00	30.00	22.0	0.0	
100	ISCAH	1	1	19.46	300.00	30.00	22.0	0.0	
100	ISCAH	1	1	19.01	300.00	30.00	22.0	0.0	



Part27Q_n77_Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Time (s)	Power Max (dBm)	Power Avg (dBm)	Power Peak (dBm)	Turn-up time (min)	MFR (dB)
Channel									
Frequency (MHz)				3690.95					
100	PSSBPSK	1	1	22.28	23.54	23.57	23.50	0.0	
100	PSSBPSK	1	137	22.28					
100	PSSBPSK	1	271	22.28	23.21	22.97	21.88	23.0	0.0
100	PSSBPSK	16	1	22.97	23.89	23.43	22.27	22.5	0.5
100	PSSBPSK	136	94	22.98					
100	PSSBPSK	136	138	22.93	21.87	21.54	21.30	22.5	0.5
100	PSSBPSK	256	5	22.93					
100	QPSK	1	1	22.94					
100	QPSK	1	137	22.97	22.11	22.02	21.70	23.0	0.0
100	QPSK	1	271	22.95					
100	QPSK	136	5	21.59					
100	QPSK	136	94	22.95					
100	QPSK	136	138	21.57	20.96	20.75	20.57	22.5	1.0
100	QPSK	270	5	21.54					
100	SSBAM	1	1	21.45					
100	SSBAM	1	1	20.02					
100	SSBAM	1	1	19.97	19.05	17.98	16.5	4.5	
Channel									
Frequency (MHz)				3692.02	3690.95	3691	3691		
80	QPSK	1	1	22.59	22.58	22.63	22.5	0.0	
Channel									
Frequency (MHz)				3692	3690.95	3691.05	3691		
80	QPSK	1	1	22.52	22.58	22.63	22.5	0.0	
Channel									
Frequency (MHz)				3692.02	3690.95	3691	3691		
40	QPSK	1	1	22.52	22.58	22.63	22.5	0.0	
Channel									
Frequency (MHz)				3692.02	3690.95	3691	3691		
20	QPSK	1	1	22.59	22.58	22.63	22.5	0.0	

Part27Q_n77_Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Time (s)	Power Max (dBm)	Power Avg (dBm)	Power Peak (dBm)	Turn-up time (min)	MFR (dB)
Channel									
Frequency (MHz)				3700	3690	3690			
100	PSSBPSK	1	1	22.28	23.54	23.57	23.50	0.0	
100	PSSBPSK	1	137	22.28					
100	PSSBPSK	1	271	22.21	22.97	21.88			
100	PSSBPSK	16	1	22.99	23.43	22.27	22.5	0.5	
100	PSSBPSK	136	94	22.98					
100	PSSBPSK	136	138	21.87	21.54	21.30	22.5	0.5	
100	PSSBPSK	256	5	21.72	21.54	21.30			
100	QPSK	1	1	22.97	22.11	22.02	21.70		
100	QPSK	1	137	22.91	22.02	21.70	23.0	0.0	
100	QPSK	1	271	22.91	21.88	21.30			
100	QPSK	136	5	21.23	21.00	20.00	22.0	1.0	
100	QPSK	136	94	22.95					
100	QPSK	136	138	21.17	20.96	20.75	22.5	1.0	
100	QPSK	270	5	21.15	20.97	20.81	22.5	1.0	
100	SSBAM	1	1	21.13	20.91	20.81	22.5	1.0	
100	SSBAM	1	1	19.95	19.45	17.98	19.5	2.0	
100	SSBAM	1	1	19.27	19.05	17.98	19.5	4.5	
Channel									
Frequency (MHz)				3702.04	3690.95	3691	3691		
80	QPSK	1	1	22.52	21.91	21.87	22.0	0.0	
Channel									
Frequency (MHz)				3702.02	3690	3690.95	3691		
80	QPSK	1	1	22.52	22.58	22.63	22.5	0.0	
Channel									
Frequency (MHz)				3702	3690.95	3691	3691		
40	QPSK	1	1	22.52	22.58	22.63	22.5	0.0	
Channel									
Frequency (MHz)				3702.02	3690.95	3691	3691		
20	QPSK	1	1	22.52	22.58	22.63	22.5	0.0	

Part27Q_n77_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Time (s)	Power Max (dBm)	Power Avg (dBm)	Power Peak (dBm)	Turn-up time (min)	MFR (dB)
Channel									
Frequency (MHz)				3690.95					
100	PSSBPSK	1	1	22.28	23.54	23.57	23.50	0.0	
100	PSSBPSK	1	137	22.28					
100	PSSBPSK	1	271	22.82					
100	PSSBPSK	16	1	23.92					
100	PSSBPSK	136	94	23.98					
100	PSSBPSK	136	138	23.21	23.01	22.12	23.0	0.5	
100	PSSBPSK	256	5	23.98					
100	QPSK	1	1	23.93					
100	QPSK	1	137	23.51	23.02	21.70	24.5	0.0	
100	QPSK	1	271	23.59					
100	QPSK	136	5	22.72					
100	QPSK	136	94	23.95					
100	QPSK	136	138	22.98	22.15	21.1	24.5	1.0	
100	QPSK	270	5	22.97					
100	SSBAM	1	1	22.45					
100	SSBAM	1	1	20.98					
100	SSBAM	1	1	19.29	19.05	17.98	19.5	4.5	
Channel									
Frequency (MHz)				3692.02	3690.95	3691	3691		
80	QPSK	1	1	23.79	23.78	23.80	24.5	0.0	
Channel									
Frequency (MHz)				3692	3690.95	3691.05	3691		
80	QPSK	1	1	23.77	23.74	23.76	24.5	0.0	
Channel									
Frequency (MHz)				3692.02	3690.95	3691	3691		
40	QPSK	1	1	23.78	23.77	23.78	24.5	0.0	
Channel									
Frequency (MHz)				3692.02	3690.95	3691	3691		
20	QPSK	1	1	23.85	23.75	23.63	24.5	0.0	

Part27Q_n77_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Time (s)	Power Max (dBm)	Power Avg (dBm)	Power Peak (dBm)	Turn-up time (min)	MFR (dB)
Channel									
Frequency (MHz)				3690.95	3690	3690			
100	PSSBPSK	1	1	22.28	23.54	23.57	23.50	0.0	
100	PSSBPSK	1	137	22.28					
100	PSSBPSK	1	271	22.87	23.85	23.44			
100	PSSBPSK	16	1	23.92	23.93	22.81	24.0	0.5	
100	PSSBPSK	136	94	23.42	23.41	23.19	24.5	0.0	
100	PSSBPSK	136	138	23.01	23.12	22.92	24.0	0.5	
100	PSSBPSK	256	5	23.92	23.11	22.91			
100	QPSK	1	1	23.79	23.84	23.41			
100	QPSK	1	137	23.52	23.41	23.20	24.5	0.0	
100	QPSK	1	271	23.51	23.34	23.07			
100	QPSK	136	5	22.97	22.49	22.24	24.0	1.0	
100	QPSK	136	94	23.95					
100	QPSK	136	138	23.12	22.95	22.72	23.5	1.0	
100	QPSK	270	5	23.05	22.99	22.97	23.5	1.0	
100	SSBAM	1	1	22.74	22.26	22.00	22.5	1.0	
100	SSBAM	1	1	20.99	20.71	17.98	20.5	2.0	
100	SSBAM	1	1	19.29	19.05	17.98	19.5	4.5	
Channel									
Frequency (MHz)				3692.04	3690.95	3691	3691		
80	QPSK	1	1	23.76	23.68	23.40	24.5	0.0	
Channel									
Frequency (MHz)				3702.02	3690	3690.95	3691		
80	QPSK	1	1	23.76	23.68	23.40	24.5	0.0	
Channel									
Frequency (MHz)				3702	3690.95	3691	3691		
40	QPSK	1	1	23.76	23.68	23.40	24.5	0.0	
Channel									
Frequency (MHz)				3702.02	3690.95	3691	3691		
20	QPSK	1	1	23.85	23.45	23.30	24.5	0.0	

Reduced Power Mode for ECI 11

n2_Ant 1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Tune-up limit (dbm)	MPR (db)
Channel				372000	376000	380000	18.0	0.0
Frequency (MHz)				1860	1860	1900		
20	PI2 BPSK	1	1	16.42	16.43	16.56		
20	PI2 BPSK	1	53	16.49	16.50	16.51	18.0	0.0
20	PI2 BPSK	1	104	16.46	16.57	16.47		
20	PI2 BPSK	50	0	16.46	16.44	16.43		
20	PI2 BPSK	50	28	16.46	16.51	16.43	18.0	0.0
20	PI2 BPSK	50	56	16.36	16.46	16.39	18.0	0.0
20	PI2 BPSK	100	0	16.42	16.59	16.43		
20	QPSK	1	1	16.51	16.61	16.52		
20	QPSK	1	53	16.35	16.60	16.44	18.0	0.0
20	QPSK	1	104	16.53	16.51	16.50	18.0	0.0
20	QPSK	50	0	16.36	16.46	16.38		
20	QPSK	50	28	16.52	16.54	16.50		
20	QPSK	50	56	16.48	16.42	16.47	18.0	0.0
20	QPSK	100	0	16.41	16.52	16.49	18.0	0.0
20	16QAM	1	1	16.45	16.53	16.47		
20	64QAM	1	1	16.40	16.52	16.49		
20	256QAM	1	1	16.36	16.37	16.45	18.0	0.0
Channel				371000	376000	380000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1851.5	1860	1902.5		
15	QPSK	1	1	16.56	16.49	16.44		
Channel				371000	376000	381000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.51	16.47	16.45		
Channel				370000	376000	381000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.52	16.51	16.46	18.0	0.0

n2_Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Tune-up limit (dbm)	MPR (db)
Channel				372000	376000	380000	24.0	0.0
Frequency (MHz)				1860	1860	1900		
20	PI2 BPSK	1	1	22.26	22.37	22.24		
20	PI2 BPSK	1	53	22.29	22.33	22.18	24.0	0.0
20	PI2 BPSK	1	104	22.21	22.28	22.27		
20	PI2 BPSK	50	0	22.21	22.21	22.05		
20	PI2 BPSK	50	28	22.32	22.29	22.15	24.0	0.0
20	PI2 BPSK	50	56	22.05	22.25	22.17	24.0	0.0
20	PI2 BPSK	100	0	22.24	22.19	22.15		
20	QPSK	1	1	22.35	22.43	22.35		
20	QPSK	1	53	22.29	22.31	22.19	24.0	0.0
20	QPSK	1	104	22.32	22.29	22.29	23.5	0.5
20	QPSK	50	0	21.66	21.63	21.56		
20	QPSK	50	28	22.25	22.32	22.27		
20	QPSK	50	56	21.70	21.68	21.76	23.5	0.5
20	QPSK	100	0	21.63	21.75	21.59	23.5	0.5
20	16QAM	1	1	21.55	21.58	21.53		
20	64QAM	1	1	20.05	20.10	20.02		
20	256QAM	1	1	18.49	18.57	18.65	20.0	4.0
Channel				371000	376000	380000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1852.5	1880	1902.5		
15	QPSK	1	1	22.29	22.34	22.28		
Channel				371000	376000	381000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.24	22.32	22.25		
Channel				370000	376000	381000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.21	22.39	22.21	24.0	0.0

n2_Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Tune-up limit (dbm)	MPR (db)
Channel				372000	376000	380000	13.0	0.0
Frequency (MHz)				1860	1860	1900		
20	PI2 BPSK	1	1	11.23	11.42	11.31		
20	PI2 BPSK	1	53	11.35	11.39	11.42	13.0	0.0
20	PI2 BPSK	1	104	11.35	11.38	11.48		
20	PI2 BPSK	50	0	11.33	11.47	11.38		
20	PI2 BPSK	50	28	11.23	11.48	11.36	13.0	0.0
20	PI2 BPSK	50	56	11.36	11.33	11.45	13.0	0.0
20	PI2 BPSK	100	0	11.29	11.41	11.43		
20	QPSK	1	1	11.45	11.58	11.55		
20	QPSK	1	53	11.34	11.29	11.45	13.0	0.0
20	QPSK	1	104	11.35	11.56	11.44	13.0	0.0
20	QPSK	50	0	11.34	11.39	11.39		
20	QPSK	50	28	11.37	11.53	11.45		
20	QPSK	50	56	11.21	11.53	11.40	13.0	0.0
20	QPSK	100	0	11.40	11.46	11.37	13.0	0.0
20	16QAM	1	1	11.30	11.49	11.34		
20	64QAM	1	1	11.36	11.47	11.34		
20	256QAM	1	1	11.33	11.38	11.44	13.0	0.0
Channel				371000	376000	380000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1851.5	1860	1902.5		
15	QPSK	1	1	11.38	11.41	11.40		
Channel				371000	376000	381000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	11.32	11.37	11.53		
Channel				370000	376000	381000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	11.41	11.37	11.45	13.0	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				166800	167300	167800	25.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	23.44	23.52	23.47			
20	PI/2 BPSK	1	53	23.49	23.66	23.66	25.0	0.0	
20	PI/2 BPSK	1	104	23.43	23.55	23.52			
20	PI/2 BPSK	50	0	23.03	23.19	23.14		0.5	
20	PI/2 BPSK	50	28	23.34	23.52	23.39	25.0	0.0	
20	PI/2 BPSK	50	56	22.99	23.08	22.99		0.5	
20	PI/2 BPSK	100	0	22.91	23.03	22.94		0.0	
20	QPSK	1	1	23.61	23.70	23.61	25.0	0.0	
20	QPSK	1	53	23.58	23.56	23.55			
20	QPSK	1	104	23.45	23.59	23.58			
20	QPSK	50	0	22.56	22.71	22.59	24.0	1.0	
20	QPSK	50	28	23.46	23.62	23.48		0.0	
20	QPSK	50	56	22.30	22.49	22.28		1.0	
20	QPSK	100	0	22.38	22.57	22.42	24.0	1.0	
20	16QAM	1	1	22.36	22.53	22.45		1.0	
20	64QAM	1	1	21.00	21.00	20.94		2.5	
20	256QAM	1	1	19.42	19.53	19.31	20.5	4.5	
Channel				167300	167300	167300		Tune-up limit (dBm)	
Frequency (MHz)				831.5	836.5	841.5		MPR (dB)	
15	QPSK	1	1	23.50	23.66	23.46	25.0	0.0	
Channel				166800	167300	166800		Tune-up limit (dBm)	
Frequency (MHz)				829	836.5	844		MPR (dB)	
10	QPSK	1	1	23.58	23.50	23.57	25.0	0.0	
Channel				167300	167300	167300		Tune-up limit (dBm)	
Frequency (MHz)				836.5	836.5	846.5		MPR (dB)	
5	QPSK	1	1	23.58	23.60	23.51	25.0	0.0	

n5_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800	20.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	18.38	18.47	18.39			
20	PI/2 BPSK	1	53	18.48	18.51	18.35	20.0	0.0	
20	PI/2 BPSK	1	104	18.44	18.45	18.47		0.0	
20	PI/2 BPSK	50	0	18.45	18.39	18.35		0.0	
20	PI/2 BPSK	50	28	18.46	18.54	18.39	20.0	0.0	
20	PI/2 BPSK	50	56	18.42	18.47	18.40		0.0	
20	PI/2 BPSK	100	0	18.37	18.49	18.39		0.0	
20	QPSK	1	1	18.52	18.59	18.50	20.0	0.0	
20	QPSK	1	53	18.37	18.36	18.37		0.0	
20	QPSK	1	104	18.44	18.46	18.45		0.0	
20	QPSK	50	0	18.49	18.48	18.44	20.0	0.0	
20	QPSK	50	28	18.50	18.55	18.47		0.0	
20	QPSK	50	56	18.38	18.53	18.42		0.0	
20	QPSK	100	0	18.49	18.53	18.35	20.0	0.0	
20	16QAM	1	1	18.38	18.44	18.45		0.0	
20	64QAM	1	1	18.46	18.48	18.47		0.0	
20	256QAM	1	1	18.51	18.50	18.45	20.0	0.0	
Channel				167300	167300	167300		Tune-up limit (dBm)	
Frequency (MHz)				831.5	836.5	841.5		MPR (dB)	
15	QPSK	1	1	18.43	18.51	18.48	20.0	0.0	
Channel				166800	167300	166800		Tune-up limit (dBm)	
Frequency (MHz)				829	836.5	844		MPR (dB)	
10	QPSK	1	1	18.48	18.48	18.39	20.0	0.0	
Channel				167300	167300	167300		Tune-up limit (dBm)	
Frequency (MHz)				836.5	836.5	846.5		MPR (dB)	
5	QPSK	1	1	18.49	18.51	18.39	20.0	0.0	

n7_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	11.51	11.51	11.48	13.0	0.0	
20	PI/2 BPSK	1	53	11.46	11.57	11.37			
20	PI/2 BPSK	1	104	11.46	11.57	11.37			
20	PI/2 BPSK	50	0	11.46	11.57	11.37	13.0	0.0	
20	PI/2 BPSK	50	28	11.46	11.57	11.37	13.0	0.0	
20	PI/2 BPSK	50	56	11.46	11.57	11.37	13.0	0.0	
20	PI/2 BPSK	100	0	11.46	11.57	11.37			
20	QPSK	1	1	11.55	11.60	11.52			
20	QPSK	1	53	11.46	11.57	11.37	13.0	0.0	
20	QPSK	1	104	11.46	11.57	11.37	13.0	0.0	
20	QPSK	50	0	11.42	11.45	11.23			
20	QPSK	50	28	11.46	11.57	11.40			
20	QPSK	50	56	11.43	11.53	11.31	13.0	0.0	
20	QPSK	100	0	11.36	11.45	11.23	13.0	0.0	
20	16QAM	1	1	11.34	11.54	11.31			
20	64QAM	1	1	11.31	11.49	11.23			
20	256QAM	1	1	11.34	11.42	11.28	13.0	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	13.0	0.0	
15	QPSK	1	1	11.33	11.49	11.32			
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	13.0	0.0	
10	QPSK	1	1	11.29	11.42	11.24			
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	13.0	0.0	
5	QPSK	1	1	11.37	11.42	11.33			

n7_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	21.56	21.69	21.55	23.0	0.0	
20	PI/2 BPSK	1	53	21.47	21.57	21.60			
20	PI/2 BPSK	1	104	21.49	21.62	21.54			
20	PI/2 BPSK	50	0	21.51	21.63	21.59	23.0	0.0	
20	PI/2 BPSK	50	28	21.54	21.58	21.59	23.0	0.0	
20	PI/2 BPSK	50	56	21.48	21.60	21.51	23.0	0.0	
20	PI/2 BPSK	100	0	21.59	21.70	21.61			
20	QPSK	1	1	21.62	21.72	21.66			
20	QPSK	1	53	21.56	21.57	21.61	23.0	0.0	
20	QPSK	1	104	21.47	21.59	21.51	23.0	0.0	
20	QPSK	50	0	21.53	21.66	21.60			
20	QPSK	50	28	21.60	21.69	21.63			
20	QPSK	50	56	21.56	21.67	21.60	23.0	0.0	
20	QPSK	100	0	21.51	21.67	21.65	23.0	0.0	
20	16QAM	1	1	21.54	21.64	21.65			
20	64QAM	1	1	20.47	20.55	20.47			
20	256QAM	1	1	19.03	19.02	18.99	20.0	3.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	23.0	0.0	
15	QPSK	1	1	21.60	21.62	21.61			
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	23.0	0.0	
10	QPSK	1	1	21.48	21.60	21.64			
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	23.0	0.0	
5	QPSK	1	1	21.53	21.65	21.54			

n7_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	12.39	12.55	12.40	14.0	0.0	
20	PI/2 BPSK	1	53	12.37	12.52	12.37			
20	PI/2 BPSK	1	104	12.36	12.56	12.35			
20	PI/2 BPSK	50	0	12.41	12.47	12.34	14.0	0.0	
20	PI/2 BPSK	50	28	12.30	12.54	12.35	14.0	0.0	
20	PI/2 BPSK	50	56	12.39	12.50	12.43	14.0	0.0	
20	PI/2 BPSK	100	0	12.36	12.44	12.32			
20	QPSK	1	1	12.52	12.60	12.55			
20	QPSK	1	53	12.39	12.54	12.35	14.0	0.0	
20	QPSK	1	104	12.37	12.57	12.39	14.0	0.0	
20	QPSK	50	0	12.39	12.49	12.30			
20	QPSK	50	28	12.49	12.58	12.52			
20	QPSK	50	56	12.45	12.50	12.43	14.0	0.0	
20	QPSK	100	0	12.45	12.52	12.51	14.0	0.0	
20	16QAM	1	1	12.33	12.49	12.29			
20	64QAM	1	1	12.33	12.49	12.30			
20	256QAM	1	1	12.41	12.44	12.43	14.0	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	14.0	0.0	
15	QPSK	1	1	12.44	12.47	12.41			
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	14.0	0.0	
10	QPSK	1	1	12.49	12.53	12.40			
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	14.0	0.0	
5	QPSK	1	1	12.48	12.59	12.41			

n66_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				345000	349000	353000	18.0	0.0	
Frequency (MHz)				1725	1745	1765			
30	PI/2 BPSK	1	1	16.84	16.79	16.72	18.0	0.0	
30	PI/2 BPSK	1	80	16.83	16.69	16.51			
30	PI/2 BPSK	1	158	16.72	16.70	16.60			
30	PI/2 BPSK	80	0	16.70	16.70	16.53	18.0	0.0	
30	PI/2 BPSK	80	40	16.66	16.72	16.48	18.0	0.0	
30	PI/2 BPSK	80	80	16.87	16.72	16.54	18.0	0.0	
30	PI/2 BPSK	160	0	16.83	16.60	16.55			
30	QPSK	1	1	16.74	16.82	16.77			
30	QPSK	1	80	16.66	16.66	16.53	18.0	0.0	
30	QPSK	1	158	16.61	16.69	16.61	18.0	0.0	
30	QPSK	80	0	16.59	16.59	16.59			
30	QPSK	80	40	16.70	16.76	16.72			
30	QPSK	80	80	16.85	16.61	16.53	18.0	0.0	
30	QPSK	160	0	16.66	16.70	16.65	18.0	0.0	
30	16QAM	1	1	16.64	16.73	16.47			
30	64QAM	1	1	16.68	16.73	16.48			
30	256QAM	1	1	16.72	16.69	16.58	18.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	16.69	16.63	16.54	18.0	0.0	
Channel				343000	348000	353000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	16.04	16.61	16.47	18.0	0.0	
Channel				342000	346000	350000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	16.72	16.67	16.61	18.0	0.0	
Channel				342000	349000	355000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	16.69	16.65	16.48	18.0	0.0	

n66_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				345000	349000	353000	18.0	0.0	
Frequency (MHz)				1725	1745	1765			
30	PI/2 BPSK	1	1	23.01	23.22	23.10	24.5	0.0	
30	PI/2 BPSK	1	80	23.04	23.16	23.16			
30	PI/2 BPSK	1	158	23.02	23.19	23.04			
30	PI/2 BPSK	80	0	22.96	22.61	22.59	24.0	0.5	
30	PI/2 BPSK	80	40	23.18	23.22	23.11	24.5	0.0	
30	PI/2 BPSK	80	80	22.98	22.61	22.57	24.0	0.5	
30	PI/2 BPSK	160	0	22.49	22.56	22.52			
30	QPSK	1	1	22.17	23.27	23.15			
30	QPSK	1	80	23.15	23.21	23.08	24.5	0.0	
30	QPSK	1	158	23.08	23.18	23.08	23.5	1.0	
30	QPSK	80	0	22.15	22.17	22.20			
30	QPSK	80	40	23.05	23.21	23.13			
30	QPSK	80	80	22.09	22.12	22.18	23.5	1.0	
30	QPSK	160	0	21.98	22.10	22.11	23.5	1.0	
30	16QAM	1	1	21.76	21.85	21.82			
30	64QAM	1	1	20.27	20.34	20.43			
30	256QAM	1	1	18.92	18.95	18.94	20.0	4.5	
Channel				344000	349000	354000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.10	23.14	23.10	24.5	0.0	
Channel				343000	348000	353000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	22.82	23.24	23.04	24.5	0.0	
Channel				342000	346000	350000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.15	23.22	23.05	24.5	0.0	
Channel				342000	349000	355000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	23.10	23.14	22.97	24.5	0.0	

n66_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				345000	349000	353000	14.5	0.0	
Frequency (MHz)				1725	1745	1765			
30	PI/2 BPSK	1	1	12.70	12.80	12.87	14.5	0.0	
30	PI/2 BPSK	1	80	12.66	12.85	12.87			
30	PI/2 BPSK	1	158	12.66	12.83	12.82			
30	PI/2 BPSK	80	0	12.66	12.79	12.82	14.5	0.0	
30	PI/2 BPSK	80	40	12.68	12.81	12.82	14.5	0.0	
30	PI/2 BPSK	80	80	12.82	12.90	12.85	14.5	0.0	
30	PI/2 BPSK	160	0	12.64	12.91	12.85			
30	QPSK	1	1	12.66	12.90	12.85			
30	QPSK	1	80	12.66	12.82	12.85	14.5	0.0	
30	QPSK	1	158	12.64	12.86	12.78	14.5	0.0	
30	QPSK	80	0	12.82	12.82	12.77			
30	QPSK	80	40	12.74	12.92	12.90			
30	QPSK	80	80	12.82	12.85	12.83	14.5	0.0	
30	QPSK	160	0	12.72	12.88	12.82	14.5	0.0	
30	16QAM	1	1	12.60	12.82	12.81			
30	64QAM	1	1	12.68	12.85	12.86			
30	256QAM	1	1	12.72	12.82	12.88	14.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	12.62	12.91	12.84	14.5	0.0	
Channel				343000	348000	353000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	12.73	12.83	12.86	14.5	0.0	
Channel				342000	346000	350000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	12.70	12.91	12.87	14.5	0.0	
Channel				342000	349000	355000	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	12.60	12.77	12.82	14.5	0.0	

n71_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				134100	136100	138100	24.5	0.0	
Frequency (MHz)				670.5	680.5	690.5			
15	PI2 BPSK	1	1	23.17	23.16	23.22			
15	PI2 BPSK	1	40	23.12	23.18	23.04	24.5	0.0	
15	PI2 BPSK	1	77	23.16	23.17	23.10	24.5	0.0	
15	PI2 BPSK	36	0	23.07	22.71	23.59	24.5	0.0	
15	PI2 BPSK	36	22	23.15	23.22	23.07	24.5	0.0	
15	PI2 BPSK	36	43	22.96	22.87	22.82	24.0	0.5	
15	PI2 BPSK	75	0	22.72	22.73	22.77	24.0	0.0	
15	QPSK	1	1	23.25	23.28	23.21	24.5	0.0	
15	QPSK	1	40	23.17	23.26	23.18			
15	QPSK	1	77	23.07	23.13	23.10			
15	QPSK	36	0	21.99	22.06	21.91	23.5	1.0	
15	QPSK	36	22	23.15	23.25	23.18	24.5	0.0	
15	QPSK	36	43	22.09	22.10	22.06	23.5	1.0	
15	QPSK	75	0	22.00	22.06	22.06	23.5	1.0	
15	16QAM	1	1	21.96	22.01	22.05	23.5	1.0	
15	64QAM	1	1	20.51	20.55	20.37	22.0	2.5	
15	256QAM	1	1	19.11	19.14	19.13	20.0	4.5	
Channel				135000	136100	136000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	668.5	669	24.5	0.0	
10	QPSK	1	1	23.16	23.19	23.25			
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	660.5	695.5	24.5	0.0	
5	QPSK	1	1	23.17	23.19	23.23			

n71_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134100	136100	138100	22.0	0.0	
Frequency (MHz)				670.5	680.5	690.5			
15	PI2 BPSK	1	1	20.71	20.73	20.63			
15	PI2 BPSK	1	40	20.66	20.73	20.69	22.0	0.0	
15	PI2 BPSK	1	77	20.68	20.74	20.63	22.0	0.0	
15	PI2 BPSK	36	0	20.63	20.74	20.62	22.0	0.0	
15	PI2 BPSK	36	22	20.72	20.74	20.60	22.0	0.0	
15	PI2 BPSK	36	43	20.62	20.70	20.69	22.0	0.0	
15	PI2 BPSK	75	0	20.62	20.70	20.70	22.0	0.0	
15	QPSK	1	1	20.62	20.63	20.60	22.0	0.0	
15	QPSK	1	40	20.65	20.64	20.67			
15	QPSK	1	77	20.60	20.64	20.57			
15	QPSK	36	0	20.67	20.73	20.68	22.0	0.0	
15	QPSK	36	22	20.71	20.84	20.74	22.0	0.0	
15	QPSK	36	43	20.67	20.75	20.64	22.0	0.0	
15	QPSK	75	0	20.78	20.80	20.76	22.0	0.0	
15	16QAM	1	1	20.66	20.74	20.62	22.0	0.0	
15	64QAM	1	1	20.60	20.63	20.48	22.0	0.0	
15	256QAM	1	1	19.25	19.28	19.15	20.0	2.0	
Channel				135000	136100	136000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	668.5	669	22.0	0.0	
10	QPSK	1	1	20.61	20.67	20.65			
Channel				133100	136100	139100			
Frequency (MHz)				665.5	660.5	695.5	22.0	0.0	
5	QPSK	1	1	20.67	20.72	20.69			

FCC_n41_Ant 1									
BW (MHz)	Modulation	FE Size	FE Offset	Power Low Ch. (Frac.)	Power Meds Ch. (Frac.)	Power High Ch. (Frac.)	Turn-up time (sec)	MFR (dB)	
Channel									
Frequency (MHz)									
150	PI2 BPSK	1	1	11.25	11.14	11.16	13.0	0.0	
150	PI2 BPSK	1	137	11.25	11.17	11.16	13.0	0.0	
150	PI2 BPSK	1	231	11.25	11.14	11.16	13.0	0.0	
150	PI2 BPSK	130	0	11.15	11.15	11.17	13.0	0.0	
150	PI2 BPSK	130	66	11.15	11.21	11.15	13.0	0.0	
150	PI2 BPSK	130	138	11.22	11.24	11.15	13.0	0.0	
150	PI2 BPSK	210	0	11.15	11.22	11.15	13.0	0.0	
150	QPSK	1	1	11.25	11.14	11.16	13.0	0.0	
150	QPSK	1	137	11.25	11.15	11.16	13.0	0.0	
150	QPSK	130	0	11.25	11.12	11.15	13.0	0.0	
150	QPSK	130	66	11.25	11.22	11.15	13.0	0.0	
150	QPSK	130	138	11.15	11.22	11.23	13.0	0.0	
150	QPSK	210	0	11.25	11.24	11.15	13.0	0.0	
150	WCDMA	1	1	11.25	11.17	11.14	13.0	0.0	
150	WCDMA	1	137	11.25	11.14	11.14	13.0	0.0	
150	WCDMA	1	1	11.15	11.15	11.15	13.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	11.05	11.15	11.15	13.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	11.05	11.22	11.17	13.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	11.22	11.12	11.15	13.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	11.25	11.14	11.14	13.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	11.25	11.15	11.17	13.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	11.22	11.15	11.15	13.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	11.25	11.24	11.15	13.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	11.27	11.24	11.15	13.0	0.0	

FCC_n41_Ant 2									
BW (MHz)	Modulation	FE Size	FE Offset	Power Low Ch. (Frac.)	Power Meds Ch. (Frac.)	Power High Ch. (Frac.)	Turn-up time (sec)	MFR (dB)	
Channel									
Frequency (MHz)									
150	PI2 BPSK	1	1	21.15	21.11	21.17	20.0	0.0	
150	PI2 BPSK	1	137	21.12	21.08	21.07	20.0	0.0	
150	PI2 BPSK	1	231	21.15	21.14	21.07	20.0	0.0	
150	PI2 BPSK	130	0	21.05	21.13	21.05	20.0	0.0	
150	PI2 BPSK	130	66	21.21	21.15	21.15	20.0	0.0	
150	PI2 BPSK	130	138	21.01	21.14	21.03	20.0	0.0	
150	PI2 BPSK	210	0	21.03	21.05	21.17	20.0	0.0	
150	QPSK	1	1	21.15	21.07	21.12	20.0	0.0	
150	QPSK	1	137	21.15	21.14	21.12	20.0	0.0	
150	QPSK	130	0	21.15	21.15	21.11	20.0	0.0	
150	QPSK	130	66	21.15	21.15	21.05	20.0	0.0	
150	QPSK	130	66	21.11	21.14	21.11	20.0	0.0	
150	QPSK	130	138	21.05	21.05	21.10	20.0	0.0	
150	QPSK	210	0	21.05	21.15	21.17	20.0	0.0	
150	WCDMA	1	1	21.02	21.10	21.14	20.0	0.0	
150	WCDMA	1	1	21.15	21.14	21.15	20.0	0.0	
150	WCDMA	1	1	20.15	20.15	20.15	20.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	21.04	21.15	21.05	20.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.15	21.05	21.15	20.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	21.12	21.05	21.05	20.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	21.15	21.17	21.05	20.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	21.15	21.15	21.15	20.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	21.15	21.05	21.05	20.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.10	21.15	21.15	20.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.01	21.15	21.11	20.0	0.0	

FCC_n41_Ant 4									
BW (MHz)	Modulation	FE Size	FE Offset	Power Low Ch. (Frac.)	Power Meds Ch. (Frac.)	Power High Ch. (Frac.)	Turn-up time (sec)	MFR (dB)	
Channel									
Frequency (MHz)									
150	PI2 BPSK	1	1	12.15	12.11	12.11	14.0	0.0	
150	PI2 BPSK	1	137	12.12	12.13	12.23	14.0	0.0	
150	PI2 BPSK	1	231	12.15	12.14	12.15	14.0	0.0	
150	PI2 BPSK	130	0	12.17	12.22	12.17	14.0	0.0	
150	PI2 BPSK	130	66	12.24	12.25	12.23	14.0	0.0	
150	PI2 BPSK	130	66	12.45	12.13	12.21	14.0	0.0	
150	PI2 BPSK	210	0	12.15	12.25	12.23	14.0	0.0	
150	QPSK	1	1	12.15	12.17	12.15	14.0	0.0	
150	QPSK	1	137	12.15	12.20	12.13	14.0	0.0	
150	QPSK	1	231	12.15	12.15	12.11	14.0	0.0	
150	QPSK	130	0	12.15	12.25	12.11	14.0	0.0	
150	QPSK	130	66	12.11	12.15	12.15	14.0	0.0	
150	QPSK	130	138	12.15	12.15	12.15	14.0	0.0	
150	QPSK	210	0	12.15	12.23	12.15	14.0	0.0	
150	WCDMA	1	1	12.12	12.15	12.21	14.0	0.0	
150	WCDMA	1	1	12.15	12.14	12.15	14.0	0.0	
150	WCDMA	1	1	11.15	11.15	11.15	14.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	12.12	12.14	12.23	14.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	12.15	12.15	12.21	14.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	12.11	12.15	12.15	14.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	12.15	12.25	12.11	14.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	12.15	12.15	12.15	14.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	12.15	12.15	12.15	14.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	12.15	12.15	12.15	14.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	12.13	12.22	12.23	14.0	0.0	

Part27Q_n77_Ant 1									
SV [MHz]	Modulation	RF Size	RF Offset	Power Low Ch. [Frac.]	Power Main Ch. [Frac.]	Power High Ch. [Frac.]	Turn-up time (dB)	MFR (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	12.23	12.23	12.27		13.5	0.0
100	P12-BPSK	1	137	12.23	12.23	12.23			
100	P12-BPSK	1	271	12.23	12.23	12.45		13.5	0.0
100	P12-BPSK	100	0	12.23	12.23	12.45			
100	P12-BPSK	100	66	12.23	12.23	12.41		13.5	0.0
100	P12-BPSK	100	138	12.23	12.23	12.41			
100	P12-BPSK	270	0	12.23	12.23	12.38		13.5	0.0
100	CPSS	1	1	12.23	12.23	12.38			
100	CPSS	1	137	12.23	12.23	12.41		13.5	0.0
100	CPSS	1	271	12.23	12.23	12.41			
100	CPSS	100	0	12.23	12.23	12.38		13.5	0.0
100	CPSS	100	66	12.23	12.23	12.38			
100	CPSS	100	138	12.23	12.23	12.38		13.5	0.0
100	CPSS	270	0	12.23	12.23	12.38			
100	HCWMA	1	1	12.23	12.23	12.38		13.5	0.0
100	SSB-CW	1	1	12.23	12.23	12.38			
Channel									
Frequency (MHz)									
80	CPSS	1	1	12.36	12.74	12.71	13.5	0.0	0.0
Channel									
Frequency (MHz)									
80	CPSS	1	1	12.76	12.77	12.79	13.5	0.0	0.0
Channel									
Frequency (MHz)									
40	CPSS	1	1	12.74	12.84	12.79	13.5	0.0	0.0
Channel									
Frequency (MHz)									
30	CPSS	1	1	12.79	12.85	12.86	13.5	0.0	0.0
Channel									
Frequency (MHz)									
20	CPSS	1	1	12.78	12.83	12.72	13.5	0.0	0.0

Part27Q_n77_Ant 1									
SV [MHz]	Modulation	RF Size	RF Offset	Power Low Ch. [Frac.]	Power Main Ch. [Frac.]	Power High Ch. [Frac.]	Turn-up time (dB)	MFR (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	12.23	12.23	12.27	13.5	0.0	0.0
100	P12-BPSK	1	137	12.23	12.23	12.23			
100	P12-BPSK	1	271	12.23	12.23	12.45	13.5	0.0	0.0
100	P12-BPSK	100	0	12.23	12.23	12.45			
100	P12-BPSK	100	66	12.23	12.23	12.41	13.5	0.0	0.0
100	P12-BPSK	100	138	12.23	12.23	12.41			
100	P12-BPSK	270	0	12.23	12.23	12.38	13.5	0.0	0.0
100	CPSS	1	1	12.23	12.23	12.38			
100	CPSS	1	137	12.23	12.23	12.41	13.5	0.0	0.0
100	CPSS	1	271	12.23	12.23	12.41			
100	CPSS	100	0	12.23	12.23	12.38	13.5	0.0	0.0
100	CPSS	100	66	12.23	12.23	12.38			
100	CPSS	100	138	12.23	12.23	12.41	13.5	0.0	0.0
100	CPSS	200	0	12.23	12.23	12.41			
100	HCWMA	1	1	12.23	12.23	12.40	13.5	0.0	0.0
100	HCWMA	1	1	12.23	12.23	12.40			
100	SSB-CW	1	1	12.23	12.23	12.40	13.5	0.0	0.0
100	SSB-CW	1	1	12.23	12.23	12.40			
Channel									
Frequency (MHz)									
80	CPSS	1	1	12.36	12.50	12.42	13.5	0.0	0.0
Channel									
Frequency (MHz)									
80	CPSS	1	1	12.50	12.48	12.42	13.5	0.0	0.0
Channel									
Frequency (MHz)									
40	CPSS	1	1	12.50	12.54	12.46	13.5	0.0	0.0
Channel									
Frequency (MHz)									
30	CPSS	1	1	12.54	12.55	12.46	13.5	0.0	0.0
Channel									
Frequency (MHz)									
20	CPSS	1	1	12.55	12.53	12.46	13.5	0.0	0.0

Part27Q_n77_Ant 3											
SV [MHz]	Modulation	RF Size	RF Offset	Power Low Ch. [Frac.]	Power Main Ch. [Frac.]	Power High Ch. [Frac.]	Turn-up time (dB)	MFR			
Channel											
Frequency (MHz)											
100	P12-BPSK	1	1	12.23	12.23	12.27		11.0	0.0		
100	P12-BPSK	1	137	12.23	12.23	12.23					
100	P12-BPSK	1	271	12.23	12.23	12.45		11.0	0.0		
100	P12-BPSK	100	0	12.23	12.23	12.45					
100	P12-BPSK	100	66	12.23	12.23	12.41		11.0	0.0		
100	P12-BPSK	100	138	12.23	12.23	12.41					
100	CPSS	1	1	12.23	12.23	12.38		11.0	0.0		
100	CPSS	1	137	12.23	12.23	12.41					
100	CPSS	1	271	12.23	12.23	12.41		11.0	0.0		
100	CPSS	100	0	12.23	12.23	12.38					
100	CPSS	100	66	12.23	12.23	12.38		11.0	0.0		
100	CPSS	100	138	12.23	12.23	12.41					
100	CPSS	270	0	12.23	12.23	12.41		11.0	0.0		
100	CPSS	1	1	12.23	12.23	12.38					
100	HCWMA	1	1	12.23	12.23	12.40		11.0	0.0		
100	HCWMA	1	1	12.23	12.23	12.40					
100	SSB-CW	1	1	12.23	12.23	12.40		11.0	0.0		
100	SSB-CW	1	1	12.23	12.23	12.40					
Channel											
Frequency (MHz)											
80	CPSS	1	1	12.40	12.76	12.42	11.0	0.0	0.0		
Channel											
Frequency (MHz)											
80	CPSS	1	1	12.76	12.74	12.42	11.0	0.0	0.0		
Channel											
Frequency (MHz)											
40	CPSS	1	1	12.74	12.84	12.42	11.0	0.0	0.0		
Channel											
Frequency (MHz)											
30	CPSS	1	1	12.74	12.85	12.46	11.0	0.0	0.0		
Channel											
Frequency (MHz)											
20	CPSS	1	1	12.76	12.83	12.43	11.0	0.0	0.0		

Part27Q_n77_Ant 3									
SV [MHz]	Modulation	RF Size	RF Offset	Power Low Ch. [Frac.]	Power Main Ch. [Frac.]	Power High Ch. [Frac.]	Turn-on time (dB)	MFR	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	12.24	12.27	12.30		11.0	0.0
100	P12-BPSK	1	137	12.23	12.23	12.23			
100	P12-BPSK	1	271	12.18	12.20	12.23		11.0	0.0
100	P12-BPSK	100	0	12.23	12.23	12.23			
100	P12-BPSK	100	66	12.18	12.20	12.19		11.0	0.0
100	P12-BPSK	100	138	12.23	12.20	12.20			
100	P12-BPSK	270	0	12.23	12.20	12.20		11.0	0.0
100	CPSS	1	1	12.18	12.20	12.20			
100	CPSS	1	137	12.18	12.20	12.20		11.0	0.0
100	CPSS	1	271	12.18	12.17	12.20			
100	CPSS	100	0	12.23	12.20	12.20		11.0	0.0
100	CPSS	100	66	12.18	12.20	12.20			
100	CPSS	100	138	12.18	12.17	12.20		11.0	0.0
100	CPSS	200	0	12.23	12.20	12.20		11.0	0.0
100	CPSS	200	66	12.18	12.20	12.20			
100	CPSS	270	0	12.23	12.20	12.20		11.0	0.0
100	CPSS	270	66	12.18	12.20	12.20			
100	CPSS	270	138	12.23	12.20	12.20		11.0	0.0
100	CPSS	540	0	12.23	12.20	12.20		11.0	0.0
100	CPSS	540	66	12.18	12.20	12.20			
100	CPSS	540	138	12.23	12.20	12.20		11.0	0.0
100	CPSS	540	200	12.23	12.20	12.20		11.0	0.0
100	CPSS	540	270	12.23	12.20	12.20			
100	CPSS	540	540	12.23	12.20	12.20		11.0	0.0
Channel									
Frequency (MHz)									
50	CPSS	1	1	12.23	12.20	12.20	Turn-on time	11.0	0.0
50	CPSS	1	137	12.23	12.20	12.20		11.0	0.0
50	CPSS	1	271	12.23	12.20	12.20			
50	CPSS	100	0	12.23	12.20	12.20		11.0	0.0
50	CPSS	100	66	12.23	12.20	12.20			
50	CPSS	100	138	12.23	12.20	12.20		11.0	0.0
50	CPSS	200	0	12.23	12.20	12.20		11.0	0.0
50	CPSS	200	66	12.23	12.20	12.20			
50	CPSS	270	0	12.23	12.20	12.20		11.0	0.0
50	CPSS	270	66	12.23	12.20	12.20			
50	CPSS	270	138	12.23	12.20	12.20		11.0	0.0
50	CPSS	540	0	12.23	12.20	12.20		11.0	0.0
50	CPSS	540	66	12.23	12.20	12.20			
50	CPSS	540	138	12.23	12.20	12.20		11.0	0.0
50	CPSS	540	200	12.23	12.20	12.20		11.0	0.0
50	CPSS	540	270	12.23	12.20	12.20			
50	CPSS	540	540	12.23	12.20	12.20		11.0	0.0
Channel									
Frequency (MHz)									
30	CPSS	1	1	12.23	12.20	12.20	Turn-on time	11.0	0.0
30	CPSS	1	137	12.23	12.20	12.20		11.0	0.0
30	CPSS	1	271	12.23	12.20	12.20			
30	CPSS	100	0	12.23	12.20	12.20		11.0	0.0
30	CPSS	100	66	12.23	12.20	12.20			
30	CPSS	100	138	12.23	12.20	12.20		11.0	0.0
30	CPSS	200	0	12.23	12.20	12.20		11.0	0.0
30	CPSS	200	66	12.23	12.20	12.20			
30	CPSS	270	0	12.23	12.20	12.20		11.0	0.0
30	CPSS	270	66	12.23	12.20	12.20			
30	CPSS	270	138	12.23	12.20	12.20		11.0	0.0
30	CPSS	540	0	12.23	12.20	12.20		11.0	0.0
30	CPSS	540	66	12.23	12.20	12.20			
30	CPSS	540	138	12.23	12.20	12.20		11.0	0.0
30	CPSS	540	200	12.23	12.20	12.20		11.0	0.0
30	CPSS	540	270	12.23	12.20	12.20			
30	CPSS	540	540	12.23	12.20	12.20		11.0	0.0
Channel									
Frequency (MHz)									
10	CPSS	1	1	12.23	12.20	12.20	Turn-on time	11.0	0.0
10	CPSS	1	137	12.23	12.20	12.20		11.0	0.0
10	CPSS	1	271	12.23	12.20	12.20			
10	CPSS	100	0	12.23	12.20	12.20		11.0	0.0
10	CPSS	100	66	12.23	12.20	12.20			
10	CPSS	100	138	12.23	12.20	12.20		11.0	0.0
10	CPSS	200	0	12.23	12.20	12.20		11.0	0.0
10	CPSS	200	66	12.23	12.20	12.20			
10	CPSS	270	0	12.23	12.20	12.20		11.0	0.0
10	CPSS	270	66	12.23	12.20	12.20			
10	CPSS	270	138	12.23	12.20	12.20		11.0	0.0
10	CPSS	540	0	12.23	12.20	12.20		11.0	0.0
10	CPSS	540	66	12.23	12.20	12.20			
10	CPSS	540	138	12.23	12.20	12.20		11.0	0.0
10	CPSS	540	200	12.23	12.20	12.20		11.0	0.0
10	CPSS	540	270	12.23	12.20	12.20			
10	CPSS	540	540	12.23	12.20	12.20		11.0	0.0

Reduced Power Mode for ECI 12

n2_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	16.5	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	14.92	15.00	15.10	16.5	0.0
20	PI2 BPSK	1	53	15.04	15.05	15.03		
20	PI2 BPSK	1	104	15.02	15.11	14.92	16.5	0.0
20	PI2 BPSK	50	0	15.03	14.99	14.95		
20	PI2 BPSK	50	28	15.03	14.97	15.01	16.5	0.0
20	PI2 BPSK	50	56	14.96	14.99	14.97		
20	PI2 BPSK	100	0	14.97	15.06	15.00	16.5	0.0
20	QPSK	1	1	15.14	15.20	15.12		
20	QPSK	1	53	14.80	15.19	14.94	16.5	0.0
20	QPSK	1	104	15.12	14.96	15.09		
20	QPSK	50	0	14.97	15.02	14.92	16.5	0.0
20	QPSK	50	28	15.10	15.11	14.93		
20	QPSK	50	56	15.04	14.98	14.97	16.5	0.0
20	QPSK	100	0	14.97	15.06	14.97		
20	16QAM	1	1	14.92	15.01	14.95	16.5	0.0
20	16QAM	1	1	14.85	15.05	14.97		
20	256QAM	1	1	14.86	15.01	14.94	16.5	0.0
Channel				371000	376000	380000		
Frequency (MHz)				1867.5	1880	1902.5	16.5	0.0
15	QPSK	1	1	14.89	14.94	15.08		
Channel				371000	376000	381000	16.5	0.0
Frequency (MHz)				1865	1880	1905		
10	QPSK	1	1	14.96	15.00	15.15	16.5	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1880	1907.5	16.5	0.0
5	QPSK	1	1	14.98	14.90	15.03		

n2_Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	22.5	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	20.91	20.80	20.81	22.5	0.0
20	PI2 BPSK	1	53	20.90	20.89	20.81		
20	PI2 BPSK	1	104	20.87	20.86	20.79	22.5	0.0
20	PI2 BPSK	50	0	20.82	20.92	20.76		
20	PI2 BPSK	50	28	20.88	20.94	20.82	22.5	0.0
20	PI2 BPSK	50	56	20.86	20.83	20.83		
20	PI2 BPSK	100	0	20.90	20.81	20.75	22.5	0.0
20	QPSK	1	1	20.92	20.95	20.87		
20	QPSK	1	53	20.80	20.82	20.80	22.5	0.0
20	QPSK	1	104	20.90	20.81	20.72		
20	QPSK	50	0	20.80	20.84	20.78	22.5	0.0
20	QPSK	50	28	20.93	20.92	20.84		
20	QPSK	50	56	20.87	20.89	20.76	22.5	0.0
20	QPSK	100	0	20.82	20.87	20.73		
20	16QAM	1	1	20.86	20.81	20.76	22.5	0.0
20	16QAM	1	1	20.05	20.10	20.02		
20	256QAM	1	1	18.49	18.57	18.65	22.5	0.0
Channel				371500	376000	380500		
Frequency (MHz)				1867.5	1880	1902.5	22.5	0.0
15	QPSK	1	1	20.84	20.84	20.82		
Channel				371000	376000	381000	22.5	0.0
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.82	20.85	20.75	22.5	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1880	1907.5	22.5	0.0
5	QPSK	1	1	20.81	20.82	20.85		

n2_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	11.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	9.46	9.50	9.45	11.0	0.0
20	PI2 BPSK	1	53	9.41	9.41	9.47		
20	PI2 BPSK	1	104	9.43	9.52	9.47	11.0	0.0
20	PI2 BPSK	50	0	9.43	9.39	9.34		
20	PI2 BPSK	50	28	9.47	9.40	9.42	11.0	0.0
20	PI2 BPSK	50	56	9.45	9.42	9.36		
20	PI2 BPSK	100	0	9.45	9.45	9.43	11.0	0.0
20	QPSK	1	1	9.59	9.65	9.55		
20	QPSK	1	53	9.46	9.43	9.35	11.0	0.0
20	QPSK	1	104	9.47	9.53	9.45		
20	QPSK	50	0	9.49	9.49	9.48	11.0	0.0
20	QPSK	50	28	9.55	9.60	9.51		
20	QPSK	50	56	9.48	9.46	9.38	11.0	0.0
20	QPSK	100	0	9.52	9.57	9.50		
20	16QAM	1	1	9.51	9.52	9.39	11.0	0.0
20	16QAM	1	1	9.46	9.43	9.43		
20	256QAM	1	1	9.48	9.53	9.42	11.0	0.0
Channel				371000	376000	380500		
Frequency (MHz)				1867.5	1880	1902.5	11.0	0.0
15	QPSK	1	1	9.44	9.57	9.47		
Channel				371000	376000	381000	11.0	0.0
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	9.43	9.59	9.53	11.0	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1880	1907.5	11.0	0.0
5	QPSK	1	1	9.50	9.65	9.47		

n5_Ant 0								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	23.44	23.52	23.47	25.0	0.0
20	PI2 BPSK	1	53	23.40	23.66	23.66		
20	PI2 BPSK	1	104	23.43	23.55	23.52		
20	PI2 BPSK	50	0	23.03	23.19	23.14	24.5	0.5
20	PI2 BPSK	50	28	23.34	23.52	23.39	25.0	0.0
20	PI2 BPSK	50	56	22.99	23.08	22.99	24.5	0.5
20	PI2 BPSK	100	0	22.91	23.03	22.94		
20	QPSK	1	1	23.61	23.70	23.61		
20	QPSK	1	53	23.38	23.56	23.55	25.0	0.0
20	QPSK	1	104	23.45	23.59	23.58	24.0	1.0
20	QPSK	50	0	22.58	22.71	22.59		
20	QPSK	50	28	22.48	22.62	22.45		
20	QPSK	50	56	22.30	22.49	22.28	24.0	1.0
20	QPSK	100	0	22.38	22.57	22.42		
20	16QAM	1	1	22.36	22.53	22.45		
20	16QAM	1	1	21.00	21.00	20.94	22.5	2.5
20	256QAM	1	1	19.42	19.53	19.31	20.5	4.5
Channel				168300	167300	166300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.50	23.66	23.48	25.0	0.0
Channel				168400	167300	166300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.59	23.55	23.57	25.0	0.0
Channel				168300	167300	166300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.58	23.50	23.51	25.0	0.0

n5_Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	16.86	16.94	16.84	18.5	0.0
20	PI2 BPSK	1	53	16.77	17.00	16.82		
20	PI2 BPSK	1	104	16.87	16.92	16.73		
20	PI2 BPSK	50	0	16.91	16.99	16.81	18.5	0.0
20	PI2 BPSK	50	28	16.78	17.00	16.74	18.5	0.0
20	PI2 BPSK	50	56	16.87	16.91	16.82	18.5	0.0
20	PI2 BPSK	100	0	16.79	16.94	16.83		
20	QPSK	1	1	17.02	17.10	17.00		
20	QPSK	1	53	16.80	16.93	16.74	18.5	0.0
20	QPSK	1	104	16.90	16.92	16.77	18.5	0.0
20	QPSK	50	0	16.91	16.96	16.79		
20	QPSK	50	28	16.85	17.05	16.85		
20	QPSK	50	56	16.90	16.90	16.84	18.5	0.0
20	QPSK	100	0	16.97	17.07	16.96		
20	16QAM	1	1	16.79	16.93	16.81		
20	16QAM	1	1	16.88	16.93	16.77	18.5	0.0
20	256QAM	1	1	16.90	16.94	16.82	18.5	0.0
Channel				168300	167300	166300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	16.86	16.96	16.71	18.5	0.0
Channel				168400	167300	166300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	16.89	16.97	16.84	18.5	0.0
Channel				168300	167300	166300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	16.80	16.88	16.83	18.5	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	10.01	10.17	10.06	11.5	0.0
20	PI2 BPSK	1	53	10.03	10.08	10.10		
20	PI2 BPSK	1	104	9.99	10.05	10.04	11.5	0.0
20	PI2 BPSK	50	0	10.03	10.15	10.06		
20	PI2 BPSK	50	28	9.97	10.15	10.09	11.5	0.0
20	PI2 BPSK	50	56	10.07	10.15	10.04	11.5	0.0
20	PI2 BPSK	100	0	10.04	10.09	10.08		
20	QPSK	1	1	10.10	10.18	10.12	11.5	0.0
20	QPSK	1	53	10.06	10.06	9.98		
20	QPSK	1	104	10.00	10.14	10.10	11.5	0.0
20	QPSK	50	0	10.02	10.14	10.00		
20	QPSK	50	28	10.07	10.15	10.10	11.5	0.0
20	QPSK	50	56	10.06	10.07	10.07	11.5	0.0
20	QPSK	100	0	10.05	10.14	10.01		
20	16QAM	1	1	9.95	10.09	10.02	11.5	0.0
20	16QAM	1	1	10.07	10.15	9.97	11.5	0.0
20	256QAM	1	1	10.09	10.03	10.11	11.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	9.98	10.10	9.97	11.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	10.07	10.14	10.04	11.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	10.03	10.16	10.06	11.5	0.0

n7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	20.10	20.11	20.12	21.5	0.0
20	PI2 BPSK	1	53	20.16	20.10	20.17		
20	PI2 BPSK	1	104	20.12	20.19	20.11	21.5	0.0
20	PI2 BPSK	50	0	20.13	20.14	20.09		
20	PI2 BPSK	50	28	20.15	20.17	20.16	21.5	0.0
20	PI2 BPSK	50	56	20.10	20.14	20.05	21.5	0.0
20	PI2 BPSK	100	0	20.13	20.16	20.16		
20	QPSK	1	1	20.18	20.25	20.20	21.5	0.0
20	QPSK	1	53	20.15	20.10	20.11		
20	QPSK	1	104	20.15	20.22	20.09	21.5	0.0
20	QPSK	50	0	20.13	20.23	20.14		
20	QPSK	50	28	20.15	20.25	20.16	21.5	0.0
20	QPSK	50	56	20.05	20.17	20.13	21.5	0.0
20	QPSK	100	0	20.07	20.10	20.05		
20	16QAM	1	1	20.16	20.13	20.08	21.5	0.0
20	16QAM	1	1	20.09	20.11	20.09	21.5	0.0
20	256QAM	1	1	19.03	19.02	18.99	20.0	1.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.15	20.24	20.07	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.11	20.12	20.10	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.06	20.12	20.14	21.5	0.0

n7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	10.94	11.09	11.06	12.5	0.0
20	PI2 BPSK	1	53	10.93	11.11	10.96		
20	PI2 BPSK	1	104	11.02	11.09	11.05	12.5	0.0
20	PI2 BPSK	50	0	10.95	11.00	10.99		
20	PI2 BPSK	50	28	10.91	11.07	10.98	12.5	0.0
20	PI2 BPSK	50	56	11.00	11.07	11.03	12.5	0.0
20	PI2 BPSK	100	0	11.03	11.01	11.02		
20	QPSK	1	1	11.05	11.12	11.03	12.5	0.0
20	QPSK	1	53	11.04	11.04	10.95		
20	QPSK	1	104	10.93	11.09	11.04	12.5	0.0
20	QPSK	50	0	10.97	11.06	10.97		
20	QPSK	50	28	11.05	11.10	11.01	12.5	0.0
20	QPSK	50	56	11.00	10.97	11.05	12.5	0.0
20	QPSK	100	0	11.04	11.06	10.94		
20	16QAM	1	1	10.90	11.05	11.05	12.5	0.0
20	16QAM	1	1	11.00	11.05	10.97	12.5	0.0
20	256QAM	1	1	11.00	11.04	10.93	12.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	11.00	11.08	11.04	12.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	11.03	10.99	11.02	12.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	10.93	11.10	10.97	12.5	0.0

n66_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765			
30	PI2 BPSK	1	1	15.12	15.26	15.22			
30	PI2 BPSK	1	80	15.21	15.33	15.20	16.5	0.0	
30	PI2 BPSK	1	158	15.15	15.26	15.18			
30	PI2 BPSK	80	0	15.22	15.21	15.22	16.5	0.0	
30	PI2 BPSK	80	40	15.17	15.23	15.29	16.5	0.0	
30	PI2 BPSK	80	80	15.19	15.22	15.15			
30	PI2 BPSK	160	0	15.25	15.21	15.21	16.5	0.0	
30	QPSK	1	1	15.27	15.34	15.30			
30	QPSK	1	80	15.13	15.24	15.21	16.5	0.0	
30	QPSK	1	158	15.12	15.26	15.17			
30	QPSK	80	0	15.15	15.28	15.25	16.5	0.0	
30	QPSK	80	40	15.20	15.32	15.28	16.5	0.0	
30	QPSK	80	80	15.20	15.20	15.18			
30	QPSK	160	0	15.14	15.27	15.16	16.5	0.0	
30	16QAM	1	1	15.15	15.19	15.27	16.5	0.0	
30	16QAM	1	1	15.21	15.29	15.21	16.5	0.0	
30	256QAM	1	1	15.15	15.23	15.24	16.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	15.17	15.26	15.27	16.5	0.0	
Channel				343000	349000	345000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	15.16	15.23	15.21	16.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	15.14	15.24	15.20	16.5	0.0	
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	15.16	15.30	15.23	16.5	0.0	

n66_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765			
30	PI2 BPSK	1	1	22.14	22.29	22.15			
30	PI2 BPSK	1	80	22.11	22.29	22.13	23.5	0.0	
30	PI2 BPSK	1	158	22.17	22.21	22.09			
30	PI2 BPSK	80	0	22.16	22.26	22.06	23.5	0.0	
30	PI2 BPSK	80	40	22.11	22.22	22.11	23.5	0.0	
30	PI2 BPSK	80	80	22.07	22.27	22.06			
30	PI2 BPSK	160	0	22.15	22.25	22.17	23.5	0.0	
30	QPSK	1	1	22.22	22.30	22.30			
30	QPSK	1	80	22.14	22.21	22.05	23.5	0.0	
30	QPSK	1	158	22.21	22.23	22.15			
30	QPSK	80	0	22.15	22.17	22.12	23.5	0.0	
30	QPSK	80	40	22.15	22.25	22.15	23.5	0.0	
30	QPSK	80	80	22.09	22.12	22.18			
30	QPSK	160	0	22.10	22.23	22.15	23.5	0.0	
30	16QAM	1	1	21.76	21.85	21.82	23.5	0.0	
30	16QAM	1	1	20.27	20.34	20.43	22.0	1.5	
30	256QAM	1	1	18.92	18.95	18.94	20.0	3.5	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	22.13	22.23	22.06	23.5	0.0	
Channel				343000	349000	345000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	22.15	22.27	22.12	23.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	22.18	22.29	22.09	23.5	0.0	
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	22.08	22.20	22.09	23.5	0.0	

n66_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765			
30	PI2 BPSK	1	1	11.25	11.44	11.38			
30	PI2 BPSK	1	80	11.16	11.38	11.31	13.0	0.0	
30	PI2 BPSK	1	158	11.17	11.43	11.38			
30	PI2 BPSK	80	0	11.17	11.33	11.35	13.0	0.0	
30	PI2 BPSK	80	40	11.15	11.43	11.28	13.0	0.0	
30	PI2 BPSK	80	80	11.11	11.40	11.28			
30	PI2 BPSK	160	0	11.25	11.39	11.38	13.0	0.0	
30	QPSK	1	1	11.40	11.48	11.42			
30	QPSK	1	80	11.25	11.32	11.24	13.0	0.0	
30	QPSK	1	158	11.21	11.32	11.26			
30	QPSK	80	0	11.23	11.33	11.29	13.0	0.0	
30	QPSK	80	40	11.26	11.41	11.35	13.0	0.0	
30	QPSK	80	80	11.14	11.39	11.26			
30	QPSK	160	0	11.36	11.39	11.32	13.0	0.0	
30	16QAM	1	1	11.20	11.39	11.27	13.0	0.0	
30	16QAM	1	1	11.22	11.37	11.24	13.0	0.0	
30	256QAM	1	1	11.24	11.38	11.32	13.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	11.23	11.43	11.25	13.0	0.0	
Channel				343000	349000	345000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	11.17	11.40	11.31	13.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	11.21	11.48	11.35	13.0	0.0	
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	11.25	11.42	11.26	13.0	0.0	

n71_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				134100	136100	138100			
Frequency (MHz)				670.5	680.5	690.5			
15	PI2 BPSK	1	1	23.17	23.16	23.22	24.5	0.0	
15	PI2 BPSK	1	40	23.12	23.18	23.04			
15	PI2 BPSK	1	77	23.16	23.17	23.10			
15	PI2 BPSK	36	0	22.87	22.71	22.89	24.0	0.5	
15	PI2 BPSK	36	22	23.15	23.22	23.07	24.5	0.0	
15	PI2 BPSK	36	43	22.86	22.87	22.82	24.0	0.5	
15	PI2 BPSK	75	0	22.72	22.73	22.77			
15	QPSK	1	1	23.25	23.28	23.27	24.5	0.0	
15	QPSK	1	40	23.17	23.25	23.18			
15	QPSK	1	77	23.07	23.13	23.10			
15	QPSK	36	0	21.99	22.06	21.91	23.5	1.0	
15	QPSK	36	22	23.15	23.25	23.18	24.5	0.0	
15	QPSK	36	43	22.09	22.10	22.05			
15	QPSK	75	0	22.00	22.08	22.06	23.5	1.0	
15	16QAM	1	1	21.96	22.01	22.05	23.5	1.0	
15	64QAM	1	1	20.51	20.55	20.57	22.0	2.5	
15	256QAM	1	1	19.11	19.14	19.13	20.0	4.5	
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	23.16	23.19	23.25	24.5	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				680.5	680.5	690.5			
5	QPSK	1	1	23.17	23.19	23.23	24.5	0.0	

n71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				134100	136100	138100			
Frequency (MHz)				670.5	680.5	690.5			
15	PI/2 BPSK	1	1	19.19	19.29	19.24	20.5	0.0	
15	PI/2 BPSK	1	40	19.21	19.38	19.22			
15	PI/2 BPSK	1	77	19.23	19.30	19.27			
15	PI/2 BPSK	36	0	19.16	19.36	19.20	20.5	0.0	
15	PI/2 BPSK	36	22	19.29	19.33	19.24	20.5	0.0	
15	PI/2 BPSK	36	43	19.16	19.32	19.26	20.5	0.0	
15	PI/2 BPSK	75	0	19.20	19.35	19.25			
15	QPSK	1	1	19.30	19.40	19.32	20.5	0.0	
15	QPSK	1	40	19.21	19.34	19.19			
15	QPSK	1	77	19.21	19.34	19.23			
15	QPSK	36	0	19.18	19.33	19.17	20.5	0.0	
15	QPSK	36	22	19.24	19.37	19.30	20.5	0.0	
15	QPSK	36	43	19.22	19.26	19.27	20.5	0.0	
15	QPSK	75	0	19.15	19.35	19.27	20.5	0.0	
15	16QAM	1	1	19.25	19.37	19.29	20.5	0.0	
15	64QAM	1	1	19.25	19.37	19.23	20.5	0.0	
15	256QAM	1	1	19.25	19.28	19.15	20.0	0.5	
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	19.29	19.30	19.23	20.5	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				680.5	680.5	690.5			
5	QPSK	1	1	19.27	19.27	19.31	20.5	0.0	

[illegible]

FCC_n41_Ant 2									
Net ID(MHz)	Modulation	RF BW	RF Ch	Power Max (Ch / W)	Power Max (Ch / W)	Power Max (Ch / W)	Power Max (Ch / W)	Time-on-air (hrs)	SNR(dB)
180	Channel			150000	510000				
	Frequency (MHz)			150000	510000				
180	PSK QPSK	1	1	19.70	19.70	19.90			
180	PSK QPSK	1	100	19.70	19.90			21.0	0.0
180	PSK QPSK	1	1000	19.70	19.90			21.0	0.0
180	PSK QPSK	125	5	19.85	19.90	19.85		21.0	0.0
180	PSK QPSK	125	100	19.85	19.90			21.0	0.0
180	PSK QPSK	125	1000	19.85	19.90			21.0	0.0
180	PSK QPSK	125	1000	19.85	19.85	19.87		21.0	0.0
180	PSK QPSK	250	5	19.72	19.75				
180	PSK QPSK	250	100	19.72	19.75				
180	QPSK	1	100	19.72	19.75			21.0	0.0
180	QPSK	1	1000	19.72	19.75			21.0	0.0
180	QPSK	125	5	19.83	19.85	19.83		21.0	0.0
180	QPSK	125	100	19.83	19.85			21.0	0.0
180	QPSK	125	1000	19.83	19.85			21.0	0.0
180	QPSK	250	5	19.76	19.78				
180	QPSK	250	100	19.76	19.78			21.0	0.0
180	QPSK	250	1000	19.76	19.83	19.87		21.0	0.0
180	QPSK	500	5	19.78	19.78				
180	QPSK	500	100	19.78	19.78			21.0	0.0
180	QPSK	500	1000	19.78	19.78			21.0	0.0
180	SSB-AM	1	1	19.80	19.70				
180	SSB-AM	1	100	19.80	19.70			21.0	0.0
180	SSB-AM	1	1000	19.80	19.70			21.0	0.0
90	Channel			75000	255000				
	Frequency (MHz)			75000	255000				
90	PSK QPSK	1	1	19.70	19.70	19.90			
90	PSK QPSK	1	100	19.70	19.90			21.0	0.0
90	PSK QPSK	1	1000	19.70	19.90			21.0	0.0
90	PSK QPSK	125	5	19.85	19.90	19.85		21.0	0.0
90	PSK QPSK	125	100	19.85	19.90			21.0	0.0
90	PSK QPSK	125	1000	19.85	19.90			21.0	0.0
90	PSK QPSK	250	5	19.72	19.75				
90	PSK QPSK	250	100	19.72	19.75				
90	QPSK	1	100	19.72	19.75			21.0	0.0
90	QPSK	1	1000	19.72	19.75			21.0	0.0
90	QPSK	125	5	19.83	19.85	19.83		21.0	0.0
90	QPSK	125	100	19.83	19.85			21.0	0.0
90	QPSK	125	1000	19.83	19.85			21.0	0.0
90	QPSK	250	5	19.76	19.78				
90	QPSK	250	100	19.76	19.78			21.0	0.0
90	QPSK	250	1000	19.76	19.83	19.87		21.0	0.0

FCC_n41_Ant_4									
Bit Rate	Modulation	Sub-Carrier	Sub-Carrier	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Time-to-settle (ms)	SNR (dB)
Channel									
Frequency (MHz)									
100	PSSB	100	1	10.00	10.00	10.00	10.00		
100	PSSB	100	1	10.00	10.00	10.00	10.00		
100	PSSB	100	1	10.00	10.00	10.00	10.00	12.0	0.0
100	PSSB	100	1	10.00	10.00	10.00	10.00	12.0	0.0
100	PSSB	100	1	10.00	10.00	10.00	10.00	12.0	0.0
100	PSSB	100	1	10.00	10.00	10.00	10.00	12.0	0.0
100	PSSB	100	1	10.00	10.00	10.00	10.00	12.0	0.0
100	PSSB	100	1	10.00	10.00	10.00	10.00	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	1337	10.00	10.70	10.70	10.70	12.0	0.0
100	CPFSK	1	2000	1					

Part270_n77_Ant 3									
SW [MHz]	Modulation	RF SS Type	RF Chant	Power [mW]	Power [mW] Ch1/Freq	Power [mW] Ch2/Freq	Power [mW] Ch3/Freq	Power [mW] Ch4/Freq	SWR
Frequency [MHz]									
100	FSK (FSK16)	FSK	FSK16	1.0	0.75	0.75	0.75	0.75	0.0
100	FSK (FSK16)	FSK	FSK16	1.0	0.75	0.75	0.75	0.75	0.5
100	FSK (FSK16)	FSK	FSK16	0.1	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.1	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.01	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.00001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.00000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.00000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.00000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.00000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.00000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.00000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.000000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0000000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.00000000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.000000000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0000000000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.00000000000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.000000000000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0000000000000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.00000000000000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.000000000000000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0000000000000000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.00000000000000000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.000000000000000000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0000000000000000000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.00000000000000000000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.000000000000000000000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0000000000000000000000000000000000000001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16	0.0001	0.77	0.82	0.85	0.88	0.0
100	FSK (FSK16)	FSK	FSK16						

[illegible]

Reduced Power Mode for ECI 13

n2_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dbm)	MPR (dB)	
Channel				372000	376000	380000	18.5	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	17.00	17.06	17.13	18.5	0.0	
20	PI2 BPSK	1	53	17.07	17.16	17.14			
20	PI2 BPSK	1	104	17.09	17.07	17.08			
20	PI2 BPSK	50	0	17.03	17.14	17.07	18.5	0.0	
20	PI2 BPSK	50	26	17.06	17.10	17.03	18.5	0.0	
20	PI2 BPSK	50	56	17.03	17.08	17.04	18.5	0.0	
20	PI2 BPSK	100	0	17.11	17.04	17.02	18.5	0.0	
20	QPSK	1	1	17.10	17.15	17.13	18.5	0.0	
20	QPSK	1	53	17.09	17.11	17.11			
20	QPSK	1	104	17.10	17.14	17.12			
20	QPSK	50	0	17.06	17.06	17.08	18.5	0.0	
20	QPSK	50	26	17.06	17.17	17.12	18.5	0.0	
20	QPSK	50	56	16.97	17.15	17.06	18.5	0.0	
20	QPSK	100	0	17.01	17.15	17.03	18.5	0.0	
20	16QAM	1	1	17.06	17.12	17.14	18.5	0.0	
20	64QAM	1	1	17.06	17.15	17.13	18.5	0.0	
20	256QAM	1	1	17.09	17.16	17.09	18.5	0.0	
Channel				371500	376000	380500	18.5	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	16.86	17.05	17.05	18.5	0.0	
Channel				371000	376000	381000	18.5	MPR (dB)	
Frequency (MHz)				1865	1880	1905			
10	QPSK	1	1	16.83	17.01	16.99	18.5	0.0	
Channel				370500	376000	381500	18.5	MPR (dB)	
Frequency (MHz)				1862.5	1880	1907.5			
5	QPSK	1	1	16.91	17.01	17.04	18.5	0.0	

n2_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dbm)	MPR (dB)	
Channel				372000	376000	380000	24.5	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	22.68	22.70	22.68	24.5	0.0	
20	PI2 BPSK	1	53	22.66	22.64	22.63			
20	PI2 BPSK	1	104	22.71	22.75	22.67			
20	PI2 BPSK	50	0	22.21	22.21	22.05	24.0	0.5	
20	PI2 BPSK	50	26	22.68	22.66	22.65	24.5	0.0	
20	PI2 BPSK	50	56	22.66	22.25	22.17	24.0	0.5	
20	PI2 BPSK	100	0	22.24	22.19	22.15	24.0	0.5	
20	QPSK	1	1	22.67	22.60	22.76	24.5	0.0	
20	QPSK	1	53	22.67	22.79	22.68			
20	QPSK	1	104	22.74	22.82	22.71			
20	QPSK	50	0	21.56	21.63	21.56	23.5	1.0	
20	QPSK	50	26	22.62	22.62	21.37	24.5	0.0	
20	QPSK	50	56	21.70	21.66	21.76	23.5	1.0	
20	QPSK	100	0	21.63	21.76	21.69	23.5	1.0	
20	16QAM	1	1	21.55	21.58	21.53	23.5	1.0	
20	64QAM	1	1	20.05	20.10	20.02	22.0	2.5	
20	256QAM	1	1	18.40	18.57	18.65	20.0	4.5	
Channel				371500	376000	380500	24.5	MPR (dB)	
Frequency (MHz)				1867.5	1880	1902.5			
15	QPSK	1	1	22.86	22.88	22.64	24.5	0.0	
Channel				371000	376000	381000	24.5	MPR (dB)	
Frequency (MHz)				1865	1880	1905			
10	QPSK	1	1	22.74	22.75	22.66	24.5	0.0	
Channel				370500	376000	381500	24.5	MPR (dB)	
Frequency (MHz)				1862.5	1880	1907.5			
5	QPSK	1	1	22.83	22.82	22.75	24.5	0.0	

n2_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dbm)	MPR (dB)	
Channel				372000	376000	380000	24.5	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	22.96	23.07	23.03	24.5	0.0	
20	PI2 BPSK	1	53	23.02	23.06	22.99			
20	PI2 BPSK	1	104	22.90	23.02	22.90			
20	PI2 BPSK	50	0	22.44	22.57	22.42	24.0	0.5	
20	PI2 BPSK	50	26	22.96	23.05	22.91	24.5	0.0	
20	PI2 BPSK	50	56	22.41	22.52	22.51	24.0	0.5	
20	PI2 BPSK	100	0	22.47	22.80	22.54	24.0	0.5	
20	QPSK	1	1	23.06	23.14	23.12	24.5	0.0	
20	QPSK	1	53	23.00	23.12	23.02			
20	QPSK	1	104	23.06	23.13	23.08			
20	QPSK	50	0	22.02	22.06	21.92	23.5	1.0	
20	QPSK	50	26	22.96	23.06	22.96	24.5	0.0	
20	QPSK	50	56	21.95	22.00	22.02	23.5	1.0	
20	QPSK	100	0	21.81	21.95	21.93	23.5	1.0	
20	16QAM	1	1	21.72	21.76	21.69	23.5	1.0	
20	64QAM	1	1	20.09	20.19	20.10	22.0	2.5	
20	256QAM	1	1	18.35	18.70	18.63	20.0	4.5	
Channel				371500	376000	380500	24.5	MPR (dB)	
Frequency (MHz)				1867.5	1880	1902.5			
15	QPSK	1	1	22.96	23.01	23.07	24.5	0.0	
Channel				371000	376000	381000	24.5	MPR (dB)	
Frequency (MHz)				1865	1880	1905			
10	QPSK	1	1	23.03	23.04	22.97	24.5	0.0	
Channel				370500	376000	381500	24.5	MPR (dB)	
Frequency (MHz)				1862.5	1880	1907.5			
5	QPSK	1	1	22.94	23.03	23.02	24.5	0.0	

n5_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power [mW] Ch. Freq.	Power [mW] Ch. Freq.	Power [mW] Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800	25.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	23.44	23.52	23.47	25.0	0.0	
20	PI2 BPSK	1	53	23.49	23.66	23.66			
20	PI2 BPSK	1	104	23.43	23.55	23.52			
20	PI2 BPSK	50	0	23.03	23.19	23.14	24.5	0.5	
20	PI2 BPSK	50	26	23.34	23.52	23.39	25.0	0.0	
20	PI2 BPSK	50	56	22.99	23.08	22.95	24.5	0.5	
20	PI2 BPSK	100	0	22.91	23.03	22.94	25.0	0.0	
20	QPSK	1	1	23.01	23.03	23.01			
20	QPSK	1	53	23.38	23.56	23.55			
20	QPSK	1	104	23.46	23.59	23.58	24.0	1.0	
20	QPSK	50	0	22.56	22.71	22.59			
20	QPSK	50	26	23.46	23.62	23.48			
20	QPSK	50	56	22.30	22.42	22.28	24.0	1.0	
20	QPSK	100	0	22.38	22.57	22.42	24.0	1.0	
20	16QAM	1	1	22.36	22.53	22.45			
20	64QAM	1	1	21.00	21.00	20.94			
20	256QAM	1	1	19.42	19.53	19.31	20.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	25.0 <td colspan="2">0.0</td>	0.0	
15	QPSK	1	1	23.50	23.66	23.46	25.0	0.0	
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				839	836.5	844	25.0	0.0	
10	QPSK	1	1	23.58	23.55	23.57	25.0	0.0	
Channel				166300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	25.0	0.0	
5	QPSK	1	1	23.58	23.60	23.51	25.0	0.0	

n5_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800	25.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	23.42	23.48	23.39	25.0	0.0	
20	PI2 BPSK	1	53	23.42	23.53	23.51			
20	PI2 BPSK	1	104	23.38	23.50	23.48			
20	PI2 BPSK	50	0	22.95	23.05	23.04	24.5	0.5	
20	PI2 BPSK	50	26	23.31	23.46	23.32	25.0	0.0	
20	PI2 BPSK	50	56	22.91	23.00	22.85	24.5	0.5	
20	PI2 BPSK	100	0	22.87	23.02	22.91	25.0	0.0	
20	QPSK	1	1	23.51	23.56	23.55			
20	QPSK	1	53	23.35	23.50	23.46			
20	QPSK	1	104	23.44	23.53	23.50	24.0	1.0	
20	QPSK	50	0	22.48	22.57	22.52			
20	QPSK	50	26	23.36	23.52	23.42			
20	QPSK	50	56	22.24	22.36	22.24	25.0	1.0	
20	QPSK	100	0	22.36	22.45	22.35	24.0	1.0	
20	16QAM	1	1	22.31	22.38	22.37			
20	64QAM	1	1	20.89	20.96	20.89			
20	256QAM	1	1	19.39	19.42	19.27	20.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	25.0 <td colspan="2">0.0</td>	0.0	
15	QPSK	1	1	23.45	23.55	23.53	25.0	0.0	
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				836	836.5	844	25.0 <td colspan="2">0.0</td>	0.0	
10	QPSK	1	1	23.50	23.42	23.41	25.0	0.0	
Channel				166300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	25.0 <td colspan="2">0.0</td>	0.0	
5	QPSK	1	1	23.41	23.49	23.51	25.0	0.0	

n7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dBm)	MPR (dB)	
Channel				502000	507000	512000	18.0	0.0	
Frequency (MHz)				2510	2535	2560			
20	PI2 BPSK	1	1	16.48	16.53	16.51	18.0	0.0	
20	PI2 BPSK	1	53	16.47	16.58	16.53			
20	PI2 BPSK	1	104	16.59	16.56	16.49			
20	PI2 BPSK	50	0	16.48	16.64	16.60	18.0	0.0	
20	PI2 BPSK	50	26	16.50	16.65	16.51	18.0	0.0	
20	PI2 BPSK	50	56	16.58	16.60	16.57	18.0	0.0	
20	PI2 BPSK	100	0	16.47	16.86	16.46			
20	QPSK	1	1	16.50	16.60	16.51			
20	QPSK	1	53	16.56	16.63	16.46	18.0	0.0	
20	QPSK	1	104	16.47	16.64	16.49	18.0	0.0	
20	QPSK	50	0	16.56	16.61	16.48			
20	QPSK	50	26	16.57	16.66	16.56			
20	QPSK	50	56	16.46	16.57	16.53	18.0	0.0	
20	QPSK	100	0	16.50	16.60	16.52	18.0	0.0	
20	16QAM	1	1	16.50	16.58	16.54			
20	64QAM	1	1	16.46	16.62	16.56			
20	256QAM	1	1	16.30	16.61	16.60	18.0	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	18.0	0.0	
15	QPSK	1	1	16.37	16.64	16.46	18.0	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565 <td>18.0</td> <td colspan="2">0.0</td>	18.0	0.0	
10	QPSK	1	1	16.45	16.58	16.46	18.0	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5 <td>18.0</td> <td colspan="2">0.0</td>	18.0	0.0	
5	QPSK	1	1	16.37	16.53	16.51	18.0	0.0	

n7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dBm)	MPR (dB)	
Channel				502000	507000	512000	24.5	0.0	
Frequency (MHz)				2510	2535	2560			
20	PI2 BPSK	1	1	23.05	23.17	23.10	24.5	0.0	
20	PI2 BPSK	1	53	23.01	23.06	23.09			
20	PI2 BPSK	1	104	23.04	23.17	23.00			
20	PI2 BPSK	50	0	22.58	22.61	22.46	24.0	0.5	
20	PI2 BPSK	50	26	23.00	23.05	23.07	24.5	0.0	
20	PI2 BPSK	50	56	22.55	22.63	22.45	24.0	0.5	
20	PI2 BPSK	100	0	22.60	22.56	22.49			
20	QPSK	1	1	23.11	23.20	23.16			
20	QPSK	1	53	23.06	23.13	23.05	24.5	0.0	
20	QPSK	1	104	22.95	23.19	23.11	23.5	1.0	
20	QPSK	50	0	22.20	22.23	22.11			
20	QPSK	50	26	22.96	23.05	23.10			
20	QPSK	50	56	22.00	22.02	21.95	23.5	1.0	
20	QPSK	100	0	22.07	22.13	22.11	23.5	1.0	
20	16QAM	1	1	21.96	22.00	21.97			
20	64QAM	1	1	20.47	20.55	20.47		2.5	
20	256QAM	1	1	19.03	19.02	18.99	20.0	4.5	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	24.5	0.0	
15	QPSK	1	1	22.99	23.07	23.04	24.5	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	24.5	0.0	
10	QPSK	1	1	23.01	23.07	23.03	24.5	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	24.5	0.0	
5	QPSK	1	1	22.99	23.15	23.04	24.5	0.0	

n7_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dBm)	MPR (dB)	
Channel				502000	507000	512000	24.5	0.0	
Frequency (MHz)				2510	2535	2560			
20	PI2 BPSK	1	1	23.00	23.02	22.93	24.5	0.0	
20	PI2 BPSK	1	53	22.82	22.97	22.96			
20	PI2 BPSK	1	104	22.89	22.95	22.92			
20	PI2 BPSK	50	0	22.51	22.56	22.52	24.0	0.5	
20	PI2 BPSK	50	26	22.86	23.00	22.99	24.5	0.0	
20	PI2 BPSK	50	56	22.52	22.60	22.48	24.0	0.5	
20	PI2 BPSK	100	0	22.46	22.52	22.43			
20	QPSK	1	1	22.98	23.00	23.02			
20	QPSK	1	53	22.89	23.02	22.88	24.5	0.0	
20	QPSK	1	104	22.86	23.00	22.93	23.5	1.0	
20	QPSK	50	0	22.02	22.10	22.06			
20	QPSK	50	26	21.94	22.06	22.01			
20	QPSK	50	56	22.00	22.07	22.02	23.5	1.0	
20	QPSK	100	0	21.92	21.99	21.95	23.5	1.0	
20	16QAM	1	1	21.72	21.79	21.77			
20	64QAM	1	1	20.34	20.35	20.29		2.5	
20	256QAM	1	1	18.83	18.88	18.77	20.0	4.5	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	24.5	0.0	
15	QPSK	1	1	22.83	23.03	22.97	24.5	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	24.5	0.0	
10	QPSK	1	1	22.94	22.92	23.00	24.5	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	24.5	0.0	
5	QPSK	1	1	22.93	22.97	22.98	24.5	0.0	

n66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dbm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	23.15	23.25	23.15	24.5	0.0
30	PI2 BPSK	1	80	23.17	23.20	23.19		
30	PI2 BPSK	1	158	23.11	23.22	23.10		
30	PI2 BPSK	80	0	22.89	22.75	22.67	24.0	0.5
30	PI2 BPSK	80	40	23.20	23.25	23.23	24.5	0.0
30	PI2 BPSK	80	80	22.85	22.73	22.65	24.0	0.5
30	PI2 BPSK	160	0	22.80	22.88	22.94	24.5	0.0
30	QPSK	1	1	23.20	23.30	23.24		
30	QPSK	1	80	23.19	23.25	23.12		
30	QPSK	1	158	23.17	23.21	23.17	23.5	1.0
30	QPSK	80	0	22.16	22.22	22.21	24.5	0.0
30	QPSK	80	40	22.20	22.24	22.22	23.5	1.0
30	QPSK	80	80	22.19	22.24	22.20	23.5	1.0
30	QPSK	160	0	22.05	22.20	22.15	23.5	1.0
30	16QAM	1	1	21.80	21.93	21.86	23.5	1.0
30	64QAM	1	1	20.37	20.48	20.47	22.0	2.5
30	256QAM	1	1	19.02	19.05	18.96	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	24.5	0.0
20	QPSK	1	1	23.08	23.19	23.16	24.5	0.0
Channel				343000	349000	354000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1772.5	24.5	0.0
15	QPSK	1	1	23.11	23.22	23.16	24.5	0.0
Channel				343000	349000	350000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	24.5	0.0
10	QPSK	1	1	23.07	23.28	23.23	24.5	0.0
Channel				342000	349000	350000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	24.5	0.0
5	QPSK	1	1	23.08	23.18	23.18	24.5	0.0

n66_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dbm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	23.01	23.22	23.10	24.5	0.0
30	PI2 BPSK	1	80	23.04	23.18	23.16		
30	PI2 BPSK	1	158	23.02	23.19	23.04		
30	PI2 BPSK	80	0	22.66	22.61	22.59	24.0	0.5
30	PI2 BPSK	80	40	23.18	23.22	23.11	24.5	0.0
30	PI2 BPSK	80	80	22.88	22.61	22.57	24.0	0.5
30	PI2 BPSK	160	0	22.49	22.59	22.52	24.5	0.0
30	QPSK	1	1	23.17	23.27	23.15		
30	QPSK	1	80	23.15	23.21	23.08		
30	QPSK	1	158	23.08	23.18	23.09	23.5	1.0
30	QPSK	80	0	22.15	22.17	22.20	24.5	0.0
30	QPSK	80	40	22.16	22.21	22.11	23.5	1.0
30	QPSK	80	80	22.09	22.12	22.18	23.5	1.0
30	QPSK	160	0	21.98	22.10	22.11	23.5	1.0
30	16QAM	1	1	21.76	21.85	21.82	23.5	1.0
30	64QAM	1	1	20.27	20.34	20.43	22.0	2.5
30	256QAM	1	1	18.92	18.95	18.94	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	24.5	0.0
20	QPSK	1	1	23.10	23.14	23.10	24.5	0.0
Channel				343000	349000	354000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1772.5	24.5	0.0
15	QPSK	1	1	23.02	23.24	23.04	24.5	0.0
Channel				343000	349000	350000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	24.5	0.0
10	QPSK	1	1	23.15	23.22	23.05	24.5	0.0
Channel				342000	349000	350000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	24.5	0.0
5	QPSK	1	1	23.10	23.14	22.97	24.5	0.0

n66_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dbm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	22.81	22.90	22.78	24.5	0.0
30	PI2 BPSK	1	80	22.86	22.87	22.83		
30	PI2 BPSK	1	158	22.70	22.85	22.80		
30	PI2 BPSK	80	0	22.39	22.45	22.36	24.0	0.5
30	PI2 BPSK	80	40	22.85	22.89	22.80	24.5	0.0
30	PI2 BPSK	80	80	22.34	22.42	22.29	24.0	0.5
30	PI2 BPSK	160	0	22.23	22.38	22.24	24.5	0.0
30	QPSK	1	1	22.26	22.93	22.63		
30	QPSK	1	80	22.85	22.90	22.76		
30	QPSK	1	158	22.83	22.88	22.77	23.5	1.0
30	QPSK	80	0	21.84	21.96	21.91	24.5	0.0
30	QPSK	80	40	21.75	22.80	22.71	23.5	1.0
30	QPSK	80	80	21.91	21.92	21.87	23.5	1.0
30	QPSK	160	0	21.80	21.90	21.87	23.5	1.0
30	16QAM	1	1	21.62	21.70	21.56	23.5	1.0
30	64QAM	1	1	20.17	20.31	20.26	22.0	2.5
30	256QAM	1	1	18.81	18.83	18.79	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	24.5	0.0
20	QPSK	1	1	22.72	22.82	22.68	24.5	0.0
Channel				343000	349000	354000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1772.5	24.5	0.0
15	QPSK	1	1	22.78	22.82	22.76	24.5	0.0
Channel				343000	349000	350000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	24.5	0.0
10	QPSK	1	1	22.86	22.92	22.81	24.5	0.0
Channel				342000	349000	350000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	24.5	0.0
5	QPSK	1	1	22.77	22.83	22.74	24.5	0.0

n71_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				134.100	136.100	138.100			
Frequency (MHz)				670.5	680.5	690.5			
15	PI2 BPSK	1	1	23.17	23.16	23.22	24.5	0.0	
15	PI2 BPSK	1	40	23.12	23.16	23.04			
15	PI2 BPSK	1	77	23.16	23.17	23.10			
15	PI2 BPSK	36	0	22.67	22.71	22.69	24.0	0.5	
15	PI2 BPSK	36	22	23.15	23.22	23.07	24.5	0.0	
15	PI2 BPSK	36	43	22.66	22.67	22.62	24.0	0.5	
15	PI2 BPSK	75	0	22.72	22.73	22.71			
15	QPSK	1	1	23.25	23.26	23.27			
15	QPSK	1	40	23.17	23.25	23.16	24.5	0.0	
15	QPSK	1	77	23.07	23.13	23.10			
15	QPSK	36	0	21.99	22.06	21.91		1.0	
15	QPSK	36	22	23.15	23.25	23.16	24.5	0.0	
15	QPSK	36	43	22.06	22.10	22.06			
15	QPSK	75	0	22.00	22.08	22.06		1.0	
15	16QAM	1	1	21.96	22.01	22.05	23.5	1.0	
15	64QAM	1	1	20.51	20.55	20.37			
15	256QAM	1	1	19.11	19.14	19.13		4.5	
Channel				133.000	136.100	139.000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	23.16	23.19	23.25	24.5	0.0	
Channel				133.100	136.100	139.100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	23.17	23.19	23.23	24.5	0.0	

n71_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134.100	136.100	138.100			
Frequency (MHz)				670.5	680.5	690.5			
15	PI2 BPSK	1	1	23.26	23.30	23.26	24.5	0.0	
15	PI2 BPSK	1	40	23.18	23.21	23.13			
15	PI2 BPSK	1	77	23.20	23.26	23.13			
15	PI2 BPSK	36	0	22.77	22.83	22.69	24.0	0.5	
15	PI2 BPSK	36	22	23.23	23.25	23.12	24.5	0.0	
15	PI2 BPSK	36	43	22.74	22.76	22.67			
15	PI2 BPSK	75	0	22.73	22.85	22.82		0.5	
15	QPSK	1	1	23.34	23.35	23.33	24.5	0.0	
15	QPSK	1	40	23.26	23.32	23.22			
15	QPSK	1	77	23.16	23.26	23.16		1.0	
15	QPSK	36	0	22.07	22.16	22.02	24.5	0.0	
15	QPSK	36	22	23.21	23.26	23.28			
15	QPSK	36	43	22.13	22.21	22.17		1.0	
15	QPSK	75	0	22.13	22.19	22.16	23.5	1.0	
15	16QAM	1	1	22.06	22.16	22.10			
15	64QAM	1	1	20.60	20.63	20.48		2.5	
15	256QAM	1	1	19.25	19.28	19.15	20.0	4.5	
Channel				133.000	136.100	139.000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	23.31	23.28	23.27	24.5	0.0	
Channel				133.100	136.100	139.100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	23.30	23.25	23.19	24.5	0.0	

Part270_n77_Ant 3									
Set (MHz)	Modulation	USE Data	USE Offset	Power (dBm)	Power (dBm) Ch. 17	Power (dBm) Ch. 17	Power (dBm) Ch. 17	Power (dBm) Ch. 17	Power (dBm) Ch. 17
Channel				Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)
100	FSK	SPR	0	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	1	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	2	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	3	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	4	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	5	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	6	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	7	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	8	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	9	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	10	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	11	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	12	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	13	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	14	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	15	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	16	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	17	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	18	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	19	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	20	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	21	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	22	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	23	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	24	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	25	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	26	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	27	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	28	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	29	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	30	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	31	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	32	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	33	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	34	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	35	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	36	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	37	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	38	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	39	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	40	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	41	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	42	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	43	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	44	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	45	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	46	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	47	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	48	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	49	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	50	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	51	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	52	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	53	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	54	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	55	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	56	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	57	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	58	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	59	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	60	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	61	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	62	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	63	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	64	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	65	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	66	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	67	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	68	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	69	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	70	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	71	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	72	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	73	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	74	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	75	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	76	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	77	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	78	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	79	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	80	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	81	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	82	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	83	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	84	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	85	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	86	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	87	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	88	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	89	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	90	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	91	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	92	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	93	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	94	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	95	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	96	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	97	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	98	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	99	22.17	22.29	22.17	22.17	22.17	22.17
100	FSK	SPR	100	22.17	22.29	22.17	22.17	22.17	22.17

Par27O_n77_Ant 7									
SP (MHz)	Subband	Channel	RF Offset	Transmit Freq (MHz)	Transmit Mode	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)
Frequency (MHz)									
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	0	23.48	23.52	22.27	24.1	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	0.0
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	1	0	23.49	23.51	22.27	24.0	0.0	
100	GP2K	1	270	23.57	23.50	23.44	24.0		
100	GP2K	100	0	23.42	23.41	23.58	24.5	0.0	
100	GP2K	100	0	23.43	23.43	23.58	24.5	0.0	
100	GP2K	200	0	23.32	23.31	23.68	24.0	0.0	0.0
100	GP2K	1	0	23.50	23.50	23.0			
100	GP2K	1	270	23.57	23.50	23.44			

Reduced Power Mode for ECI 14

n2_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq	Power Middle Ch. Freq	Power High Ch. Freq	Tune-up limit (dbm)	MPR (db)
Channel				372000	376000	380000	16.5	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	15.05	15.05	15.12	16.5	0.0
20	PI2 BPSK	1	53	15.08	15.17	15.12		
20	PI2 BPSK	1	104	15.12	15.06	15.14		
20	PI2 BPSK	50	0	15.00	15.21	15.02		
20	PI2 BPSK	50	28	15.03	15.10	15.01	16.5	0.0
20	PI2 BPSK	50	56	15.02	15.04	15.13	16.5	0.0
20	PI2 BPSK	100	0	15.12	15.10	14.97	16.5	0.0
20	QPSK	1	1	15.10	15.20	15.10	16.5	0.0
20	QPSK	1	53	15.04	15.16	15.10		
20	QPSK	1	104	15.10	15.19	15.13		
20	QPSK	50	0	15.03	15.04	15.16		
20	QPSK	50	28	15.12	15.20	15.17	16.5	0.0
20	QPSK	50	56	14.98	15.18	15.07	16.5	0.0
20	QPSK	100	0	15.10	15.15	15.12	16.5	0.0
20	16QAM	1	1	15.08	15.15	15.20	16.5	0.0
20	64QAM	1	1	15.04	15.15	15.08	16.5	0.0
20	256QAM	1	1	15.16	15.27	15.12	16.5	0.0
Channel				371500	376000	380500	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1851.5	1880	1902.5		
15	QPSK	1	1	15.00	15.01	15.14	16.5	0.0
Channel				371000	376000	381000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.00	15.04	15.10	16.5	0.0
Channel				370500	376000	381500	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	14.96	15.03	15.17	16.5	0.0

n2_Ant 2

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq	Power Middle Ch. Freq	Power High Ch. Freq	Tune-up limit (dbm)	MPR (db)
Channel				372000	376000	380000	24.5	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.68	22.70	22.68	24.5	0.0
20	PI2 BPSK	1	53	22.68	22.64	22.63		
20	PI2 BPSK	1	104	22.71	22.75	22.67		
20	PI2 BPSK	50	0	22.21	22.21	22.05		
20	PI2 BPSK	50	28	22.58	22.66	22.65	24.5	0.0
20	PI2 BPSK	50	56	22.05	22.25	22.17	24.0	0.5
20	PI2 BPSK	100	0	22.24	22.19	22.15	24.0	0.5
20	QPSK	1	1	22.67	22.59	22.75	24.5	0.0
20	QPSK	1	53	22.67	22.79	22.68		
20	QPSK	1	104	22.74	22.62	22.71		
20	QPSK	50	0	21.56	21.63	21.56		
20	QPSK	50	28	22.55	22.62	22.57	24.5	0.0
20	QPSK	50	56	21.70	21.68	21.76	23.5	1.0
20	QPSK	100	0	21.63	21.75	21.59	23.5	1.0
20	16QAM	1	1	21.55	21.58	21.53	23.5	1.0
20	64QAM	1	1	20.05	20.10	20.02	22.0	2.5
20	256QAM	1	1	18.49	18.57	18.65	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1851.5	1880	1902.5		
15	QPSK	1	1	22.86	22.88	22.84	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.74	22.75	22.69	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.83	22.82	22.75	24.5	0.0

n2_Ant 4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq	Power Middle Ch. Freq	Power High Ch. Freq	Tune-up limit (dbm)	MPR (db)
Channel				372000	376000	380000	24.5	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.99	23.07	23.03	24.5	0.0
20	PI2 BPSK	1	53	23.02	23.05	22.99		
20	PI2 BPSK	1	104	22.96	23.02	22.95		
20	PI2 BPSK	50	0	22.44	22.57	22.42		
20	PI2 BPSK	50	28	22.98	23.05	22.91	24.5	0.0
20	PI2 BPSK	50	56	22.41	22.52	22.51	24.0	0.5
20	PI2 BPSK	100	0	22.47	22.60	22.54	24.0	0.5
20	QPSK	1	1	23.05	23.14	23.12	24.5	0.0
20	QPSK	1	53	23.00	23.12	23.02		
20	QPSK	1	104	23.06	23.13	23.08		
20	QPSK	50	0	22.02	22.06	21.92		
20	QPSK	50	28	22.39	23.05	22.38	24.5	0.0
20	QPSK	50	56	21.95	22.00	22.02	23.5	1.0
20	QPSK	100	0	21.91	21.95	21.93	23.5	1.0
20	16QAM	1	1	21.72	21.76	21.69	23.5	1.0
20	64QAM	1	1	20.09	20.19	20.10	22.0	2.5
20	256QAM	1	1	18.35	18.70	18.63	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1851.5	1880	1902.5		
15	QPSK	1	1	22.96	23.01	23.07	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.03	23.04	22.97	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.94	23.03	23.02	24.5	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				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	23.44	23.52	23.47	25.0	0.0	
20	PI2 BPSK	1	53	23.49	23.66	23.66			
20	PI2 BPSK	1	104	23.43	23.65	23.52			
20	PI2 BPSK	50	0	23.03	23.19	23.14			
20	PI2 BPSK	50	28	23.34	23.52	23.39	25.0	0.0	
20	PI2 BPSK	50	56	22.99	23.08	22.99	24.5	0.5	
20	PI2 BPSK	100	0	22.91	23.03	22.94	25.0	0.0	
20	QPSK	1	1	23.61	23.70	23.61			
20	QPSK	1	53	23.38	23.56	23.55			
20	QPSK	1	104	23.45	23.59	23.58			
20	QPSK	50	0	22.56	22.71	22.59	24.0	1.0	
20	QPSK	50	28	23.43	23.62	23.48	25.0	0.0	
20	QPSK	50	56	22.30	22.49	22.28	24.0	1.0	
20	QPSK	100	0	22.38	22.57	22.42	24.0	1.0	
20	16QAM	1	1	22.36	22.53	22.45			
20	64QAM	1	1	21.00	21.00	20.94			
20	256QAM	1	1	19.42	19.53	19.31			
Channel				166300	167300	166300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	831.5			
15	QPSK	1	1	23.50	23.66	23.46	25.0	0.0	
Channel				165800	167300	165800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829 <th>836.5<th>844</th></th>	836.5 <th>844</th>	844			
10	QPSK	1	1	23.59	23.85	23.57	25.0	0.0	
Channel				168200	167300	168200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5 <th>836.5</th> <th>846.5</th>	836.5	846.5			
5	QPSK	1	1	23.58	23.60	23.51	25.0	0.0	

n5_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch / Freq	Power Ch / Freq	Power Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	23.42	23.48	23.39	25.0	0.0	
20	PI2 BPSK	1	53	23.42	23.53	23.51			
20	PI2 BPSK	1	104	23.38	23.50	23.48			
20	PI2 BPSK	50	0	22.89	23.06	23.04			
20	PI2 BPSK	50	28	23.31	23.46	23.32	25.0	0.0	
20	PI2 BPSK	50	56	22.91	23.00	22.85	24.5	0.5	
20	PI2 BPSK	100	0	22.87	23.02	22.91	25.0	0.5	
20	QPSK	1	1	23.51	23.56	23.50			
20	QPSK	1	53	23.35	23.50	23.46			
20	QPSK	1	104	23.44	23.53	23.50			
20	QPSK	50	0	22.48	22.57	22.52	24.0	1.0	
20	QPSK	50	28	23.39	23.52	23.42	25.0	0.0	
20	QPSK	50	56	22.24	22.36	22.24	24.0	1.0	
20	QPSK	100	0	22.36	22.45	22.35	24.0	1.0	
20	16QAM	1	1	22.31	22.38	22.37			
20	64QAM	1	1	20.89	20.96	20.89			
20	256QAM	1	1	19.39	19.42	19.27			
Channel				168200	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	23.49	23.55	23.53	25.0	0.0	
Channel				166800	167300	166800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	23.50	23.42	23.41	25.0	0.0	
Channel				168200	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	23.41	23.49	23.51	25.0	0.0	

n7_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				50200	50700	51200	16.0	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	14.44	14.48	14.42		
20	PI2 BPSK	1	53	14.35	14.55	14.50	16.0	0.0
20	PI2 BPSK	1	104	14.57	14.47	14.45		
20	PI2 BPSK	50	0	14.35	14.52	14.45		
20	PI2 BPSK	50	28	14.49	14.60	14.38	16.0	0.0
20	PI2 BPSK	50	56	14.51	14.53	14.45	16.0	0.0
20	PI2 BPSK	100	0	14.35	14.59	14.44	16.0	0.0
20	QPSK	1	1	14.55	14.60	14.50	16.0	0.0
20	QPSK	1	53	14.62	14.49	14.51		
20	QPSK	1	104	14.33	14.52	14.39		
20	QPSK	50	0	14.44	14.51	14.46	16.0	0.0
20	QPSK	50	28	14.53	14.57	14.45	16.0	0.0
20	QPSK	50	56	14.38	14.45	14.39	16.0	0.0
20	QPSK	100	0	14.40	14.50	14.43	16.0	0.0
20	16QAM	1	1	14.37	14.54	14.52	16.0	0.0
20	64QAM	1	1	14.39	14.50	14.42	16.0	0.0
20	256QAM	1	1	14.36	14.51	14.48	16.0	0.0
Channel				50100	50700	51200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	16.0	0.0
15	QPSK	1	1	14.43	14.51	14.46	16.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	16.0	0.0
10	QPSK	1	1	14.43	14.51	14.42	16.0	0.0
Channel				500200	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	16.0	0.0
5	QPSK	1	1	14.45	14.40	14.39	16.0	0.0

n7_Ant 2

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				50200	50700	51200	24.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	23.05	23.17	23.10		
20	PI2 BPSK	1	53	23.01	23.06	23.09	24.5	0.0
20	PI2 BPSK	1	104	23.04	23.17	23.00		
20	PI2 BPSK	50	0	23.06	23.61	22.46		
20	PI2 BPSK	50	28	23.00	23.05	23.07	24.5	0.0
20	PI2 BPSK	50	56	22.55	22.63	22.45	24.0	0.5
20	PI2 BPSK	100	0	22.60	22.56	22.49	24.0	0.5
20	QPSK	1	1	23.11	23.20	23.16	24.5	0.0
20	QPSK	1	53	23.06	23.13	23.05		
20	QPSK	1	104	22.95	23.19	23.11		
20	QPSK	50	0	22.20	22.23	22.11	23.5	1.0
20	QPSK	50	28	22.96	23.05	23.03	24.5	0.0
20	QPSK	50	56	22.00	22.02	21.95	23.5	1.0
20	QPSK	100	0	22.07	22.13	22.11	23.5	1.0
20	16QAM	1	1	21.96	22.00	21.97	23.5	1.0
20	64QAM	1	1	20.47	20.55	20.47	22.0	2.5
20	256QAM	1	1	19.03	19.02	18.99	20.0	4.5
Channel				501000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	24.5	0.0
15	QPSK	1	1	22.99	23.07	23.04	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	24.5	0.0
10	QPSK	1	1	23.01	23.07	23.03	24.5	0.0
Channel				500500	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	24.5	0.0
5	QPSK	1	1	22.99	23.15	23.04	24.5	0.0

n7_Ant 4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				50200	50700	51200	24.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	23.00	23.02	22.93		
20	PI2 BPSK	1	53	22.82	22.97	22.96	24.5	0.0
20	PI2 BPSK	1	104	22.89	22.95	22.82		
20	PI2 BPSK	50	0	22.91	22.95	22.92		
20	PI2 BPSK	50	28	22.86	23.00	22.99	24.5	0.0
20	PI2 BPSK	50	56	22.92	22.80	22.48	24.0	0.5
20	PI2 BPSK	100	0	22.46	22.52	22.43	24.0	0.5
20	QPSK	1	1	22.96	23.05	23.00	24.5	0.0
20	QPSK	1	53	22.99	23.02	22.88		
20	QPSK	1	104	22.86	23.00	22.93		
20	QPSK	50	0	22.02	22.10	22.06	23.5	1.0
20	QPSK	50	28	22.92	22.98	22.95	24.5	0.0
20	QPSK	50	56	22.00	22.07	22.02	23.5	1.0
20	QPSK	100	0	21.92	21.99	21.95	23.5	1.0
20	16QAM	1	1	21.72	21.79	21.77	23.5	1.0
20	64QAM	1	1	20.34	20.35	20.29	22.0	2.5
20	256QAM	1	1	18.83	18.88	18.77	20.0	4.5
Channel				501000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	24.5	0.0
15	QPSK	1	1	22.83	23.03	22.97	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	24.5	0.0
10	QPSK	1	1	22.94	22.99	22.90	24.5	0.0
Channel				500500	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	24.5	0.0
5	QPSK	1	1	22.93	22.97	22.88	24.5	0.0

n66_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch 1 Freq	Power Middle Ch 1 Freq	Power High Ch 1 Freq	Tune-up limit (dBm)	MPR (dB)
Channel				345000	346000	353000	24.5	0.0
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	23.15	23.26	23.16		
30	PI2 BPSK	1	80	23.17	23.20	23.19		
30	PI2 BPSK	1	158	23.11	23.22	23.10	24.0	0.5
30	PI2 BPSK	80	0	22.89	22.75	22.87		
30	PI2 BPSK	80	40	23.20	23.25	23.23		
30	PI2 BPSK	80	80	22.85	22.73	22.83		
30	PI2 BPSK	160	0	22.80	22.66	22.54	24.0	0.5
30	QPSK	1	1	23.25	23.30	23.24		
30	QPSK	1	80	23.19	23.25	23.12		
30	QPSK	1	158	23.17	23.21	23.17		
30	QPSK	80	0	22.16	22.22	22.21	23.5	1.0
30	QPSK	80	40	23.09	23.23	23.22		
30	QPSK	80	80	22.19	22.24	22.20		
30	QPSK	160	0	22.05	22.20	22.15		
30	16QAM	1	1	21.80	21.83	21.86	23.5	1.0
30	16QAM	1	1	20.37	20.48	20.47		
30	256QAM	1	1	19.02	19.05	18.96		
Channel				344000	345000	354000	24.5	0.0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.08	23.19	23.16		
Channel				343500	348000	354500	24.5	0.0
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.11	23.22	23.16		
Channel				343000	345000	350500	24.5	0.0
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.07	23.28	23.23		
Channel				342500	349000	355500	24.5	0.0
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.08	23.18	23.18		

n66_Ant 2

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch 1 Freq	Power Middle Ch 1 Freq	Power High Ch 1 Freq	Tune-up limit (dBm)	MPR (dB)
Channel				345000	346000	353000	24.5	0.0
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	23.01	23.22	23.10		
30	PI2 BPSK	1	80	23.04	23.16	23.16		
30	PI2 BPSK	1	158	23.02	23.19	23.04	24.0	0.5
30	PI2 BPSK	80	0	22.66	22.61	22.59		
30	PI2 BPSK	80	40	23.18	23.22	23.11		
30	PI2 BPSK	80	80	22.58	22.61	22.57		
30	PI2 BPSK	160	0	22.49	22.56	22.52	24.5	0.0
30	QPSK	1	1	22.17	22.27	22.15		
30	QPSK	1	80	23.15	23.21	23.08		
30	QPSK	1	158	23.08	23.18	23.08		
30	QPSK	80	0	22.15	22.17	22.20	24.5	0.0
30	QPSK	80	40	23.05	23.21	23.13		
30	QPSK	80	80	22.09	22.12	22.18		
30	QPSK	160	0	21.98	22.10	22.11		
30	16QAM	1	1	21.76	21.85	21.82	23.5	1.0
30	16QAM	1	1	20.27	20.34	20.43		
30	256QAM	1	1	18.92	18.95	18.94		
Channel				344000	345000	354000	24.5	0.0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.10	23.14	23.10		
Channel				343500	348000	354500	24.5	0.0
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.02	23.24	23.04		
Channel				343000	345000	350500	24.5	0.0
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.15	23.22	23.05		
Channel				342500	349000	355500	24.5	0.0
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.10	23.14	22.97		

n66_Ant 4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch 1 Freq	Power Middle Ch 1 Freq	Power High Ch 1 Freq	Tune-up limit (dBm)	MPR (dB)
Channel				345000	346000	353000	24.5	0.0
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	22.81	22.90	22.76		
30	PI2 BPSK	1	80	22.86	22.87	22.83	24.0	0.5
30	PI2 BPSK	1	158	22.70	22.85	22.80		
30	PI2 BPSK	80	0	22.39	22.45	22.34		
30	PI2 BPSK	80	40	22.85	22.89	22.80		
30	PI2 BPSK	80	80	22.34	22.42	22.29	24.0	0.5
30	PI2 BPSK	160	0	22.23	22.38	22.24		
30	QPSK	1	1	22.95	22.93	22.83		
30	QPSK	1	80	22.85	22.90	22.76		
30	QPSK	1	158	22.83	22.88	22.77	23.5	1.0
30	QPSK	80	0	21.84	21.96	21.91		
30	QPSK	80	40	22.75	22.90	22.79		
30	QPSK	80	80	21.91	21.92	21.87		
30	QPSK	160	0	21.80	21.90	21.87	23.5	1.0
30	16QAM	1	1	21.62	21.70	21.56		
30	16QAM	1	1	20.17	20.31	20.26		
30	256QAM	1	1	18.81	18.83	18.79		
Channel				344000	345000	354000	24.5	0.0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.72	22.82	22.68		
Channel				343500	348000	354500	24.5	0.0
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.75	22.82	22.76		
Channel				343000	345000	350500	24.5	0.0
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.85	22.92	22.81		
Channel				342500	349000	355500	24.5	0.0
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.77	22.83	22.74		

n71_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				134.100	136.100	138.100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	PI2 BPSK	1	1	23.17	23.16	23.22	24.5	0.0
15	PI2 BPSK	1	40	23.12	23.18	23.04		
15	PI2 BPSK	1	77	23.16	23.17	23.10		
15	PI2 BPSK	36	0	23.07	22.71	23.59		
15	PI2 BPSK	36	22	23.15	23.22	23.07	24.5	0.0
15	PI2 BPSK	36	43	22.06	22.87	22.82	24.0	0.5
15	PI2 BPSK	75	0	22.72	22.73	22.77		
15	QPSK	1	1	23.25	23.26	23.27		
15	QPSK	1	40	23.17	23.26	23.18		
15	QPSK	1	77	23.07	23.13	23.10	24.5	0.0
15	QPSK	36	0	21.99	22.06	21.91		
15	QPSK	36	22	23.15	23.25	23.18		
15	QPSK	36	43	22.09	22.10	22.06		
15	QPSK	75	0	22.00	22.06	22.06	23.5	1.0
15	16QAM	1	1	21.96	22.01	22.05	23.5	1.0
15	64QAM	1	1	20.51	20.55	20.37	22.0	2.5
15	256QAM	1	1	19.11	19.14	19.13	20.0	4.5
Channel				135000	136100	136500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	668.5	669		
10	QPSK	1	1	23.16	23.19	23.25	24.5	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	660.5	695.5		
5	QPSK	1	1	23.17	23.19	23.23	24.5	0.0

n71_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				134.100	136.100	138.100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	PI2 BPSK	1	1	23.26	23.30	23.26	24.5	0.0
15	PI2 BPSK	1	40	23.18	23.21	23.13		
15	PI2 BPSK	1	77	23.20	23.26	23.13		
15	PI2 BPSK	36	0	22.77	22.80	22.69		
15	PI2 BPSK	36	22	23.23	23.25	23.12	24.5	0.0
15	PI2 BPSK	36	43	22.74	22.78	22.67	24.0	0.5
15	PI2 BPSK	75	0	22.73	22.85	22.82		
15	QPSK	1	1	23.24	23.25	23.25		
15	QPSK	1	40	23.26	23.32	23.22		
15	QPSK	1	77	23.16	23.28	23.16	24.5	0.0
15	QPSK	36	0	22.07	22.16	22.02		
15	QPSK	36	22	23.27	23.28	23.23		
15	QPSK	36	43	22.13	22.21	22.17		
15	QPSK	75	0	22.13	22.19	22.16	23.5	1.0
15	16QAM	1	1	22.06	22.15	22.10	23.5	1.0
15	64QAM	1	1	20.60	20.63	20.48	22.0	2.5
15	256QAM	1	1	19.25	19.28	19.15	20.0	4.5
Channel				135000	136100	136500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	668.5	669		
10	QPSK	1	1	23.31	23.28	23.27	24.5	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	660.5	695.5		
5	QPSK	1	1	23.30	23.20	23.19	24.5	0.0

Part27Q_n77_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Time Ch. 1 (T _{Frame})	Frame Rate Ch. 1 (F _{Frame})	Frame Rate Ch. 2 (F _{Frame})	Time up (ms)	MFR (dB)	
Channel									
Frequency (MHz)				3000.00	3300.00	3600.00			
100	PSSBPSK	1	1	11.80					
100	PSSBPSK	1	132	11.86			12.5	0.0	
100	PSSBPSK	1	271	11.82					
100	PSSBPSK	16	0	11.84			12.6	0.0	
100	PSSBPSK	16	96	11.79			12.5	0.0	
100	PSSBPSK	16	138	11.73			12.5	0.0	
100	PSSBPSK	250	0	11.82			12.5	0.0	
100	QPSK	1	1	11.86					
100	QPSK	1	132	11.73			12.5	0.0	
100	QPSK	1	271	11.80					
100	QPSK	160	0	11.74			12.5	0.0	
100	QPSK	160	96	11.74			12.5	0.0	
100	QPSK	160	138	11.67			12.5	0.0	
100	QPSK	270	0	11.76			12.5	0.0	
100	QPSK	1	1	11.84			12.5	0.0	
100	QPSK	1	1	11.82			12.5	0.0	
100	250QAM	1	1	11.82			12.5	0.0	
Channel									
Frequency (MHz)				3600.00	3900.00	4200.00			
80	QPSK	1	1	11.79	11.81	11.78	12.5	0.0	
Channel									
Frequency (MHz)				3900.00	4200.00	4500.00			
80	QPSK	1	1	11.74	11.82	11.77	12.5	0.0	
Channel									
Frequency (MHz)				4200.00	4500.00	4800.00			
40	QPSK	1	1	11.73	11.82	11.77	12.5	0.0	
Channel									
Frequency (MHz)				4500.00	4800.00	5100.00			
40	QPSK	1	1	11.73	11.82	11.77	12.5	0.0	
Channel									
Frequency (MHz)				4800.00	5100.00	5400.00			
40	QPSK	1	1	11.73	11.82	11.77	12.5	0.0	
Channel									
Frequency (MHz)				5100.00	5400.00	5700.00			
40	QPSK	1	1	11.73	11.82	11.77	12.5	0.0	
Channel									
Frequency (MHz)				5400.00	5700.00	6000.00			
40	QPSK	1	1	11.73	11.82	11.77	12.5	0.0	
Channel									
Frequency (MHz)				5700.00	6000.00	6300.00			
40	QPSK	1	1	11.73	11.82	11.77	12.5	0.0	
Channel									
Frequency (MHz)				6000.00	6300.00	6600.00			
40	QPSK	1	1	11.73	11.82	11.77	12.5	0.0	
Channel									
Frequency (MHz)				6300.00	6600.00	6900.00			
40	QPSK	1	1	11.73	11.82	11.77	12.5	0.0	
Channel									
Frequency (MHz)				6600.00	6900.00	7200.00			
40	QPSK	1	1	11.73	11.82	11.77	12.5	0.0	

Part27Q_n77_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Time (s)	Frame Rate (Hz)	Frame Rate (Hz)	Frame Rate (Hz)	Time up (ms)	MFR (dB)
Channel									
Frequency (MHz)				3700.00	3900.00	4000.00			
100	PSSBPSK	1	1	11.84	11.84	11.84	11.84		
100	PSSBPSK	1	132	11.80	11.82	11.84	11.84	12.5	0.0
100	PSSBPSK	1	271	11.85	11.83	11.84	11.84		
100	PSSBPSK	16	0	11.80	11.85	11.87	11.87	12.6	0.0
100	PSSBPSK	16	96	11.75	11.78	11.80	11.80	12.5	0.0
100	PSSBPSK	16	138	11.78	11.74	11.77	11.77	12.5	0.0
100	PSSBPSK	250	0	11.84	11.81	11.78	11.78	12.5	0.0
100	QPSK	1	1	11.86	11.87	11.88	11.88		
100	QPSK	1	132	11.76	11.74	11.80	11.80	12.5	0.0
100	QPSK	1	271	11.81	11.87	11.86	11.86		
100	QPSK	160	0	11.71	11.65	11.58	11.58	12.5	0.0
100	QPSK	160	96	11.66	11.60	11.57	11.57	12.5	0.0
100	QPSK	160	138	11.57	11.60	11.61	11.61	12.5	0.0
100	QPSK	270	0	11.61	11.60	11.60	11.60	12.5	0.0
100	QPSK	1	1	11.82	11.81	11.80	11.80	12.5	0.0
100	QPSK	1	1	11.72	11.81	11.80	11.80	12.5	0.0
100	250QAM	1	1	11.72	11.81	11.80	11.80	12.5	0.0
Channel									
Frequency (MHz)				4000.00	4200.00	4400.00			
80	QPSK	1	1	11.81	11.81	11.82	11.82	12.5	0.0
Channel									
Frequency (MHz)				4200.00	4400.00	4600.00			
80	QPSK	1	1	11.76	11.88	11.82	11.82	12.5	0.0
Channel									
Frequency (MHz)				4400.00	4600.00	4800.00			
40	QPSK	1	1	11.72	11.87	11.84	11.84	12.5	0.0
Channel									
Frequency (MHz)				4600.00	4800.00	5000.00			
40	QPSK	1	1	11.72	11.87	11.84	11.84	12.5	0.0
Channel									
Frequency (MHz)				4800.00	5000.00	5200.00			
40	QPSK	1	1	11.72	11.87	11.84	11.84	12.5	0.0
Channel									
Frequency (MHz)				5000.00	5200.00	5400.00			
40	QPSK	1	1	11.72	11.87	11.84	11.84	12.5	0.0
Channel									
Frequency (MHz)				5200.00	5400.00	5600.00			
40	QPSK	1	1	11.72	11.87	11.84	11.84	12.5	0.0
Channel									
Frequency (MHz)				5400.00	5600.00	5800.00			
40	QPSK	1	1	11.72	11.87	11.84	11.84	12.5	0.0
Channel									
Frequency (MHz)				5600.00	5800.00	6000.00			
40	QPSK	1	1	11.72	11.87	11.84	11.84	12.5	0.0

Part27Q_n77_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Frame Time (Ch. 1) (T _{Frame})	Frame Rate (Ch. 1) (F _{Frame})	Frame Rate (Ch. 2) (F _{Frame})	Time up (ms)	MFR (dB)	
Channel									
Frequency (MHz)				3700.00	3800.00	3900.00			
100	PSSBPSK	1	1	21.87					
100	PSSBPSK	1	132	21.87			23.0	0.0	
100	PSSBPSK	1	271	22.00					
100	PSSBPSK	16	0	21.85			22.6	0.0	
100	PSSBPSK	16	96	21.96			22.0	0.0	
100	PSSBPSK	16	138	21.48			22.5	0.0	
100	PSSBPSK	250	0	21.80			22.5	0.0	
100	QPSK	1	1	22.14					
100	QPSK	1	132	22.00			23.0	0.0	
100	QPSK	1	271	21.87					
100	QPSK	160	0	21.80			22.0	1.0	
100	QPSK	160	96	21.86			22.0	0.0	
100	QPSK	160	138	21.80			22.0	1.0	
100	QPSK	270	0	21.80			22.0	0.0	
100	QPSK	1	1	22.01			22.0	1.0	
100	QPSK	1	1	21.86			22.0	1.0	
100	250QAM	1	1	18.91			18.5	4.5	
100	250QAM	1	1	18.91			18.5	4.5	
Channel									
Frequency (MHz)				3800.00	3900.00	4000.00			
80	QPSK	1	1	22.07	22.08	22.06	22.0	0.0	
Channel									
Frequency (MHz)				3900.00	4000.00	4100.00			
80	QPSK	1	1	22.07	22.08	22.06	22.0	0.0	
Channel									
Frequency (MHz)				4000.00	4100.00	4200.00			
40	QPSK	1	1	22.07	22.08	22.06	22.0	0.0	
Channel									
Frequency (MHz)				4100.00	4200.00	4300.00			
40	QPSK	1	1	22.07	22.08	22.06	22.0	0.0	
Channel									
Frequency (MHz)				4200.00	4300.00	4400.00			
30	QPSK	1	1	22.08	22.09	22.07	22.0	0.0	
Channel									
Frequency (MHz)				4300.00	4400.00	4500.00			
20	QPSK	1	1	21.97	22.07	22.06	22.0	0.0	

Reduced Power Mode for ECI 15

n2_Ant 1							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq)	Power Mode Ch. (Freq)	Power High Ch. (Freq)	
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI2 BPSK	1	1	17.00	17.06	17.13	
20	PI2 BPSK	1	53	17.07	17.18	17.14	18.5
20	PI2 BPSK	1	104	17.26	17.07	17.08	
20	PI2 BPSK	50	0	17.03	17.14	17.07	18.5
20	PI2 BPSK	50	28	17.06	17.10	17.03	18.5
20	PI2 BPSK	50	56	17.03	17.08	17.04	18.5
20	PI2 BPSK	100	0	17.11	17.04	17.02	
20	QPSK	1	1	16.15	17.10	17.16	
20	QPSK	1	53	17.09	17.11	17.11	18.5
20	QPSK	1	104	17.10	17.14	17.12	
20	QPSK	50	0	17.06	17.06	17.08	18.5
20	QPSK	50	28	17.08	17.17	17.12	18.5
20	QPSK	50	56	16.97	17.15	17.06	18.5
20	QPSK	100	0	17.01	17.15	17.03	
20	16QAM	1	1	17.06	17.12	17.14	18.5
20	64QAM	1	1	17.06	17.15	17.13	18.5
20	256QAM	1	1	17.09	17.18	17.09	18.5
Channel				371000	376000	380000	
Frequency (MHz)				1867.5	1880	1902.5	
15	QPSK	1	1	16.98	17.05	17.05	18.5
Channel				371000	376000	381000	
Frequency (MHz)				1865	1880	1905	
10	QPSK	1	1	16.83	17.01	16.99	18.5
Channel				370500	376000	381500	
Frequency (MHz)				1862.5	1880	1907.5	
5	QPSK	1	1	16.91	17.01	17.04	18.5

n2_Ant 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq)	Power Mode Ch. (Freq)	Power High Ch. (Freq)	
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI2 BPSK	1	1	22.68	22.70	22.68	
20	PI2 BPSK	1	53	22.68	22.64	22.53	24.5
20	PI2 BPSK	1	104	22.71	22.75	22.87	
20	PI2 BPSK	50	0	22.21	22.21	22.05	24.0
20	PI2 BPSK	50	28	22.58	22.66	22.65	24.5
20	PI2 BPSK	50	56	22.05	22.25	22.17	24.0
20	PI2 BPSK	100	0	22.24	22.19	22.15	
20	QPSK	1	1	22.81	22.90	22.76	
20	QPSK	1	53	22.87	22.79	22.88	24.5
20	QPSK	1	104	22.74	22.82	22.71	
20	QPSK	50	0	21.56	21.63	21.56	23.5
20	QPSK	50	28	21.58	22.62	22.57	24.5
20	QPSK	50	56	21.70	21.68	21.76	23.5
20	QPSK	100	0	21.63	21.75	21.59	
20	16QAM	1	1	21.55	21.58	21.53	23.5
20	64QAM	1	1	20.05	20.10	20.02	22.0
20	256QAM	1	1	18.49	18.57	18.65	20.0
Channel				371000	376000	380000	
Frequency (MHz)				1867.5	1880	1902.5	
15	QPSK	1	1	22.86	22.88	22.64	24.5
Channel				371000	376000	381000	
Frequency (MHz)				1865	1880	1905	
10	QPSK	1	1	22.74	22.78	22.68	24.5
Channel				370500	376000	381500	
Frequency (MHz)				1862.5	1880	1907.5	
5	QPSK	1	1	22.83	22.82	22.75	24.5

n2_Ant 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq)	Power Mode Ch. (Freq)	Power High Ch. (Freq)	
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI2 BPSK	1	1	16.98	17.16	17.06	
20	PI2 BPSK	1	53	17.11	17.13	17.08	18.5
20	PI2 BPSK	1	104	17.26	17.04	17.07	
20	PI2 BPSK	50	0	17.02	17.18	17.01	18.5
20	PI2 BPSK	50	28	17.06	17.18	17.07	18.5
20	PI2 BPSK	50	56	17.05	17.09	16.97	18.5
20	PI2 BPSK	100	0	17.06	17.16	17.08	
20	QPSK	1	1	16.15	17.10	17.16	
20	QPSK	1	53	16.97	17.06	17.09	18.5
20	QPSK	1	104	17.06	17.08	17.04	
20	QPSK	50	0	17.08	17.13	17.00	18.5
20	QPSK	50	28	17.10	17.16	17.07	18.5
20	QPSK	50	56	17.08	17.09	17.02	18.5
20	QPSK	100	0	16.98	17.11	17.05	
20	16QAM	1	1	17.09	17.05	16.97	18.5
20	64QAM	1	1	17.10	17.11	17.06	18.5
20	256QAM	1	1	17.06	17.12	17.01	18.5
Channel				371000	376000	380000	
Frequency (MHz)				1867.5	1880	1902.5	
15	QPSK	1	1	16.98	17.13	16.96	18.5
Channel				371000	376000	381000	
Frequency (MHz)				1865	1880	1905	
10	QPSK	1	1	17.07	17.12	17.05	18.5
Channel				370500	376000	381500	
Frequency (MHz)				1862.5	1880	1907.5	
5	QPSK	1	1	17.08	17.04	16.97	18.5

n5_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low		Power Middle		Power High	
				Ch. / Freq.	167300	Ch. / Freq.	167300	Ch. / Freq.	167300
Channel				166800		167300		167800	
Frequency (MHz)				834		836.5		839	
20	PI2 BPSK	1	1	23.44	23.52	23.47			
20	PI2 BPSK	1	53	23.49	23.66	23.66			
20	PI2 BPSK	1	104	23.43	23.55	23.52			
20	PI2 BPSK	50	0	23.03	23.19	23.14	24.5	0.5	
20	PI2 BPSK	50	28	23.34	23.52	23.39	25.0	0.0	
20	PI2 BPSK	50	56	22.96	23.08	22.95	24.5	0.5	
20	PI2 BPSK	100	0	22.91	23.03	22.93			
20	QPSK	1	1	23.61	23.70	23.61			
20	QPSK	1	53	23.38	23.56	23.55	25.0	0.0	
20	QPSK	1	104	23.45	23.59	23.58			
20	QPSK	50	0	22.36	22.71	22.59	24.0	1.0	
20	QPSK	50	28	23.45	23.62	23.45	25.0	0.0	
20	QPSK	50	56	22.30	22.46	22.28	24.0	1.0	
20	QPSK	100	0	22.38	22.57	22.42	24.0	1.0	
20	16QAM	1	1	22.36	22.53	22.45	24.0	1.0	
20	64QAM	1	1	21.00	21.00	20.94	22.5	2.5	
20	256QAM	1	1	19.42	19.53	19.31	20.5	4.5	
Channel				166300		167300		168300	
Frequency (MHz)				831.5		836.5		841.5	
15	QPSK	1	1	23.50	23.66	23.46	25.0	0.0	
Channel				165800 <th colspan="2">166800</th> <th colspan="2">165800</th>		166800		165800	
Frequency (MHz)				829		836.5		844	
10	QPSK	1	1	23.59	23.56	23.57	25.0	0.0	
Channel				165300 <th colspan="2">167300</th> <th colspan="2">165300</th>		167300		165300	
Frequency (MHz)				826.5		836.5		846.5	
5	QPSK	1	1	23.58	23.60	23.51	25.0	0.0	

n5_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low		Power Middle		Power High	
				Ch. / Freq.	167600	Ch. / Freq.	167800	Ch. / Freq.	167800
Channel				166600		167300		167800	
Frequency (MHz)				834		836.5		839	
20	PI2 BPSK	1	1	23.42	23.48	23.39			
20	PI2 BPSK	1	53	23.42	23.53	23.51	25.0	0.0	
20	PI2 BPSK	1	104	23.38	23.36	23.46			
20	PI2 BPSK	50	0	22.95	23.05	23.04	24.5	0.5	
20	PI2 BPSK	50	28	23.31	23.46	23.32	25.0	0.0	
20	PI2 BPSK	50	56	22.91	23.00	22.85	24.5	0.5	
20	PI2 BPSK	100	0	22.87	23.02	22.91			
20	QPSK	1	1	23.51	23.56	23.55			
20	QPSK	1	53	23.35	23.50	23.46	25.0	0.0	
20	QPSK	1	104	23.44	23.53	23.50			
20	QPSK	50	0	22.48	22.57	22.52	24.0	1.0	
20	QPSK	50	28	23.35	23.52	23.42	25.0	0.0	
20	QPSK	50	56	22.24	22.36	22.24	24.0	1.0	
20	QPSK	100	0	22.36	22.45	22.35	24.0	1.0	
20	16QAM	1	1	22.31	22.38	22.37	24.0	1.0	
20	64QAM	1	1	20.89	20.96	20.89	22.5	2.5	
20	256QAM	1	1	19.39	19.42	19.27	20.5	4.5	
Channel				166300		167300		166300	
Frequency (MHz)				831.5		836.5		841.5	
15	QPSK	1	1	23.45	23.55	23.53	25.0	0.0	
Channel				165800		167300		165800	
Frequency (MHz)				829		836.5		844	
10	QPSK	1	1	23.50	23.42	23.41	25.0	0.0	
Channel				165300		167300		165300	
Frequency (MHz)				826.5		836.5		846.5	
5	QPSK	1	1	23.41	23.49	23.51	25.0	0.0	

n7_Ant 1							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq)	Power Mode Ch. (Freq)	Power High Ch. (Freq)	
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI2 BPSK	1	1	16.48	16.53	16.51	
20	PI2 BPSK	1	53	16.47	16.58	16.53	18.0
20	PI2 BPSK	1	104	16.39	16.56	16.49	
20	PI2 BPSK	50	0	16.48	16.54	16.60	18.0
20	PI2 BPSK	50	28	16.50	16.65	16.51	18.0
20	PI2 BPSK	50	56	16.08	16.60	16.57	18.0
20	PI2 BPSK	100	0	16.47	16.66	16.46	
20	QPSK	1	1	16.55	16.56	16.51	
20	QPSK	1	53	16.56	16.63	16.46	18.0
20	QPSK	1	104	16.47	16.64	16.49	
20	QPSK	50	0	16.06	16.61	16.48	18.0
20	QPSK	50	28	16.57	16.66	16.56	18.0
20	QPSK	50	56	16.46	16.57	16.53	18.0
20	QPSK	100	0	16.50	16.60	16.52	
20	16QAM	1	1	16.50	16.58	16.54	18.0
20	64QAM	1	1	16.46	16.62	16.56	18.0
20	256QAM	1	1	16.50	16.61	16.60	18.0
Channel				507000	507000	512000	
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	1	16.37	16.64	16.46	18.0
Channel				501000	507000	513000	
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	1	16.45	16.58	16.46	18.0
Channel				500500	507000	513500	
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	1	16.37	16.53	16.51	18.0

n7_Ant 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq)	Power Middle Ch. (Freq)	Power High Ch. (Freq)	
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI2 BPSK	1	1	23.05	23.17	23.10	
20	PI2 BPSK	1	53	23.01	23.06	23.09	24.5
20	PI2 BPSK	1	104	23.04	23.17	23.06	
20	PI2 BPSK	50	0	22.58	22.61	22.46	24.0
20	PI2 BPSK	50	28	23.00	23.05	23.07	24.5
20	PI2 BPSK	50	56	22.55	22.63	22.45	24.0
20	PI2 BPSK	100	0	22.60	22.56	22.49	
20	QPSK	1	1	23.11	23.20	23.16	
20	QPSK	1	53	23.06	23.13	23.05	24.5
20	QPSK	1	104	22.95	23.19	23.11	
20	QPSK	50	0	22.20	22.23	22.11	23.5
20	QPSK	50	28	22.98	23.05	23.03	24.5
20	QPSK	50	56	22.00	22.02	21.96	23.5
20	QPSK	100	0	22.07	22.13	22.11	
20	16QAM	1	1	21.96	22.00	21.97	23.5
20	64QAM	1	1	20.47	20.56	20.47	22.0
20	256QAM	1	1	19.03	19.02	18.99	20.0
Channel				501500	507000	512500	
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	1	22.99	23.07	23.04	24.5
Channel				501000	507000	513000	
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	1	23.01	23.07	23.03	24.5
Channel				500500	507000	513500	
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	1	22.99	23.15	23.04	24.5

n7_Ant 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq)	Power Mode Ch. (Freq)	Power High Ch. (Freq)	
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI2 BPSK	1	1	16.44	16.38	16.46	
20	PI2 BPSK	1	53	16.47	16.48	16.42	18.0
20	PI2 BPSK	1	104	16.39	16.45	16.51	
20	PI2 BPSK	50	0	16.36	16.48	16.51	18.0
20	PI2 BPSK	50	28	16.39	16.47	16.39	18.0
20	PI2 BPSK	50	56	16.46	16.50	16.43	18.0
20	PI2 BPSK	100	0	16.43	16.56	16.51	
20	QPSK	1	1	16.55	16.59	16.52	
20	QPSK	1	53	16.49	16.49	16.41	18.0
20	QPSK	1	104	16.47	16.50	16.40	
20	QPSK	50	0	16.40	16.52	16.37	18.0
20	QPSK	50	28	16.47	16.56	16.43	18.0
20	QPSK	50	56	16.46	16.49	16.40	18.0
20	QPSK	100	0	16.41	16.53	16.42	
20	16QAM	1	1	16.49	16.50	16.49	18.0
20	64QAM	1	1	16.45	16.51	16.44	18.0
20	256QAM	1	1	16.46	16.50	16.48	18.0
Channel				507000	507000	512000	
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	1	16.41	16.58	16.47	18.0
Channel				501000	507000	513000	
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	1	16.44	16.51	16.44	18.0
Channel				500500	507000	513500	
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	1	16.39	16.50	16.44	18.0

n66_Ant 1							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq	Power Middle Ch. Freq	Power High Ch. Freq	
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI2 BPSK	1	1	23.15	23.26	23.16	
30	PI2 BPSK	1	80	23.17	23.20	23.19	24.5
30	PI2 BPSK	1	158	23.11	23.22	23.10	
30	PI2 BPSK	80	0	22.69	22.75	22.67	24.0
30	PI2 BPSK	80	40	23.20	23.25	23.23	24.5
30	PI2 BPSK	80	80	22.65	22.73	22.65	24.0
30	PI2 BPSK	100	0	22.80	22.86	22.54	
30	QPSK	1	1	23.26	23.30	23.24	
30	QPSK	1	80	23.19	23.25	23.12	24.5
30	QPSK	1	158	23.17	23.21	23.17	
30	QPSK	80	0	22.16	22.22	22.21	23.5
30	QPSK	80	40	23.09	23.23	23.22	24.5
30	QPSK	80	80	22.19	22.24	22.20	23.5
30	QPSK	160	0	22.05	22.20	22.15	
30	16QAM	1	1	21.80	21.93	21.86	23.5
30	64QAM	1	1	20.37	20.48	20.47	22.0
30	256QAM	1	1	18.02	18.05	18.86	20.0
Channel				345000	349000	349000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	1	23.08	23.19	23.16	24.5
Channel				343500	349000	345000	
Frequency (MHz)				1717.5	1745	1772.5	
18	QPSK	1	1	23.11	23.22	23.16	24.5
Channel				342000	349000	350000	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	1	23.07	23.28	23.23	24.5
Channel				342500	349000	355000	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	23.08	23.18	23.18	24.5

n66_Ant 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq	Power Middle Ch. Freq	Power High Ch. Freq	
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI2 BPSK	1	1	23.01	23.22	23.10	
30	PI2 BPSK	1	80	23.04	23.16	23.16	24.5
30	PI2 BPSK	1	158	23.02	23.19	23.04	
30	PI2 BPSK	80	0	22.66	22.61	22.59	24.0
30	PI2 BPSK	80	40	23.18	23.22	23.11	24.5
30	PI2 BPSK	80	80	22.68	22.61	22.67	24.0
30	PI2 BPSK	160	0	22.49	22.56	22.52	
30	QPSK	1	1	23.17	23.27	23.14	
30	QPSK	1	80	23.15	23.21	23.08	24.5
30	QPSK	1	158	23.08	23.18	23.06	
30	QPSK	80	0	22.15	22.17	22.20	23.5
30	QPSK	80	40	23.05	23.21	23.13	24.5
30	QPSK	80	80	22.09	22.12	22.18	23.5
30	QPSK	160	0	21.98	22.10	22.11	
30	16QAM	1	1	21.76	21.85	21.82	23.5
30	64QAM	1	1	20.27	20.34	20.43	22.0
30	256QAM	1	1	18.92	18.95	18.94	20.0
Channel				347000	349000	350000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	1	23.10	23.14	23.10	24.5
Channel				343500	349000	354500	
Frequency (MHz)				1717.5	1745	1772.5	
18	QPSK	1	1	23.02	23.24	23.04	24.5
Channel				343000	349000	350000	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	1	23.15	23.22	23.05	24.5
Channel				342000	349000	355000	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	23.10	23.14	22.97	24.5

n66_Ant 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq	Power Middle Ch. Freq	Power High Ch. Freq	
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI2 BPSK	1	1	15.81	15.84	15.87	
30	PI2 BPSK	1	80	15.82	15.88	15.75	17.5
30	PI2 BPSK	1	158	15.86	15.85	15.85	
30	PI2 BPSK	80	0	15.83	15.83	15.78	17.5
30	PI2 BPSK	80	40	15.89	15.97	15.87	17.5
30	PI2 BPSK	80	80	15.87	15.84	15.76	17.5
30	PI2 BPSK	100	0	15.81	15.95	15.78	
30	QPSK	1	1	15.84	15.96	15.90	
30	QPSK	1	80	15.86	15.84	15.76	17.5
30	QPSK	1	158	15.91	15.91	15.84	
30	QPSK	80	0	15.77	15.84	15.82	17.5
30	QPSK	80	40	15.88	15.95	15.87	17.5
30	QPSK	80	80	15.84	15.82	15.80	17.5
30	QPSK	160	0	15.82	15.90	15.84	
30	16QAM	1	1	15.80	15.86	15.88	17.5
30	64QAM	1	1	15.86	15.86	15.87	17.5
30	256QAM	1	1	15.80	15.96	15.84	17.5
Channel				345000	349000	349000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	1	15.79	15.72	15.74	17.5
Channel				343500	349000	354500	
Frequency (MHz)				1717.5	1745	1772.5	
18	QPSK	1	1	15.69	15.74	15.64	17.5
Channel				342000	349000	350000	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	1	15.77	15.80	15.66	17.5
Channel				342500	349000	355000	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	15.66	15.70	15.62	17.5

n71_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				134.100	136.100	138.100			
Frequency (MHz)				670.5	680.5	690.5			
15	PI2 BPSK	1	1	23.17	23.16	23.22			
15	PI2 BPSK	1	40	23.12	23.18	23.04	24.5	0.0	
15	PI2 BPSK	1	77	23.18	23.17	23.10	24.0	0.5	
15	PI2 BPSK	36	0	22.07	22.71	22.09			
15	PI2 BPSK	36	22	23.15	23.22	23.07		0.0	
15	PI2 BPSK	36	43	22.06	22.07	22.62	24.0	0.5	
15	PI2 BPSK	75	0	22.72	22.73	22.77			
15	QPSK	1	1	23.25	23.26	23.21			
15	QPSK	1	40	23.17	23.25	23.18	24.5	0.0	
15	QPSK	1	77	23.07	23.13	23.10	23.5	1.0	
15	QPSK	36	0	21.99	22.06	21.91			
15	QPSK	36	22	23.15	23.25	23.18		0.0	
15	QPSK	36	43	22.09	22.10	22.06	23.5	1.0	
15	QPSK	75	0	22.00	22.08	22.06			
15	16QAM	1	1	21.96	22.01	22.05	23.5	1.0	
15	64QAM	1	1	20.51	20.55	20.37	22.0	2.5	
15	256QAM	1	1	19.11	19.14	19.13	20.0	4.5	
Channel				133.100	136.100	139.100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665	680.5	695			
10	QPSK	1	1	23.16	23.19	23.25	24.5	0.0	
Channel				133.100	136.100	139.100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	23.17	23.19	23.23	24.5	0.0	

n71_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134.100	136.100	138.100			
Frequency (MHz)				670.5	680.5	690.5			
15	PI2 BPSK	1	1	23.26	23.30	23.26			
15	PI2 BPSK	1	40	23.18	23.21	23.13	24.5	0.0	
15	PI2 BPSK	1	77	23.26	23.26	23.13			
15	PI2 BPSK	36	0	22.77	22.83	22.69		0.5	
15	PI2 BPSK	36	22	23.23	23.25	23.12	24.5	0.0	
15	PI2 BPSK	36	43	22.74	22.78	22.67			
15	PI2 BPSK	75	0	22.73	22.85	22.82			
15	QPSK	1	1	23.14	23.20	23.25	24.5	0.0	
15	QPSK	1	40	23.26	23.32	23.22			
15	QPSK	1	77	23.16	23.28	23.16			
15	QPSK	36	0	22.07	22.16	22.02	23.5	1.0	
15	QPSK	36	22	23.27	23.28	23.25		0.0	
15	QPSK	36	43	22.13	22.21	22.17			
15	QPSK	75	0	22.13	22.10	22.16	23.5	1.0	
15	16QAM	1	1	22.06	22.15	22.10			
15	64QAM	1	1	20.60	20.63	20.48	22.0	2.5	
15	256QAM	1	1	19.25	19.28	19.15	20.0	4.5	
Channel				133.100	136.100	139.100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665	680.5	695			
10	QPSK	1	1	23.31	23.38	23.27	24.5	0.0	
Channel				133.100	136.100	139.100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	23.30	23.20	23.19	24.5	0.0	

Part27Q_n77_Ant 5									
SV [MHz]	Modulation	FE Size	FE Offset	Power Low Ch. [Frac]	Power Mid Ch. [Frac]	Power High Ch. [Frac]	Tune-up Unit [dB]	MFR [dB]	
Channel									
Frequency [MHz]									
100	P100 BPSK	1	1	22.00	22.04	22.08			
100	P100 BPSK	1	137	22.00			23.0	0.0	
100	P100 BPSK	1	271	22.00			22.5	0.5	
100	P100 BPSK	100	0	22.07	22.07	22.07			
100	P100 BPSK	100	66	22.00			23.0	0.0	
100	P100 BPSK	100	138	22.00			22.5	0.5	
100	P100 BPSK	270	0	22.00					
100	CP100	1	1	22.00					
100	CP100	1	137	22.00			23.0	0.0	
100	CP100	1	271	22.00			22.5	0.5	
100	CP100	100	0	22.00	22.00	22.00			
100	CP100	100	66	22.00			23.0	0.0	
100	CP100	100	138	22.00			22.0	1.0	
100	IC100M	1	1	22.00			22.0	1.0	
100	IC100M	1	1	22.00			22.0	1.0	
100	IC100M	1	1	22.00			22.0	1.0	
100	IC100M	1	1	22.00			22.0	1.0	
100	IC100M	1	1	22.00			22.0	1.0	
Channel									
Frequency [MHz]									
80	CP80	1	1	22.00	22.00	22.00			
80	CP80	1	1	22.00	22.00	22.00			
Channel									
Frequency [MHz]									
40	CP40	1	1	22.00	22.00	22.00			
40	CP40	1	1	22.00	22.00	22.00			
Channel									
Frequency [MHz]									
20	CP20	1	1	22.00	22.00	22.00			
20	CP20	1	1	22.00	22.00	22.00			

Part27Q_n77_Ant 5									
SV [MHz]	Modulation	FE Size	FE Offset	Power Low Ch. [Frac]	Power Mid Ch. [Frac]	Power High Ch. [Frac]	Tune-up Unit [dB]	MFR [dB]	
Channel									
Frequency [MHz]									
100	P100 BPSK	1	1	22.00	22.04	22.08			
100	P100 BPSK	1	137	22.00	22.00	22.00	23.0	0.0	
100	P100 BPSK	1	271	22.00	22.00	22.00	22.5	0.5	
100	P100 BPSK	100	0	22.00	22.00	22.00			
100	P100 BPSK	100	66	22.00	22.00	22.00	23.0	0.0	
100	P100 BPSK	100	138	22.00	22.00	22.00	22.5	0.5	
100	P100 BPSK	270	0	22.00	22.04	22.08			
100	CP100	1	1	22.00					
100	CP100	1	137	22.00			23.0	0.0	
100	CP100	1	271	22.00			22.5	0.5	
100	CP100	100	0	22.00	22.00	22.00			
100	CP100	100	66	22.00			23.0	0.0	
100	CP100	100	138	22.00			22.0	1.0	
100	IC100M	1	1	22.00			22.0	1.0	
100	IC100M	1	1	22.00			22.0	1.0	
100	IC100M	1	1	22.00			22.0	1.0	
100	IC100M	1	1	22.00			22.0	1.0	
100	IC100M	1	1	22.00			22.0	1.0	
Channel									
Frequency [MHz]									
80	CP80	1	1	22.00	22.00	22.00			
80	CP80	1	1	22.00	22.00	22.00			
Channel									
Frequency [MHz]									
40	CP40	1	1	22.00	22.00	22.00			
40	CP40	1	1	22.00	22.00	22.00			
Channel									
Frequency [MHz]									
20	CP20	1	1	22.00	22.00	22.00			
20	CP20	1	1	22.00	22.00	22.00			

Part27Q_n77_Ant 7									
SV [MHz]	Modulation	FE Size	FE Offset	Power Low Ch. [Frac]	Power Mid Ch. [Frac]	Power High Ch. [Frac]	Tune-up Unit [dB]	MFR [dB]	
Channel									
Frequency [MHz]									
100	P100 BPSK	1	1	22.00					
100	P100 BPSK	1	137	22.00			24.5	0.0	
100	P100 BPSK	1	271	22.00			24.0	0.5	
100	P100 BPSK	100	0	22.00			24.0	0.0	
100	P100 BPSK	100	66	22.00			24.0	0.0	
100	P100 BPSK	100	138	22.00			24.0	0.0	
100	P100 BPSK	270	0	22.00			24.0	0.0	
100	CP100	1	1	22.00					
100	CP100	1	137	22.00			24.5	0.0	
100	CP100	1	271	22.00			24.0	0.5	
100	CP100	100	0	22.00			24.0	0.0	
100	CP100	100	66	22.00			24.0	0.0	
100	CP100	100	138	22.00			24.0	0.0	
100	IC100M	1	1	22.00			24.0	0.0	
100	IC100M	1	1	22.00			24.0	0.0	
100	IC100M	1	1	22.00			24.0	0.0	
100	IC100M	1	1	22.00			24.0	0.0	
100	IC100M	1	1	22.00			24.0	0.0	
Channel									
Frequency [MHz]									
80	CP80	1	1	22.00	22.00	22.00			
80	CP80	1	1	22.00	22.00	22.00			
Channel									
Frequency [MHz]									
40	CP40	1	1	22.00	22.00	22.00			
40	CP40	1	1	22.00	22.00	22.00			
Channel									
Frequency [MHz]									
20	CP20	1	1	22.00	22.00	22.00			
20	CP20	1	1	22.00	22.00	22.00			

Part27Q_n77_Ant 7									
SV [MHz]	Modulation	FE Size	FE Offset	Power Low Ch. [Frac]	Power Mid Ch. [Frac]	Power High Ch. [Frac]	Tune-up Unit [dB]	MFR [dB]	
Channel									
Frequency [MHz]									
100	P100 BPSK	1	1	22.00	22.00	22.00			
100	P100 BPSK	1	137	22.00	22.00	22.00	24.5	0.0	
100	P100 BPSK	1	271	22.00	22.00	22.00	24.0	0.5	
100	P100 BPSK	100	0	22.00	22.00	22.00	24.0	0.0	
100	P100 BPSK	100	66	22.00	22.00	22.00	24.0	0.0	
100	P100 BPSK	100	138	22.00	22.00	22.00	24.0	0.0	
100	P100 BPSK	270	0	22.00	22.00	22.00	24.0	0.0	
100	CP100	1	1	22.00					
100	CP100	1	137	22.00			24.5	0.0	
100	CP100	1	271	22.00			24.0	0.5	
100	CP100	100	0	22.00	22.00	22.00	24.0	0.0	
100	CP100	100	66	22.00	22.00	22.00	24.0	0.0	
100	CP100	100	138	22.00	22.00	22.00	24.0	0.0	
100	IC100M	1	1	22.00			24.0	0.0	
100	IC100M	1	1	22.00			24.0	0.0	
100	IC100M	1	1	22.00			24.0	0.0	
100	IC100M	1	1	22.00			24.0	0.0	
100	IC100M	1	1	22.00			24.0	0.0	
Channel									
Frequency [MHz]									
80	CP80	1	1	22.00	22.00	22.00			
80	CP80	1	1	22.00	22.00	22.00			
Channel									
Frequency [MHz]									
40	CP40	1	1	22.00	22.00	22.00			
40	CP40	1	1	22.00	22.00	22.00			
Channel									
Frequency [MHz]									
20	CP20	1	1	22.00	22.00	22.00			
20	CP20	1	1	22.00	22.00	22.00			

Reduced Power Mode for ECI 16

n2_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq.)	Power Mode Ch. (Freq.)	Power High Ch. (Freq.)	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1880	1880	1900			
20	PI/2 BPSK	1	1	15.05	15.05	15.12	16.5	0.0	
20	PI/2 BPSK	1	53	15.08	15.17	15.12			
20	PI/2 BPSK	1	104	15.12	15.06	15.14			
20	PI/2 BPSK	50	0	15.00	15.21	15.02	16.5	0.0	
20	PI/2 BPSK	50	28	15.03	15.10	15.01	16.5	0.0	
20	PI/2 BPSK	50	56	15.02	15.04	15.13	16.5	0.0	
20	PI/2 BPSK	100	0	15.12	15.10	14.97	16.5	0.0	
20	QPSK	1	1	15.15	15.15	15.15	16.5	0.0	
20	QPSK	1	53	15.04	15.16	15.10			
20	QPSK	1	104	15.10	15.19	15.13			
20	QPSK	50	0	15.03	15.04	15.16	16.5	0.0	
20	QPSK	50	28	15.12	15.20	15.17	16.5	0.0	
20	QPSK	50	56	14.98	15.16	15.07	16.5	0.0	
20	QPSK	100	0	15.10	15.15	15.12	16.5	0.0	
20	16QAM	1	1	15.08	15.15	15.20	16.5	0.0	
20	64QAM	1	1	15.04	15.10	15.08	16.5	0.0	
20	256QAM	1	1	15.16	15.27	15.12	16.5	0.0	
Channel				371500	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1887.5	1880	1902.5	16.5	0.0	
15	QPSK	1	1	15.00	15.01	15.14	16.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1885	1880	1905	16.5 <td colspan="2">0.0</td>	0.0	
10	QPSK	1	1	15.09	15.14	15.10	16.5	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1882.5	1880	1907.5	16.5 <td colspan="2">0.0</td>	0.0	
5	QPSK	1	1	14.96	15.03	15.17	16.5	0.0	

n2_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq.)	Power Mode Ch. (Freq.)	Power High Ch. (Freq.)	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	22.68	22.70	22.68	24.5	0.0	
20	PI2 BPSK	1	53	22.68	22.64	22.53			
20	PI2 BPSK	1	104	22.71	22.75	22.87			
20	PI2 BPSK	50	0	22.21	22.21	22.05	24.0	0.5	
20	PI2 BPSK	50	28	22.58	22.66	22.65	24.5	0.0	
20	PI2 BPSK	50	56	22.05	22.25	22.17	24.0	0.5	
20	PI2 BPSK	100	0	22.24	22.19	22.15	24.0	0.5	
20	QPSK	1	1	22.67	22.69	22.75	24.5	0.0	
20	QPSK	1	53	22.67	22.75	22.68			
20	QPSK	1	104	22.74	22.82	22.71			
20	QPSK	50	0	21.56	21.63	21.56	23.5	1.0	
20	QPSK	50	28	22.50	22.62	22.57	24.5	0.0	
20	QPSK	50	56	21.70	21.68	21.70	23.5	1.0	
20	QPSK	100	0	21.63	21.75	21.59	23.5	1.0	
20	16QAM	1	1	21.55	21.58	21.53	23.5	1.0	
20	64QAM	1	1	20.05	20.10	20.02	22.0	2.5	
20	256QAM	1	1	18.49	18.57	18.65	20.0	4.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1880	1902.5	24.5	0.0	
15	QPSK	1	1	22.86	22.88	22.64	24.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1905	24.5	0.0	
10	QPSK	1	1	22.74	22.78	22.66	24.5	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1907.5	24.5	0.0	
5	QPSK	1	1	22.83	22.82	22.75	24.5	0.0	

n2_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq.)	Power Mode Ch. (Freq.)	Power High Ch. (Freq.)	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1880	1880	1900			
20	PI/2 BPSK	1	1	15.00	15.07	14.95	16.5	0.0	
20	PI/2 BPSK	1	53	15.11	15.04	15.04			
20	PI/2 BPSK	1	104	15.03	15.13	15.06			
20	PI/2 BPSK	50	0	15.09	15.03	15.01	16.5	0.0	
20	PI/2 BPSK	50	28	14.98	15.00	15.01	16.5	0.0	
20	PI/2 BPSK	50	56	15.09	15.08	14.97	16.5	0.0	
20	PI/2 BPSK	100	0	15.02	15.09	15.00	16.5	0.0	
20	QPSK	1	1	15.14	15.16	15.10	16.5	0.0	
20	QPSK	1	53	15.06	15.06	15.02			
20	QPSK	1	104	15.04	15.06	15.05			
20	QPSK	50	0	15.05	15.07	14.96	16.5	0.0	
20	QPSK	50	28	15.10	15.12	15.08	16.5	0.0	
20	QPSK	50	56	15.03	15.06	15.07	16.5	0.0	
20	QPSK	100	0	15.06	15.10	15.08	16.5	0.0	
20	16QAM	1	1	14.99	15.04	15.07	16.5	0.0	
20	64QAM	1	1	14.99	15.04	15.04	16.5	0.0	
20	256QAM	1	1	15.08	15.07	15.09	16.5	0.0	
Channel				371500	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1887.5	1880	1902.5	16.5	0.0	
15	QPSK	1	1	15.07	15.12	15.05	16.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1885	1880	1905 <td>16.5</td> <td colspan="2">0.0</td>	16.5	0.0	
10	QPSK	1	1	15.09	15.10	15.03	16.5	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1882.5	1880	1907.5	16.5	0.0	
5	QPSK	1	1	15.00	15.08	15.00	16.5	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				166800	167300	167800	25.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	23.44	23.52	23.47			
20	PI/2 BPSK	1	53	23.49	23.66	23.66	25.0	0.0	
20	PI/2 BPSK	1	104	23.43	23.55	23.52			
20	PI/2 BPSK	50	0	23.03	23.19	23.14		24.5	
20	PI/2 BPSK	50	28	23.34	23.52	23.39	25.0	0.0	
20	PI/2 BPSK	50	56	22.99	23.08	22.95		24.5	
20	PI/2 BPSK	100	0	22.91	23.03	22.94		0.5	
20	QPSK	1	1	23.61	23.70	23.61	25.0	0.0	
20	QPSK	1	53	23.58	23.56	23.55			
20	QPSK	1	104	23.45	23.59	23.58		25.0	
20	QPSK	50	0	22.56	22.71	22.59	24.0	1.0	
20	QPSK	50	28	23.46	23.62	23.48		0.0	
20	QPSK	50	56	22.80	22.46	22.28		24.0	
20	QPSK	100	0	22.38	22.57	22.42	24.0	1.0	
20	16QAM	1	1	22.36	22.53	22.45		1.0	
20	64QAM	1	1	21.00	21.00	20.94		22.5	
20	256QAM	1	1	19.42	19.53	19.31	20.5	4.5	
Channel				168300	167300	168300	25.0	0.0	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	23.50	23.66	23.46		25.0	
Channel				166800	167300	166800	25.0	0.0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	23.59	23.55	23.57		23.0	
Channel				165300	167300	165300	25.0	0.0	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	23.58	23.60	23.51		25.0	

n5_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800	25.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	23.42	23.48	23.39			
20	PI/2 BPSK	1	53	23.42	23.53	23.51	25.0	0.0	
20	PI/2 BPSK	1	104	23.38	23.56	23.46			
20	PI/2 BPSK	50	0	22.95	23.05	23.04		24.5	
20	PI/2 BPSK	50	28	23.31	23.46	23.32	25.0	0.0	
20	PI/2 BPSK	50	56	22.91	23.00	22.85		24.5	
20	PI/2 BPSK	100	0	22.87	23.02	22.91		0.5	
20	QPSK	1	1	23.51	23.56	23.50	25.0	0.0	
20	QPSK	1	53	23.35	23.50	23.46			
20	QPSK	1	104	23.44	23.53	23.50		25.0	
20	QPSK	50	0	22.48	22.57	22.52	24.0	1.0	
20	QPSK	50	28	23.39	23.52	23.42		0.0	
20	QPSK	50	56	22.24	22.36	22.24		24.0	
20	QPSK	100	0	22.36	22.45	22.35	24.0	1.0	
20	16QAM	1	1	22.31	22.38	22.37		1.0	
20	64QAM	1	1	20.89	20.96	20.89		22.5	
20	256QAM	1	1	19.39	19.42	19.27	20.5	4.5	
Channel				165300	167300	165300	25.0	0.0	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	23.45	23.55	23.53		25.0	
Channel				166800	167300	166800	25.0	0.0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	23.50	23.42	23.41		25.0	
Channel				165300	167300	165300	25.0	0.0	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	23.41	23.49	23.51		25.0	

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dbm)	MPR (dB)
Channel				502000	507000	512000	16.0	0.0
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.44	14.48	14.42		
20	PI/2 BPSK	1	53	14.35	14.55	14.50		
20	PI/2 BPSK	1	104	14.37	14.47	14.45	16.0	0.0
20	PI/2 BPSK	50	0	14.35	14.52	14.45	16.0	0.0
20	PI/2 BPSK	50	28	14.49	14.60	14.38	16.0	0.0
20	PI/2 BPSK	50	56	14.51	14.53	14.45	16.0	0.0
20	PI/2 BPSK	100	0	14.35	14.59	14.44	16.0	0.0
20	QPSK	1	1	14.35	14.50	14.50	16.0	0.0
20	QPSK	1	53	14.42	14.45	14.51		
20	QPSK	1	104	14.33	14.52	14.39		
20	QPSK	50	0	14.44	14.51	14.46		
20	QPSK	50	28	14.53	14.57	14.45	16.0	0.0
20	QPSK	50	56	14.38	14.45	14.39	16.0	0.0
20	QPSK	100	0	14.40	14.50	14.43	16.0	0.0
20	16QAM	1	1	14.37	14.54	14.52	16.0	0.0
20	64QAM	1	1	14.39	14.50	14.42	16.0	0.0
20	256QAM	1	1	14.36	14.51	14.48	16.0	0.0
Channel				501500	507000	512000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	16.0	0.0
15	QPSK	1	1	14.43	14.51	14.45	16.0	0.0
Channel				501000	507000	513000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	16.0	0.0
10	QPSK	1	1	14.43	14.51	14.42	16.0	0.0
Channel				500500	507000	513500	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	16.0	0.0
5	QPSK	1	1	14.45	14.40	14.39	16.0	0.0

n7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dbm)	MPR (dB)
Channel				502000	507000	512000	24.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.05	23.17	23.10		
20	PI/2 BPSK	1	53	23.01	23.06	23.09		
20	PI/2 BPSK	1	104	23.04	23.17	23.05	24.0	0.5
20	PI/2 BPSK	50	0	22.98	22.91	22.46	24.0	0.5
20	PI/2 BPSK	50	28	23.00	23.05	23.07	24.5	0.0
20	PI/2 BPSK	50	56	22.95	22.63	22.45	24.0	0.5
20	PI/2 BPSK	100	0	22.80	22.56	22.49	24.5	0.0
20	QPSK	1	1	22.11	22.20	22.15		
20	QPSK	1	53	23.05	23.15	23.05		
20	QPSK	1	104	22.95	23.19	23.11		
20	QPSK	50	0	22.20	22.23	22.11	23.5	1.0
20	QPSK	50	28	22.95	23.05	23.03	24.5	0.0
20	QPSK	50	56	22.00	22.02	21.95	23.5	1.0
20	QPSK	100	0	22.07	22.15	22.11	23.5	1.0
20	16QAM	1	1	21.96	22.00	21.97		
20	64QAM	1	1	20.47	20.55	20.47		
20	256QAM	1	1	19.03	19.02	18.99		
Channel				501000	507000	512500	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	24.5	0.0
15	QPSK	1	1	22.99	23.07	23.04	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	24.5	0.0
10	QPSK	1	1	23.01	23.07	23.03	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	24.5	0.0
5	QPSK	1	1	22.99	23.15	23.04	24.5	0.0

n7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dbm)	MPR (dB)
Channel				502000	507000	512000	16.0	0.0
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.36	14.38	14.37		
20	PI/2 BPSK	1	53	14.38	14.39	14.32		
20	PI/2 BPSK	1	104	14.39	14.45	14.43	16.0	0.0
20	PI/2 BPSK	50	0	14.34	14.42	14.45	16.0	0.0
20	PI/2 BPSK	50	28	14.35	14.48	14.42	16.0	0.0
20	PI/2 BPSK	50	56	14.40	14.51	14.38	16.0	0.0
20	PI/2 BPSK	100	0	14.32	14.51	14.42	16.0	0.0
20	QPSK	1	1	14.35	14.50	14.47	16.0	0.0
20	QPSK	1	53	14.35	14.50	14.40		
20	QPSK	1	104	14.43	14.43	14.39		
20	QPSK	50	0	14.37	14.42	14.38		
20	QPSK	50	28	14.40	14.45	14.42	16.0	0.0
20	QPSK	50	56	14.35	14.44	14.36	16.0	0.0
20	QPSK	100	0	14.31	14.44	14.32	16.0	0.0
20	16QAM	1	1	14.45	14.38	14.39	16.0	0.0
20	64QAM	1	1	14.41	14.51	14.43	16.0	0.0
20	256QAM	1	1	14.35	14.41	14.41	16.0	0.0
Channel				501500	507000	512500	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	16.0	0.0
15	QPSK	1	1	14.38	14.34	14.42	16.0	0.0
Channel				501000	507000	513000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	16.0	0.0
10	QPSK	1	1	14.31	14.36	14.32	16.0	0.0
Channel				500500	507000	513500	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	16.0	0.0
5	QPSK	1	1	14.30	14.29	14.29	16.0	0.0

n66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dbm)	MPR (dB)
Channel				345000	348000	353000	24.5	0.0
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	23.15	23.26	23.16	24.5	0.0
30	PI2 BPSK	1	80	23.17	23.20	23.19		
30	PI2 BPSK	1	158	23.11	23.22	23.10		
30	PI2 BPSK	80	0	22.66	22.75	22.67	24.0	0.5
30	PI2 BPSK	80	40	23.20	23.25	23.23	24.5	0.0
30	PI2 BPSK	80	80	22.65	22.73	22.65	24.0	0.5
30	PI2 BPSK	160	0	22.80	22.66	22.54	24.5	0.0
30	QPSK	1	1	23.24	23.26	23.24		
30	QPSK	1	80	23.19	23.25	23.12		
30	QPSK	1	158	23.17	23.21	23.17	23.5	1.0
30	QPSK	80	0	22.16	22.22	22.21	23.5	1.0
30	QPSK	80	40	23.29	23.23	23.22	24.5	0.0
30	QPSK	80	80	22.19	22.24	22.20	23.5	1.0
30	QPSK	160	0	22.05	22.20	22.15	23.5	1.0
30	16QAM	1	1	21.80	21.93	21.86		
30	64QAM	1	1	20.37	20.48	20.47		
30	256QAM	1	1	18.02	19.05	18.96	20.0	4.5
Channel				345000	348000	354000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	24.5	0.0
20	QPSK	1	1	23.08	23.19	23.16	24.5	0.0
Channel				343500	348000	354500	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	24.5	0.0
15	QPSK	1	1	23.11	23.22	23.16	24.5	0.0
Channel				343000	348000	355000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	24.5	0.0
10	QPSK	1	1	23.07	23.28	23.23	24.5	0.0
Channel				342500	348000	355500	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	24.5	0.0
5	QPSK	1	1	23.10	23.18	23.18	24.5	0.0

n66_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dbm)	MPR (dB)
Channel				345000	348000	353000	24.5	0.0
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	23.01	23.22	23.10	24.5	0.0
30	PI2 BPSK	1	80	23.04	23.16	23.16		
30	PI2 BPSK	1	158	23.02	23.19	23.04		
30	PI2 BPSK	80	0	22.65	22.61	22.59	24.0	0.5
30	PI2 BPSK	80	40	23.18	23.22	23.11	24.5	0.0
30	PI2 BPSK	80	80	22.68	22.61	22.57	24.0	0.5
30	PI2 BPSK	160	0	22.49	22.56	22.52	24.5	0.0
30	QPSK	1	1	23.11	23.27	23.12		
30	QPSK	1	80	23.15	23.21	23.08		
30	QPSK	1	158	23.08	23.18	23.08	23.5	1.0
30	QPSK	80	0	22.15	22.17	22.20	23.5	1.0
30	QPSK	80	40	23.05	23.21	23.13	24.5	0.0
30	QPSK	80	80	22.09	22.12	22.18	23.5	1.0
30	QPSK	160	0	21.98	22.10	22.11	23.5	1.0
30	16QAM	1	1	21.76	21.85	21.82		
30	64QAM	1	1	20.27	20.34	20.43		
30	256QAM	1	1	18.92	18.95	18.94	20.0	4.5
Channel				345000	348000	354000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	24.5	0.0
20	QPSK	1	1	23.10	23.14	23.10	24.5	0.0
Channel				343500	348000	354500	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	24.5	0.0
15	QPSK	1	1	23.02	23.24	23.04	24.5	0.0
Channel				343000	348000	355000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	24.5	0.0
10	QPSK	1	1	23.15	23.22	23.05	24.5	0.0
Channel				342500	348000	355500	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	24.5	0.0
5	QPSK	1	1	23.10	23.14	22.97	24.5	0.0

n66_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Mode Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dbm)	MPR (dB)
Channel				345000	348000	353000	16.0	0.0
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	14.40	14.43	14.30	16.0	0.0
30	PI2 BPSK	1	80	14.36	14.40	14.35		
30	PI2 BPSK	1	158	14.27	14.39	14.37		
30	PI2 BPSK	80	0	14.37	14.36	14.27	16.0	0.0
30	PI2 BPSK	80	40	14.40	14.41	14.38	16.0	0.0
30	PI2 BPSK	80	80	14.36	14.46	14.34	16.0	0.0
30	PI2 BPSK	160	0	14.31	14.32	14.33	16.0	0.0
30	QPSK	1	1	14.44	14.47	14.40		
30	QPSK	1	80	14.29	14.32	14.26		
30	QPSK	1	158	14.37	14.42	14.35	16.0	0.0
30	QPSK	80	0	14.29	14.36	14.32	16.0	0.0
30	QPSK	80	40	14.40	14.44	14.37	16.0	0.0
30	QPSK	80	80	14.35	14.33	14.29	16.0	0.0
30	QPSK	160	0	14.32	14.38	14.32	16.0	0.0
30	16QAM	1	1	14.27	14.42	14.39		
30	64QAM	1	1	14.35	14.34	14.28		
30	256QAM	1	1	14.36	14.37	14.25	16.0	0.0
Channel				345000	348000	354000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	16.0	0.0
20	QPSK	1	1	14.25	14.31	14.11	16.0	0.0
Channel				343500	348000	354500	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	16.0	0.0
15	QPSK	1	1	14.23	14.27	14.21	16.0	0.0
Channel				343000	348000	355000	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	16.0	0.0
10	QPSK	1	1	14.31	14.31	14.15	16.0	0.0
Channel				342500	348000	355500	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	16.0	0.0
5	QPSK	1	1	14.24	14.30	14.17	16.0	0.0

n71_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				134.100	136.100	138.100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	PI2 BPSK	1	1	23.17	23.16	23.22	24.5	0.0
15	PI2 BPSK	1	40	23.12	23.18	23.04		
15	PI2 BPSK	1	77	23.16	23.17	23.10		
15	PI2 BPSK	36	0	22.67	22.71	22.63	24.0	0.5
15	PI2 BPSK	36	22	23.15	23.22	23.07	24.5	0.0
15	PI2 BPSK	36	43	22.86	22.67	22.62	24.0	0.5
15	PI2 BPSK	75	0	22.72	22.73	22.77		
15	QPSK	1	1	23.17	23.26	23.21		
15	QPSK	1	40	23.17	23.25	23.18	24.5	0.0
15	QPSK	1	77	23.07	23.13	23.10	23.5	1.0
15	QPSK	36	0	21.89	22.06	21.91		
15	QPSK	36	22	23.15	23.25	23.18		
15	QPSK	36	43	22.89	22.10	22.86	23.5	1.0
15	QPSK	75	0	22.00	22.08	22.06	23.5	1.0
15	16QAM	1	1	21.96	22.01	22.05		
15	64QAM	1	1	20.51	20.55	20.37		
15	256QAM	1	1	19.11	19.14	19.13	20.0	4.5
Channel				137.000	139.100	140.000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	23.16	23.19	23.25		
Channel				133.100	136.100	139.100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	23.17	23.19	23.23		

n71_Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134.100	136.100	138.100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	PI2 BPSK	1	1	23.26	23.30	23.26	24.5	0.0
15	PI2 BPSK	1	40	23.18	23.21	23.13		
15	PI2 BPSK	1	77	23.26	23.26	23.13		
15	PI2 BPSK	36	0	22.77	22.83	22.69	24.0	0.5
15	PI2 BPSK	36	22	23.23	23.25	23.12	24.5	0.0
15	PI2 BPSK	36	43	22.74	22.78	22.67	24.0	0.5
15	PI2 BPSK	75	0	22.73	22.85	22.82		
15	QPSK	1	1	23.26	23.35	23.18		
15	QPSK	1	40	23.26	23.32	23.22	24.5	0.0
15	QPSK	1	77	23.16	23.28	23.16	23.5	1.0
15	QPSK	36	0	22.07	22.16	22.02		
15	QPSK	36	22	23.27	23.28	23.23		
15	QPSK	36	43	22.13	22.27	22.17	23.5	1.0
15	QPSK	75	0	22.13	22.15	22.15	23.5	1.0
15	16QAM	1	1	22.06	22.15	22.10		
15	64QAM	1	1	20.60	20.63	20.48		
15	256QAM	1	1	19.25	19.28	19.15	20.0	4.5
Channel				137.000	139.100	140.000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				669	680.5	693	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	23.31	23.28	23.27		
Channel				133.100	136.100	139.100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	23.30	23.20	23.19		

FCC_n41_Ant 1									
BW (MHz)	Modulation	RF Size	RF Offset	Power L1 (Freq)	Power L2 (Freq)	Power L3 (Freq)	Turn-up level (dBm)	APRS (dB)	
Channel									
Frequency (MHz)									
100	PUS BPSK	1	1	13.76	13.76	13.58			
100	PUS BPSK	1	137	13.80	13.83	13.74	15.5	0.0	
100	PUS BPSK	1	271	13.76	13.83	13.85			
100	PUS BPSK	100	6	13.81	13.58	13.70	15.5	0.0	
100	PUS BPSK	100	69	13.84	13.68	13.65	15.5	0.0	
100	PUS BPSK	100	138	13.80	13.70	13.67	15.5	0.0	
100	PUS BPSK	270	0	13.81	13.54	13.68			
100	QPSK	1	1	13.68	13.71	13.70			
100	QPSK	1	137	13.85	13.76	13.76	15.5	0.0	
100	QPSK	1	271	13.70	13.80	13.85			
100	QPSK	100	0	13.68	13.67	13.66	15.5	0.0	
100	QPSK	100	69	13.70	13.71	13.71	15.5	0.0	
100	QPSK	100	138	13.81	13.69	13.69	15.5	0.0	
100	QPSK	270	0	13.70	13.66	13.66			
100	MCSSM	1	1	13.86	13.66	13.68	15.5	0.0	
100	MCSSM	1	1	13.85	13.67	13.67	15.5	0.0	
100	MCSSM	1	1	13.82	13.63	13.71	15.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	13.80	13.68	13.68	Turn-up level (dBm)	APRS (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	1	13.73	13.64	13.58	15.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	13.83	13.75	13.65	15.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	13.71	13.60	13.55	15.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	13.84	13.61	13.60	15.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	13.74	13.71	13.62	15.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	13.77	13.63	13.65	15.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	13.80	13.65	13.58	15.5	0.0	

FCC_n41_Ant 2									
BW (MHz)	Modulation	RF Size	RF Offset	Power L1 (Freq)	Power L2 (Freq)	Power L3 (Freq)	Turn-up level (dBm)	APRS (dB)	
Channel									
Frequency (MHz)									
100	PUS BPSK	1	1	24.78	24.67	24.65			
100	PUS BPSK	1	137	24.63	24.71	24.74	20.0	0.0	
100	PUS BPSK	1	271	24.70	24.60	24.63			
100	PUS BPSK	100	6	24.68	24.12	24.10	20.5	0.0	
100	PUS BPSK	100	69	24.65	24.06	24.12	20.0	0.0	
100	PUS BPSK	100	138	24.64	24.15	24.11	20.0	0.0	
100	PUS BPSK	270	0	24.62	24.10	24.08	20.5	0.0	
100	QPSK	1	1	24.60	24.11	24.10			
100	QPSK	1	137	24.65	24.64	24.65	20.0	0.0	
100	QPSK	1	271	24.75	24.65	24.61			
100	QPSK	100	0	24.68	24.60	24.61	20.0	1.0	
100	QPSK	100	69	24.74	24.60	24.61	20.0	1.0	
100	QPSK	100	138	24.62	24.65	24.62	20.0	1.0	
100	QPSK	270	0	24.60	24.53	24.60			
100	MCSSM	1	1	25.06	24.42	24.50	20.0	1.0	
100	MCSSM	1	1	25.04	24.20	25.12	22.5	2.5	
100	MCSSM	1	1	25.03	24.00	24.70	21.5	1.5	
Channel									
Frequency (MHz)									
50	QPSK	1	1	24.62	24.60	24.70	20.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	24.70	24.61	24.63	20.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	24.67	24.57	24.52	20.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	24.64	24.52	24.60	20.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	24.63	24.48	24.52	20.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	24.65	24.61	24.61	20.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	24.62	24.53	24.57	20.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	24.71	24.65	24.67	20.0	0.0	

FCC_n41_Ant 4									
BW (MHz)	Modulation	RF Size	RF Offset	Power L1 (Freq)	Power L2 (Freq)	Power L3 (Freq)	Turn-up level (dBm)	APRS (dB)	
Channel									
Frequency (MHz)									
100	PUS BPSK	1	1	13.76	13.77	13.75			
100	PUS BPSK	1	137	13.76	13.89	13.71	15.5	0.0	
100	PUS BPSK	1	271	13.71	13.83	13.87			
100	PUS BPSK	100	6	13.73	13.72	13.68	15.5	0.0	
100	PUS BPSK	100	69	13.81	13.68	13.61	15.5	0.0	
100	PUS BPSK	100	138	13.79	13.73	13.68	15.5	0.0	
100	PUS BPSK	270	0	13.80	13.68	13.71			
100	QPSK	1	1	13.68	13.71	13.70			
100	QPSK	1	137	13.77	13.82	13.84	15.5	0.0	
100	QPSK	1	271	13.74	13.88	13.85			
100	QPSK	100	0	13.70	13.66	13.66	15.5	0.0	
100	QPSK	100	69	13.73	13.71	13.71	15.5	0.0	
100	QPSK	100	138	13.79	13.70	13.67	15.5	0.0	
100	QPSK	270	0	13.70	13.61	13.62			
100	MCSSM	1	1	13.87	13.70	13.65	15.5	0.0	
100	MCSSM	1	1	13.86	13.67	13.72	15.5	0.0	
100	MCSSM	1	1	13.79	13.71	13.60	15.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	13.83	13.71	13.65	Turn-up level (dBm)	APRS (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	1	13.80	13.74	13.68	15.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	13.83	13.68	13.65	15.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	13.80	13.67	13.61	15.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	13.84	13.71	13.65	15.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	13.80	13.60	13.55	15.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	13.84	13.72	13.65	15.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	13.83	13.67	13.62	15.5	0.0	

Part27Q_n77_Ant 1									
BW (MHz)	Modulation	RF Size	RF Offset	Power Low Ch / Freq	Power Radio Ch / Freq	Power High Ch / Freq	Turn-up Time (s)	SAR1 (W/kg)	
Frequency (MHz)									
100	P100 BPSK	1	1		11.80				
100	P100 BPSK	1	137		11.80		12.5	0.0	
100	P100 BPSK	1	231		11.80		10.5	0.0	
100	P100 BPSK	100	6		11.84				
100	P100 BPSK	100	99		11.79		12.5	0.0	
100	P100 BPSK	100	138		11.75		12.5	0.0	
100	P100 BPSK	270	0		11.85				
100	QPSK	1	1		11.80		12.5	0.0	
100	QPSK	1	137		11.75				
100	QPSK	1	231		11.80		10.5	0.0	
100	QPSK	100	6		11.74				
100	QPSK	100	99		11.79		12.5	0.0	
100	QPSK	100	138		11.87		12.5	0.0	
100	QPSK	270	0		11.73				
100	MCSSM	1	1		11.84		10.5	0.0	
100	MCSSM	1	1		11.85		12.5	0.0	
100	MCSSM	1	1		11.82		12.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	11.76	11.81	11.76	12.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	11.74	11.82	11.77	12.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	11.79	11.82	11.77	12.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	11.79	11.81	11.79	10.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	11.89	11.80	11.84	12.5	0.0	

Part27Q_n77_Ant 1									
BW (MHz)	Modulation	RF Size	RF Offset	Power Low Ch / Freq	Power Radio Ch / Freq	Power High Ch / Freq	Turn-up time (s/Hz)	SAR1 (W/kg)	
Channel									
Frequency (MHz)									
100	P100 BPSK	1	1	11.54	11.54	11.51			
100	P100 BPSK	1	137	11.40	11.82	11.44	12.5	0.0	
100	P100 BPSK	1	231	11.43	11.81	11.46			
100	P100 BPSK	100	6	11.45	11.58	11.47	10.5	0.0	
100	P100 BPSK	100	99	11.35	11.58	11.53	12.5	0.0	
100	P100 BPSK	100	138	11.38	11.54	11.57			
100	P100 BPSK	270	0	11.49	11.61	11.58			
Channel									
Frequency (MHz)									
100	QPSK	1	1	11.61	11.87	11.69			
100	QPSK	1	137	11.30	11.54	11.46	12.5	0.0	
100	QPSK	1	231	11.21	11.87	11.48			
100	QPSK	100	6	11.31	11.63	11.49	10.5	0.0	
100	QPSK	100	99	11.24	11.85	11.51	12.5	0.0	
100	QPSK	100	138	11.27	11.80	11.41			
100	QPSK	270	0	11.31	11.63	11.48			
100	MCSSM	1	1	11.46	11.51	11.49	10.5	0.0	
100	MCSSM	1	1	11.32	11.81	11.60	12.5	0.0	
100	MCSSM	1	1	11.32	11.47	11.46	12.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	11.61	11.61	11.56	12.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	11.59	11.60	11.55	12.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	11.56	11.57	11.54	10.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	11.54	11.60	11.59	10.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	11.59	11.59	11.59	12.5	0.0	

Part27Q_n77_Ant_3									
BW (MHz)	Modulation	RF Size	RF Offset	Power Low Freq Ch / Freq	Power Radio Freq Ch / Freq	Power High Freq Ch / Freq	Turn-on time (s/Hz)	SAR (W/kg)	
Channel									
Frequency (MHz)									
Power									
100	P100 BPSK	1	1		22.07				
100	P100 BPSK	1	137		21.87		23.0	0.0	
100	P100 BPSK	1	231		22.03		20.5	0.5	
100	P100 BPSK	100	6		21.58		20.5	0.5	
100	P100 BPSK	100	99		21.86		23.0	0.0	
100	P100 BPSK	100	138		21.48		20.5	0.5	
100	P100 BPSK	270	0		21.38				
100	QPSK	1	1		22.14		23.0	0.0	
100	QPSK	1	137		22.05				
100	QPSK	1	231		21.87		20.0	1.0	
100	QPSK	100	6		21.60		23.0	0.0	
100	QPSK	100	99		21.98		23.0	0.0	
100	QPSK	100	138		20.90		23.0	1.0	
100	QPSK	270	0		21.51		20.0	1.0	
100	MCSSM	1	1		21.41		20.0	1.0	
100	MCSSM	1	1		20.46		20.5	2.5	
100	MCSSM	1	1		19.71		19.5	2.5	
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.07	22.06	22.06	20.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.06	22.06	22.01	20.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.07	22.08	22.06	20.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.08	22.01	22.08	20.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.97	22.07	22.08	20.0	0.0	

Part27Q_n77_Ant 3									
BW (MHz)	Modulation	RF Size	RF Offset	Power Low Ch / Freq	Power Radio Ch / Freq	Power High Ch / Freq	Turn-up time (s/Hz)	SAR1 (W/kg)	
Channel									
Frequency (MHz)									
Power									
100	P100 BPSK	1	1		22.17	22.29	22.17		
100	P100 BPSK	1	137		22.15	22.27	22.09	23.0	0.0
100	P100 BPSK	1	231		22.24	22.28	22.11		
100	P100 BPSK	100	6		21.78	21.80	21.72	20.5	0.5
100	P100 BPSK	100	99		22.21	22.20	22.12	23.0	0.0
100	P100 BPSK	100	138		21.79	21.73	21.65	20.5	0.5
100	P100 BPSK	270	0		21.71	21.72	21.61		
100	QPSK	1	1		22.24	22.24	22.17		
100	QPSK	1	137		22.15	22.21	22.10	23.0	0.0
100	QPSK	1	231		22.13	22.20	22.12		
100	QPSK	100	6		21.74	21.73	21.61	20.0	1.0
100	QPSK	100	99		22.16	22.16	22.11	23.0	0.0
100	QPSK	100	138		21.65	21.19	21.62	23.0	1.0
100	QPSK	270	0		21.72	21.63	21.61		
100	MCSSM	1	1		21.68	21.18	21.14	20.0	1.0
100	MCSSM	1	1		19.83	19.70	19.86	20.5	2.5
100	MCSSM	1	1		19.27	19.30	19.27	19.5	2.5
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.15	22.23	22.24	20.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.16	22.25	22.11	20.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.09	22.18	22.04	20.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.16	22.18	22.14	20.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.09	22.17	22.12	20.0	0.0	

Part27Q_n77_Ant 5									
BW (MHz)	Modulation	RF Size	RF Offset	Power Line Ch / Freq	Power Radar Ch / Freq	Power Tgt Ch / Freq	Turnup time (sec)	SAR1 (W/kg)	
Channel									
Frequency (MHz)									
100	P10-BPSK	1	1	22.09	22.09	22.09			
100	P10-BPSK	1	137	22.09	22.19	21.99	23.0	0.0	
100	P10-BPSK	1	221	22.09	22.21	21.89			
100	P10-BPSK	106	6	22.07	21.69	21.43	22.5	0.5	
100	P10-BPSK	106	98	22.05	21.65	21.65	23.0	0.0	
100	P10-BPSK	106	138	22.03	21.67	21.67	23.5	0.5	
100	P10-BPSK	270	0	22.08	21.92	21.94			
100	QPSK	1	1	22.04	22.04	22.04			
100	QPSK	1	137	22.07	22.07	21.97	23.0	0.0	
100	QPSK	1	221	22.05	22.15	21.85			
100	QPSK	106	6	22.06	21.66	21.66	23.0	1.0	
100	QPSK	106	98	22.06	21.66	21.66	23.0	0.0	
100	QPSK	106	138	22.06	21.66	21.66	23.0	1.0	
100	QPSK	270	0	22.04	21.96	21.96			
100	MCSSM	1	1	21.46	20.91	20.90	22.5	1.0	
100	MCSSM	1	1	22.02	21.45	21.45	22.5	2.5	
100	MCSSM	1	1	19.87	19.32	19.32	19.5	2.5	
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.09	22.09	22.09	23.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.03	22.03	22.03	23.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.02	22.02	22.02	22.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.04	22.04	22.04	22.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.06	22.06	22.06	22.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.01	22.03	22.04	22.0	0.0	

Part27Q_n77_Ant 5									
BW (MHz)	Modulation	RF Size	RF Offset	Power Line Ch / Freq	Power Radar Ch / Freq	Power Tgt Ch / Freq	Turnup time (sec)	SAR1 (W/kg)	
Channel									
Frequency (MHz)									
100	P10-BPSK	1	1	22.03	22.04	21.99			
100	P10-BPSK	1	137	22.19	21.99	21.97	23.0	0.0	
100	P10-BPSK	1	221	22.21	22.07	21.88			
100	P10-BPSK	106	6	21.69	21.43	21.37	22.5	0.5	
100	P10-BPSK	106	98	21.65	21.65	21.65	23.0	0.0	
100	P10-BPSK	106	138	21.67	21.67	21.67	23.5	0.5	
100	P10-BPSK	270	0	21.92	21.94	21.94			
100	QPSK	1	1	22.07	22.07	21.97			
100	QPSK	1	137	22.17	22.02	21.79	23.0	0.0	
100	QPSK	1	221	22.15	21.88	21.88			
100	QPSK	106	6	21.28	21.66	21.66	23.0	1.0	
100	QPSK	106	98	21.17	21.66	21.66	23.0	0.0	
100	QPSK	106	138	21.17	21.66	21.66	23.0	1.0	
100	QPSK	270	0	21.92	21.92	21.92			
100	MCSSM	1	1	21.45	20.91	20.90	22.5	1.0	
100	MCSSM	1	1	19.85	19.45	19.35	22.5	2.5	
100	MCSSM	1	1	19.27	19.32	19.32	19.5	2.5	
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.12	21.94	21.87	23.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.15	22.03	21.90	23.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.15	22.04	21.89	22.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.12	22.03	21.88	22.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.13	22.01	21.88	22.0	0.0	

Part27Q_n77_Ant 7									
BW (MHz)	Modulation	RF Size	RF Offset	Power Line Ch / Freq	Power Radar Ch / Freq	Power Tgt Ch / Freq	Turn-on time (sec)	SAR1 (W/kg)	
Channel									
Frequency (MHz)									
100	P10-BPSK	1	1	22.09	22.09	22.09			
100	P10-BPSK	1	137	22.74	22.46	22.32	24.5	0.0	
100	P10-BPSK	1	221	23.32	23.02	22.87			
100	P10-BPSK	106	6	23.32	23.02	22.87	24.5	0.5	
100	P10-BPSK	106	98	23.32	23.02	22.87	24.5	0.0	
100	P10-BPSK	106	138	23.31	23.12	23.02	24.5	0.5	
100	P10-BPSK	270	0	23.38	23.11	23.06			
100	QPSK	1	1	23.05	23.05	23.05			
100	QPSK	1	137	23.51	23.22	23.07	24.5	0.0	
100	QPSK	1	221	23.50	23.24	23.07			
100	QPSK	106	6	23.72	23.46	23.24	24.5	1.0	
100	QPSK	106	98	23.72	23.46	23.24	24.5	0.0	
100	QPSK	106	138	23.72	23.46	23.24	24.5	1.0	
100	QPSK	270	0	23.72	23.46	23.24			
100	MCSSM	1	1	22.46	22.26	22.26	22.5	1.0	
100	MCSSM	1	1	20.88	20.71	20.70	22.5	2.5	
100	MCSSM	1	1	19.31	19.32	19.32	19.5	2.5	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.70	23.74	23.69	24.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.77	23.72	23.70	24.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.69	23.77	23.71	24.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.69	23.71	23.69	24.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.69	23.70	23.70	24.5	0.0	

Part27Q_n77_Ant 7									
BW (MHz)	Modulation	RF Size	RF Offset	Power Line Ch / Freq	Power Radar Ch / Freq	Power Tgt Ch / Freq	Turn-up time (sec)	SAR1 (W/kg)	
Channel									
Frequency (MHz)									
100	P10-BPSK	1	1	23.53	23.55	23.52			
100	P10-BPSK	1	137	23.46	23.52	23.27	24.5		
100	P10-BPSK	1	221	23.27	23.52	23.44			
100	P10-BPSK	106	6	23.03	23.02	22.87	24.5	0.5	
100	P10-BPSK	106	98	23.42	23.41	23.15	24.5	0.0	
100	P10-BPSK	106	138	23.01	23.12	23.02	24.5	0.5	
100	P10-BPSK	270	0	23.02	23.11	23.06			
100	QPSK	1	1	23.78	23.69	23.67			
100	QPSK	1	137	23.52	23.41	23.31	24.5	0.0	
100	QPSK	1	221	23.52	23.34	23.27			
100	QPSK	106	6	23.28	23.46	23.24	24.5	1.0	
100	QPSK	106	98	23.54	23.46	23.24	24.5	0.0	
100	QPSK	106	138	23.54	23.46	23.24	24.5	1.0	
100	QPSK	270	0	23.54	23.46	23.24			
100	MCSSM	1	1	20.94	20.26	20.26	22.5	1.0	
100	MCSSM	1	1	20.88	20.71	20.70	22.5	2.5	
100	MCSSM	1	1	19.29	19.32	19.32	19.5	2.5	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.56	23.56	23.49	24.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.56	23.56	23.49	24.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.56	23.56	23.49	24.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.61	23.51	23.51	24.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.63	23.49	23.50	24.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.63	23.49	23.50	24.5	0.0	

Reduced Power Mode for ECI 17

n2_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.09	22.09	22.10	23.5	0.0
20	PI2 BPSK	1	53	22.10	22.10	22.11		
20	PI2 BPSK	1	104	22.09	22.16	22.00		
20	PI2 BPSK	50	0	22.07	22.08	22.05	23.5	0.0
20	PI2 BPSK	50	28	22.06	22.10	22.04	23.5	0.0
20	PI2 BPSK	50	56	22.10	22.11	22.08	23.5	0.0
20	PI2 BPSK	100	0	22.05	22.17	22.04		
20	QPSK	1	1	22.15	22.18	22.15		
20	QPSK	1	53	22.04	22.12	22.07	23.5	0.0
20	QPSK	1	104	22.02	22.06	22.06	23.5	0.0
20	QPSK	50	0	21.94	22.06	21.96		
20	QPSK	50	28	22.05	22.16	22.14		
20	QPSK	50	56	22.02	22.11	22.01	23.5	0.0
20	QPSK	100	0	21.96	22.05	21.93	23.5	0.0
20	16QAM	1	1	21.67	21.70	21.63		
20	64QAM	1	1	20.24	20.33	20.30		
20	256QAM	1	1	18.82	18.88	18.87	20.0	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.12	22.11	22.01	23.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.98	22.07	22.04	23.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.10	22.08	22.14	23.5	0.0

n2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	21.83	21.88	21.79	23.5	0.0
20	PI2 BPSK	1	53	21.81	21.87	21.87		
20	PI2 BPSK	1	104	21.78	21.86	21.70		
20	PI2 BPSK	50	0	21.73	21.89	21.78	23.5	0.0
20	PI2 BPSK	50	28	21.82	21.86	21.80	23.5	0.0
20	PI2 BPSK	50	56	21.71	21.80	21.72	23.5	0.0
20	PI2 BPSK	100	0	21.76	21.82	21.74		
20	QPSK	1	1	21.85	21.95	21.85		
20	QPSK	1	53	21.84	21.83	21.80	23.5	0.0
20	QPSK	1	104	21.84	21.79	21.72	23.5	0.0
20	QPSK	50	0	21.56	21.63	21.56		
20	QPSK	50	28	21.75	21.84	21.75		
20	QPSK	50	56	21.70	21.68	21.76	23.5	0.0
20	QPSK	100	0	21.63	21.76	21.59	23.5	0.0
20	16QAM	1	1	21.55	21.58	21.53		
20	64QAM	1	1	20.05	20.10	20.02		
20	256QAM	1	1	18.48	18.57	18.55	20.0	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.70	21.89	21.67	23.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.80	21.80	21.68	23.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.70	21.83	21.69	23.5	0.0

n2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	19.06	19.13	19.07	20.5	0.0
20	PI2 BPSK	1	53	18.97	19.17	19.10		
20	PI2 BPSK	1	104	19.09	19.08	19.13		
20	PI2 BPSK	50	0	19.06	19.07	19.05	20.5	0.0
20	PI2 BPSK	50	28	18.97	19.17	19.13	20.5	0.0
20	PI2 BPSK	50	56	19.06	19.07	19.13	20.5	0.0
20	PI2 BPSK	100	0	19.03	19.08	19.10		
20	QPSK	1	1	19.10	19.20	19.15		
20	QPSK	1	53	19.05	19.13	19.14	20.5	0.0
20	QPSK	1	104	19.08	19.12	19.02	20.5	0.0
20	QPSK	50	0	19.02	19.16	19.03		
20	QPSK	50	28	19.05	19.18	19.13		
20	QPSK	50	56	19.00	19.08	19.12	20.5	0.0
20	QPSK	100	0	19.04	19.06	19.00	20.5	0.0
20	16QAM	1	1	19.05	19.10	19.13		
20	64QAM	1	1	18.36	19.15	19.03		
20	256QAM	1	1	18.55	19.70	19.63	20.0	0.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.93	19.06	18.87	20.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.89	19.02	18.98	20.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.94	19.00	18.98	20.5	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				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	23.44	23.52	23.47	25.0		
20	PI2 BPSK	1	53	23.49	23.66	23.66			
20	PI2 BPSK	1	104	23.43	23.55	23.52			
20	PI2 BPSK	50	0	23.03	23.19	23.14	24.5	0.5	
20	PI2 BPSK	50	28	23.34	23.52	23.39	25.0	0.0	
20	PI2 BPSK	50	56	22.99	23.06	22.99	24.5	0.5	
20	PI2 BPSK	100	0	22.91	23.03	22.94			
20	QPSK	1	1	23.61	23.70	23.61			
20	QPSK	1	53	23.38	23.56	23.55	25.0	0.0	
20	QPSK	1	104	23.45	23.59	23.58	24.0	1.0	
20	QPSK	50	0	22.56	22.71	22.59			
20	QPSK	50	28	22.45	23.62	23.45			
20	QPSK	50	56	22.30	22.49	22.28	24.0	1.0	
20	QPSK	100	0	22.38	22.57	22.42	24.0	1.0	
20	16QAM	1	1	22.36	22.53	22.45			
20	16QAM	1	1	21.00	21.00	20.94	22.5	2.5	
20	256QAM	1	1	19.42	19.53	19.31	20.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	23.50	23.66	23.46	25.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	23.59	23.55	23.57	25.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	23.59	23.60	23.51	25.0	0.0	

n5_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				166600	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	23.42	23.48	23.39	25.0	0.0	
20	PI2 BPSK	1	53	23.42	23.53	23.51			
20	PI2 BPSK	1	104	23.38	23.50	23.48			
20	PI2 BPSK	50	0	22.89	23.05	23.04	24.5	0.5	
20	PI2 BPSK	50	28	23.31	23.46	23.32	25.0	0.0	
20	PI2 BPSK	50	56	22.91	23.00	22.86	24.5	0.5	
20	PI2 BPSK	100	0	22.87	23.02	22.91			
20	QPSK	1	1	23.51	23.56	23.55			
20	QPSK	1	53	23.35	23.50	23.46	25.0	0.0	
20	QPSK	1	104	23.44	23.53	23.50	24.0	1.0	
20	QPSK	50	0	22.48	22.57	22.52			
20	QPSK	50	28	22.35	23.52	22.42			
20	QPSK	50	56	22.24	22.36	22.24	24.0	1.0	
20	QPSK	100	0	22.36	22.45	22.35	24.0	1.0	
20	16QAM	1	1	22.31	22.38	22.37			
20	16QAM	1	1	20.89	20.96	20.89	22.5	2.5	
20	256QAM	1	1	19.39	19.42	19.27	20.5	4.5	
Channel				166300	167300	168300			
Frequency (MHz)				831.5	836.5	841.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	23.45	23.56	23.53	25.0	0.0	
Channel				165800	167300	168800			
Frequency (MHz)				829	836.5	844	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	23.50	23.42	23.41	25.0	0.0	
Channel				165300	167300	169300			
Frequency (MHz)				826.5	836.5	846.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	23.41	23.49	23.51	25.0	0.0	

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	18.95	19.11	18.92		
20	PI2 BPSK	1	53	19.02	19.09	18.93		
20	PI2 BPSK	1	104	18.95	19.11	19.04	20.5	0.0
20	PI2 BPSK	50	0	19.04	19.08	18.97	20.5	0.0
20	PI2 BPSK	50	28	19.00	19.03	18.99	20.5	0.0
20	PI2 BPSK	50	56	19.02	19.11	18.93		
20	PI2 BPSK	100	0	19.05	19.12	19.01	20.5	0.0
20	QPSK	1	1	19.10	19.18	19.07		
20	QPSK	1	53	19.02	19.12	18.95	20.5	0.0
20	QPSK	1	104	18.95	19.04	18.92		
20	QPSK	50	0	19.07	19.11	18.92	20.5	0.0
20	QPSK	50	28	19.05	19.15	19.03	20.5	0.0
20	QPSK	50	56	18.96	19.05	19.00	20.5	0.0
20	QPSK	100	0	18.98	19.12	18.95	20.5	0.0
20	16QAM	1	1	19.03	19.14	19.03	20.5	0.0
20	64QAM	1	1	19.06	19.15	18.96	20.5	0.0
20	256QAM	1	1	18.93	18.96	18.99	20.0	0.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	20.5	0.0
15	QPSK	1	1	18.97	19.03	19.04	20.5	0.0
Channel				507000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2565	2535	2565	20.5	0.0
10	QPSK	1	1	19.03	19.16	19.04	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	20.5	0.0
5	QPSK	1	1	19.00	19.15	19.04	20.5	0.0

n7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	15.68	15.68	15.63		
20	PI2 BPSK	1	53	15.60	15.70	15.68	17.0	0.0
20	PI2 BPSK	1	104	15.68	15.71	15.72		
20	PI2 BPSK	50	0	15.63	15.66	15.72	17.0	0.0
20	PI2 BPSK	50	28	15.57	15.72	15.63	17.0	0.0
20	PI2 BPSK	50	56	15.69	15.64	15.66		
20	PI2 BPSK	100	0	15.58	15.71	15.66	17.0	0.0
20	QPSK	1	1	15.70	15.77	15.73		
20	QPSK	1	53	15.59	15.66	15.69	17.0	0.0
20	QPSK	1	104	15.67	15.68	15.70		
20	QPSK	50	0	15.63	15.71	15.68	17.0	0.0
20	QPSK	50	28	15.55	15.74	15.75	17.0	0.0
20	QPSK	50	56	15.68	15.70	15.63	17.0	0.0
20	QPSK	100	0	15.65	15.72	15.68	17.0	0.0
20	16QAM	1	1	15.62	15.76	15.66	17.0	0.0
20	64QAM	1	1	15.60	15.68	15.68	17.0	0.0
20	256QAM	1	1	15.67	15.64	15.58	17.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	17.0	0.0
15	QPSK	1	1	15.65	15.70	15.67	17.0	0.0
Channel				507000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2565	2535	2565	17.0	0.0
10	QPSK	1	1	15.58	15.74	15.65	17.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	17.0	0.0
5	QPSK	1	1	15.63	15.64	15.60	17.0	0.0

n7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	20.98	20.98	21.01		
20	PI2 BPSK	1	53	20.85	21.08	20.98	22.5	0.0
20	PI2 BPSK	1	104	20.85	20.96	20.94		
20	PI2 BPSK	50	0	20.88	21.04	20.99	22.5	0.0
20	PI2 BPSK	50	28	20.91	21.07	20.93	22.5	0.0
20	PI2 BPSK	50	56	20.96	21.01	20.91		
20	PI2 BPSK	100	0	20.99	21.05	20.92	22.5	0.0
20	QPSK	1	1	21.00	21.10	21.03		
20	QPSK	1	53	20.96	21.01	20.95	22.5	0.0
20	QPSK	1	104	20.99	21.06	21.02		
20	QPSK	50	0	20.98	21.02	20.96	22.5	0.0
20	QPSK	50	28	20.96	21.06	20.94	22.5	0.0
20	QPSK	50	56	20.91	21.00	20.90	22.5	0.0
20	QPSK	100	0	20.88	21.04	20.98	22.5	0.0
20	16QAM	1	1	20.96	20.98	20.99	22.5	0.0
20	64QAM	1	1	20.34	20.35	20.29	22.0	0.5
20	256QAM	1	1	18.93	18.88	18.77	20.0	2.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	22.5	0.0
15	QPSK	1	1	20.86	20.95	21.02	22.5	0.0
Channel				507000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2565	2535	2565	22.5	0.0
10	QPSK	1	1	20.88	20.98	21.01	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	22.5	0.0
5	QPSK	1	1	20.96	20.96	21.01	22.5	0.0

n66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	23.15	23.28	23.16	24.5	0.0
30	PI2 BPSK	1	80	23.17	23.20	23.19		
30	PI2 BPSK	1	158	23.11	23.22	23.10		
30	PI2 BPSK	80	0	22.69	22.75	22.67	24.0	0.5
30	PI2 BPSK	80	40	23.20	23.25	23.23	24.5	0.0
30	PI2 BPSK	80	80	22.85	22.73	22.66	24.0	0.5
30	PI2 BPSK	160	0	22.60	22.66	22.54		
30	QPSK	1	1	23.20	23.30	23.24		
30	QPSK	1	80	23.19	23.25	23.12	24.5	0.0
30	QPSK	1	158	23.17	23.21	23.17		
30	QPSK	80	0	22.16	22.22	22.21	23.5	1.0
30	QPSK	80	40	23.05	23.23	23.22	24.5	0.0
30	QPSK	80	80	22.19	22.24	22.20	23.5	1.0
30	QPSK	160	0	22.05	22.20	22.15		
30	16QAM	1	1	21.80	21.83	21.86	23.5	1.0
30	64QAM	1	1	20.37	20.48	20.47	22.0	2.5
30	256QAM	1	1	19.02	19.05	18.96	20.0	4.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.08	23.19	23.16	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.11	23.22	23.16	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.07	23.28	23.23	24.5	0.0
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.08	23.18	23.18	24.5	0.0

n66_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	23.01	23.22	23.10	24.5	0.0
30	PI2 BPSK	1	80	23.04	23.16	23.16		
30	PI2 BPSK	1	158	23.02	23.19	23.04		
30	PI2 BPSK	80	0	22.66	22.61	22.59	24.0	0.5
30	PI2 BPSK	80	40	23.18	23.22	23.11	24.5	0.0
30	PI2 BPSK	80	80	22.58	22.61	22.57	24.0	0.5
30	PI2 BPSK	160	0	22.40	22.56	22.52		
30	QPSK	1	1	23.17	23.27	23.12		
30	QPSK	1	80	23.15	23.21	23.08	24.5	0.0
30	QPSK	1	158	23.08	23.18	23.08		
30	QPSK	80	0	22.16	22.17	22.26	23.5	1.0
30	QPSK	80	40	23.05	23.21	23.15	24.5	0.0
30	QPSK	80	80	22.09	22.12	22.18	23.5	1.0
30	QPSK	160	0	21.88	22.19	22.11		
30	16QAM	1	1	21.78	21.85	21.82	23.5	1.0
30	64QAM	1	1	20.27	20.34	20.43	22.0	2.5
30	256QAM	1	1	18.92	18.95	18.94	20.0	4.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.10	23.14	23.10	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.02	23.24	23.04	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.15	23.22	23.09	24.5	0.0
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.10	23.14	22.97	24.5	0.0

n66_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	20.38	20.48	20.35	22.0	0.0
30	PI2 BPSK	1	80	20.37	20.46	20.35		
30	PI2 BPSK	1	158	20.38	20.43	20.26		
30	PI2 BPSK	80	0	20.35	20.48	20.28	22.0	0.0
30	PI2 BPSK	80	40	20.27	20.44	20.34	22.0	0.0
30	PI2 BPSK	80	80	20.31	20.47	20.33	22.0	0.0
30	PI2 BPSK	160	0	20.41	20.47	20.24		
30	QPSK	1	1	20.42	20.50	20.38		
30	QPSK	1	80	20.27	20.48	20.36	22.0	0.0
30	QPSK	1	158	20.40	20.41	20.33		
30	QPSK	80	0	20.34	20.38	20.37	22.0	0.0
30	QPSK	80	40	20.41	20.46	20.35	22.0	0.0
30	QPSK	80	80	20.38	20.42	20.34	22.0	0.0
30	QPSK	160	0	20.31	20.43	20.36		
30	16QAM	1	1	20.27	20.40	20.30	22.0	0.0
30	64QAM	1	1	20.17	20.31	20.26	22.0	0.0
30	256QAM	1	1	18.81	18.83	18.79	20.0	2.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.39	20.38	20.25	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.34	20.45	20.31	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.37	20.35	20.30	22.0	0.0
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.40	20.39	20.24	22.0	0.0

n71_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				134.100	136.100	138.100			
Frequency (MHz)				670.5	680.5	690.5			
15	P12 BPSK	1	1	23.17	23.18	23.22	24.5	0.0	
15	P12 BPSK	1	40	23.12	23.18	23.04			
15	P12 BPSK	1	77	23.16	23.17	23.10			
15	P12 BPSK	36	0	22.87	22.71	22.59	24.0	0.5	
15	P12 BPSK	36	22	23.15	23.22	23.07	24.5	0.0	
15	P12 BPSK	36	43	22.86	22.67	22.62	24.0	0.5	
15	P12 BPSK	75	0	22.72	22.73	22.77			
15	QPSK	1	1	23.25	23.28	23.27		0.0	
15	QPSK	1	40	23.17	23.25	23.18	24.5		
15	QPSK	1	77	23.07	23.13	23.10	23.5	1.0	
15	QPSK	36	0	21.99	22.06	21.91	24.5		
15	QPSK	36	22	23.15	23.25	23.16	24.5		
15	QPSK	36	43	22.09	22.10	22.05	23.5	1.0	
15	QPSK	75	0	22.00	22.08	22.06	23.5		
15	16QAM	1	1	21.96	22.01	22.05	23.5	1.0	
15	64QAM	1	1	20.51	20.55	20.37	22.5	2.5	
15	256QAM	1	1	19.11	19.14	19.13	20.0	4.5	
Channel				133600	136.100	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	23.16	23.19	23.25	24.5	0.0	
Channel				131100	134.100	137100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	23.17	23.19	23.23	24.5	0.0	

n71_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134100	136100	138100			
Frequency (MHz)				670.5	680.5	690.5			
15	P12 BPSK	1	1	23.28	23.30	23.26	24.5	0.0	
15	P12 BPSK	1	40	23.18	23.21	23.13			
15	P12 BPSK	1	77	23.20	23.25	23.13			
15	P12 BPSK	36	0	22.77	22.83	22.69	24.0	0.5	
15	P12 BPSK	36	22	23.23	23.25	23.12	24.5	0.0	
15	P12 BPSK	36	43	22.74	22.78	22.67	24.0	0.5	
15	P12 BPSK	75	0	22.73	22.85	22.82			
15	QPSK	1	1	23.34	23.35	23.33			
15	QPSK	1	40	23.26	23.32	23.22	24.5		
15	QPSK	1	77	23.16	23.28	23.16	23.5	1.0	
15	QPSK	36	0	22.07	22.16	22.10			
15	QPSK	36	22	23.27	23.29	23.23			
15	QPSK	36	43	22.13	22.21	22.17	23.5	1.0	
15	QPSK	75	0	22.13	22.19	22.16	23.5		
15	16QAM	1	1	22.06	22.15	22.10	23.5	1.0	
15	64QAM	1	1	20.60	20.63	20.46	22.0	2.5	
15	256QAM	1	1	19.25	19.28	19.15	20.0	4.5	
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	23.31	23.28	23.27	24.5	0.0	
Channel				131100	134100	137100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	23.30	23.20	23.19	24.5	0.0	

Part27Q_n77_Ant 1									
BW (MHz)	Modulation	RF Size	RF Offset	Power Line Ch / Freq	Power Radar Ch / Freq	Power Tgt Ch / Freq	Turn-up time (s)	SAR1 (W/kg)	
Channel									
Frequency (MHz)									
100	P100-BFSSA	1	1	17.26					
100	P100-BFSSA	1	137	17.40		18.0	1.0	1.0	
100	P100-BFSSA	1	231	17.27		18.0	1.0	1.0	
100	P100-BFSSA	136	6	17.43		18.0	0.0	0.0	
100	P100-BFSSA	136	98	17.42		18.0	0.0	0.0	
100	P100-BFSSA	136	138	17.27		18.0	0.0	0.0	
100	P100-BFSSA	270	0	17.32		18.0	0.0	0.0	
100	QFSS	1	1	17.40					
100	QFSS	1	137	17.26		18.0	0.0	0.0	
100	QFSS	1	231	17.26		18.0	0.0	0.0	
100	QFSS	136	6	17.43		18.0	0.0	0.0	
100	QFSS	136	98	17.36		18.0	0.0	0.0	
100	QFSS	136	138	17.32		18.0	0.0	0.0	
100	QFSS	270	0	17.32		18.0	0.0	0.0	
100	MCSSM	1	1	17.36		18.0	0.0	0.0	
100	MCSSM	1	1	17.26		18.0	0.0	0.0	
Channel									
Frequency (MHz)									
50	QFSS	1	1	17.44	17.26	17.25	18.0	0.0	
Channel									
Frequency (MHz)									
50	QFSS	1	1	17.44	17.26	17.24	18.0	0.0	
Channel									
Frequency (MHz)									
40	QFSS	1	1	17.27	17.41	17.25	18.0	0.0	
Channel									
Frequency (MHz)									
30	QFSS	1	1	17.24	17.30	17.20	18.0	0.0	
Channel									
Frequency (MHz)									
20	QFSS	1	1	17.20	17.24	17.17	18.0	0.0	

Part27Q_n77_Ant 1									
BW (MHz)	Modulation	RF Size	RF Offset	Power Line Ch / Freq	Power Radar Ch / Freq	Power Tgt Ch / Freq	Turn-up time (s)	SAR1 (W/kg)	
Channel									
Frequency (MHz)									
100	P100-BFSSA	1	1	16.57	17.13	17.07			
100	P100-BFSSA	1	137	17.07	17.10	17.08	18.0	0.0	
100	P100-BFSSA	1	231	17.04	17.00	17.01			
100	P100-BFSSA	136	6	16.46	17.11	17.08	18.0	0.0	
100	P100-BFSSA	136	98	17.01	17.17	17.05	18.0	0.0	
100	P100-BFSSA	136	138	16.50	17.16	17.06	18.0	0.0	
100	P100-BFSSA	270	0	17.03	17.16	17.08			
100	QFSS	1	1	17.08	17.13	17.07			
100	QFSS	1	137	17.02	17.14	17.07	18.0	0.0	
100	QFSS	1	231	17.03	17.08	16.97			
100	QFSS	136	6	16.46	17.15	17.06	18.0	0.0	
100	QFSS	136	98	17.01	17.16	17.05	18.0	0.0	
100	QFSS	136	138	16.46	17.13	16.98	18.0	0.0	
100	QFSS	270	0	17.02	17.13	17.05			
100	MCSSM	1	1	16.44	17.12	17.00	18.0	0.0	
100	MCSSM	1	1	16.25	17.20	16.90	18.0	0.0	
100	MCSSM	1	1	17.02	17.05	17.00	18.0	0.0	
Channel									
Frequency (MHz)									
50	QFSS	1	1	16.45	17.00	16.90	18.0	0.0	
Channel									
Frequency (MHz)									
50	QFSS	1	1	16.59	17.12	16.90	18.0	0.0	
Channel									
Frequency (MHz)									
40	QFSS	1	1	16.58	17.08	16.90	18.0	0.0	
Channel									
Frequency (MHz)									
30	QFSS	1	1	16.44	16.98	16.87	18.0	0.0	
Channel									
Frequency (MHz)									
20	QFSS	1	1	17.02	17.02	16.94	18.0	0.0	

Part27Q_n77_Ant 3									
BW (MHz)	Modulation	RF Size	RF Offset	Power Line Ch / Freq	Power Radar Ch / Freq	Power Tgt Ch / Freq	Turn-up time (s)	SAR1 (W/kg)	
Channel									
Frequency (MHz)									
100	P100-BFSSA	1	1		16.14				
100	P100-BFSSA	1	137		16.08		17.0	0.0	
100	P100-BFSSA	1	231		16.13		17.0	0.0	
100	P100-BFSSA	136	6		16.12		17.0	0.0	
100	P100-BFSSA	136	98		16.11		17.0	0.0	
100	P100-BFSSA	136	138		16.12		17.0	0.0	
100	P100-BFSSA	270	0		16.08				
100	QFSS	1	1		16.07				
100	QFSS	1	137		16.12		17.0	0.0	
100	QFSS	1	231		16.10		17.0	0.0	
100	QFSS	136	6		16.08		17.0	0.0	
100	QFSS	136	98		16.10		17.0	0.0	
100	QFSS	136	138		16.07		17.0	0.0	
100	QFSS	270	0		16.03		17.0	0.0	
100	MCSSM	1	1		16.06		17.0	0.0	
100	MCSSM	1	1		16.14		17.0	0.0	
100	MCSSM	1	1		16.17		17.0	0.0	
Channel									
Frequency (MHz)									
50	QFSS	1	1	16.06	16.08	16.04	17.0	0.0	
Channel									
Frequency (MHz)									
50	QFSS	1	1	16.07	16.12	16.06	17.0	0.0	
Channel									
Frequency (MHz)									
40	QFSS	1	1	16.09	16.08	16.01	17.0	0.0	
Channel									
Frequency (MHz)									
30	QFSS	1	1	16.04	16.00	16.00	17.0	0.0	
Channel									
Frequency (MHz)									
20	QFSS	1	1	16.01	16.08	16.00	17.0	0.0	

Part27Q_n77_Ant 3									
BW (MHz)	Modulation	RF Size	RF Offset	Power Line Ch / Freq	Power Radar Ch / Freq	Power Tgt Ch / Freq	Turn-up time (s)	SAR1 (W/kg)	
Channel									
Frequency (MHz)									
100	P100-BFSSA	1	1	16.15	16.13	16.02			
100	P100-BFSSA	1	137		16.16	16.16	17.0	0.0	
100	P100-BFSSA	1	231		16.20	16.20			
100	P100-BFSSA	136	6		16.28	16.34	16.13	17.0	0.0
100	P100-BFSSA	136	98		16.19	16.23	16.21	17.0	0.0
100	P100-BFSSA	136	138		16.27	16.29	16.16	17.0	0.0
100	P100-BFSSA	270	0		16.22	16.26	16.26		
100	QFSS	1	1	16.14	16.20	16.07			
100	QFSS	1	137		16.29	16.24	16.21	17.0	0.0
100	QFSS	1	231		16.19	16.28	16.20		
100	QFSS	136	6		16.28	16.24	16.20	17.0	0.0
100	QFSS	136	98		16.14	16.16	16.11	17.0	0.0
100	QFSS	136	138		16.25	16.23	16.21	17.0	0.0
100	QFSS	270	0		16.25	16.23	16.16		
100	MCSSM	1	1	16.24	16.25	16.10	17.0	0.0	
100	MCSSM	1	1	16.20	16.27	16.22	17.0	0.0	
100	MCSSM	1	1	16.24	16.26	16.20	17.0	0.0	
Channel									
Frequency (MHz)									
50	QFSS	1	1	16.14	16.26	16.13	17.0	0.0	
Channel									
Frequency (MHz)									
50	QFSS	1	1	16.16	16.23	16.08	17.0	0.0	
Channel									
Frequency (MHz)									
40	QFSS	1	1	16.25	16.22	16.08	17.0	0.0	
Channel									
Frequency (MHz)									
30	QFSS	1	1	16.14	16.20	16.08	17.0	0.0	
Channel									
Frequency (MHz)									
20	QFSS	1	1	16.21	16.22	16.12	17.0	0.0	



Reduced Power Mode for ECI 18

n2_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				18.60	18.80	19.00		
20	Pi/2 BPSK	1	1	20.02	20.13	20.02		
20	Pi/2 BPSK	1	53	19.99	20.15	20.00	21.5	0.0
20	Pi/2 BPSK	1	104	20.00	20.06	20.12		
20	Pi/2 BPSK	50	0	20.05	20.11	20.00	21.5	0.0
20	Pi/2 BPSK	50	28	20.10	20.05	20.13	21.5	0.0
20	Pi/2 BPSK	50	56	20.02	20.14	20.04		
20	Pi/2 BPSK	100	0	20.00	20.10	20.09	21.5	0.0
20	QPSK	1	1	20.12	20.20	20.15		
20	QPSK	1	53	19.98	20.15	20.08	21.5	0.0
20	QPSK	1	104	19.97	20.15	20.07		
20	QPSK	50	0	20.05	20.06	20.03	21.5	0.0
20	QPSK	50	28	20.10	20.15	20.14	21.5	0.0
20	QPSK	50	56	20.00	20.10	20.04		
20	QPSK	100	0	20.06	20.14	20.12	21.5	0.0
20	16QAM	1	1	19.99	20.16	20.07	21.5	0.0
20	64QAM	1	1	19.99	20.06	20.14	21.5	0.0
20	256QAM	1	1	19.82	19.88	19.87	20.0	1.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.03	20.11	20.10	21.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.00	20.10	20.05	21.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.07	20.05	20.01	21.5	0.0

n2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				18.60	18.80	19.00		
20	Pi/2 BPSK	1	1	19.82	19.80	19.75		
20	Pi/2 BPSK	1	53	19.84	19.92	19.78	21.5	0.0
20	Pi/2 BPSK	1	104	19.81	19.90	19.70		
20	Pi/2 BPSK	50	0	19.77	19.86	19.76	21.5	0.0
20	Pi/2 BPSK	50	28	19.83	19.87	19.80	21.5	0.0
20	Pi/2 BPSK	50	56	19.76	19.80	19.75		
20	Pi/2 BPSK	100	0	19.82	19.83	19.75	21.5	0.0
20	QPSK	1	1	19.88	19.98	19.85		
20	QPSK	1	53	19.73	19.91	19.73	21.5	0.0
20	QPSK	1	104	19.78	19.94	19.76		
20	QPSK	50	0	19.85	19.82	19.83	21.5	0.0
20	QPSK	50	28	19.80	19.93	19.84	21.5	0.0
20	QPSK	50	56	19.83	19.90	19.79		
20	QPSK	100	0	19.82	19.88	19.74	21.5	0.0
20	16QAM	1	1	19.81	19.93	19.82	21.5	0.0
20	64QAM	1	1	19.81	19.92	19.84	21.5	0.0
20	256QAM	1	1	18.49	18.57	18.65	20.0	1.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.87	19.84	19.83	21.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.77	19.93	19.84	21.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.73	19.90	19.79	21.5	0.0

n2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				18.60	18.80	19.00		
20	Pi/2 BPSK	1	1	16.98	17.04	17.00		
20	Pi/2 BPSK	1	53	17.06	17.17	17.11	18.5	0.0
20	Pi/2 BPSK	1	104	16.97	17.15	17.10		
20	Pi/2 BPSK	50	0	16.99	17.12	17.07	18.5	0.0
20	Pi/2 BPSK	50	28	17.08	17.12	17.01	18.5	0.0
20	Pi/2 BPSK	50	56	17.01	17.17	17.01		
20	Pi/2 BPSK	100	0	17.04	17.15	17.02	18.5	0.0
20	QPSK	1	1	17.10	17.18	17.13		
20	QPSK	1	53	16.99	17.03	17.07	18.5	0.0
20	QPSK	1	104	17.03	17.07	17.11		
20	QPSK	50	0	16.97	17.10	17.05	18.5	0.0
20	QPSK	50	28	17.06	17.15	17.10	18.5	0.0
20	QPSK	50	56	17.03	17.13	17.03		
20	QPSK	100	0	17.03	17.05	17.02	18.5	0.0
20	16QAM	1	1	16.98	17.08	17.02	18.5	0.0
20	64QAM	1	1	17.04	17.17	17.02	18.5	0.0
20	256QAM	1	1	17.03	17.12	17.02	18.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.90	17.08	16.92	18.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.97	17.10	16.97	18.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.02	17.12	16.92	18.5	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				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	22.40	22.51	22.50	24.0	0.0	
20	PI2 BPSK	1	53	22.37	22.50	22.54			
20	PI2 BPSK	1	104	22.48	22.51	22.43			
20	PI2 BPSK	50	0	22.39	22.50	22.52	24.0	0.0	
20	PI2 BPSK	50	28	22.41	22.63	22.48	24.0	0.0	
20	PI2 BPSK	50	56	22.38	22.50	22.46	24.0	0.0	
20	PI2 BPSK	100	0	22.49	22.58	22.54			
20	QPSK	1	1	22.50	22.65	22.55			
20	QPSK	1	53	22.45	22.60	22.41	24.0	0.0	
20	QPSK	1	104	22.50	22.56	22.51	24.0	0.0	
20	QPSK	50	0	22.40	22.53	22.44			
20	QPSK	50	28	22.41	22.62	22.45			
20	QPSK	50	56	22.30	22.49	22.28	24.0	0.0	
20	QPSK	100	0	22.38	22.57	22.42	24.0	0.0	
20	16QAM	1	1	22.36	22.53	22.45	24.0	0.0	
20	64QAM	1	1	21.00	21.00	20.94	22.5	1.5	
20	256QAM	1	1	19.42	19.53	19.31	20.5	3.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	22.42	22.56	22.41	24.0	0.0	
Channel				165800	167300	166800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	22.39	22.60	22.51	24.0	0.0	
Channel				165300	167300	165800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	22.37	22.55	22.54	24.0	0.0	

n5_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	23.42	23.48	23.39	25.0	0.0	0.0
20	PI2 BPSK	1	53	23.42	23.53	23.51			
20	PI2 BPSK	1	104	23.38	23.50	23.48			
20	PI2 BPSK	50	0	22.55	23.05	23.04	24.5	0.5	0.5
20	PI2 BPSK	50	28	23.31	23.46	23.32	25.0	0.0	0.0
20	PI2 BPSK	50	56	22.91	23.00	22.85	24.5	0.5	0.5
20	PI2 BPSK	100	0	22.87	23.02	22.91			
20	QPSK	1	1	23.51	23.56	23.55			
20	QPSK	1	53	23.35	23.50	23.46	25.0	0.0	0.0
20	QPSK	1	104	23.44	23.53	23.50	24.0	1.0	1.0
20	QPSK	50	0	22.48	22.57	22.52			
20	QPSK	50	28	23.35	23.52	23.42			
20	QPSK	50	56	22.24	22.36	22.24	24.0	1.0	1.0
20	QPSK	100	0	22.36	22.45	22.35	24.0	1.0	1.0
20	16QAM	1	1	22.31	22.38	22.37	24.0	1.0	1.0
20	64QAM	1	1	20.89	20.96	20.89	22.5	2.5	2.5
20	256QAM	1	1	19.39	19.42	19.27	20.5	4.5	4.5
Channel				166300	167300	168300			
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	23.45	23.55	23.53	25.0	0.0	0.0
Channel				165800	167300	168800			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	23.50	23.42	23.41	25.0	0.0	0.0
Channel				165300	167300	169300			
Frequency (MHz)				828.5	836.5	843.5			
5	QPSK	1	1	23.41	23.43	23.51	25.0	0.0	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				23.10	23.35	23.60		
20	Pi/2 BPSK	1	1	16.97	17.04	16.91		
20	Pi/2 BPSK	1	53	16.90	17.09	16.99	18.5	0.0
20	Pi/2 BPSK	1	104	16.95	17.06	16.94		
20	Pi/2 BPSK	50	0	16.93	17.08	17.00	18.5	0.0
20	Pi/2 BPSK	50	28	16.94	16.95	16.94	18.5	0.0
20	Pi/2 BPSK	50	56	16.95	16.90	16.95		
20	Pi/2 BPSK	100	0	17.01	17.07	17.04	18.5	0.0
20	QPSK	1	1	17.02	17.10	17.05		
20	QPSK	1	53	16.98	17.09	17.02	18.5	0.0
20	QPSK	1	104	16.96	17.09	16.92		
20	QPSK	50	0	16.96	16.95	16.90	18.5	0.0
20	QPSK	50	28	16.97	17.06	17.00	18.5	0.0
20	QPSK	50	56	16.90	16.98	16.96		
20	QPSK	100	0	16.96	17.04	16.99	18.5	0.0
20	16QAM	1	1	16.94	17.02	16.90	18.5	0.0
20	64QAM	1	1	16.93	17.00	16.98	18.5	0.0
20	256QAM	1	1	16.99	17.08	16.97	18.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.88	17.09	16.98	18.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.89	17.06	16.94	18.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.93	17.02	16.95	18.5	0.0

n7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				23.10	23.35	23.60		
20	Pi/2 BPSK	1	1	13.53	13.63	13.56		
20	Pi/2 BPSK	1	53	13.62	13.66	13.49	15.0	0.0
20	Pi/2 BPSK	1	104	13.54	13.69	13.48		
20	Pi/2 BPSK	50	0	13.59	13.70	13.58	15.0	0.0
20	Pi/2 BPSK	50	28	13.64	13.59	13.55	15.0	0.0
20	Pi/2 BPSK	50	56	13.58	13.71	13.52		
20	Pi/2 BPSK	100	0	13.57	13.61	13.52	15.0	0.0
20	QPSK	1	1	13.60	13.72	13.62		
20	QPSK	1	53	13.64	13.63	13.57	15.0	0.0
20	QPSK	1	104	13.59	13.57	13.59		
20	QPSK	50	0	13.55	13.62	13.52	15.0	0.0
20	QPSK	50	28	13.60	13.70	13.58	15.0	0.0
20	QPSK	50	56	13.61	13.57	13.53		
20	QPSK	100	0	13.55	13.58	13.51	15.0	0.0
20	16QAM	1	1	13.56	13.63	13.56	15.0	0.0
20	64QAM	1	1	13.55	13.59	13.56	15.0	0.0
20	256QAM	1	1	13.53	13.60	13.51	15.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	13.47	13.63	13.50	15.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	13.65	13.71	13.53	15.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	13.50	13.57	13.53	15.0	0.0

n7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				23.10	23.35	23.60		
20	Pi/2 BPSK	1	1	18.94	18.91	18.92		
20	Pi/2 BPSK	1	53	18.83	18.86	18.84	20.5	0.0
20	Pi/2 BPSK	1	104	18.92	18.95	18.89		
20	Pi/2 BPSK	50	0	18.92	18.99	18.92	20.5	0.0
20	Pi/2 BPSK	50	28	18.83	18.88	18.92	20.5	0.0
20	Pi/2 BPSK	50	56	18.91	18.94	18.91		
20	Pi/2 BPSK	100	0	18.93	18.88	18.82	20.5	0.0
20	QPSK	1	1	18.96	19.00	18.93		
20	QPSK	1	53	18.82	18.87	18.80	20.5	0.0
20	QPSK	1	104	18.89	18.86	18.90		
20	QPSK	50	0	18.85	18.95	18.83	20.5	0.0
20	QPSK	50	28	18.90	18.88	18.92	20.5	0.0
20	QPSK	50	56	18.81	18.89	18.81		
20	QPSK	100	0	18.86	18.94	18.89	20.5	0.0
20	16QAM	1	1	18.81	18.93	18.86	20.5	0.0
20	64QAM	1	1	18.92	18.97	18.78	20.5	0.0
20	256QAM	1	1	18.83	18.88	18.77	20.0	0.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.91	18.87	18.82	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.87	18.95	18.81	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.95	18.97	18.88	20.5	0.0

n66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	21.66	21.82	21.75		
30	PI2 BPSK	1	80	21.63	21.77	21.69	23.0	0.0
30	PI2 BPSK	1	158	21.73	21.75	21.72		
30	PI2 BPSK	80	0	21.64	21.74	21.67	23.0	0.0
30	PI2 BPSK	80	40	21.64	21.69	21.73	23.0	0.0
30	PI2 BPSK	80	80	21.62	21.76	21.74		
30	PI2 BPSK	160	0	21.64	21.77	21.75	23.0	0.0
30	QPSK	1	1	21.74	21.83	21.77		
30	QPSK	1	80	21.69	21.78	21.71	23.0	0.0
30	QPSK	1	158	21.61	21.77	21.63		
30	QPSK	80	0	21.66	21.70	21.72	23.0	0.0
30	QPSK	80	40	21.69	21.80	21.75	23.0	0.0
30	QPSK	80	80	21.66	21.76	21.70		
30	QPSK	160	0	21.69	21.77	21.64	23.0	0.0
30	16QAM	1	1	21.59	21.73	21.66	23.0	0.0
30	64QAM	1	1	20.37	20.48	20.47	22.0	1.0
30	256QAM	1	1	19.02	19.05	18.96	20.0	3.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.60	21.69	21.71	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.70	21.82	21.64	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.65	21.69	21.63	23.0	0.0
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.65	21.80	21.72	23.0	0.0

n66_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	22.14	22.24	22.06		
30	PI2 BPSK	1	80	22.11	22.26	22.01	23.5	0.0
30	PI2 BPSK	1	158	22.09	22.28	22.08		
30	PI2 BPSK	80	0	22.12	22.18	22.05	23.5	0.0
30	PI2 BPSK	80	40	22.06	22.22	22.08	23.5	0.0
30	PI2 BPSK	80	80	22.12	22.12	22.07		
30	PI2 BPSK	160	0	22.13	22.16	22.07	23.5	0.0
30	QPSK	1	1	22.20	22.29	22.15		
30	QPSK	1	80	22.13	22.26	22.06	23.5	0.0
30	QPSK	1	158	22.05	22.23	22.04		
30	QPSK	80	0	22.12	22.19	22.12	23.5	0.0
30	QPSK	80	40	22.17	22.20	22.13	23.5	0.0
30	QPSK	80	80	22.15	22.10	22.09		
30	QPSK	160	0	21.98	22.19	22.11	23.5	0.0
30	16QAM	1	1	21.76	21.85	21.82	23.5	0.0
30	64QAM	1	1	20.27	20.34	20.43	22.0	1.5
30	256QAM	1	1	18.92	18.95	18.94	20.0	3.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.15	22.15	22.10	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.06	22.15	22.12	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.04	22.11	22.05	23.5	0.0
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.12	22.14	22.07	23.5	0.0

n66_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	18.36	18.35	18.34		
30	PI2 BPSK	1	80	18.37	18.37	18.29	20.0	0.0
30	PI2 BPSK	1	158	18.35	18.30	18.33		
30	PI2 BPSK	80	0	18.29	18.39	18.31	20.0	0.0
30	PI2 BPSK	80	40	18.32	18.41	18.35	20.0	0.0
30	PI2 BPSK	80	80	18.35	18.30	18.24		
30	PI2 BPSK	160	0	18.39	18.39	18.23	20.0	0.0
30	QPSK	1	1	18.40	18.45	18.37		
30	QPSK	1	80	18.30	18.35	18.25	20.0	0.0
30	QPSK	1	158	18.35	18.42	18.25		
30	QPSK	80	0	18.27	18.31	18.34	20.0	0.0
30	QPSK	80	40	18.33	18.40	18.30	20.0	0.0
30	QPSK	80	80	18.27	18.35	18.28		
30	QPSK	160	0	18.28	18.31	18.22	20.0	0.0
30	16QAM	1	1	18.31	18.30	18.26	20.0	0.0
30	64QAM	1	1	18.33	18.37	18.29	20.0	0.0
30	256QAM	1	1	18.28	18.38	18.25	20.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.38	18.32	18.36	20.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.27	18.39	18.32	20.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.27	18.33	18.23	20.0	0.0
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.27	18.41	18.27	20.0	0.0

n71_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				134100	136100	138100		
Frequency (MHz)				690.5	690.5	690.5		
15	PI2 BPSK	1	1	23.17	23.16	23.22		
15	PI2 BPSK	1	40	23.12	23.18	23.04	24.5	0.0
15	PI2 BPSK	1	77	23.16	23.17	23.10		
15	PI2 BPSK	36	0	22.67	22.71	22.59	24.0	0.5
15	PI2 BPSK	36	22	23.15	23.22	23.07	24.5	0.0
15	PI2 BPSK	36	43	22.66	22.67	22.62		
15	PI2 BPSK	75	0	22.72	22.73	22.77	24.0	0.5
15	QPSK	1	1	23.25	23.26	23.27		
15	QPSK	1	40	23.17	23.25	23.18	24.5	0.0
15	QPSK	1	77	23.07	23.13	23.10		
15	QPSK	36	0	21.09	22.06	21.91	23.5	1.0
15	QPSK	36	22	23.15	23.25	23.16	24.5	0.0
15	QPSK	36	43	22.09	22.10	22.05		
15	QPSK	75	0	22.00	22.08	22.06	23.5	1.0
15	16QAM	1	1	21.96	22.01	22.05	23.5	1.0
15	64QAM	1	1	20.51	20.55	20.37	22.0	2.5
15	256QAM	1	1	19.11	19.14	19.13	20.0	4.5
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	660.5	693		
10	QPSK	1	1	23.16	23.19	23.26	24.5	0.0
Channel				131100	132100	133100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.17	23.19	23.23	24.5	0.0

n71_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				134100	136100	138100		
Frequency (MHz)				690.5	690.5	690.5		
15	PI2 BPSK	1	1	23.26	23.30	23.28		
15	PI2 BPSK	1	40	23.18	23.21	23.13	24.5	0.0
15	PI2 BPSK	1	77	23.20	23.26	23.13		
15	PI2 BPSK	36	0	22.77	22.83	22.69	24.0	0.5
15	PI2 BPSK	36	22	23.23	23.25	23.12	24.5	0.0
15	PI2 BPSK	36	43	22.74	22.76	22.67		
15	PI2 BPSK	75	0	22.73	22.85	22.82	24.0	0.5
15	QPSK	1	1	23.34	23.35	23.33		
15	QPSK	1	40	23.26	23.32	23.22	24.5	0.0
15	QPSK	1	77	23.16	23.28	23.16		
15	QPSK	36	0	22.07	22.16	22.02	23.5	1.0
15	QPSK	36	22	23.27	23.28	23.23	24.5	0.0
15	QPSK	36	43	22.13	22.21	22.17		
15	QPSK	75	0	22.13	22.19	22.16	23.5	1.0
15	16QAM	1	1	22.06	22.15	22.10	23.5	1.0
15	64QAM	1	1	20.60	20.63	20.48	22.0	2.5
15	256QAM	1	1	19.25	19.28	19.15	20.0	4.5
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	660.5	693		
10	QPSK	1	1	23.31	23.29	23.27	24.5	0.0
Channel				131100	132100	133100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.30	23.29	23.19	24.5	0.0

Part27Q_n77_Ant 1									
RF (MHz)	Modulation	RB Size	RB Offset	Power Tx Ch 1 (Fem)	Power Tx Ch 2 (Fem)	Power Tx Ch 3 (Fem)	Tone-up Rate (dBm)	MPE (dB)	
Channel									
Frequency (MHz)									
100	PI3-BPSK	1	1	14.99	15.01	14.99			
100	PI3-BPSK	1	137	14.99				10.0	0.0
100	PI3-BPSK	1	271	14.99	15.01	14.99			
100	PI3-BPSK	155	5	14.99	14.97	14.99		10.0	0.0
100	PI3-BPSK	155	64	14.99	15.07	14.97		10.0	0.0
100	PI3-BPSK	155	136	14.99	15.03	14.99		10.0	0.0
100	PI3-BPSK	225	9	14.97	14.99	14.99			
100	QPSK	1	1	15.02	15.02	15.02			
100	QPSK	1	137	14.99	15.01	14.99		10.0	0.0
100	QPSK	1	271	14.99	15.01	14.99			
100	QPSK	155	5	14.99	15.01	14.99		10.0	0.0
100	QPSK	155	64	14.99	15.03	14.97		10.0	0.0
100	QPSK	155	136	14.99	15.01	14.99		10.0	0.0
100	QPSK	225	9	15.07	15.07	15.06			
100	16QAM	1	1	14.99	15.01	14.99		10.0	0.0
100	16QAM	1	1	15.05	15.05	15.05		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	15.01	14.99		10.0	0.

Part27Q_n77_Ant 5									
SW (MHz)	Modulation	FE Size	FE Offset	Power Low Ch / 1 PPM	Power Mid Ch / 1 PPM	Power High Ch / 1 PPM	Turn-on Time (s)	MFR (dB)	
Channel									
Frequency (MHz)				00000	00000	00000			
150	P12 BPSK	1	1	14.00	14.00	14.00			
150	P12 BPSK	1	137	14.00	14.00	14.00	14.5	0.0	
150	P12 BPSK	1	271	14.00	14.00	14.00			
150	P12 BPSK	135	9	14.10	14.10	14.10	14.5	0.0	
150	P12 BPSK	135	89	14.07	14.07	14.07	14.5	0.0	
150	P12 BPSK	135	139	14.00	14.00	14.00	14.5	0.0	
150	P12 BPSK	270	0	14.10	14.10	14.10			
150	QPSK	1	1	14.10	14.10	14.10	14.5	0.0	
150	QPSK	1	147	14.10	14.10	14.10			
150	QPSK	1	271	14.10	14.10	14.10			
150	QPSK	135	0	14.00	14.00	14.00	14.5	0.0	
150	QPSK	135	89	14.00	14.00	14.00	14.5	0.0	
150	QPSK	135	139	14.00	14.00	14.00	14.5	0.0	
150	QPSK	270	0	14.10	14.10	14.10			
150	QAM64	1	1	14.00	14.00	14.00	14.5	0.0	
150	QAM64	1	1	14.00	14.00	14.00	14.5	0.0	
Channel									
Frequency (MHz)				00000	00000	00000	Turn-on Time (s)	MFR (dB)	
30	QPSK	1	1	14.10	14.10	14.10	14.5	0.0	
Channel									
Frequency (MHz)				00000	00000	00000	Turn-on Time (s)	MFR (dB)	
45	QPSK	1	1	14.08	14.07	14.11	14.5	0.0	
Channel									
Frequency (MHz)				00104	00100	00100	Turn-on Time (s)	MFR (dB)	
45	QPSK	1	1	14.10	14.10	14.10	14.5	0.0	
Channel									
Frequency (MHz)				00100	00100	00100	Turn-on Time (s)	MFR (dB)	
30	QPSK	1	1	14.10	14.10	14.10	14.5	0.0	
Channel									
Frequency (MHz)				00000	00000	00000	Turn-on Time (s)	MFR (dB)	
30	QPSK	1	1	14.10	14.10	14.10	14.5	0.0	

Part27Q_n77_Ant 5									
SW (MHz)	Modulation	FE Size	FE Offset	Power Low Ch / 1 PPM	Power Mid Ch / 1 PPM	Power High Ch / 1 PPM	Turn-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)				00000	00000	00000			
150	P12 BPSK	1	1	13.70	13.60	13.54			
150	P12 BPSK	1	137	13.80	13.67	13.63	14.5	0.0	
150	P12 BPSK	1	271	13.77	13.60	13.60			
150	P12 BPSK	135	9	13.70	13.60	13.55	14.5	0.0	
150	P12 BPSK	135	89	13.80	13.60	13.57	14.5	0.0	
150	P12 BPSK	135	139	13.70	13.60	13.59	14.5	0.0	
150	P12 BPSK	270	0	13.71	13.60	13.54			
150	QPSK	1	1	13.94	13.10	13.01	14.5	0.0	
150	QPSK	1	147	13.71	13.00	13.00			
150	QPSK	1	271	13.81	13.00	13.01			
150	QPSK	135	0	13.69	13.07	13.04	14.5	0.0	
150	QPSK	135	89	13.77	13.00	13.01	14.5	0.0	
150	QPSK	135	139	13.71	13.01	13.00	14.5	0.0	
150	QPSK	270	0	13.70	13.01	13.00			
150	QAM64	1	1	13.80	13.00	13.00	14.5	0.0	
150	QAM64	1	1	13.72	13.00	13.00	14.5	0.0	
Channel									
Frequency (MHz)				00000	00000	00000	Turn-up time (min)	MFR (dB)	
30	QPSK	1	1	13.70	13.60	13.54	14.5	0.0	
Channel									
Frequency (MHz)				00000	00000	00000	Turn-up time (min)	MFR (dB)	
45	QPSK	1	1	13.70	13.50	13.50	14.5	0.0	
Channel									
Frequency (MHz)				00100	00100	00100	Turn-up time (min)	MFR (dB)	
30	QPSK	1	1	13.71	13.50	13.50	14.5	0.0	
Channel									
Frequency (MHz)				00100	00100	00100	Turn-up time (min)	MFR (dB)	
30	QPSK	1	1	13.80	13.60	13.60	14.5	0.0	

Part27Q_n77_Ant 7									
SW (MHz)	Modulation	FE Size	FE Offset	Power Low Ch / 1 PPM	Power Mid Ch / 1 PPM	Power High Ch / 1 PPM	Turn-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)				00000	00000	00000			
150	P12 BPSK	1	1	14.10	14.10	14.10			
150	P12 BPSK	1	137	14.20	14.20	14.20	15.0	0.0	
150	P12 BPSK	1	271	14.10	14.10	14.10			
150	P12 BPSK	135	9	14.20	14.20	14.20	15.0	0.0	
150	P12 BPSK	135	89	14.20	14.20	14.20	15.0	0.0	
150	P12 BPSK	135	139	14.20	14.20	14.20	15.0	0.0	
150	P12 BPSK	270	0	14.20	14.20	14.20			
150	QPSK	1	1	14.20	14.20	14.20	15.0	0.0	
150	QPSK	1	137	14.20	14.20	14.20			
150	QPSK	1	271	14.20	14.20	14.20			
150	QPSK	135	0	14.20	14.20	14.20	15.0	0.0	
150	QPSK	135	89	14.20	14.20	14.20	15.0	0.0	
150	QPSK	135	139	14.20	14.20	14.20	15.0	0.0	
150	QPSK	270	0	14.20	14.20	14.20			
150	QAM64	1	1	14.20	14.20	14.20	15.0	0.0	
150	QAM64	1	1	14.20	14.20	14.20	15.0	0.0	
150	QAM64	1	1	14.20	14.20	14.20	15.0	0.0	
Channel									
Frequency (MHz)				00000	00000	00000	Turn-up time (min)	MFR (dB)	
30	QPSK	1	1	14.10	14.20	14.20	15.0	0.0	
Channel									
Frequency (MHz)				00000	00000	00000	Turn-up time (min)	MFR (dB)	
45	QPSK	1	1	14.10	14.20	14.20	15.0	0.0	
Channel									
Frequency (MHz)				00104	00100	00100	Turn-up time (min)	MFR (dB)	
45	QPSK	1	1	14.14	14.20	14.21	15.0	0.0	
Channel									
Frequency (MHz)				00100	00100	00100	Turn-up time (min)	MFR (dB)	
30	QPSK	1	1	14.20	14.10	14.20	15.0	0.0	
Channel									
Frequency (MHz)				00100	00100	00100	Turn-up time (min)	MFR (dB)	
30	QPSK	1	1	14.20	14.20	14.20	15.0	0.0	

Part27Q_n77_Ant 7									
SW (MHz)	Modulation	FE Size	FE Offset	Power Low Ch / 1 PPM	Power Mid Ch / 1 PPM	Power High Ch / 1 PPM	Turn-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)				00000	00000	00000			
150	P12 BPSK	1	1	14.10	14.10	14.10			
150	P12 BPSK	1	137	14.20	14.10	14.14	15.0	0.0	
150	P12 BPSK	1	271	14.10	14.10	14.10			
150	P12 BPSK	135	9	14.10	14.10	14.10	15.0	0.0	
150	P12 BPSK	135	89	14.14	14.10	14.10	15.0	0.0	
150	P12 BPSK	135	139	14.20	14.14	14.14	15.0	0.0	
150	P12 BPSK	270	0	14.14	14.17	14.17			
150	QPSK	1	1	14.27	13.10	13.10	15.0	0.0	
150	QPSK	1	147	14.20	14.00	14.00			
150	QPSK	1	271	14.14	14.10	14.10			
150	QPSK	135	0	14.20	14.00	14.00	15.0	0.0	
150	QPSK	135	89	14.20	14.00	14.00	15.0	0.0	
150	QPSK	135	139	14.20	14.00	14.00	15.0	0.0	
150	QPSK	270	0	14.14	14.17	14.17			
150	QPSK	270	135	14.24	14.00	14.00	15.0	0.0	
150	QPSK	270	270	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	405	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	540	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	675	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	810	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	945	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	1080	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	1215	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	1350	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	1485	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	1620	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	1755	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	1890	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	2025	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	2160	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	2295	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	2430	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	2565	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	2700	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	2835	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	2970	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	3105	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	3240	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	3375	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	3510	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	3645	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	3780	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	3915	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	4050	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	4185	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	4320	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	4455	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	4590	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	4725	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	4860	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	4995	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	5130	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	5265	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	5400	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	5535	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	5670	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	5805	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	5940	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	6075	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	6210	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	6345	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	6480	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	6615	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	6750	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	6885	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	7020	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	7155	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	7290	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	7425	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	7560	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	7695	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	7830	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	7965	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	8100	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	8235	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	8370	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	8505	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	8640	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	8775	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	8910	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	9045	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	9180	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	9315	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	9450	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	9585	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	9720	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	9855	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	9990	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	10125	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	10260	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	10395	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	10530	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	10665	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	10800	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	10935	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	11070	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	11205	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	11340	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	11475	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	11610	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	11745	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	11880	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	12015	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	12150	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	12285	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	12420	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	12555	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	12690	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	12825	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	12960	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	13095	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	13230	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	13365	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	13500	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	13635	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	13770	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	13905	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	14040	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	14175	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	14310	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	14445	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	14580	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	14715	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	14850	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	14985	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	15120	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	15255	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	15390	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	15525	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	15660	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	15795	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	15930	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	16065	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	16200	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	16335	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	16470	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	16605	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	16740	14.24	14.10	14.10	15.0	0.0	
150	QPSK	270	16875	14.24	14.10	14.10	15.0		

Reduced Power Mode for ECI 19

n2_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1857.5	1880	1902.5			
20	PI2 BPSK	1	1	16.42	16.43	16.50			
20	PI2 BPSK	1	53	16.49	16.50	16.51	18.0	0.0	
20	PI2 BPSK	1	104	16.46	16.57	16.47			
20	PI2 BPSK	50	0	16.46	16.44	16.45	18.0	0.0	
20	PI2 BPSK	50	28	16.46	16.51	16.43	18.0	0.0	
20	PI2 BPSK	50	56	16.38	16.48	16.39			
20	PI2 BPSK	100	0	16.42	16.58	16.43	18.0	0.0	
20	QPSK	1	1	16.37	16.51	16.32			
20	QPSK	1	53	16.32	16.60	16.44	18.0	0.0	
20	QPSK	1	104	16.53	16.51	16.50			
20	QPSK	50	0	16.36	16.46	16.38	18.0	0.0	
20	QPSK	50	28	16.52	16.54	16.50	18.0	0.0	
20	QPSK	50	56	16.48	16.42	16.47	18.0	0.0	
20	QPSK	100	0	16.41	16.52	16.49			
20	16QAM	1	1	16.45	16.53	16.47	18.0	0.0	
20	64QAM	1	1	16.40	16.52	16.49	18.0	0.0	
20	256QAM	1	1	16.36	16.37	16.45	18.0	0.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	16.26	16.49	16.44	18.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	16.51	16.47	16.45	18.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	16.52	16.51	16.46	18.0	0.0	

n2_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1855	1880	1900			
20	PI2 BPSK	1	1	17.32	17.33	17.24			
20	PI2 BPSK	1	53	17.35	17.43	17.28	19.0	0.0	
20	PI2 BPSK	1	104	17.29	17.40	17.29			
20	PI2 BPSK	50	0	17.33	17.45	17.35	19.0	0.0	
20	PI2 BPSK	50	28	17.27	17.31	17.37	19.0	0.0	
20	PI2 BPSK	50	56	17.32	17.41	17.24			
20	PI2 BPSK	100	0	17.31	17.37	17.35	19.0	0.0	
20	QPSK	1	1	17.40	17.46	17.36			
20	QPSK	1	53	17.37	17.45	17.24	19.0	0.0	
20	QPSK	1	104	17.37	17.40	17.32			
20	QPSK	50	0	17.31	17.37	17.30	19.0	0.0	
20	QPSK	50	28	17.35	17.38	17.33	19.0	0.0	
20	QPSK	50	56	17.30	17.34	17.28	19.0	0.0	
20	QPSK	100	0	17.26	17.33	17.32			
20	16QAM	1	1	17.28	17.34	17.30	19.0	0.0	
20	64QAM	1	1	17.34	17.31	17.33	19.0	0.0	
20	256QAM	1	1	17.35	17.40	17.28	19.0	0.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	17.26	17.31	17.29	19.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	17.27	17.40	17.27	19.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	17.29	17.38	17.36	19.0	0.0	

n2_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1855	1880	1900			
20	PI2 BPSK	1	1	13.45	13.63	13.54			
20	PI2 BPSK	1	53	13.59	13.66	13.56	15.0	0.0	
20	PI2 BPSK	1	104	13.52	13.66	13.50			
20	PI2 BPSK	50	0	13.58	13.63	13.45	15.0	0.0	
20	PI2 BPSK	50	28	13.56	13.59	13.53	15.0	0.0	
20	PI2 BPSK	50	56	13.45	13.68	13.53			
20	PI2 BPSK	100	0	13.56	13.54	13.55	15.0	0.0	
20	QPSK	1	1	13.55	13.69	13.60			
20	QPSK	1	53	13.56	13.67	13.51	15.0	0.0	
20	QPSK	1	104	13.48	13.61	13.53			
20	QPSK	50	0	13.45	13.60	13.46	15.0	0.0	
20	QPSK	50	28	13.58	13.65	13.59	15.0	0.0	
20	QPSK	50	56	13.54	13.55	13.47	15.0	0.0	
20	QPSK	100	0	13.49	13.60	13.56			
20	16QAM	1	1	13.58	13.67	13.45	15.0	0.0	
20	64QAM	1	1	13.52	13.62	13.55	15.0	0.0	
20	256QAM	1	1	13.62	13.58	13.57	15.0	0.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	13.61	13.69	13.53	15.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	13.48	13.62	13.50	15.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	13.54	13.55	13.57	15.0	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				166800	167300	167800			
Frequency (MHz)				831.5	836.5	841.5			
20	PI2 BPSK	1	1	20.04	20.11	20.04			
20	PI2 BPSK	1	53	20.03	20.20	20.11	21.5	0.0	
20	PI2 BPSK	1	104	20.05	20.10	20.08			
20	PI2 BPSK	50	0	20.12	20.10	20.04	21.5	0.0	
20	PI2 BPSK	50	28	20.05	20.16	20.09	21.5	0.0	
20	PI2 BPSK	50	56	20.05	20.21	20.11			
20	PI2 BPSK	100	0	20.15	20.09	20.01	21.5	0.0	
20	QPSK	1	1	20.17	20.24	20.15			
20	QPSK	1	53	20.02	20.10	20.01	21.5	0.0	
20	QPSK	1	104	20.16	20.14	20.01			
20	QPSK	50	0	20.05	20.18	20.09	21.5	0.0	
20	QPSK	50	28	20.15	20.20	20.13	21.5	0.0	
20	QPSK	50	56	20.12	20.16	20.06	21.5	0.0	
20	QPSK	100	0	20.03	20.13	20.08			
20	16QAM	1	1	20.16	20.19	20.09	21.5	0.0	
20	64QAM	1	1	20.04	20.20	20.09	21.5	0.0	
20	256QAM	1	1	19.42	19.53	19.31	20.5	1.0	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	20.11	20.16	20.02	21.5	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	20.05	20.23	20.06	21.5	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	20.14	20.09	20.02	21.5	0.0	

n5_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				831.5	836.5	841.5			
20	PI2 BPSK	1	1	22.44	22.45	22.44			
20	PI2 BPSK	1	53	22.52	22.59	22.51	24.0	0.0	
20	PI2 BPSK	1	104	22.54	22.57	22.49			
20	PI2 BPSK	50	0	22.40	22.59	22.46	24.0	0.0	
20	PI2 BPSK	50	28	22.44	22.47	22.37	24.0	0.0	
20	PI2 BPSK	50	56	22.45	22.53	22.43			
20	PI2 BPSK	100	0	22.45	22.56	22.40	24.0	0.0	
20	QPSK	1	1	22.45	22.56	22.52			
20	QPSK	1	53	22.52	22.57	22.44	24.0	0.0	
20	QPSK	1	104	22.46	22.51	22.41			
20	QPSK	50	0	22.44	22.53	22.48	24.0	0.0	
20	QPSK	50	28	22.45	22.55	22.51	24.0	0.0	
20	QPSK	50	56	22.24	22.36	22.24	24.0	0.0	
20	QPSK	100	0	22.36	22.45	22.35			
20	16QAM	1	1	22.21	22.38	22.37	24.0	0.0	
20	64QAM	1	1	20.89	20.96	20.86	22.5	1.5	
20	256QAM	1	1	19.39	19.42	19.27	20.5	3.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	22.44	22.59	22.42	24.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	22.43	22.55	22.45	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	22.45	22.46	22.45	24.0	0.0	

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	13.45	13.51	13.44		
20	PI2 BPSK	1	53	13.50	13.52	13.50	15.0	0.0
20	PI2 BPSK	1	104	13.46	13.58	13.53		
20	PI2 BPSK	50	0	13.46	13.50	13.49	15.0	0.0
20	PI2 BPSK	50	28	13.52	13.51	13.48	15.0	0.0
20	PI2 BPSK	50	56	13.46	13.53	13.52		
20	PI2 BPSK	100	0	13.59	13.51	13.44	15.0	0.0
20	QPSK	1	1	13.50	13.55	13.58		
20	QPSK	1	53	13.57	13.57	13.50	15.0	0.0
20	QPSK	1	104	13.46	13.59	13.55		
20	QPSK	50	0	13.53	13.60	13.50	15.0	0.0
20	QPSK	50	28	13.59	13.63	13.55	15.0	0.0
20	QPSK	50	56	13.46	13.62	13.45	15.0	0.0
20	QPSK	100	0	13.57	13.58	13.51		
20	16QAM	1	1	13.56	13.61	13.48	15.0	0.0
20	64QAM	1	1	13.45	13.52	13.51	15.0	0.0
20	256QAM	1	1	13.52	13.53	13.44	15.0	0.0
Channel				501600	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	13.57	13.57	13.44	15.0	0.0
Channel				503000	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	13.53	13.63	13.57	15.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	13.45	13.62	13.48	15.0	0.0

n7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	15.69	15.69	15.63		
20	PI2 BPSK	1	53	15.60	15.70	15.68	17.0	0.0
20	PI2 BPSK	1	104	15.68	15.71	15.72		
20	PI2 BPSK	50	0	15.63	15.66	15.72	17.0	0.0
20	PI2 BPSK	50	28	15.67	15.72	15.63	17.0	0.0
20	PI2 BPSK	50	56	15.69	15.64	15.66		
20	PI2 BPSK	100	0	15.58	15.71	15.66	17.0	0.0
20	QPSK	1	1	15.70	15.77	15.73		
20	QPSK	1	53	15.59	15.66	15.69	17.0	0.0
20	QPSK	1	104	15.67	15.68	15.70		
20	QPSK	50	0	15.63	15.71	15.68	17.0	0.0
20	QPSK	50	28	15.69	15.74	15.70	17.0	0.0
20	QPSK	50	56	15.68	15.70	15.63	17.0	0.0
20	QPSK	100	0	15.65	15.72	15.68		
20	16QAM	1	1	15.62	15.75	15.66	17.0	0.0
20	64QAM	1	1	15.60	15.68	15.68	17.0	0.0
20	256QAM	1	1	15.67	15.64	15.58	17.0	0.0
Channel				501600	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.65	15.70	15.67	17.0	0.0
Channel				503000	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.58	15.74	15.65	17.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.63	15.64	15.60	17.0	0.0

n7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	14.39	14.38	14.37		
20	PI2 BPSK	1	53	14.38	14.38	14.32	16.0	0.0
20	PI2 BPSK	1	104	14.38	14.45	14.43		
20	PI2 BPSK	50	0	14.34	14.42	14.46	16.0	0.0
20	PI2 BPSK	50	28	14.36	14.48	14.42	16.0	0.0
20	PI2 BPSK	50	56	14.40	14.51	14.38		
20	PI2 BPSK	100	0	14.32	14.51	14.42	16.0	0.0
20	QPSK	1	1	14.36	14.52	14.47		
20	QPSK	1	53	14.39	14.50	14.40	16.0	0.0
20	QPSK	1	104	14.43	14.43	14.39		
20	QPSK	50	0	14.37	14.42	14.38	16.0	0.0
20	QPSK	50	28	14.40	14.48	14.42	16.0	0.0
20	QPSK	50	56	14.36	14.44	14.36	16.0	0.0
20	QPSK	100	0	14.31	14.44	14.32		
20	16QAM	1	1	14.45	14.38	14.39	16.0	0.0
20	64QAM	1	1	14.41	14.51	14.43	16.0	0.0
20	256QAM	1	1	14.35	14.41	14.41	15.0	1.0
Channel				501600	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.39	14.34	14.42	16.0	0.0
Channel				503000	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.31	14.36	14.32	16.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.30	14.29	14.29	16.0	0.0

n66_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	17.77	17.75	17.72		
30	PI2 BPSK	1	80	17.68	17.76	17.72	19.0	0.0
30	PI2 BPSK	1	158	17.77	17.84	17.79		
30	PI2 BPSK	80	0	17.67	17.84	17.79	19.0	0.0
30	PI2 BPSK	80	40	17.69	17.80	17.81	19.0	0.0
30	PI2 BPSK	80	80	17.70	17.86	17.71		
30	PI2 BPSK	160	0	17.76	17.85	17.67	19.0	0.0
30	QPSK	1	1	17.80	17.88	17.82		
30	QPSK	1	80	17.67	17.73	17.79	19.0	0.0
30	QPSK	1	158	17.77	17.77	17.80		
30	QPSK	80	0	17.68	17.82	17.72	19.0	0.0
30	QPSK	80	40	17.69	17.84	17.80	19.0	0.0
30	QPSK	80	80	17.86	17.83	17.69	19.0	0.0
30	QPSK	160	0	17.77	17.80	17.78		
30	16QAM	1	1	17.65	17.87	17.76	19.0	0.0
30	64QAM	1	1	17.65	17.73	17.80	19.0	0.0
30	256QAM	1	1	17.76	17.75	17.67	19.0	0.0
Channel				344000	348000	346000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.26	17.74	17.74	19.0	0.0
Channel				343000	345000	345000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.73	17.86	17.70	19.0	0.0
Channel				343000	349000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.79	17.87	17.80	19.0	0.0
Channel				342000	349000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.75	17.82	17.68	19.0	0.0

n66_Ant 2

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	19.16	19.21	19.21		
30	PI2 BPSK	1	80	19.17	19.27	19.15	20.5	0.0
30	PI2 BPSK	1	158	19.10	19.23	19.11		
30	PI2 BPSK	80	0	19.13	19.15	19.20	20.5	0.0
30	PI2 BPSK	80	40	19.13	19.15	19.09	20.5	0.0
30	PI2 BPSK	80	80	19.12	19.25	19.11	20.5	0.0
30	PI2 BPSK	160	0	19.16	19.29	19.21		
30	QPSK	1	1	19.20	19.30	19.22		
30	QPSK	1	80	19.21	19.28	19.15	20.5	0.0
30	QPSK	1	158	19.10	19.29	19.18		
30	QPSK	80	0	19.12	19.20	19.18	20.5	0.0
30	QPSK	80	40	19.23	19.26	19.20	20.5	0.0
30	QPSK	80	80	19.22	19.22	19.07	20.5	0.0
30	QPSK	160	0	19.13	19.17	19.10		
30	16QAM	1	1	19.14	19.22	19.14	20.5	0.0
30	64QAM	1	1	19.13	19.19	19.21	20.5	0.0
30	256QAM	1	1	19.02	19.06	19.04	20.0	0.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.30	19.20	19.10	20.5	0.0
Channel				343000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.17	19.18	19.15	20.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.18	19.24	19.14	20.5	0.0
Channel				342500	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.11	19.20	19.12	20.5	0.0

n66_Ant 4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	15.29	15.35	15.29		
30	PI2 BPSK	1	80	15.33	15.42	15.36	17.0	0.0
30	PI2 BPSK	1	158	15.34	15.44	15.27		
30	PI2 BPSK	80	0	15.32	15.41	15.24	17.0	0.0
30	PI2 BPSK	80	40	15.38	15.45	15.35	17.0	0.0
30	PI2 BPSK	80	80	15.36	15.43	15.27	17.0	0.0
30	PI2 BPSK	160	0	15.30	15.41	15.26		
30	QPSK	1	1	15.30	15.30	15.38		
30	QPSK	1	80	15.37	15.40	15.30	17.0	0.0
30	QPSK	1	158	15.39	15.38	15.27		
30	QPSK	80	0	15.35	15.37	15.24	17.0	0.0
30	QPSK	80	40	15.41	15.45	15.30	17.0	0.0
30	QPSK	80	80	15.33	15.40	15.26	17.0	0.0
30	QPSK	160	0	15.30	15.42	15.28		
30	16QAM	1	1	15.37	15.47	15.34	17.0	0.0
30	64QAM	1	1	15.37	15.36	15.35	17.0	0.0
30	256QAM	1	1	15.28	15.49	15.29	17.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.34	15.38	15.25	17.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.27	15.48	15.36	17.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.30	15.36	15.27	17.0	0.0
Channel				342000	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.29	15.45	15.34	17.0	0.0

n71_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				134100	136100	138100		
Frequency (MHz)				692.5	690.5	692.5		
15	PI2 BPSK	1	1	21.12	21.31	21.16		
15	PI2 BPSK	1	40	21.15	21.31	21.18	22.5	0.0
15	PI2 BPSK	1	77	21.08	21.24	21.23		
15	PI2 BPSK	36	0	21.10	21.25	21.17	22.5	0.0
15	PI2 BPSK	36	22	21.09	21.28	21.10	22.5	0.0
15	PI2 BPSK	36	43	21.06	21.31	21.23	22.5	0.0
15	PI2 BPSK	75	0	21.14	21.20	21.16		
15	QPSK	1	1	21.20	21.32	21.24		
15	QPSK	1	40	21.11	21.27	21.19	22.5	0.0
15	QPSK	1	77	21.17	21.27	21.19		
15	QPSK	36	0	21.15	21.18	21.20	22.5	0.0
15	QPSK	36	22	21.19	21.24	21.22	22.5	0.0
15	QPSK	36	43	21.13	21.20	21.10	22.5	0.0
15	QPSK	75	0	21.16	21.20	21.09		
15	16QAM	1	1	21.06	21.17	21.13	22.5	0.0
15	64QAM	1	1	20.91	20.95	20.97	22.0	0.5
15	256QAM	1	1	19.11	19.14	19.13	20.0	2.5
Channel				133600	136100	138600		
Frequency (MHz)				668	660.5	663		
10	QPSK	1	1	21.19	21.28	21.14	22.5	0.0
Channel				133100	136100	139100		
Frequency (MHz)				665.5	660.5	665.5		
5	QPSK	1	1	21.06	21.19	21.13	22.5	0.0

n71_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				134100	136100	138100		
Frequency (MHz)				691.5	690.5	690.5		
15	PI2 BPSK	1	1	23.28	23.30	23.29		
15	PI2 BPSK	1	40	23.18	23.21	23.13	24.5	0.0
15	PI2 BPSK	1	77	23.20	23.26	23.13		
15	PI2 BPSK	36	0	22.77	22.81	22.69	24.0	0.5
15	PI2 BPSK	36	22	23.23	23.25	23.12	24.5	0.0
15	PI2 BPSK	36	43	22.74	22.76	22.67	24.0	0.5
15	PI2 BPSK	75	0	22.73	22.85	22.82		
15	QPSK	1	1	23.34	23.36	23.33		
15	QPSK	1	40	23.26	23.32	23.22	24.5	0.0
15	QPSK	1	77	23.16	23.28	23.16		
15	QPSK	36	0	22.07	22.16	22.02	23.5	1.0
15	QPSK	36	22	23.27	23.28	23.23	24.5	0.0
15	QPSK	36	43	22.13	22.21	22.17	23.5	1.0
15	QPSK	75	0	22.13	22.19	22.16		
15	16QAM	1	1	22.06	22.15	22.10	23.5	1.0
15	64QAM	1	1	20.60	20.63	20.48	22.0	2.5
15	256QAM	1	1	19.25	19.28	19.15	20.0	4.5
Channel				133600	136100	138600		
Frequency (MHz)				668	660.5	663		
10	QPSK	1	1	23.31	23.29	23.27	24.5	0.0
Channel				133100	136100	139100		
Frequency (MHz)				665.5	660.5	665.5		
5	QPSK	1	1	23.30	23.29	23.19	24.5	0.0

FCC_n41_Ant 4									
SW (MHz)	Modulation	WBS Num	Port Chn	Ch/Freq (MHz)	Power (mW)	Power (dBm)	Power (dBm)	Time slot (ms)	SPR (dB)
Channel				Channel	Power	Power	Power		
				Channel	Power	Power	Power		
180	PSS BPSK	1	1	184.00	19.18	18.28	18.37	16.0	
180	PSS BPSK	1	1	184.00	19.18	18.28	18.35		
180	PSS BPSK	1	1	184.00	19.18	18.28	18.34		
180	PSS BPSK	180	2	184.00	19.18	18.28	18.40	16.0	0.0
180	PSS BPSK	180	2	184.00	19.18	18.28	18.41	16.0	0.0
180	PSS BPSK	180	2	184.00	19.18	18.28	18.39		
180	CPFSK	1	1	185.00	19.18	18.28	18.36	16.0	0.0
180	CPFSK	1	1	185.00	19.18	18.28	18.37		
180	CPFSK	1	1	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.41	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.39		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180	2	185.00	19.18	18.28	18.39	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.38		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180	2	185.00	19.18	18.28	18.39	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.38		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180	2	185.00	19.18	18.28	18.39	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.38		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180	2	185.00	19.18	18.28	18.39	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.38		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180	2	185.00	19.18	18.28	18.39	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.38		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180	2	185.00	19.18	18.28	18.39	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.38		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180	2	185.00	19.18	18.28	18.39	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.38		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180	2	185.00	19.18	18.28	18.39	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.38		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180	2	185.00	19.18	18.28	18.39	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.38		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180	2	185.00	19.18	18.28	18.39	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.38		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180	2	185.00	19.18	18.28	18.39	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.38		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180	2	185.00	19.18	18.28	18.39	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.38		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180	2	185.00	19.18	18.28	18.39	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.38		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180	2	185.00	19.18	18.28	18.39	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.38		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180	2	185.00	19.18	18.28	18.39	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.38		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180	2	185.00	19.18	18.28	18.39	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.38		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180	2	185.00	19.18	18.28	18.39	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.38		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180	2	185.00	19.18	18.28	18.39	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.40	16.0	0.0
180	CPFSK	180	2	185.00	19.18	18.28	18.38		
180	CPFSK	180	2	185.00	19.18	18.28	18.36		
180	CPFSK	180	2	185.00	19.18	18.28	18.37		
180	CPFSK	180	2	185.00	19.18	18.28	18.35		
180	CPFSK	180	2	185.00	19.18	18.28	18.34		
180	CPFSK	180							



Part27Q_n77_Ant 1									
BW (MHz)	Modulation	FE Size	FE Offset	Power Low Ch. 1 (Fem)	Power Power Ch. 1 (Fem)	Power High Ch. 1 (Fem)	Turn-up time (min)	SAPs (dB)	
Channel									
Frequency (MHz)									
100	PSS-BPSK	1	1	10.25					
100	PSS-BPSK	1	137	10.30			11.0	0.0	
100	PSS-BPSK	1	271	10.48					
100	PSS-BPSK	100	5	10.41			11.0	0.0	
100	PSS-BPSK	100	80	10.32			11.0	0.0	
100	PSS-BPSK	100	138	10.30			11.0	0.0	
100	PSS-BPSK	200	5	10.49					
100	QPSK	1	1	10.44					
100	QPSK	1	137	10.20			11.0	0.0	
100	QPSK	1	271	10.31					
100	QPSK	100	5	10.30			11.0	0.0	
100	QPSK	100	80	10.30			11.0	0.0	
100	QPSK	100	138	10.32			11.0	0.0	
100	QPSK	200	5	10.32					
100	QAM64	1	1	10.40			11.0	0.0	
100	QAM64	1	1	10.36			10.0	0.0	
100	QAM64	1	1	10.37			10.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.22	10.00	10.00	Turn-up time (min)	SAPs (dB)	
40	QPSK	1	1	10.22	10.00	10.00	10.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.23	10.00	10.00	Turn-up time (min)	SAPs (dB)	
40	QPSK	1	1	10.23	10.00	10.00	11.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.24	10.00	10.00	Turn-up time (min)	SAPs (dB)	
40	QPSK	1	1	10.24	10.00	10.00	11.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.25	10.00	10.00	Turn-up time (min)	SAPs (dB)	
40	QPSK	1	1	10.25	10.00	10.00	11.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.26	10.00	10.00	Turn-up time (min)	SAPs (dB)	
40	QPSK	1	1	10.26	10.00	10.00	11.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.27	10.00	10.00	Turn-up time (min)	SAPs (dB)	
40	QPSK	1	1	10.27	10.00	10.00	11.0	0.0	

Part27Q_n77_Ant 1									
BW (MHz)	Modulation	FE Size	FE Offset	Power Low Ch. 1 (Fem)	Power Power Ch. 1 (Fem)	Power High Ch. 1 (Fem)	Turn-up time (min)	SAPs (dB)	
Channel									
Frequency (MHz)									
100	PSS-BPSK	1	1	10.05	10.14	10.00			
100	PSS-BPSK	1	137	10.07	10.13	10.10	11.0	0.0	
100	PSS-BPSK	1	271	10.06	10.05	10.00			
100	PSS-BPSK	100	5	9.99	10.10	10.00	11.0	0.0	
100	PSS-BPSK	100	80	10.05	10.10	10.00	11.0	0.0	
100	PSS-BPSK	100	138	9.99	10.17	10.00			
100	PSS-BPSK	200	5	9.97	10.08	10.10	11.0	0.0	
Channel									
Frequency (MHz)									
100	QPSK	1	1	10.10	10.00	10.10			
100	QPSK	1	137	9.99	10.11	10.00	11.0	0.0	
100	QPSK	1	271	10.05	10.13	10.00			
100	QPSK	100	5	9.99	10.05	10.00	11.0	0.0	
100	QPSK	100	80	10.00	10.17	10.10	11.0	0.0	
100	QPSK	100	138	10.00	10.12	10.00	11.0	0.0	
100	QPSK	200	5	10.00	10.10	10.10			
Channel									
Frequency (MHz)									
100	QAM64	1	1	10.00	10.00	10.10	11.0	0.0	
100	QAM64	1	1	9.97	10.10	10.00	10.0	0.0	
100	QAM64	1	1	9.97	10.10	10.00	10.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.02	10.00	10.00	Turn-up time (min)	SAPs (dB)	
40	QPSK	1	1	10.02	10.00	10.00	10.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.03	10.00	10.00	Turn-up time (min)	SAPs (dB)	
40	QPSK	1	1	10.03	10.00	10.00	11.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.04	10.00	10.00	Turn-up time (min)	SAPs (dB)	
40	QPSK	1	1	10.04	10.00	10.00	11.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.05	10.00	10.00	Turn-up time (min)	SAPs (dB)	
40	QPSK	1	1	10.05	10.00	10.00	11.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.06	10.00	10.00	Turn-up time (min)	SAPs (dB)	
40	QPSK	1	1	10.06	10.00	10.00	11.0	0.0	

Part27Q_n77_Ant 3									
BW (MHz)	Modulation	FE Size	FE Offset	Power Low Ch. 1 (Fem)	Power Power Ch. 1 (Fem)	Power High Ch. 1 (Fem)	Turn-up time (min)	SAPs (dB)	
Channel									
Frequency (MHz)									
100	PSS-BPSK	1	1	10.05					
100	PSS-BPSK	1	137	10.02			10.5	0.0	
100	PSS-BPSK	1	271	10.00					
100	PSS-BPSK	100	5	10.00			10.5	0.0	
100	PSS-BPSK	100	80	10.00			10.5	0.0	
100	PSS-BPSK	100	138	10.00			10.5	0.0	
100	PSS-BPSK	200	5	10.00					
100	QPSK	1	1	10.00					
100	QPSK	1	137	10.00			10.5	0.0	
100	QPSK	1	271	10.00					
100	QPSK	100	5	10.00			10.5	0.0	
100	QPSK	100	80	10.00			10.5	0.0	
100	QPSK	100	138	10.00			10.5	0.0	
100	QPSK	200	5	10.00					
100	QAM64	1	1	10.00			10.5	0.0	
100	QAM64	1	1	10.00			10.0	0.0	
100	QAM64	1	1	10.00			10.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.02	10.00	10.00	Turn-up time (min)	SAPs (dB)	
40	QPSK	1	1	10.02	10.00	10.00	10.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.03	10.00	10.00	Turn-up time (min)	SAPs (dB)	
40	QPSK	1	1	10.03	10.00	10.00	11.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.04	10.00	10.00	Turn-up time (min)	SAPs (dB)	
40	QPSK	1	1	10.04	10.00	10.00	11.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.05	10.00	10.00	Turn-up time (min)	SAPs (dB)	
40	QPSK	1	1	10.05	10.00	10.00	11.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	10.06	10.00	10.00	Turn-up time (min)	SAPs (dB)	
40	QPSK	1	1	10.06	10.00	10.00	11.0	0.0	

Part27Q_n77_Ant 3									
BW (MHz)	Modulation	FE Size	FE Offset	Power Low Ch. 1 (Fem)	Power Power Ch. 1 (Fem)	Power High Ch. 1 (Fem)	Turn-up time (min)	SAPs (dB)	
Channel									
Frequency (MHz)									
100	PSS-BPSK	1	1	10.10	10.00	10.10			
100	PSS-BPSK	1	137	10.09	10.10	10.10	10.5	0.0	
100	PSS-BPSK	1	271	10.10	10.00	10.10			
100	PSS-BPSK	100	5	10.07	10.10	10.00	10.5	0.0	
100	PSS-BPSK	100	80	10.09	10.10	10.00	10.5	0.0	
100	PSS-BPSK	100	138	10.09	10.10	10.10			
100	PSS-BPSK	200	5	10.10	10.00	10.10	10.5	0.0	
100	QPSK	1	1	10.10	10.00	10.10			
100	QPSK	1	137	10.10	10.10	10.10	10.5	0.0	
100	QPSK	1	271	10.09	10.10	10.10			
100	QPSK	100	5	10.04	10.10	10.00	10.5	0.0	
100	QPSK	100	80	10.10	10.10	10.10	10.5	0.0	
100	QPSK	100	138	10.10	10.10	10.10	10.5	0.0	
100	QPSK	200	5	10.10	10.00	10.10	10.5	0.0	
Channel									
80	QPSK	1	1	10.10	10.00	10.10			
80	QPSK	1	137	10.10	10.10	10.10	10.5	0.0	
80	QPSK	1	271	10.09	10.10	10.10			
80	QPSK	100	5	10.04	10.10	10.00	10.5	0.0	
80	QPSK	100	80	10.10	10.10	10.10	10.5	0.0	
80	QPSK	100	138	10.10	10.10	10.10	10.5	0.0	
80	QPSK	200	5	10.10	10.00	10.10	10.5	0.0	
Channel									
40	QPSK	1	1	10.10	10.00	10.10			
40	QPSK	1	137	10.10	10.10	10.10	10.5	0.0	
40	QPSK	1	271	10.09	10.10	10.10			
40	QPSK	100	5	10.04	10.10	10.00	10.5	0.0	
40	QPSK	100	80	10.10	10.10	10.10	10.5	0.0	
40	QPSK	100	138	10.10	10.10	10.10	10.5	0.0	
40	QPSK	200	5	10.10	10.00	10.10	10.5	0.0	
Channel									
20	QPSK	1	1	10.10	10.00	10.10			
20	QPSK	1	137	10.10	10.10	10.10	10.5	0.0	
20	QPSK	1	271	10.09	10.10	10.10			
20	QPSK	100	5	10.04	10.10	10.00	10.5	0.0	
20	QPSK	100	80	10.10	10.10	10.10	10.5	0.0	
20	QPSK	100	138	10.10	10.10	10.10	10.5	0.0	
20	QPSK	200	5	10.10	10.00	10.10	10.5	0.0	



Part27Q_n77_Ant 5									
BW (MHz)	Modulation	FE Size	FE Offset	Probe Low Ch. F (MHz)	Probe Mid Ch. F (MHz)	Probe High Ch. F (MHz)	Turnup time (min)	SAR1 (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	14.96					
100	P12-BPSK	1	137	14.93			14.5	0.0	
100	P12-BPSK	1	271	14.98					
100	P12-BPSK	100	5	14.93			14.5	0.0	
100	P12-BPSK	100	80	14.97			14.5	0.0	
100	P12-BPSK	100	138	14.93			14.5	0.0	
100	P12-BPSK	200	5	14.92					
100	QPSK	1	1	14.93			14.5	0.0	
100	QPSK	1	137	14.93					
100	QPSK	1	271	14.93					
100	QPSK	100	5	14.98			14.5	0.0	
100	QPSK	100	80	14.93			14.5	0.0	
100	QPSK	100	138	14.93			14.5	0.0	
100	QPSK	200	5	14.93					
100	QPSK	1	1	14.94			14.5	0.0	
100	QPSK	1	1	14.96			14.5	0.0	
Channel									
Frequency (MHz)									
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	14.97	14.93	14.5	0.0	
Channel									
Frequency (MHz)									
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.99	14.97	14.93	14.5	0.0	
Channel									
Frequency (MHz)									
Channel									
Frequency (MHz)									
30	QPSK	1	1	14.93	14.92	14.93	14.5	0.0	
Channel									
Frequency (MHz)									
Channel									
Frequency (MHz)									
20	QPSK	1	1	14.93	14.93	14.93	14.5	0.0	

Part27Q_n77_Ant 5									
BW (MHz)	Modulation	FE Size	FE Offset	Probe Low Ch. F (MHz)	Probe Mid Ch. F (MHz)	Probe High Ch. F (MHz)	Turnup time (min)	SAR (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	13.79	13.83	13.84			
100	P12-BPSK	1	137	13.82	13.87	13.83	14.5	0.0	
100	P12-BPSK	1	271	13.77	13.83	13.86			
100	P12-BPSK	100	5	13.79	13.83	13.83	14.5	0.0	
100	P12-BPSK	100	80	13.80	13.83	13.87	14.5	0.0	
100	P12-BPSK	100	138	13.78	13.81	13.83	14.5	0.0	
100	P12-BPSK	200	5	13.71	13.83	13.84			
Channel									
100	QPSK	1	1	13.84	13.79	13.87			
100	QPSK	1	137	13.71	13.83	13.83	14.5	0.0	
100	QPSK	1	271	13.84	13.83	13.81			
100	QPSK	100	5	13.89	13.87	13.86	14.5	0.0	
100	QPSK	100	80	13.77	13.83	13.83	14.5	0.0	
100	QPSK	100	138	13.71	13.81	13.83	14.5	0.0	
100	QPSK	200	5	13.75	13.81	13.83			
Channel									
Frequency (MHz)									
80	QPSK	1	1	13.79	13.87	13.86	14.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	13.79	13.86	13.83	14.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	13.79	13.86	13.83	14.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	13.71	13.83	13.83	14.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	13.80	13.84	13.83	14.5	0.0	

Part27Q_n77_Ant 7									
BW (MHz)	Modulation	FE Size	FE Offset	Probe Low Ch. F (MHz)	Probe Mid Ch. F (MHz)	Probe High Ch. F (MHz)	Turnup time (min)	SAR (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	12.74					
100	P12-BPSK	1	137	12.75			13.5	0.0	
100	P12-BPSK	1	271	12.67					
100	P12-BPSK	100	5	12.71			13.5	0.0	
100	P12-BPSK	100	80	12.67			13.5	0.0	
100	P12-BPSK	100	138	12.73			13.5	0.0	
100	P12-BPSK	200	5	12.74					
100	QPSK	1	1	12.68			13.5	0.0	
100	QPSK	1	137	12.73					
100	QPSK	1	271	12.78			13.5	0.0	
100	QPSK	100	5	12.75			13.5	0.0	
100	QPSK	100	80	12.63			13.5	0.0	
100	QPSK	100	138	12.74			13.5	0.0	
100	QPSK	200	5	12.63					
100	QPSK	1	1	12.76			13.5	0.0	
100	QPSK	1	1	12.66			13.5	0.0	
100	QPSK	1	1	12.77			13.5	0.0	
Channel									
Frequency (MHz)									
Channel									
Frequency (MHz)									
80	QPSK	1	1	12.79	12.67	12.63	13.5	0.0	
Channel									
Frequency (MHz)									
Channel									
Frequency (MHz)									
80	QPSK	1	1	12.79	12.67	12.63	13.5	0.0	
Channel									
Frequency (MHz)									
Channel									
Frequency (MHz)									
30	QPSK	1	1	12.62	12.73	12.76	13.5	0.0	
Channel									
Frequency (MHz)									
Channel									
Frequency (MHz)									
20	QPSK	1	1	12.69	12.68	12.68	13.5	0.0	

Part27Q_n77_Ant 7									
BW (MHz)	Modulation	FE Size	FE Offset	Probe Low Ch. F (MHz)	Probe Mid Ch. F (MHz)	Probe High Ch. F (MHz)	Turn up time (min)	SAR1 (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	12.72	12.66	12.64			
100	P12-BPSK	1	137	12.67	12.65	12.63	13.5	0.0	
100	P12-BPSK	1	271	12.71	12.64	12.61			
100	P12-BPSK	100	5	12.62	12.64	12.63	13.5	0.0	
100	P12-BPSK	100	80	12.71	12.63	12.61	13.5	0.0	
100	P12-BPSK	100	138	12.68	12.63	12.63	13.5	0.0	
100	P12-BPSK	200	5	12.63	12.63	12.63			
100	QPSK	1	1	12.75	12.63	12.63			
100	QPSK	1	137	12.71	12.63	12.63	13.5	0.0	
100	QPSK	1	271	12.69	12.65	12.63			
100	QPSK	100	5	12.75	12.63	12.63	13.5	0.0	
100	QPSK	100	80	12.71	12.63	12.63	13.5	0.0	
100	QPSK	100	138	12.69	12.63	12.63	13.5	0.0	
100	QPSK	200	5	12.68	12.63	12.63			
100	QPSK	1	1	12.66	12.67	12.63	13.5	0.0	
100	QPSK	1	1	12.70	12.69	12.67	13.5	0.0	
Frequency (MHz)									
80	QPSK	1	1	12.60	12.67	12.63	13.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	12.65	12.68	12.63	13.5	0.0	
Frequency (MHz)									
40	QPSK	1	1	12.68	12.68	12.63	13.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	12.63	12.63	12.63	13.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	12.66	12.66	12.63	13.5	0.0	

Default/Full							
Art 6							
Mode	Channel	Frequency (MHz)	Average power (dBm)				
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps
BR / EDR	CH 00	2402	16.89	18.50	14.02	15.50	13.97
	CH 39	2441	17.25	18.50	14.63	15.50	14.58
	CH 78	2480	16.51	18.50	13.80	15.50	13.75

Head Simultaneous(WWAN+BT/5G+BT/WWAN+5G+BT)							
Art 6							
Mode	Channel	Frequency (MHz)	Average power (dBm)				
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps
BR / EDR	CH 00	2402	12.59	14.50	9.72	11.50	9.57
	CH 39	2441	12.95	14.50	10.33	11.50	10.38
	CH 78	2480	12.51	14.50	9.50	11.50	9.52

Default/Full							
Art 6							
Mode	Channel	Frequency (MHz)	Average power (dBm)				
			1Mbps		128Kbps	500Kbps	
LE	CH 00	2402	5.99		5.89	5.83	
	CH 19	2440	6.19		6.13	6.07	
	CH 38	2478	5.97		5.82	5.77	
Tune-up Limit			7.5		7.5	7.5	

Default/Full							
Art 6							
Mode	Channel	Frequency (MHz)	Average power (dBm)				
				2Mbps			
LE	CH 01	2404		5.92			
	CH 19	2440		6.14			
	CH 38	2478		5.94			
Tune-up Limit				7.5			

<WLAN 24GHz>

	Default/Ful		Head Standalone		Head Simultaneous WWAN+2.4G		Hotspot Standalone Simultaneous WWAN+2.4G		Body worn Standalone (Sensor off) Simultaneous (Sensor off) WWAN+2.4G		Duty Cycle %		
			Ant 6		Ant 6		Ant 6		Ant 6				
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)		Time-Up Limit	
2.4GHz WLAN	802.11b-1Mbps	1	2412	Full	18.13	20.00	18.13	20.00	18.13	20.00	18.13	20.00	99.53
		6	2437	Full	18.27	20.00	18.27	20.00	18.27	20.00	18.27	20.00	
		11	2462	Full	18.19	20.00	18.19	20.00	18.19	20.00	18.19	20.00	
		1	2412	Full	17.00	19.00	17.00	19.00	17.00	19.00	17.00	19.00	
		6	2437	Full	17.29	19.00	17.29	18.00	17.29	19.00	17.29	18.00	
		11	2462	Full	16.23	18.00	16.23	18.00	16.23	18.00	16.23	18.00	
	802.11g-6Mbps	1	2412	Full	17.00	19.00	17.00	19.00	17.00	19.00	17.00	19.00	96.50
		6	2437	Full	18.06	20.00	18.06	20.00	18.06	20.00	18.06	20.00	
		11	2462	Full	14.51	16.00	14.51	16.00	14.51	16.00	14.51	16.00	
		3	2422	Full	15.56	17.00	15.56	17.00	15.56	17.00	15.56	17.00	
		6	2437	Full	15.67	17.00	15.67	17.00	15.67	17.00	15.67	17.00	
		11	2462	Full	11.54	13.00	11.54	13.00	11.54	13.00	11.54	13.00	
	802.11n-HT40 MCS0	1	2412	Full	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	92.46
		6	2437	Full	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	
		11	2462	Full	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	
		3	2422	Full	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	
		6	2437	Full	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	
		11	2462	Full	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	
	802.11ac-VHT20 MCS0	1	2412	Full	17.00	19.00	17.00	19.00	17.00	19.00	17.00	19.00	96.23
		6	2437	Full	18.20	20.00	18.20	20.00	18.20	20.00	18.20	20.00	
		11	2462	Full	14.53	16.00	14.53	16.00	14.53	16.00	14.53	16.00	
		3	2422	Full	16.63	18.00	16.63	18.00	16.63	18.00	16.63	18.00	
		6	2437	Full	17.70	19.00	17.70	19.00	17.70	19.00	17.70	19.00	
		9	2452	Full	11.59	13.00	11.59	13.00	11.59	13.00	11.59	13.00	
	802.11ac-VHT40 MCS0	1	2412	Full	17.00	19.00	17.00	19.00	17.00	19.00	17.00	19.00	92.46
		6	2437	Full	18.20	20.00	18.20	20.00	18.20	20.00	18.20	20.00	
		11	2462	Full	14.53	16.00	14.53	16.00	14.53	16.00	14.53	16.00	
		3	2422	Full	16.63	18.00	16.63	18.00	16.63	18.00	16.63	18.00	
		6	2437	Full	17.70	19.00	17.70	19.00	17.70	19.00	17.70	19.00	
		9	2452	Full	11.59	13.00	11.59	13.00	11.59	13.00	11.59	13.00	

<WLAN 5GHz>

	Default/Ful		Head Standalone		Head Simultaneous WWAN+5G+BT		Hotspot Standalone		Hotspot Simultaneous WWAN+5G+BT		Hotspot Simultaneous WWAN+5G+BT		Extremely Standalone (Sensor on)		Extremely Simultaneous (Sensor on) WWAN+5G+BT		Body worn Standalone (Sensor off)		Body worn Simultaneous (Sensor off) WWAN+5G+BT		Duty Cycle
			Ant 6		Ant 6		Ant 6		Ant 6		Ant 6		Ant 6		Ant 6		Ant 6				
	Mode	Channel	Frequency (MHz)	RU Config	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)
802.11a-1Mbps	35	5180	Full	17.32	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	17.32	19.00	17.32	19.00	97.20	
	40	5200	Full	17.42	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	17.42	19.00	17.42	19.00		
	44	5220	Full	17.51	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	17.51	19.00	17.51	19.00		
	48	5240	Full	17.37	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	17.37	19.00	17.37	19.00		
	35	5180	Full	17.42	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	17.42	19.00	17.42	19.00		
	40	5200	Full	17.50	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	17.50	19.00	17.50	19.00		
802.11n-HT20 MCS0	44	5220	Full	17.59	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	17.59	19.00	17.59	19.00	96.23	
	48	5240	Full	17.46	19.00	Not Required	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	17.46	19.00	17.46	19.00		
	35	5180	Full	16.66	18.00	Required	14.00	11.50	16.66	18.00	Not Required	15.00	16.66	18.00	15.50	16.66	18.00	16.66	18.00		
	40	5200	Full	17.59	19.00	17.00	14.00	11.50	18.00	15.00	13.00	16.81	18.00	15.50	17.59	19.00	17.59	19.00			
	35	5180	Full	16.66	18.00	17.00	14.00	11.50	16.66	18.00	15.00	13.00	16.81	18.00	15.50	16.66	18.00	16.66	18.00		
	48	5240	Full	17.00	19.00	Not Required	14.00	11.50	17.00	18.00	15.00	13.00	15.00	13.00	15.00	15.50	17.00	19.00	17.00		19.00
802.11ac-VHT20 MCS0	40	5200	Full	19.00	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	19.00	19.00	19.00	19.00	96.23	
	44	5220	Full	19.00	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	19.00	19.00	19.00	19.00		
	48	5240	Full	19.00	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	19.00	19.00	19.00	19.00		
	35	5180	Full	19.00	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	19.00	19.00	19.00	19.00		
	44	5220	Full	19.00	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	19.00	19.00	19.00	19.00		
	48	5240	Full	19.00	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	19.00	19.00	19.00	19.00		
802.11ac-VHT40 MCS0	38	5190	Full	18.00	17.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	18.00	19.00	18.00	19.00	93.10	
	40	5200	Full	17.00	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	17.00	19.00	17.00	19.00		
	42	5210	Full	15.59	17.00	15.59	17.00	12.46	16.15	11.50	17.00	13.63	15.00	11.62	14.00	14.11	15.59	17.00	15.59		17.00
	35	5180	Full	17.51	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	17.51	19.00	17.51	19.00		
	44	5220	Full	17.55	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	17.55	19.00	17.55	19.00		
	48	5240	Full	17.46	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	17.46	19.00	17.46	19.00		
802.11ac-HE20 MCS0	40	5200	Full	17.55	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	17.55	19.00	17.55	19.00	96.23	
	44	5220	Full	17.62	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	17.62	19.00	17.62	19.00		
	48	5240	Full	17.55	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	17.55	19.00	17.55	19.00		
	35	5180	Full	16.71	19.00	Not Required	14.00	11.50	16.71	19.00	Not Required	15.00	16.71	19.00	15.50	16.71	19.00	16.71	19.00		
	44	5220	Full	17.73	19.00	17.00	14.00	11.50	18.00	15.00	13.00	15.00	13.00	15.00	15.50	17.73	19.00	17.73	19.00		
	42	5210	Full	15.66	17.00	17.00	14.00	11.50	15.66	17.00	15.00	13.00	15.00	13.00	15.00	15.50	15.66	17.00	15.66		17.00